



RECORD OF FIGURES, APPARATUS AND WIRING CHANGES										
CHANGED ON/ISSUE	IF OFFICE RECORDS SPECIFY	THIS OPTION DO NOT SPECIFY	WAS FURNISHED	SEE NOTE	STO	A	B	M	D	SPL
7	ZF	WRO & APP	HZF	59						

WIRING DIAGRAM-SCHEMATIC CROSS REFERENCE TABLE										
T-31771-14					SD-31771-01					
LINE	FIG	WRG	APP	IF OFF THIS OPTION WAS FURNISHED	LINE	FIG	WRG	APP	REMARKS	
1	1				50	50	50	12	H, M, Y	
2	3				51	51	51	3		
3	4				52	52	52	4		
4	5				53	53	53	5		
5	6				54	54	54	6		
6	7				55	55	55	7		
7	8				56	56	56	8		
8	9				57	57	57	9		
9	10				58	58	58	10		
10	11				59	59	59	11		
11	12				60	60	60	12		

TABLE A																						
DISTRIBUTION OF MASTER OFFICE TRUNK CKTS ON (A) BANK																						
FIG NO	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

**MANUFACTURING NOTES**

- Wires not otherwise specified to be 24C
- "P" denotes pair
- "K2" top left term viewed from surface wrg side
- "K3" bottom left term viewed from surface wrg side
- "1M" "2M" "3M" or "4M" denotes 1, 2, 3 or 4 conductor jumper wire
- "C" wrg to be separate cable sewed to outside of regular cable
- "B" denotes term nearest mounting plate
- "F" or "F1" bring from cable form at separate stitch
- "PT" denotes leads part of app
- All leads in Figs. 53 to 56 & leads design 0 in Fig. 1 & leads in SWD CA are to be run by the installer
- Shop shall connect "S" wrg in all cases. Installer shall cut "S" wrg except where this trunk is connected directly to a connector terminal not equipped with a line circuit
- (a) The non-working term of the (A) sel mult (T, R, S, & A) shall be mult by means of straps to the last working term at the dist fr when not strapped by the shop on the unit term strip
- (b) When no strapping fig. is specified in order the shop shall strap in accordance with fig. 26
- Only one associated colored lead will be found at bank (A), (CONDARY RES) for lowest numbered ckt
- "LP" leads to be looped at pos of app when not equipped

**ENGINEERING NOTES**

51. THIS DRAWING ADDRESS WITH T-31771-01 ISSUE 17

52. T-30427-27 C.C. LINE CKTS  
T-31150-14 REC COMP TRK  
T-31205-24 MISC ALM  
T-31770-11 TRK F  
T-31798-14 MISC ALM  
T-31974-12 MISC ALM  
T-31694 DPTS MULT  
T-31712-13 TRK CKT (350A)  
T-32042-12 REC COMP TRK

53. EQUIPMENT ARRANGEMENT PER J33016-1

54. SPECIFY ONE FIG. 1 PER INTERCEPTING TRK CKT WHERE INTERCEPTING TRAFFIC IS ROUTED TO TRK CKTS USED BY SUBSCRIBERS FOR CALLS TO THE OPERATOR

55. SPECIFY OPTIONS AS SHOWN IN FOLLOWING TABLE:

FEATURE OR OPTION	FIG.	WRG	APP
WHERE INTERCEPTING TRAFFIC IS ROUTED TO TRK CKTS USED BY SUBSCRIBERS FOR CALLS TO THE OPERATOR	(I)		K
WHERE OTHER THAN VIBRATING REED TYPE RINGING CONVERTOR IS USED	(I)		L
WHERE CONNECTED DIRECTLY TO THE MULT OF TERM PER LINE CONNECTORS FOR INTERCEPTING	(I)		R
WHERE NEITHER "T" NOR "R" WIRING IS USED	(I)		S
WHERE CONNECTED DIRECTLY TO CONNECTOR TERMS NOT EQUIPPED WITH LINE CKT	(I)		S
DIRECTLY CONNECTED TO CONNECTORS HAVING TRIPPING REL IN RINGING SUPPLY OR WHERE "B" WRG (FIG. 1) IS USED	A		
WHERE ANY CALLS MAY USE - SUPERIMPOSED RINGING	(A)	N	N
WHERE NO CALLS USE - SUPERIMPOSED RINGING	(A)		J
WHERE DIRECTLY CONN TO CONNECTORS HAVING TRIPPING REL IN GRD. RETURN PATH & USING "T" OR "R" WRG.	B		
DISTINCTIVE TONE FOR INTERCEPT CALLS (INTERCEPTED LOCAL SEL LEVELS SHALL NOT BE CONNECTED DIRECTLY TO MASTER OFFICE OR OPERATOR TRKS)	3 & 4		

56. THE NON-WORKING TERMS OF THE (A) SEL MULT. (T, R, S & A) SHALL BE MULT. BY MEANS OF STRAPS TO THE LAST WORKING TERM, EITHER AT THE ASSOC DISTG. FR. T.S., WHEN FURNISHED, OR AT THE UNIT T.S.

57. SPECIFY CROSS CONNECTING FIGS AS REQ'D.

58. (A) SPEC. STRAPPING CONN PER FIG. 6 TO 26 OF TABLE "A" IN ACCORDANCE WITH NUMBER OF MASTER OFFICE TRKS USED WHEN CABLED DIRECT PER FIG. 56

(B) WHEN TRKS ARE CABLED THRU DIST FRAME STRAPPING IS TO BE DONE BY THE INSTALLER PER FIG. 60

59. SPECIFY "ZF" WRG & APP (FIG. 4) WHEN AUTOMATIC LOOP TESTING IS REQUIRED AND CIRCUIT SERVES TERMINAL PER STATION CONNECTOR AND T-31771-11 (FIG. 1) "B" WRG. REMOVE "H2" APP.

60. MOD OF SD-31771-01 CONSISTS OF USING PCHG. 20 FOR RING GRD. CONN. B IN FIG. 60 DESIGNATING 4TH LEAD TO TRUNK CKT, & ASSOCIATED DISTRIBUTING FRAME TERM. A OR OMITTING ISSUES 9 TO 15 AND 2H OPTION OF ISSUE 16.

REPLACED BY T-31771-W-17

T-31771-14

STEP BY STEP SYSTEMS  
NO. 1, 350A OR 355A  
INTERCEPTING TRUNK CIRCUIT  
FROM TRUNK FINDER OR INTERCEPTING TRUNK  
TO TRUNK TO DIST. FRAME  
ARRANGED TO TRIP RINGING ONLY DURING  
RINGING INTERVAL.

FEET WIRE  
X 22C R-W  
X 20AM S  
X R-K  
X Y-G  
X R-W

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

U 4

T-31771-14

WESTERN ELECTRIC COMPANY, INC.