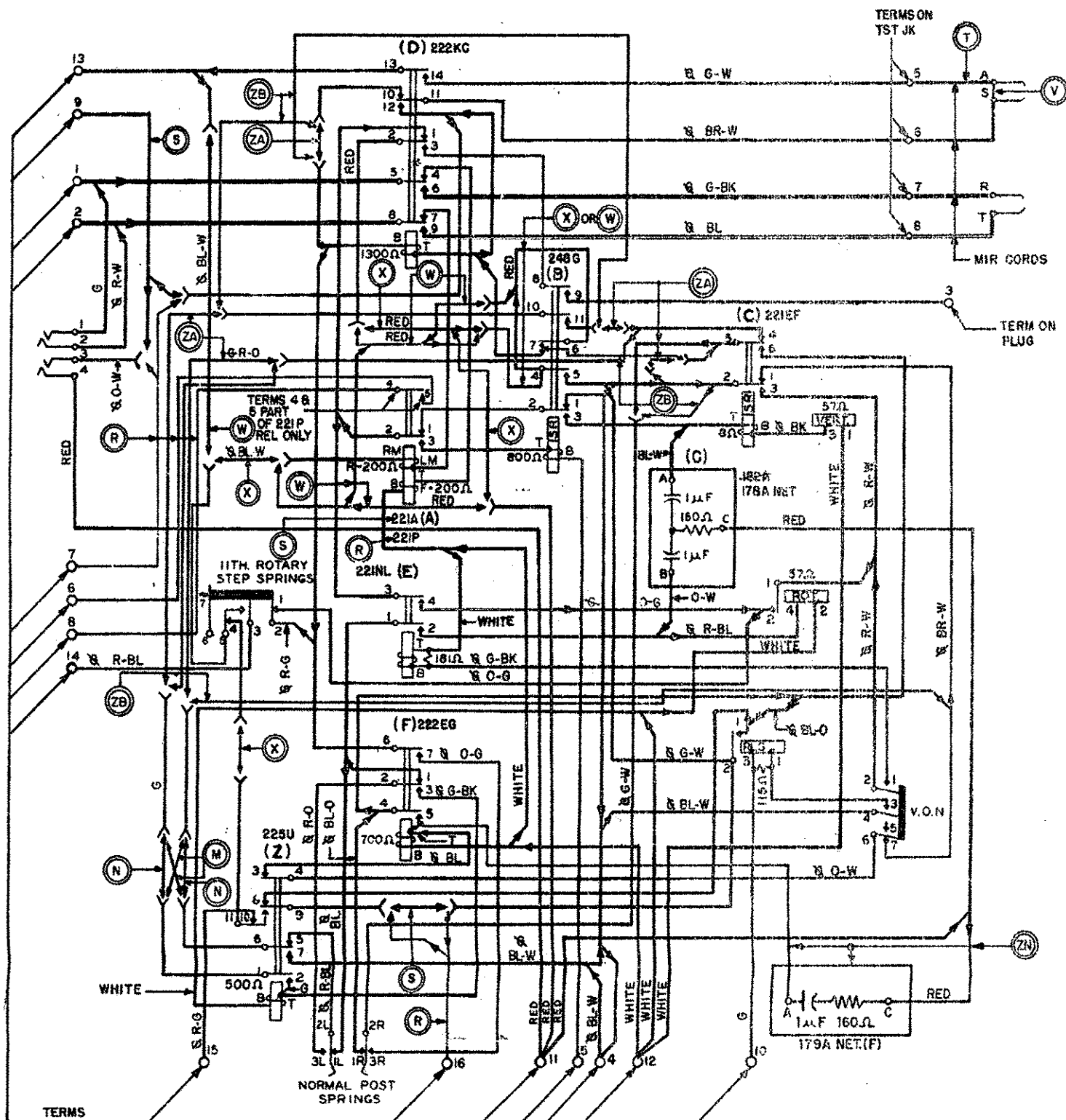
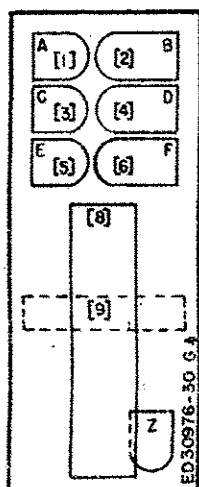


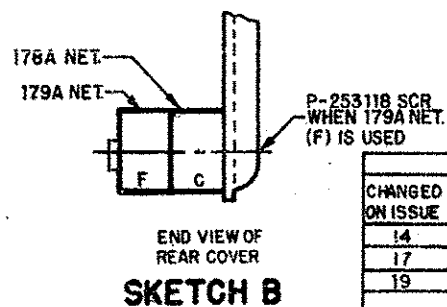
FIG. 1
SELECTOR CKT.



ALL UNCODED APPARATUS PART OF 197EU SWITCH



FRONT VIEW
SKETCH A



END VIEW OF
REAR COVER
SKETCH B

58. SPECIFY "ZB" WRG IN PLACE OF "ZA" WRG TO GUARD AGAINST A LOCKUP CONDITION WHICH OCCURS IF THE SWITCH FAILS TO RELEASE AT THE END OF A CALL AND IS THEN RESEIZED (SEE NOTE 59).
59. PROVIDE 2 FEET P-468054 GREEN 24BW WIRE TO MODIFY EACH SWITCH UNIT IN ACCORDANCE WITH NOTE 11.
60. SPECIFY "ZN" WRG & APP FOR CONTACT PROTECTION TO REDUCE THE SURGE EFFECT OF THE (F) RELAY WINDING UPON CONTACTS 4 AND 5 OF THE (B) RELAY AND FURNISH THE FOLLOWING MATERIAL FOR EACH SWITCH SO MODIFIED:
- (A) 179A NETWORK
(B) 2 P-253118 F.H.M. SCR 138-32 X 1 5/8
(C) 1 FOOT P-468054 GREEN 24BW WIRE
(D) 1 FOOT P-468059 RED 24BW WIRE

76 (AMOD OF BSP'S AA231 202 AND AA231 207 CONSISTS OF SPECIFYING SWITCHES PER ED-30976-01 TO MOUNT ON SHELVES PER J32302 AS AND J32303 J RESP.

(B) MOD OF SD-30976-01 CONSISTS OF ADDING "ZA" AND "ZB" OPTIONS SHOWN AS A PART OF ISSUE 6 AND THE OMISSION OF ALL OTHER CHANGES SHOWN ON THIS ISSUE AND OMITTING CHANGES PER ISSUE 15.

CHANGED ON ISSUE	IF OFF RECORDS DO NOT SPECIFY	THIS OPTION WAS FURNISHED	SEE NOTE	STD	RATING	A	B	M	D	SPL
14	W OR N WRG	N WRG	53	ZB	M	N	ZA			
17	ZB OR ZA WRG	ZA	53	ZB	M	N	ZA			
19	ZN WRG & APP	NONE	50	ZN						

LINE	NAME	SD-30976-01	ED-30976-30	AS SPECIFIED IN TABLE "A"	REMARKS
1	D A SEL				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					

THIS DRAWING	ISSUE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ED-30976-01	ISSUE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SD-30976-01	ISSUE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
BSP-AA231-207	ISSUE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
BSP-AA231-203	ISSUE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

52. ASSOCIATED WIRING DIAGRAMS
- T-532052 SHELF JACK WRG - 10 CAP
- T-532056 SHELF JACK WRG - 20 CAP
- T-532058 SW TEL ALM CKT - 10 CAP
- T-532059 SW TEL ALM CKT - 20 CAP
- T-532123-11 BANK WIRING

53. SPECIFY FIGURES AND OPTIONS IN ACCORDANCE WITH THE FOLLOWING:

FEATURE OR OPTION	FIG	APP OR WRG	QUANTITY
DIGIT ABSORBING SELECTOR CKT	1	N WRG	1 PER CKT
DIAL TONE AND BUSY TONE REQUIRED		X WRG	
DIAL TONE BUSY TONE SIGNAL		X WRG	
NOT REQ'D BUSY FLASH SIGNAL		X WRG	
3 WIRE TRUNKS		T WRG	
4 WIRE TRUNKS		T WRG	
NO. 1 & 350A OFFICES		S WRG	
350A OFFICE		R WRG & APP	

54. NORMAL POST SPRINGS SHALL BE ADJUSTED TO OPERATE ON SPECIFIED LEVELS AS FOLLOWS:
- (A) LEFT NPS ONLY ON LEVELS ARRANGED FOR REPEATED ABSORPTION OF DIGITS. (UNLESS "ONCE ONLY" ABSORPTION HAS PREVIOUSLY OCCURRED).
- (B) RIGHT NPS ONLY ON LEVELS ARRANGED FOR BLOCKING SERVICE. (UNLESS "ONCE ONLY" ABSORPTION HAS PREVIOUSLY OCCURRED).

- (C) BOTH LEFT & RIGHT NPS ON LEVELS ARRANGED TO ABSORB ONE DIGIT ONLY THE TIMED RELEASE RELAYS ASSOCIATED WITH GRP 3 ARE PART OF THE SHELF EQPT AS SHOWN ON J32302-1.
56. STARTING 2-1-50, ALL 197EU SWITCHES WERE EQUIPPED WITH P-463573 SPRING ASSEMBLIES IN PLACE OF P-25169.
57. WHEN B-3 IS TO BE USED AS A FIRST SELECTOR WHICH HAS ACCESS TO ANY LINES EQUIPPED WITH PERMANENT SIGNAL LOCKOUT, SPECIFY ONE J32302 LIST B FOR EACH SWITCH THEREBY PROVIDING FOR A TIMED RELEASE FEATURE ON PERMANENT SIGNALS. THE TIMED RELEASE FEATURE PER J32302 LIST B SHALL NOT BE PROVIDED FOR SELS ASSOC WITH PREPAY COIN TRUNKS.

CONT'D LOWER LEFT

GRP	QUAN	CODE	DESCRIPTION	NOTE	LINE
1	1	085D	MTG PLT E/W	SK. A	1
1	1	110A	COVER		
1	1	221A	REL POS 1		
1	1	249G	" 2		
1	1	221EF	" 3		
1	1	221KF	" 4		
1	1	222KL	" 5		
1	1	222EG	" 6		
3	1	221P	REL 1		10
1	1	197EU	SWITCH E/W	8	
1	1	225U	REL		
1	1	242A	PLUG 9R		
1	1	MIR	CORD 4" LG		15
2	1	MIR	CORDS 4 3/4" LG		
1	1	MIR	CORD 4" LG		
1	1	179A	NETWORK	SK. B	25

WIRING DIAGRAM - SCHEMATIC CROSS REFERENCE TABLE

ED- AND SD- FIG NO'S AND OPTION DESIGS ARE IN AGREEMENT

SEE BANK AND JACK WIRING DRAWINGS FOR ADDITIONAL OPTIONS

MANUFACTURING NOTES

1. (A) WIRES NOT OTHERWISE SPECIFIED TO BE 24W 24BW (B) LEADS NOT OTHERWISE COLORED TO BE GREEN.
2. DESIGNATIONS ON TERMS OF APPARATUS ARE FOR WIRING INFORMATION ONLY.
3. EQUIP CKTS PER TABLE A IN ACCORDANCE WITH THE GROUPS SPECIFIED.
4. THE GROUP NUMBERS OF THE SWITCH ORDERED SHALL BE STAMPED ON THE APP MTG PLATE.
5. THE GROUP NUMBER AT THE TOP OF THE STOCKLIST GRP COLUMN APPLIES TO ALL ITEMS FOR WHICH GROUP DESIGNATIONS ARE NOT SHOWN.
6. ADJUST THE NORMAL POST SPRINGS TO OPERATE ONLY ON THE LEVELS SPEC IN THE JOB ORDER.
7. [] INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.
8. WHEN LOCAL CABLES ARE USED FOR LEADS PASSING THROUGH MTG PLT, THE ASSOC LOCAL CABLE DWG IS LC-723-0866-1 & 2.

10. STARTING 2-1-52, ALL 197EU SWITCHES WERE EQUIPPED WITH P-463573 SPRING ASSEMBLIES IN PLACE OF P-25169.
11. MODIFY SELS TO INCLUDE "ZB" OPT AND REMOVE "ZA" OPT AS FOLLOWS WHEN SPECIFIED IN THE SPECIFICATION OR SUPPLEMENTARY ORDER.

COLOR	APP	DESIG	TERM	APP	DESIG	TERM
G	REL	(D)	10	REL	(D)	8
C	REL	(B)	7	REL	(C)	5
R-O	REL	(C)	4	REL	(Z)	1

COLOR	APP	DESIG	TERM	APP	DESIG	TERM
G	REL	(B)	10	REL	(D)	10
C	REL	(B)	7	REL	(C)	5
C	REL	(Z)	1	VON		7

RECONNECTED LEADS							
DISCONN FROM				RECONN TO		OTHER END OF LEAD	
COLOR	APP	DESIG	TERM	APP	DESIG	TERM	
G	REL	(C)	4	REL	(D)	8	REL (B) 11
C	REL	(B)	10	REL	(C)	4	REL (Z) 6
G OR G-W	REL	(C)	5	REL	(C)	2	NPS 2R

	WC	WIRING REQ'D IN ADDITION TO GRP 1 OR 3 ON ALL JOBS USING ISSUE 14 OR LATER OF THIS DWG TO IMPROVE RELEASE FUNCTIONING OF SWITCH.	1	ED-30976-30 "M" WRG (FIG 1)
	WA	WIRING REQ'D IN ADDITION TO GRP 1 OR 3 FOR BUSY FLASH SIGNAL IS REQUIRED INSTEAD OF BUSY TONE SIGNAL.	1	ED-30976-30 "M" WRG (FIG 1) OMIT "X" WRG (FIG 1)
	3	SAME AS GROUP 1 EXCEPT FOR USE IN 355A OFFICES ONLY & ARRANGED FOR USE WITH OR WITHOUT EXTERNALLY MTD EQPT FOR TIMED RLS ON PERM SIG. (SEE NOTE 55) (355A ONLY)	1	ED-30976-30 FIG 1 "R" V B X WRG "R" APP
	2	WIRING AND EQUIPMENT REQ'D IN ADDN TO GRP 1 OR GRP 3 FOR 4 WIRE OPERATION	1	ED-30976-30 "T" APP (FIG 1) OMIT "V" WRG (FIG 1)
	1	ASSEM, EQPT AND WIRING FOR ONE DIGIT ABSORBING SELECTOR - ADJUSTABLE TO ABSORB DIGITS ONCE OR REPEATEDLY AND BLOCK SERVICE ON SPEC'D LEVELS - ARRANGED FOR PEG COUNT ON CUT-THRU - BUSY TONE SIGNAL AND 3-WIRE OPERATION (NO. 1 OR 350A ONLY)	1	ED-30976-30 FIG 1 "S" V B X WRG "S" APP
				</

REPLACED BY ED-30976-31

ED-30976-30

STEP BY STEP SYSTEMS

NO. 1, 350A OR 355A

DIGIT ABSORBING SELECTOR

3 OR 4 WIRE

ARRANGED TO ABSORB DIGITS ONCE ONLY AND/OR REPEATEDLY

AND TO RETURN OVERFLOW SIGNAL

ARRANGED FOR PEG COUNT

ON CUT-THRU - BUSY TONE SIGNAL

AND PEG COUNT ON CUT-THRU

SURFACE WIRING

(D A SEL)

MFR DISC

R 3

ED-30976-30

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