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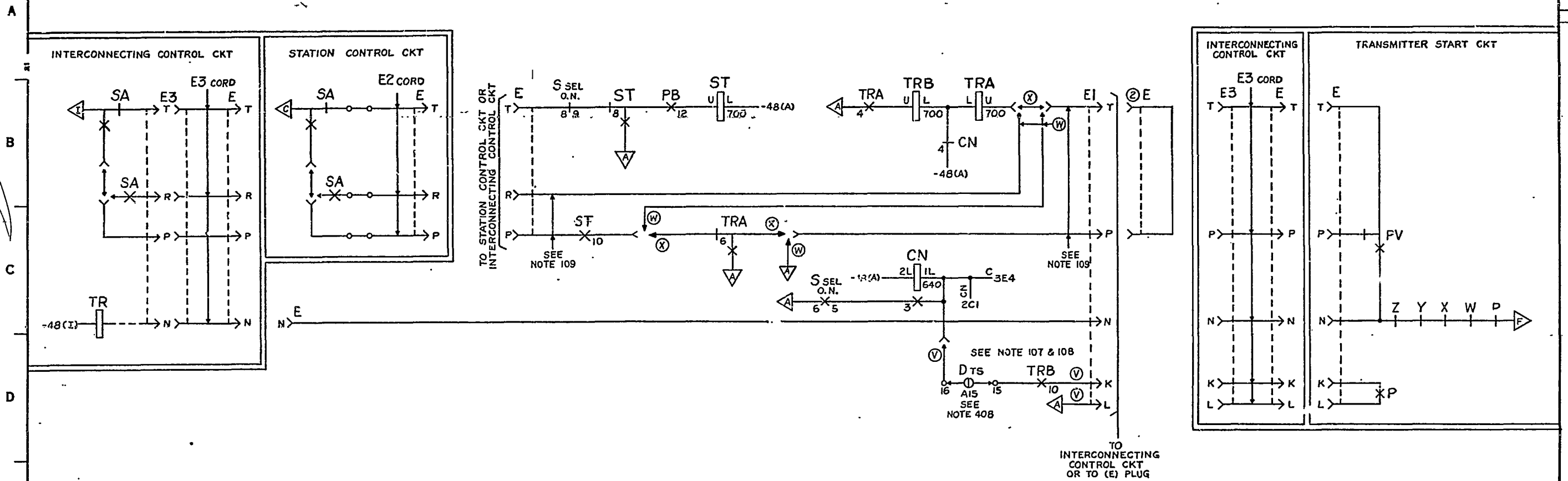
AT&TCO
STANDARD

② SD- 70930-01-A1
14 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

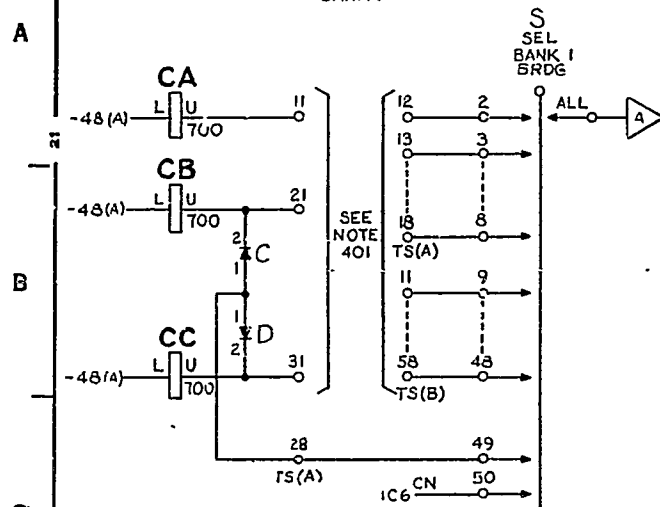
FS I CONTROL CIRCUIT

DRAWING	ISSUE
4D	MR JH
5B	MR JH
7D	MR JH

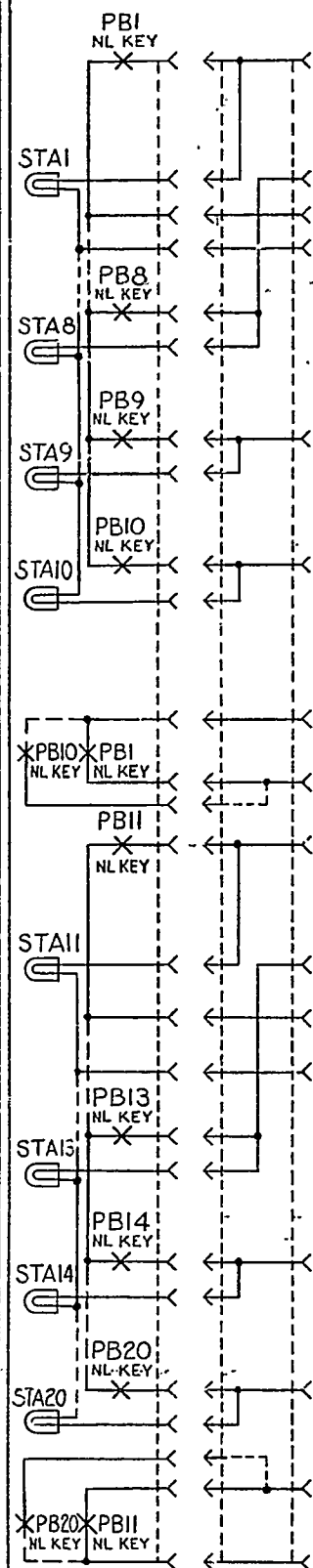


- SHEET NOTES:
1. -48 (A) DENOTES CONNECTION TO THE (A) FUSE FOR THE -48V RECTIFIER AT 387 AND 3C7.
 2. DENOTES THE COMMON RETURN CONNECTION FOR THE (A) FUSE.

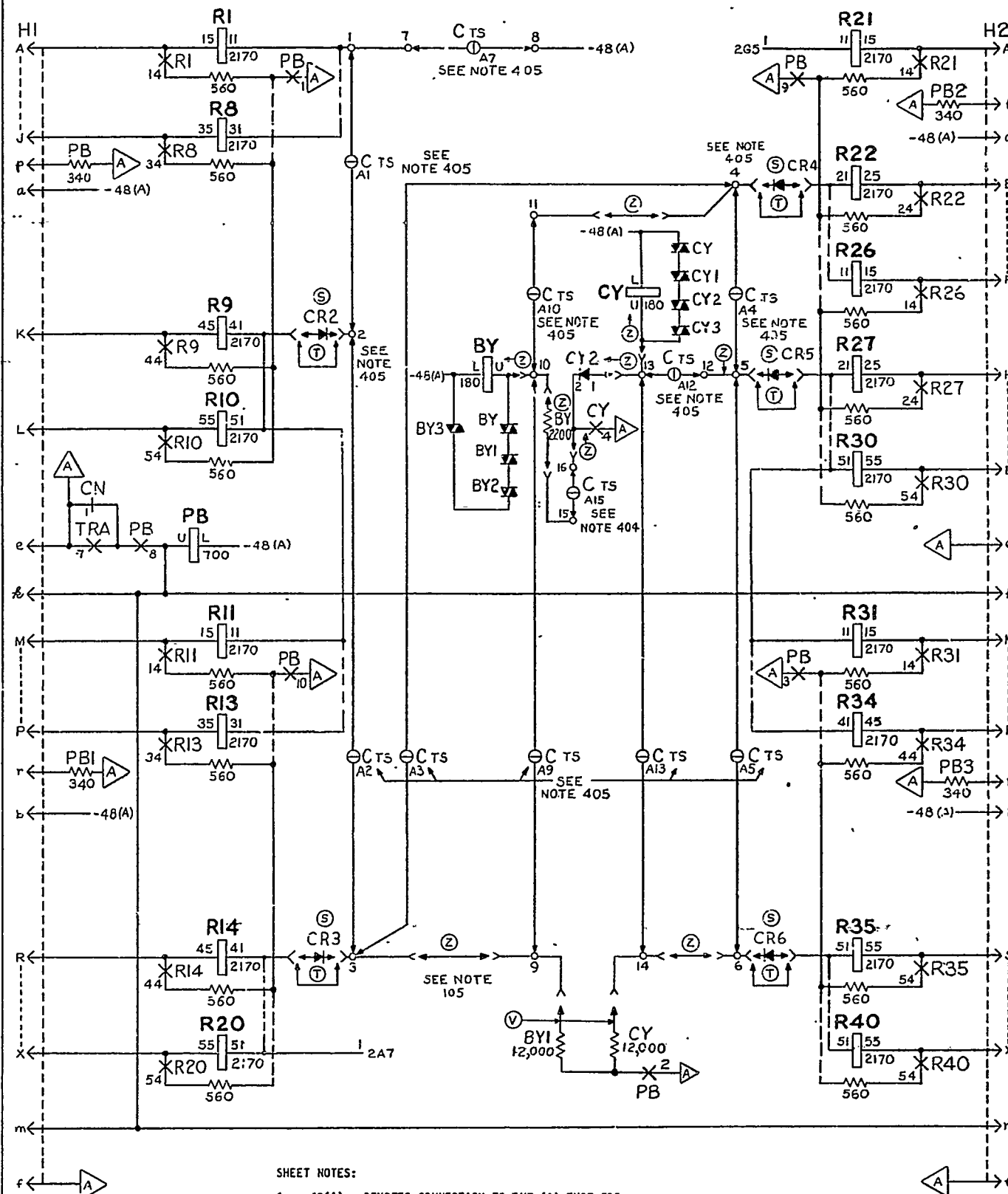
FS 3 SELECTOR SWITCH CKT BANK I



KEY & LAMP PANEL



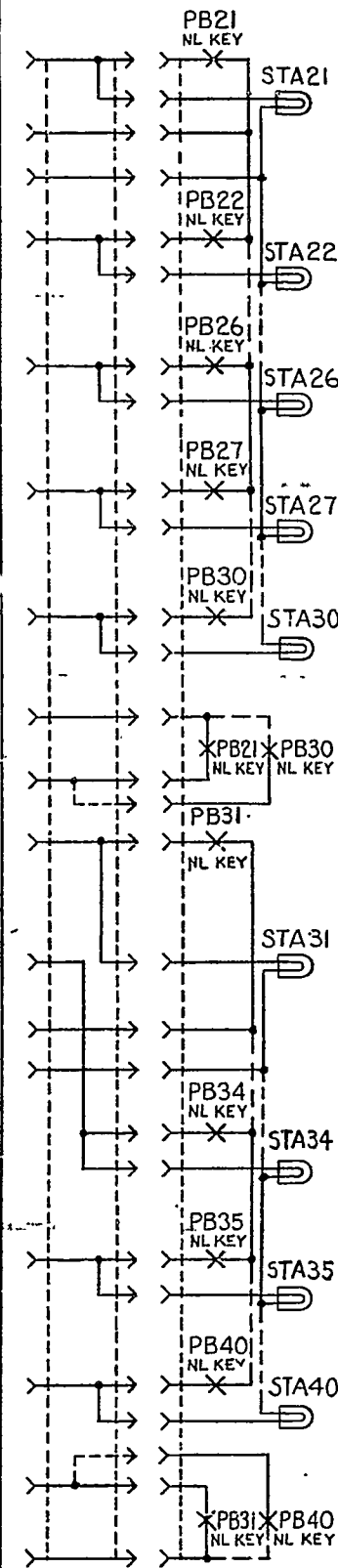
PART OF FS 4 PUSHBUTTONS



SHEET NOTES:

1. -48(A) DENOTES CONNECTION TO THE (A) FUSE FOR THE -48V RECTIFIER AT 3B7 AND 3C7.
2. DENOTES THE COMMON RETURN CONNECTION FOR THE (A) FUSE.

KEY & LAMP PANEL



SD-70930-01-B2

PUSHBUTTON CALLING CIRCUIT

BELL TELEPHONE LABORATORIES

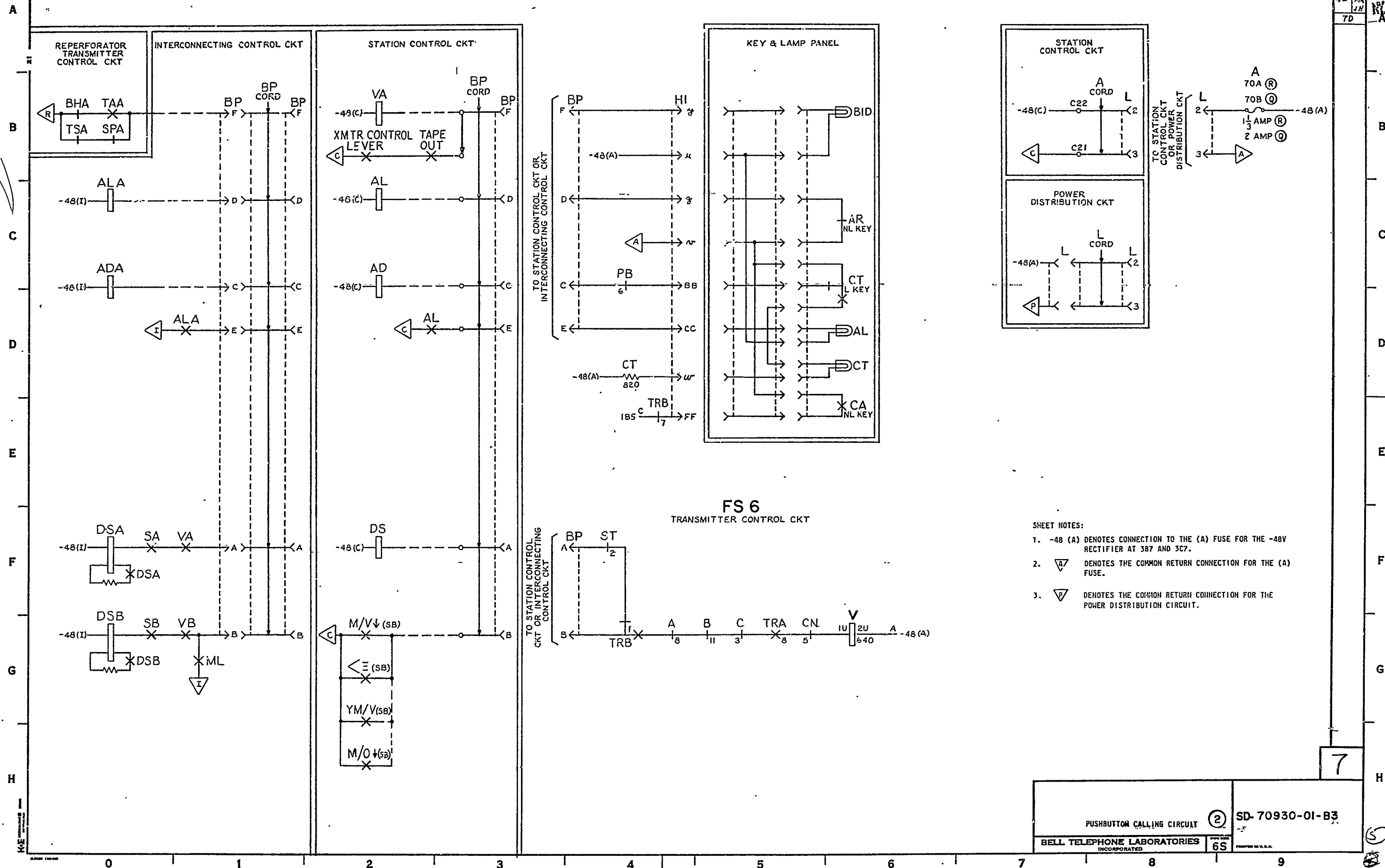
SD-70930-01-B2

6S

PART OF FS 4 PUSHBUTTONS

FS 5 POWER SUPPLY

DRAWING	ISSUE
1	REV
4D	REV
7D	REV

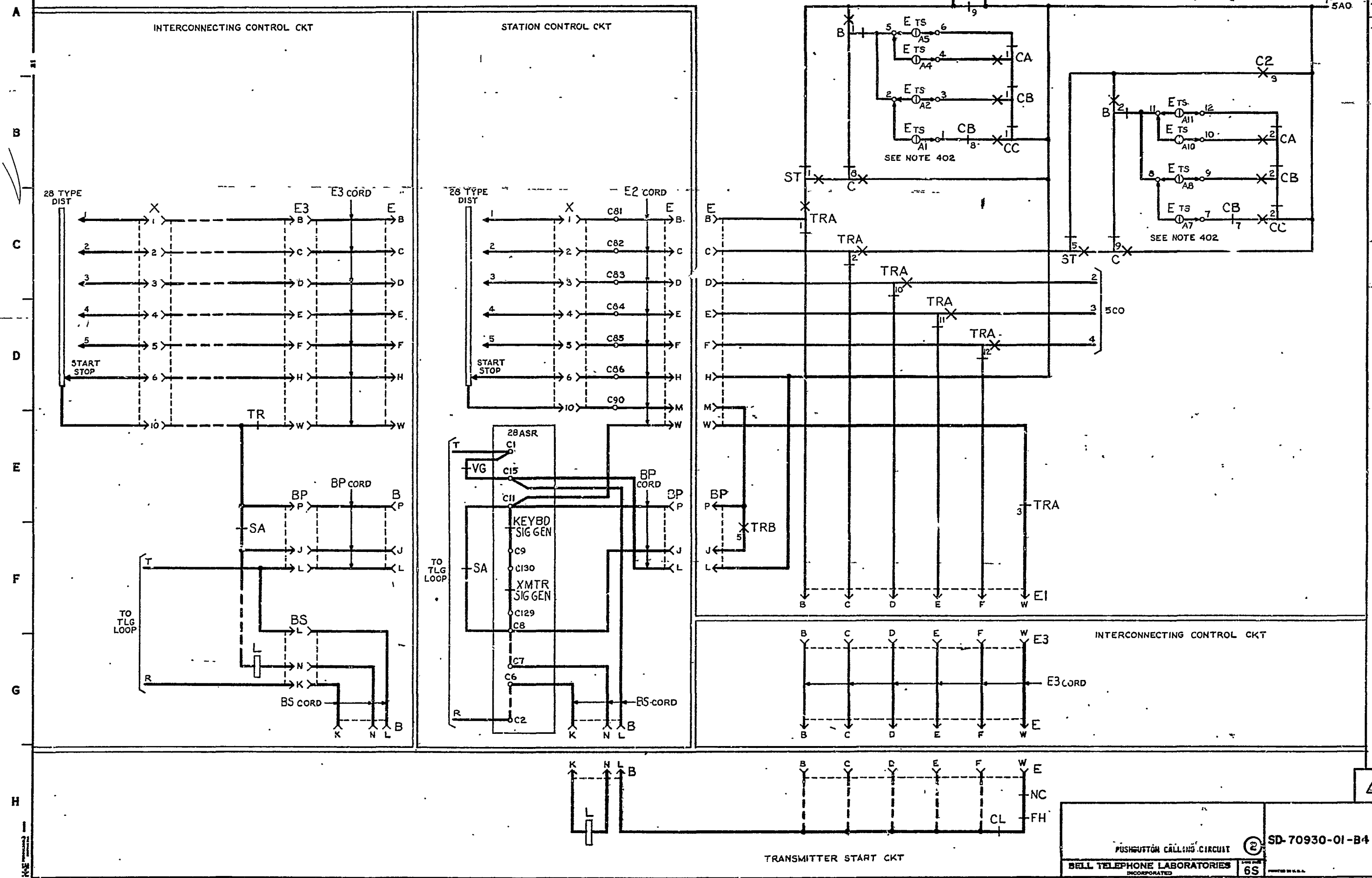


- SHEET NOTES:
- 48 (A) DENOTES CONNECTION TO THE (A) FUSE FOR THE -48V RECTIFIER AT 3B7 AND 3C7.
 - DENOTES THE COMMON RETURN CONNECTION FOR THE (A) FUSE.
 - DENOTES THE COMMON RETURN CONNECTION FOR THE POWER DISTRIBUTION CIRCUIT.

0 1 2 3 4 5 6 7 8 9

PART OF FS 7
DISTRIBUTOR CODING CKT

DRAWING
ISSUE
1
ACD
LHA
TEB
V9G
MAR
JH

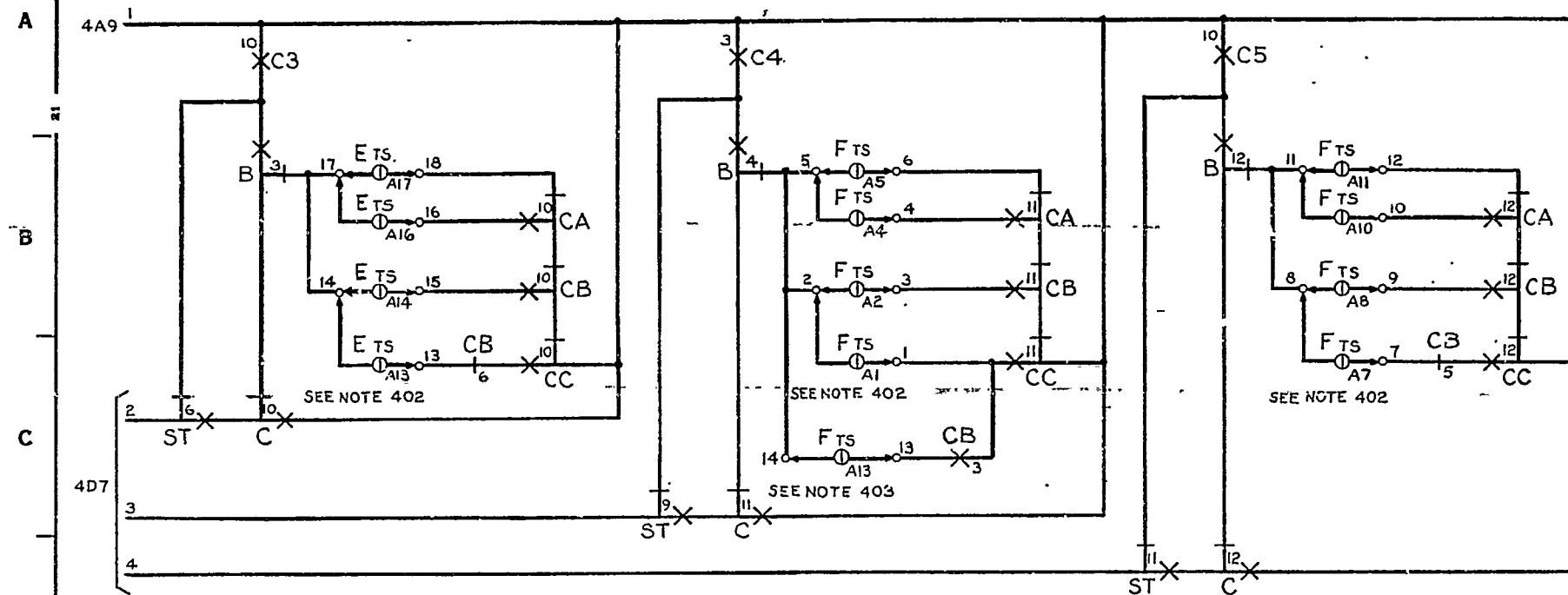


SD-70930-01-B4

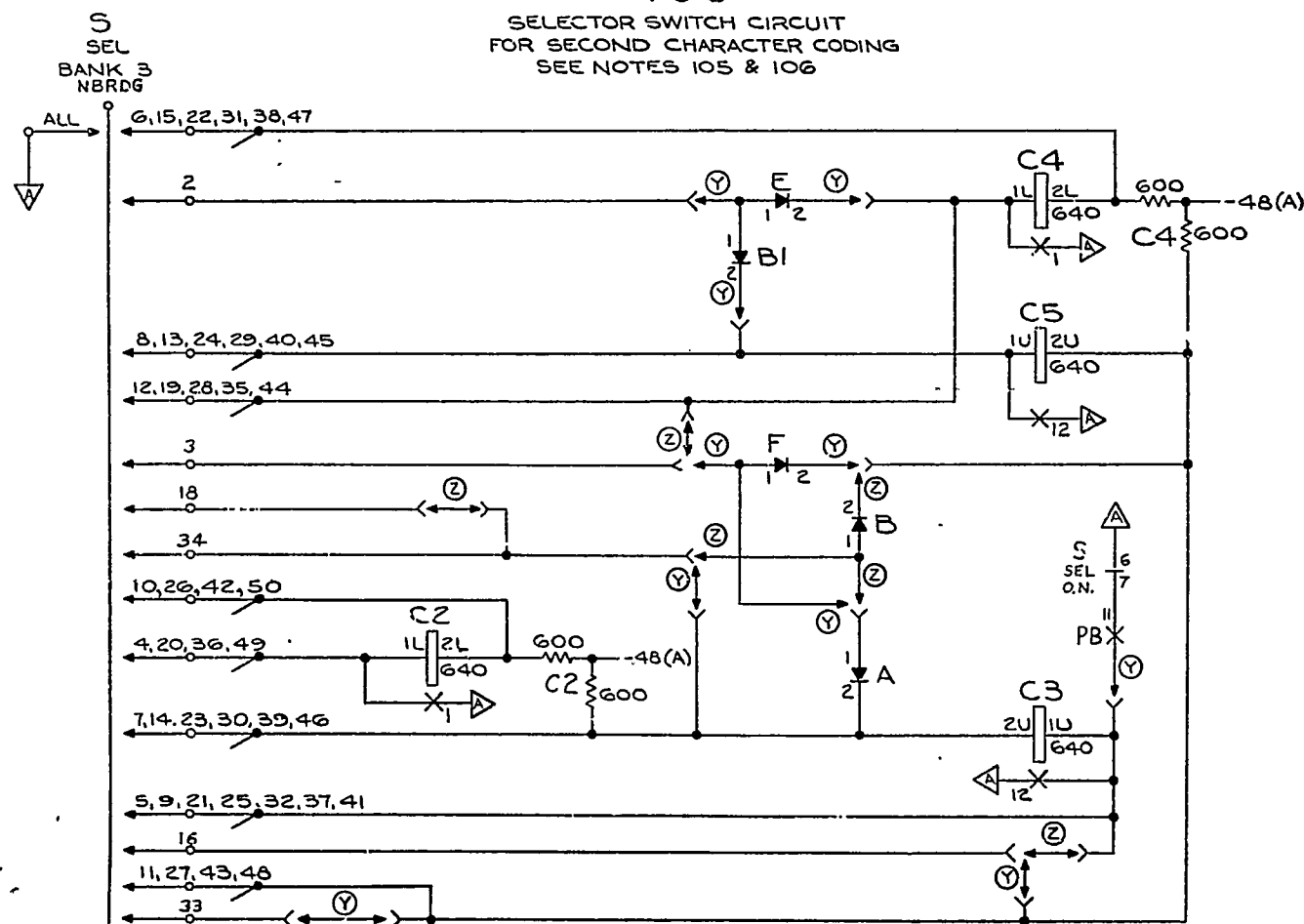
4

PUSHBUTTON CALLING CIRCUIT
BELL TELEPHONE LABORATORIES
INCORPORATED
SD-70930-01-B4
6S

PART OF FS 7 DISTRIBUTOR CODING CKT



FS 8
SELECTOR SWITCH CIRCUIT
FOR SECOND CHARACTER CODING
SEE NOTES 105 & 106



CODING PATTERN					
BANK TERM. NO.	Z OPTION	Y OPTION	BANK TERM. NO.	Z OPTION	Y OPTION
1	BLANK	BLANK	26	Y	Y
2	E	X	27	S	S
3	D	D	28	F	F
4	J	J	29	X	X
5	K	K	30	B	B
6	U	U	31	Z	Z
7	A	A	32	Y	Y
8	W	W	33	Y	Y
9	Q	Q	34	E	E
10	Y	Y	35	D	D
11	S	S	36	J	J
12	F	F	37	K	K
13	X	X	38	U	U
14	B	B	39	A	A
15	Z	Z	40	W	W
16	Y	E	41	Q	Q
17	Y		42	Y	Y
18	E	E	43	S	S
19	D	D	44	F	F
20	J	J	45	X	X
21	K	K	46	Y	Y
22	U	U	47	Z	Z
23	A	A	48	E	E
24	W	W	49	CR LF	CR LF
25	Q	Q	50		

SHEET NOTES:

- 48 (A) DENOTES CONNECTION TO THE (A) FUSE FOR THE -48V RECTIFIER AT 387 AND 3C7.
- ▽ DENOTES THE COMMON RETURN CONNECTION FOR THE (A) FUSE.

SD-70930-01-B5

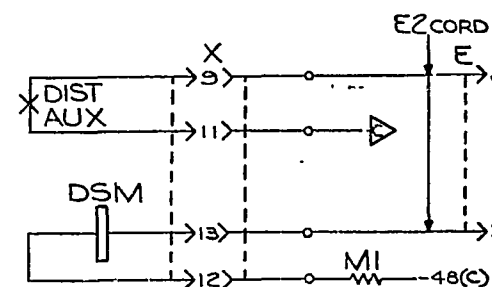
PUSHBUTTON CALLING CIRCUIT

BELL TELEPHONE LABORATORIES
INCORPORATED

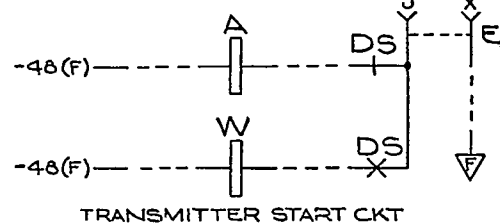
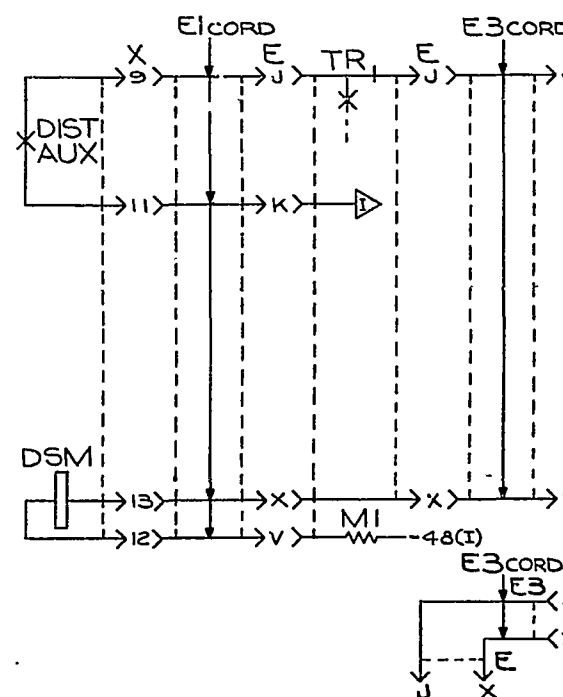
SD-70930-01-95

6S

STATION CONTROL CKT

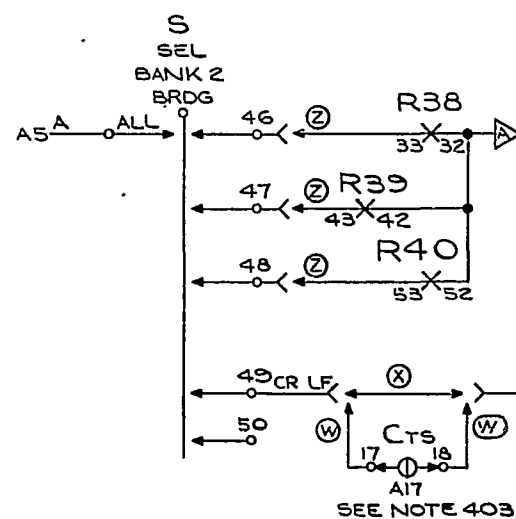
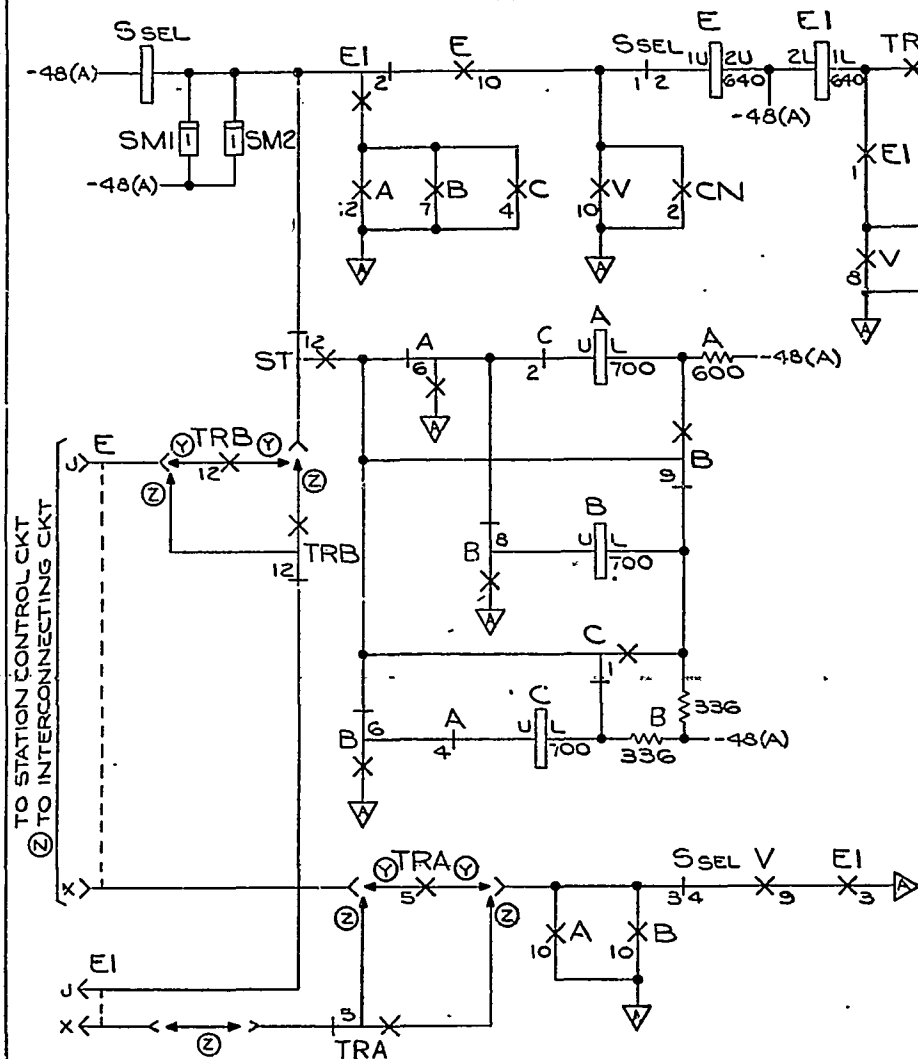
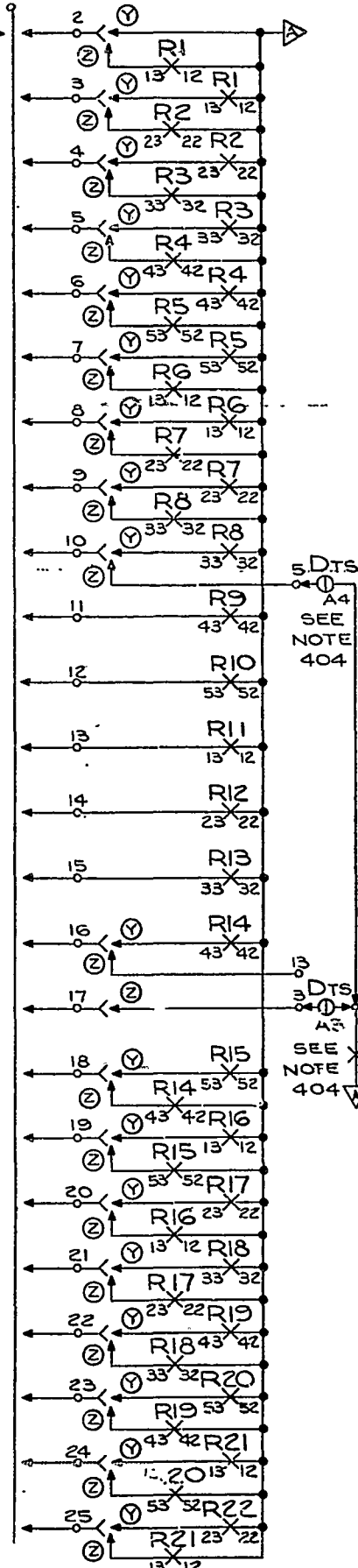
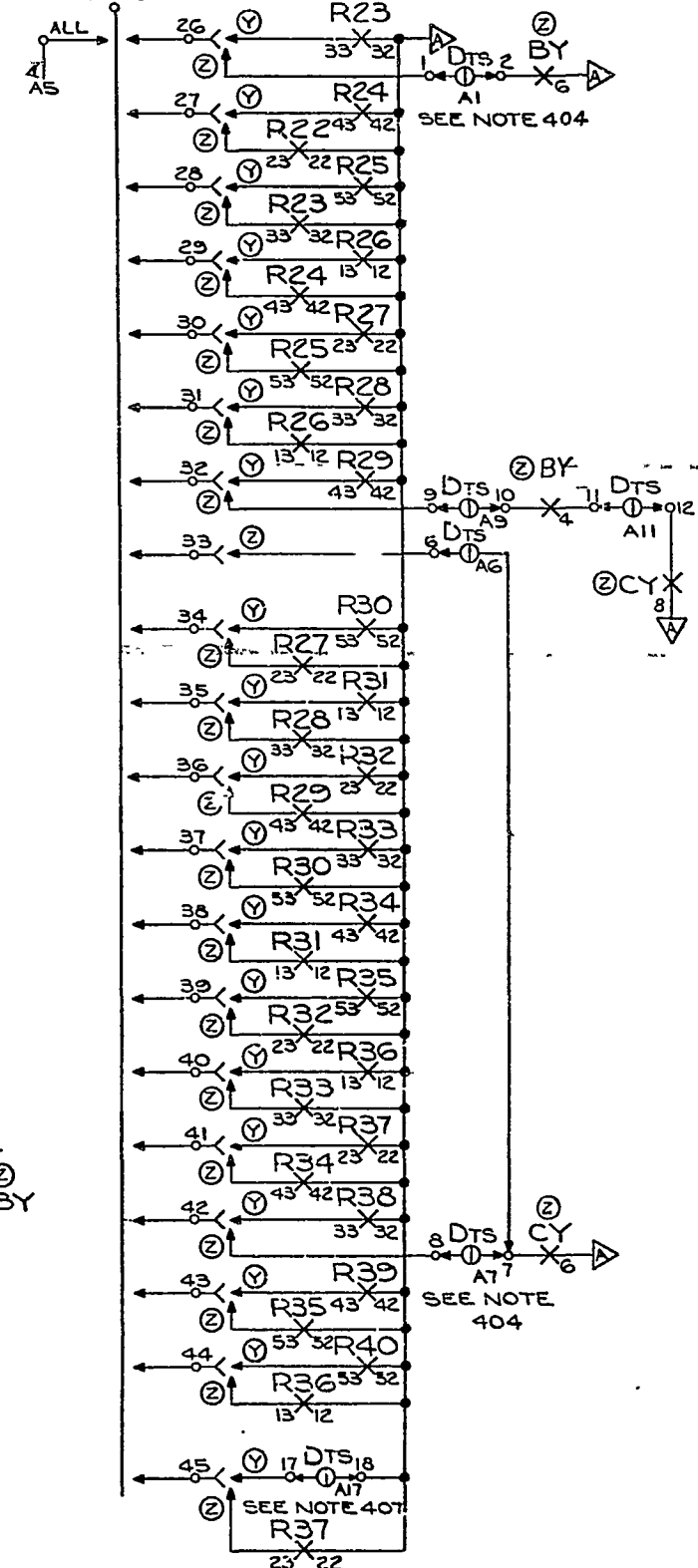


INTERCONNECTING CONTROL CKT



SHEET NOTES:

1. -48 (A) DENOTES CONNECTION TO THE (A) FUSE FOR THE -48V RECTIFIER AT 3B7 AND 3C7.
2. ∇ DENOTES THE COMMON RETURN CONNECTION FOR THE (A) FUSE.

FS 2
SELECTOR SWITCH AND
DISTRIBUTOR START MAGNET
SEE NOTES 105 & 106S
SEL
BANK 2
BRDGS
SEL
BANK 2
BRDGPUSHBUTTON CALLING CIRCUIT
BELL TELEPHONE LABORATORIES
INCORPORATED

SD-70930-01-B6

6

H

G

F

E

D

C

B

A

DRAWING

ISSUE

4D

4A

4B

4C

4D

4E

4F

4G

4H

4I

4J

4K

4L

4M

4N

4O

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4Q

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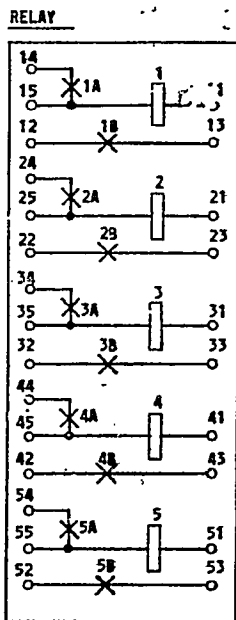
4A

4B

PART OF APP FIG. 1

RELAY	A	B	BY	C	C2	C3	C4	C5	CA	CB	DESIG
CODE	AF513	AJ501	AJ100	AJ9	AK22	AK22	AK22	AK22	AJ501	AJ501	CODE
OPTION											OPTION
CONT	ARR	LOC	ARR	LOC	ARR	LOC	ARR	LOC	ARR	LOC	CONT
12	EMB	683	EMB	5B4	EMB	5D4	EMB	5F4	EMB	5B5	12
11	EMB	684	EMB	5C5	EMB	5C2	EMB	5B3	EMB	5B3	11
10	EMB	684	EMB	5C4	EMB	5CQ	EMB	5B1	EMB	5B1	10
9	EMB	684	EMB	5C4	EMB	5C8	EMB	5B1	EMB	5B1	9
8	EMB	684	EMB	6C3	EMB	4B6	EMB	5B1	EMB	5B1	8
7	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	7
6	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	6
5	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	5
4	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	4
3	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	3
2	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	2
1	EMB	683	EMB	6B3	EMB	6B3	EMB	5B1	EMB	5B1	1
COIL	684	6C4	2C5	6D3	5G1	5G4	5E4	5F4	2A0	2B0	COIL

RELAY	CC	CN	V	CY	E	E1	PB	ST	TRA	TRB	DESIG
CODE	AJ501	AK22	AK22	AJ100	AK34	AK34	AJ501	AJ501	AJ501	AJ501	CODE
OPTION											OPTION
CONT	ARR	LOC	ARR	LOC	ARR	LOC	ARR	LOC	ARR	LOC	CONT
12	EMB	5C5	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	12
11	EMB	5C3	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	11
10	EMB	5C1	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	10
9	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	9
8	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	8
7	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	7
6	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	6
5	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	5
4	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	4
3	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	3
2	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	2
1	EMB	4A6	EMB	5B1	EMB	5B1	EMB	5B1	EMB	5B1	1
COIL	2B0	1C3	3G6	2B6	6A4	6A4	2D4	1B4	6E3	6C3	COIL

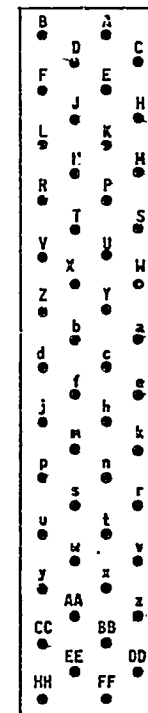


DESIG	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
CODE	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930
OPTION															
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4
LOC	2A4	2A4	2A4	2A4	2A4	2A4	2A4	2C4	2C4	2D4	2D4	2E4	2F4	2F4	2F4
CONT	A LOC	2A4	2A4	2A4	2A4	2A4	2A4	2C4	2C4	2D4	2D4	2E4	2F4	2F4	2F4
B LOC	6A6	6A6	6A6	6A6	6A6	6A6	6A6	6C6	6C6	6D6	6D6	6E6	6F6	6F6	6F6

DESIG	R16	R17	R18	R19	R20	R21	R22	R23	R24	R25	R26	R27	R28	R29	R30
CODE	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930
OPTION															
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4
LOC	2F4	2F4	2F4	2F4	2G4	2A7	2B7	2B7	2B7	2B7	2C7	2C7	2C7	2C7	2C7
CONT	A LOC	2F4	2F4	2F4	2G4	2A8	2B8	2B8	2B8	2B8	2C8	2C8	2C8	2C8	2C8
B LOC	6F6	6F6	6F6	6F6	6H6	6A8	6B8	6B8	6B8	6B8	6C8	6C8	6C8	6C8	6C8

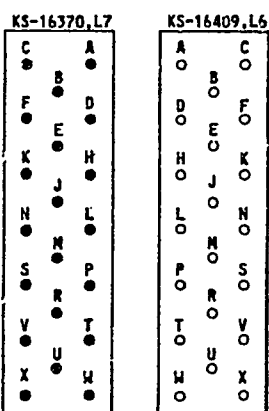
DESIG	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40
CODE	2930	2930	2930	2930	2930	2930	2930	2930	2930	2930
OPTION										
COIL	POS	1	2	3	4	5	1	2	3	4
LOC	2D7	2D7	2D7	2E7	2F7	2F7	2F7	2F7	2F7	2G7
CONT	A LOC	2D7	2D7	2D7	2E7	2F7	2F7	2F7	2F7	2G7
B LOC	6D6	6D6	6D6	6E6	6F6	6F6	6F6	6F6	6F6	6G6

CONNECTOR (PLUG)



DESIG	H1	H2
CODE	KS-16370, L4 L39	
OPTION		
A		2A8
B		
C		
D	2A3	2C8
E		
F		
G		
H		
I		
J		
K	2C3	2C8
L		
M		
N	2E3	2E8
O		
P		
Q		
R		
S		
T		
U		
V		
W		
X		
Y		
Z		
a	2B3	2A8
b	2E3	2E8
c		
d		
e	2D3	2D8
f	2H3	2H8
g		
h		
i		
j		
k	2D3	2D8
l		
m	2G3	2G8
n		
o		
p	2B3	2A8
q	2E3	2E8
r		
s		
t		
u	3B4	
v	3C4	
w	3D4	
x		
y	3B4	
z	3C4	
AA		
BB	3C4	
CC	3D4	
DD		
EE		
FF	3E4	
HH		

CONNECTOR



DESIG	BP	E1	E
CODE	KS-16370, L7 L45	KS-16409, L6 L46	
OPTION			
A	3F3		
B	3G3	4F5	4C4
C	3C3	4F3	4C4
D	3C3	4F6	4C4
E	3D3	4F6	4D4
F	3B3	4F6	4D4
H			4D4
J	4F4	6E2	6C2
K		1D6	
L	4F4	1D6	
M			4E4
N		1C6	1C1
P	4E4	1C6	1C2
R			1B2
S			
T		1B4	1B2
U			
V			
W		4F7	4E4
X		6E2	6E2

CONNECTOR (PLUG)

DESIG	L
CODE	KS-8585, L46
OPTION	
1	
2	3B8
3	3B8
4	
5	
6	

NETWORK

DESIG	LOC	CODE
SH1	6A2	185A
SH2	6A2	185A

DIODE

DESIG	LOC	CODE
A	503	
B	503	
C	503	
CR2	2C5	
CR3	2F5	
CR4	2B7	
CR5	2C7	
CR6	2F7	
RESISTOR		

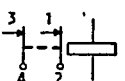
DIODE (CONT)

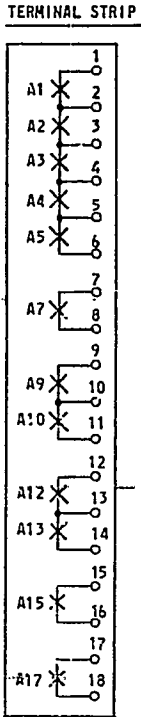
DESIG	LOC	CODE
A	503	
B	503	
C	503	
CR2	2C5	
CR3	2F5	
CR4	2B7	
CR5	2C7	
CR6	2F7	
RESISTOR		
DESIG	LOC	CODE
A	503	
B	503	
C	503	
CR2	2C5	
CR3	2F5	
CR4	2B7	
CR5	2C7	
CR6	2F7	
RESISTOR		

DIODE (CONT)

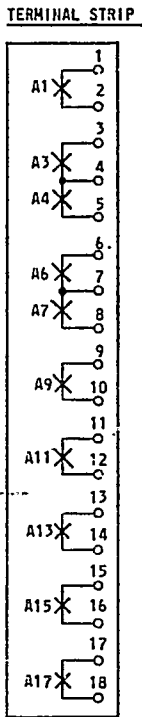
DESIG	LOC	CODE
A	503	
B	503	
C	503	
CR2	2C5	
CR3	2F5	
CR4	2B7	
CR5	2C7	
CR6	2F7	
RESISTOR		
DESIG	LOC	CODE
A	503	
B	503	
C	503	
CR2	2C5	
CR3	2F5	
CR4	2B7	
CR5	2C7	
CR6	2F7	
RESISTOR		

PART OF APP FIG. 1

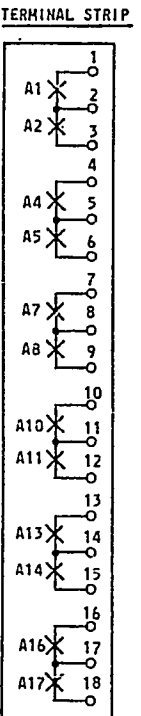
SELECTOR		CODE			
S		KS-16563,L3			
45 TYPE AUTO. ELECTRIC SWITCH					
INTERRUPTER SPRINGS		TERM.	BANK 1	BANK 2	BANK 3
			BRDG	BRDG	N BRDG
		50	2C1	6H4	5G0
		49	2C1	6H4	5G0
		48			5H0
		47		6G4	5E0
		46			5H0
LOC		45			5F0
COIL	6A2	44		6G8	5F0
CONT 1-2	6A4	43			5H0
CONT 3-4	6D4	42		6F8	5G0
		41			5H0
		40			5F0
		39			5G0
		38		6E8	5E0
		37			5H0
		36			5G0
OFF-NORMAL SPRINGS		35		6D8	5F0
		34			5G0
		33			5H0
		32		6C8	5H0
		31			5E0
		30			5G0
		29		638	5F0
		28			5F0
LOC		27		6A8	5H0
CONT 5-6	1C4	26			5G0
CONT 8-9	1B3	25			5H0
		24		6H6	5F0
		23			5H0
CONT 6-7	5G4	22			5G0
		21		6G6	5H0
		20			5G0
		19			5F0
		18			5G0
		17		6F6	
		16			5H0
		15			5E0
		14		6E6	5H0
		13			5F0
		12			5F0
		11		6D6	5H0
		10			5G0
		9			5H0
		8		6C6	5F0
		7			5H0
		6			5E0
		5		6B6	5H0
		4			5G0
		3		6A6	5F0
		2	2A1	6A6	5E0
		1			
FEED		2A1	6A5		5E0



DESIG	C																
CODE	P-40H116																
OPTION																	
SCR POS	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
LOC	2B5	2E5	2E5	2B7	2E7		2A5		2E6	2B6		2C6	2E6		2D6		6H4



DESIG	D																
CODE	P-40H116																
OPTION																	
SCR POS	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
LOC	6A9		6F7	6D7		6C9	6F9		6C9		6C9		1G6		1D5		6G8



DESIG	E																
CODE	P-40H116																
OPTION																	
SCR POS	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
LOC	4B6	4B6		4A6	4A6		4C8	4B8		4B8	4B8		5C1	5B1		5B1	5B1

DESIG	F																
CODE	P-40H116																
OPTION																	
SCR POS	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
LOC	5C3	5B3		5B3	5B3		5C5	5B5		5B5	5B5		5C3				

TERMINAL STRIP

DESIG	A	B
CODE	D5A	
OPTION		
TERM.		
11	2A0	
12-18	2A1	
21	2D1	
28	2C0	
31	2H0	
11-58		2B1

VARISTOR

DESIG	LOC	CODE
BY	2C5	
BY1	2C5	190A
BY2	2D5	
BY3	2C6	1000
CY	2B6	
CY1	2B6	100A
CY2	2C6	
CY3	2C6	1000

APP FIG. 2
FOR USE WHERE TRANSMITTER START CKT IS NOT PROVIDED
CONNECTOR (DUMMY)

DESIG	E
CODE	KS-16409,L7
OPTION	
A	
B	
C	
D	
E	
F	
H	
J	
K	
L	
M	
N	
P	1C6
R	
S	
T	1B6
U	
V	
W	
X	

102.

103.

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CROSS CONNECTION NOTES:

401. FIRST CHARACTER OF CALL DIRECTING CODES.

CODE OBTAINED FROM	RELAY
MAKE CONTACTS OF (CC) RELAY	(CC) RELAY OPERATED
MAKE CONTACTS OF (CB) RELAY	(CC) RELAY NONOPERATED (CB) RELAY OPERATED
MAKE CONTACTS OF (CA) RELAY	(CC) RELAY NONOPERATED (CB) RELAY NONOPERATED (CA) RELAY OPERATED
BREAK CONTACTS OF (CA) RELAY	(CC) RELAY NONOPERATED (CB) RELAY NONOPERATED (CA) RELAY NONOPERATED

THE OPERATE PATHS FOR THE (CA), (CB), AND (CC) RELAYS ARE OBTAINED BY PROVIDING STRAPS BETWEEN TERMINALS 11, 21, AND 31 ON TERMINAL STRIP (A) TO TERMINALS 12-18 ON TERMINAL STRIP (A) AND TERMINALS 11-58 ON TERMINAL STRIP (B) IN ACCORDANCE WITH SERVICE ORDER ASSIGNMENTS.

402. FIRST CHARACTER CALL DIRECTING CODES FS 7 TERMINAL STRIPS (E) AND (F), SCREW SWITCH TO BE OPERATED.

TO OBTAIN CODE	FROM MAKE CONTACTS OF (CC) RELAY	FROM MAKE CONTACTS OF (CB) RELAY	FROM MAKE CONTACTS OF (CA) RELAY	FROM BREAK CONTACTS OF (CA) RELAY
A	(E)A1, A7	(E)A2, A8	(E)A4, A10	(E)A5, A11
B	(E)A1, (F)A1, A7	(E)A2, (F)A2, A8	(E)A4, (F)A4, A10	(E)A5, (F)A5, A11
C	(E)A7, A13, (F)A1	(E)A8, A14, (F)A2	(E)A10, A16, (F)A4	(E)A11, A17, (F)A5
D	(E)A1, (F)A1	(E)A2, (F)A2	(E)A4, (F)A4	(E)A5, (F)A5
E	(E)A1	(E)A2	(E)A4	(E)A5
F	(E)A1, A13 (F)A1	(E)A2, A14, (F)A2	(E)A4, A16, (F)A4	(E)A5, A17, (F)A5
H	(E)A13, (F)A7	(E)A14, (F)A8	(E)A16, (F)A10	(E)A17, (F)A11
I	(E)A7, A13	(E)A8, A14	(E)A10, A16	(E)A11, A17
J	(E)A1, A7, (F)A1	(E)A2, A8, (F)A2	(E)A4, A10, (F)A4	(E)A5, A11, (F)A5
K	(E)A1, A7, A13, (F)A1	(E)A2, A8, A14, (F)A2	(E)A4, A10, A16, (F)A4	(E)A5, A11, A17, (F)A5
L	(E)A7, (F)A7	(E)A8, (F)A8	(E)A10, (F)A10	(E)A11, (F)A11
M	(E)A13, (F)A1	(E)A14, (F)A2	(E)A16, (F)A4	(E)A17, (F)A5
P	(E)A7, A13, (F)A7	(E)A8, A14, (F)A8	(E)A10, A16, (F)A10	(E)A11, A17, (F)A11
Q	(E)A1, A7, A13, (F)A7	(E)A2, A8, A14, (F)A8	(E)A4, A10, A16, (F)A10	(E)A5, A11, A17, (F)A11
R	(E)A7, (F)A1	(E)A8, (F)A2	(E)A10, (F)A4	(E)A11, (F)A5
S	(E)A1, A13	(E)A2, A14	(E)A4, A16	(E)A5, A17
U	(E)A1, A7, A13	(E)A2, A8, A14	(E)A4, A10, A16	(E)A5, A11, A17
W	(E)A1, A7, (F)A7	(E)A2, A8, (F)A8	(E)A4, A10, (F)A10	(E)A5, A11, (F)A11
X	(E)A1, A13, (F)A1, A7	(E)A2, A14, (F)A2, A8	(E)A4, A16, (F)A4, A10	(E)A5, A17, (F)A5, A11
Y	(E)A1, A13, (F)A7	(E)A2, A14, (F)A8	(E)A4, A16, (F)A10	(E)A5, A17, (F)A11
Z	(E)A1, (F)A7	(E)A2, (F)A8	(E)A4, (F)A10	(E)A5, (F)A11

THE TERMINAL STRIPS ARE PROVIDED IN ACCORDANCE WITH SERVICE ORDER ASSIGNMENTS.

CAUTION: UNUSED SCREWS SHOULD BE BACKED OFF SUFFICIENTLY (3/16 IN.) SO THAT THE WASHERS DO NOT MAKE CONTACT WITH TERMINALS.

403. OPERATE SCREW SWITCH (F)A13 AND (C)A17 WHEN CARRIAGE RETURN LINE FEED IS TO BE CODED FROM PUSHBUTTON EQUIPMENT.

404. TYPICAL STRAPPING FOR TERMINAL STRIP (D) IN FS 2 (8383)

OPERATING CONDITIONS	SCREW SWITCH TO BE OPERATED
SINGLE LINE	NONE
2 LINE CROSS OFFICE AUTOMATIC OR MANUAL RELAY	(D)A1
DELTA ARRANGEMENT AUTOMATIC RELAY	(D)A3 OR (D)A4 (D)A6 OR (D)A7
TANDEM OR Y ARRANGEMENT AUTOMATIC OR MANUAL RELAY	(D)A3 OR (D)A4 (D)A6 OR (D)A7 ON LINE 2 (SEE NOTE 406) ALSO OPERATE (D)A9, A11, (C)A15
3 LINE PAR. MAN. REL.	(D)A3 OR (D)A4, (D)A6 OR (D)A7

CAUTION: UNUSED SCREWS SHOULD BE BACKED OFF SUFFICIENTLY (3/16 IN.) SO THAT THE WASHERS DO NOT MAKE CONTACT WITH TERMINALS.

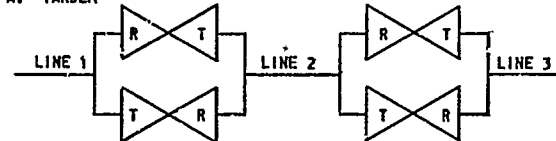
405. TYPICAL STRAPPING FOR TERMINAL STRIP (C) IN FS 4.

OPERATING CONDITIONS	SCREW SWITCH TO BE OPERATED
SINGLE LINE	(C)A1, A2, A3, A4, A5, AND A7
2 LINE CROSS OFFICE AUTOMATIC OR MANUAL RELAY (8383)	(C)A1, A2, A4, A5, A7, AND A10
DELTA ARRANGEMENT AUTOMATIC RELAY	(C)A1, A3, A5, A7, A9, AND A12 OR (C)A2, A3, A4, A7, A9, AND A13
TANDEM OR Y ARRANGEMENT AUTOMATIC OR MANUAL RELAY	(C)A1, A3, A5, A7, A9, AND A12 OR (C)A2, A3, A4, A7, A9, AND A13
3 LINE PAR. MAN. REL.	(C)A1, A3, A5, A7, A9, AND A12, OR (C)A2, A3, A4, A7, A9, AND A13

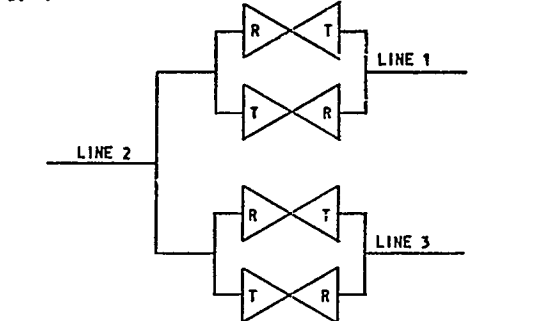
CAUTION: UNUSED SCREWS SHOULD BE BACKED OFF SUFFICIENTLY (3/16 IN.) SO THAT THE WASHERS DO NOT MAKE CONTACT WITH TERMINALS.

406. 3 LINE CROSS OFFICE CONFIGURATIONS (8383):

A. TANDEM



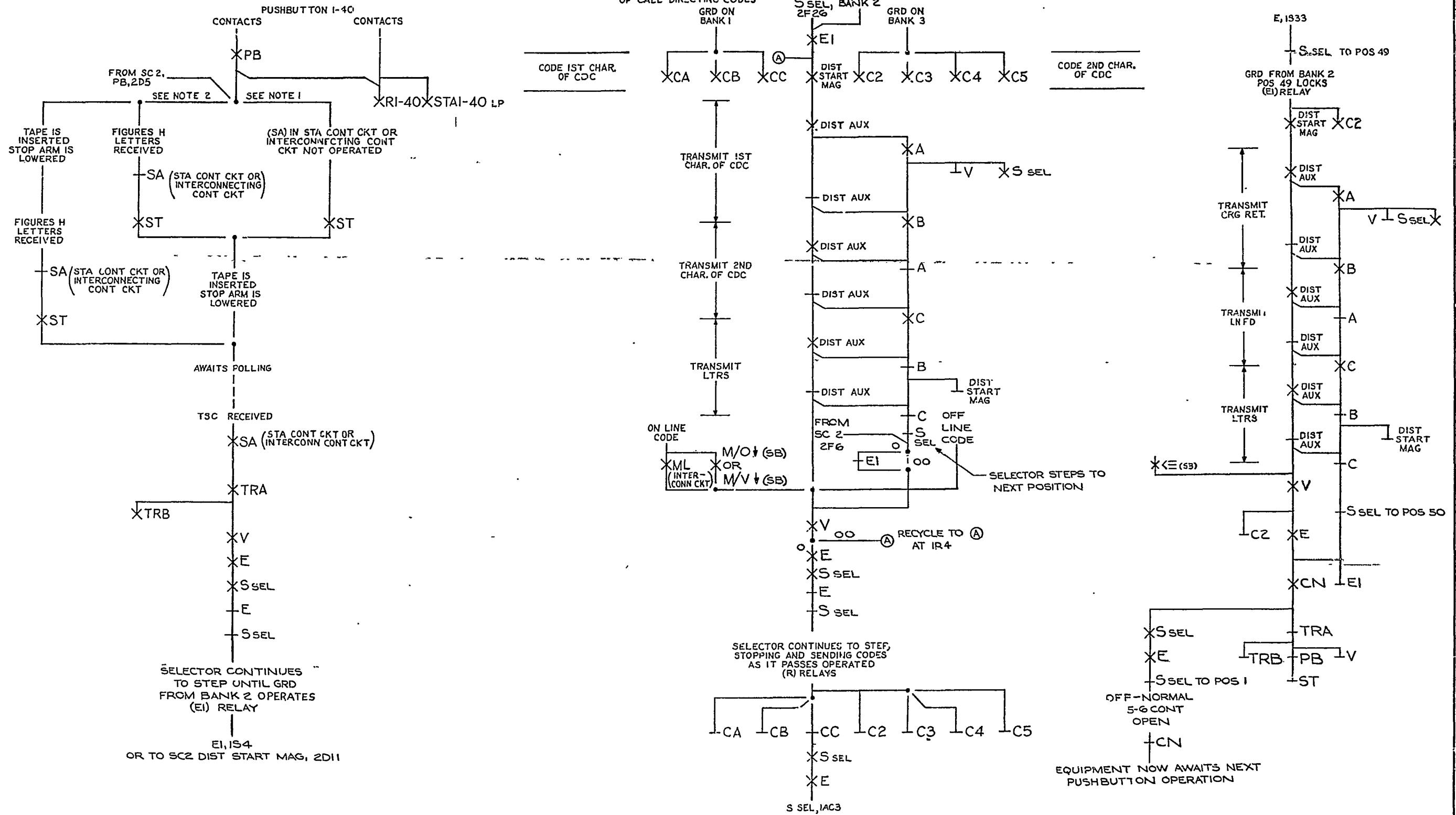
B. Y



407. OPERATE SCREW SWITCH (D) A17 WHEN ORIGINATING TIME, DATE, AND MESSAGE NUMBER IS REQUIRED FOR NO. 1 ESS ADF STATIONS.

408. OPERATE SCREW SWITCH (D) A15 WHEN NO INTERCEPT IS PROVIDED AND PUSHBUTTON CALLING CKT. IS AT A MASTER STATION.

SC 1 GENERATION AND TRANSMISSION OF CALL DIRECTING CODES

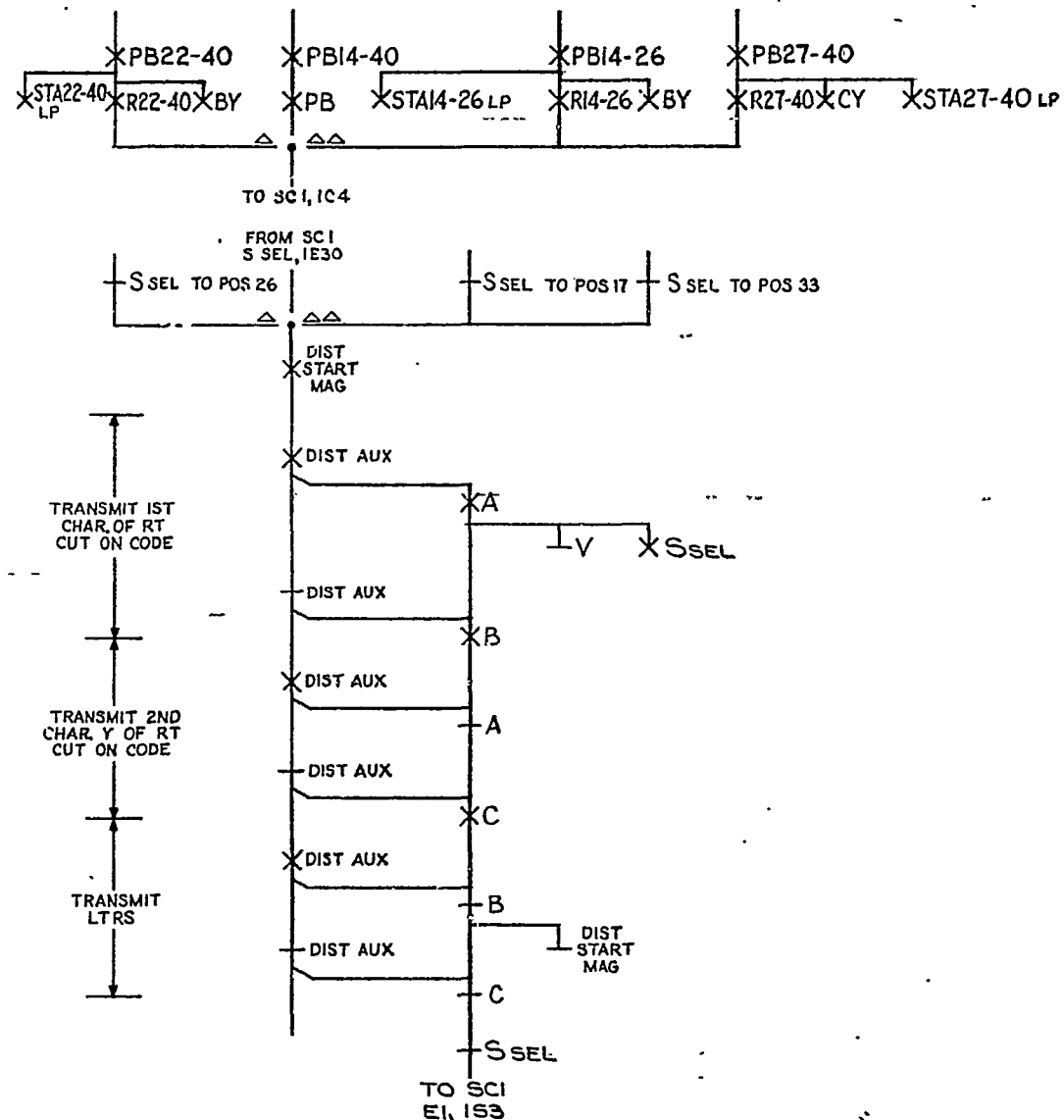


- SHEET NOTES:
1. STATION IDLE.
 2. STATION IS SENDING A MESSAGE.

A B C D E F G H J K L M N P Q R S T U V W X Y Z AA AB AC AD AE

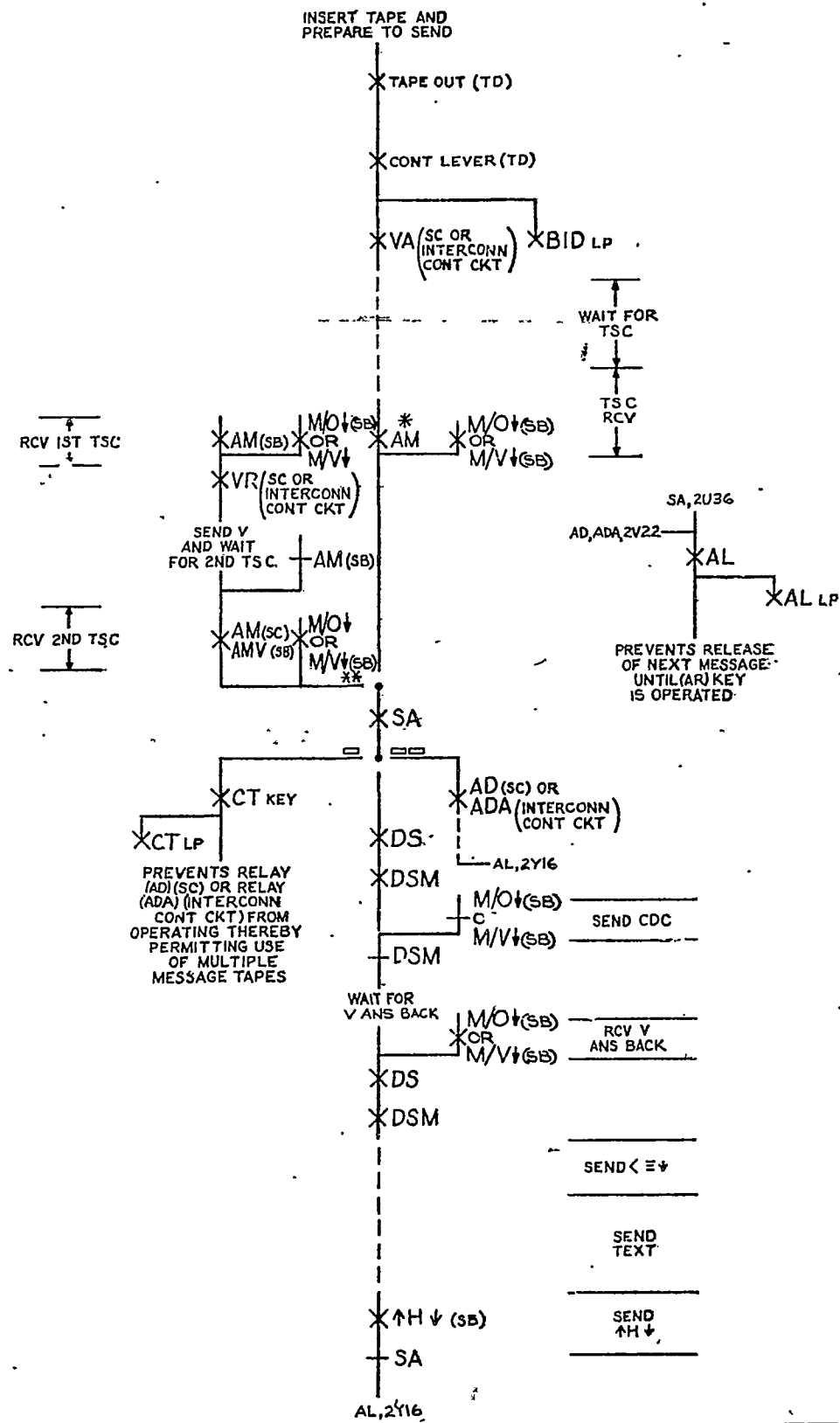
SC 2

GENERATION AND TRANSMISSION
OF RT CUT ON CODES FOR
AUTOMATIC OR MANUAL TAPE RELAY



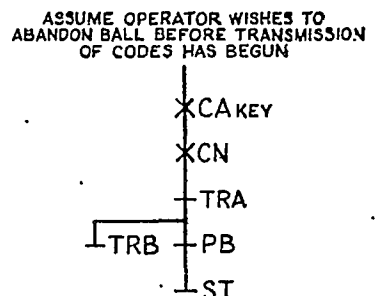
SC 3

CONTINUOUS TAPE TRANSMISSION



SC 4

CANCEL KEY



- SHEET NOTES:
- SEQUENCE CHART ABBREVIATIONS:
 - - STATION ARRANGED TO SEND ON 1ST RECEIPT OF TRANSMITTER START CODE (TSC).
 - - STATION ARRANGED TO SEND ON 2ND RECEIPT OF TRANSMITTER START CODE (TSC).
 - △ - 2 LINE RELAY
 - △△ - 3 LINE RELAY
 - - CONTINUOUS TSC (CT) KEY OPERATED.
 - - (CT) KEY NOT OPERATED.

SD-70930-01-E2

CALLING SYSTEM AND NO. 1 ESS ADF PUSHBUTTON CALLING CIRCUIT

DRAWING ISSUE	
1	AS LH 7EE
3A	JAN MA TE
4D	VO MA JH
6AR	JK

1.

PREPARATION:

- PROCEDURE:**

PUSHBUTTON CALLING CIRCUIT

BELL TELEPHONE LABORATORIES
INCORPORATED

ENTERED IN U. S. A.

CIRCUIT REQUIREMENTS

DRAWING ISSUE	
1	AE EH TE JA
3A	MA TE VO
4D	M JF
6AR	JF JB

PRICE 2

6

3-3-57
5-11-57
PUSHBUTTON CALLING CIRCUIT

② SD- 70930 - 01 - FI

BELL TELEPHONE LABORATORIES
INCORPORATED

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