

SD-90625-01

BELL TELEPHONE LABORATORIES, INC.

DWG ISS	C.D. ISSUE	DATE OF ISSUE	APPROVED	
1	1	5-31-32	W.H.M. I.	W.E.D. 11-18-32
2	2	4-12-33	W.H.M. I.	W.E.D. 10-20-33
3	3	7-26-34	W.L.F. I.	W.E.D. 10-2-34
4	4	9-21-36	F.J.S.	W.E.D.
5	5	5-22-40	W.L.F. I.	W.E.D.
6	6	6-12-41	W.L.F. I.	W.E.D.
7	7	2-14-42	W.L.F. I.	W.E.D.
8	8	3-17-52	D.S.CO. J.B.S.	B.P. C.G.M.

COMMON SYSTEMS
SERVICE OBSERVING DESKS AND
SERVICE OBSERVING SETS
KEY SHEET

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PAGE TITLE	PAGE
CURRENT DRAIN CHART	7
SERVICE OBSERVING DESKS:	
DESK NO. 4	1
DESK NO. 7	2
DESK NO. 9	3
DESK NO. 10	4
DESK NO. 11	4
DESK NO. 12	6
SERVICE OBSERVING SETS:	
SET NO. 4	5
SET NO. 6	5

PRINTED IN U.S.A.

AT&TCO
STANDARD

FOR EXPLANATION OF CONVENTIONS SEE MASTER
KEY SHEET SD-90250-01.

SD-90625-01

A

B

C

D

E

F

SERVICE OBSERVING DESK NO. 4

S.O. DESK NO. 4 FOR OBS. COMMERCIAL OFF. CALLS SD-90081-02 C

NO. 523 TYPE SUB. SETS OR SUB. LINE CKT. IN MAN. PAN. OR S. BY S. OFF.
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G

H

I

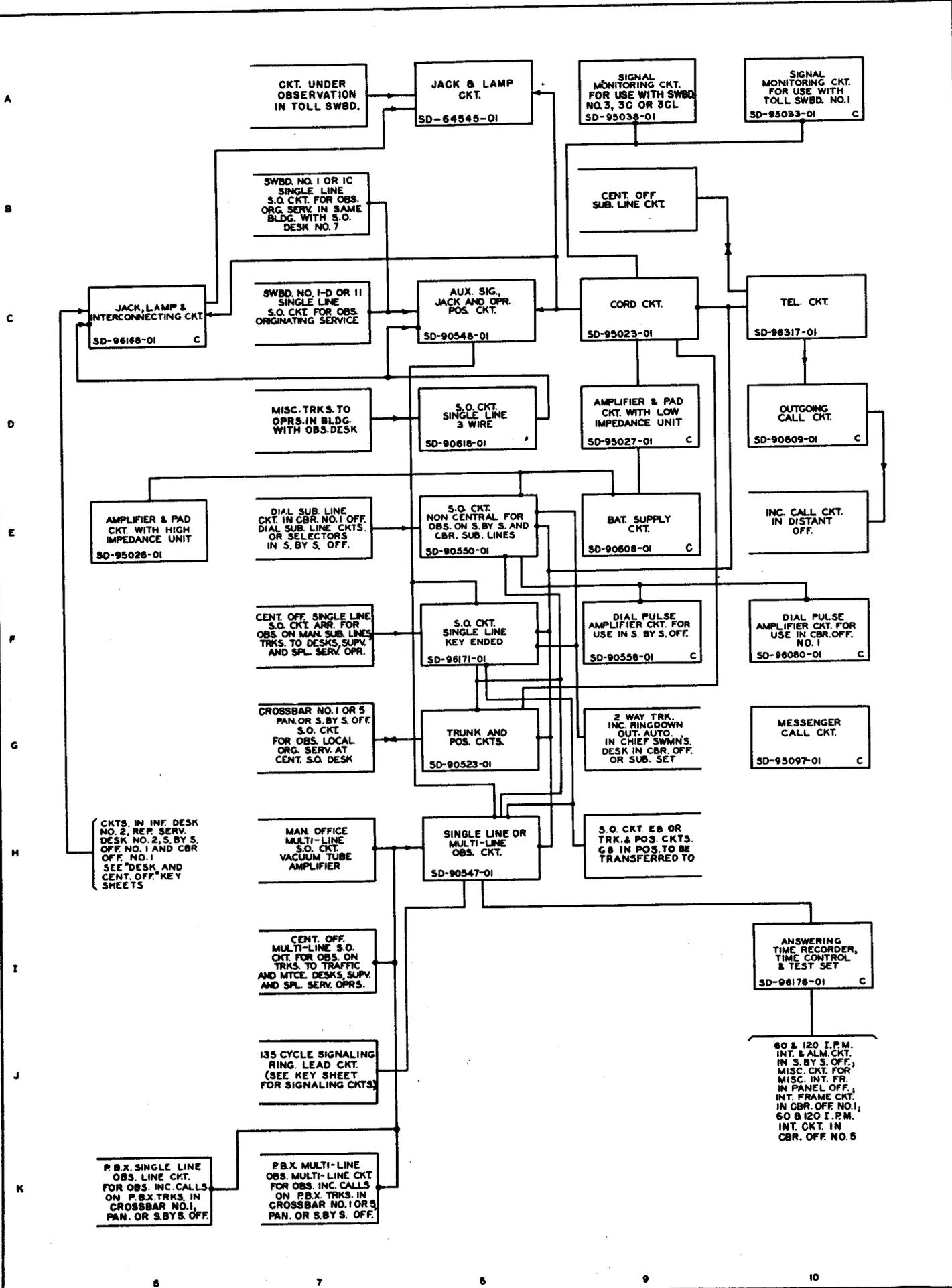
1

2

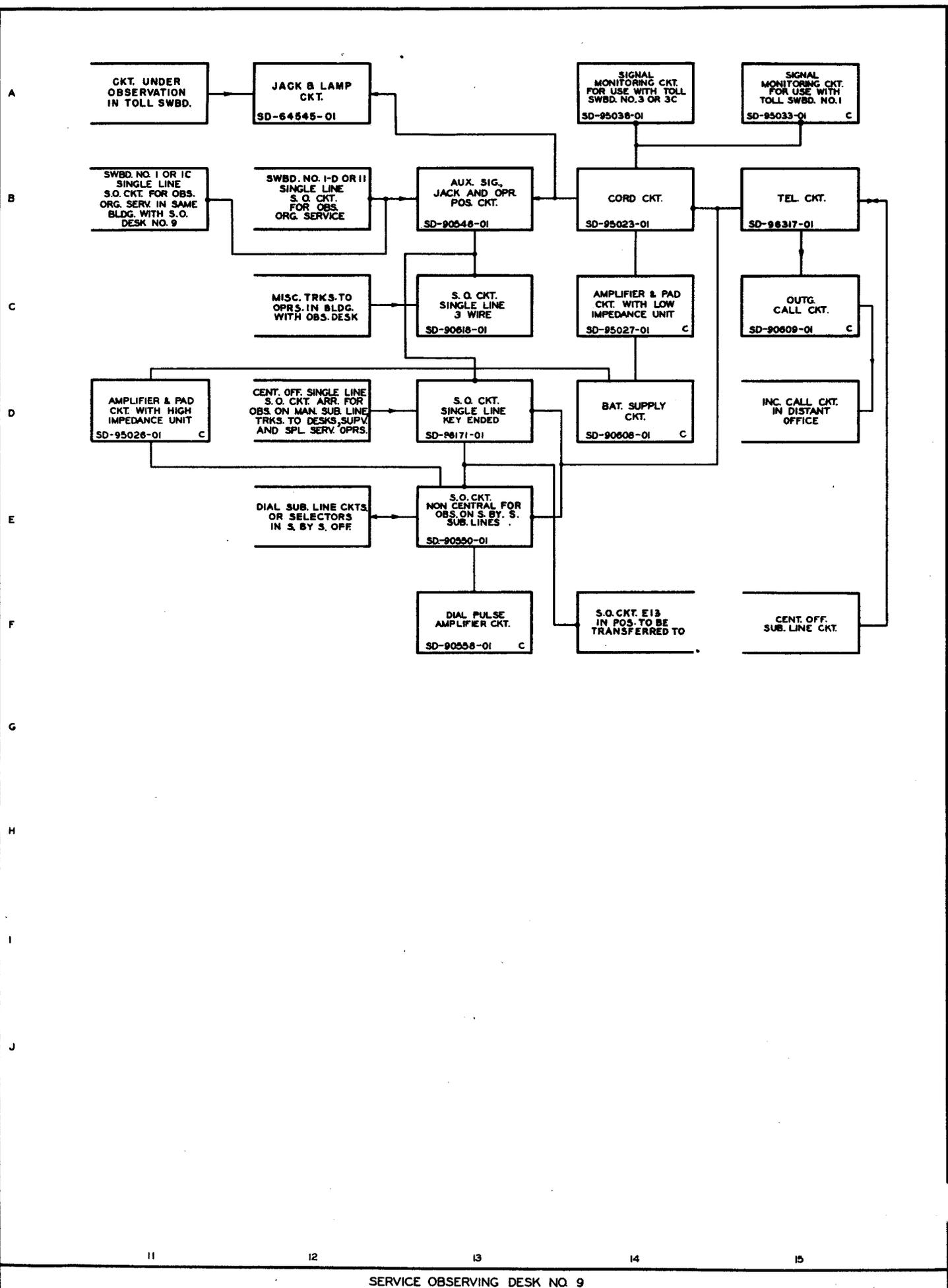
3

4

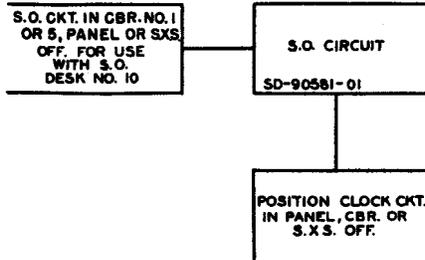
5



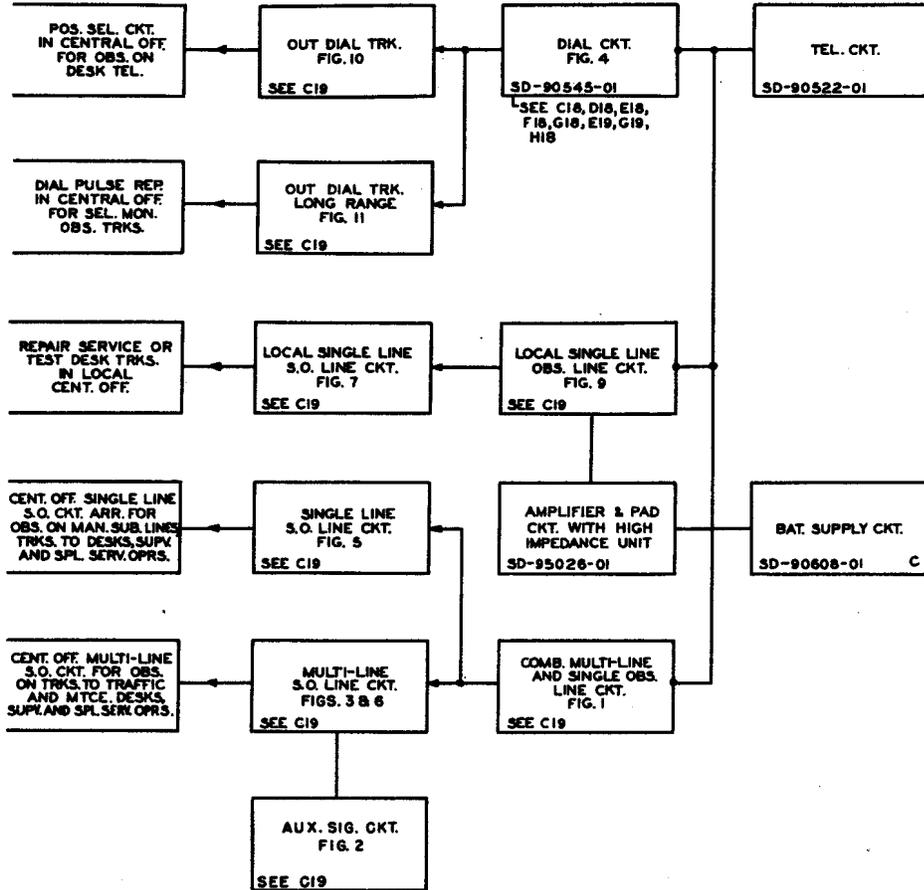
SERVICE OBSERVING DESK NO. 7

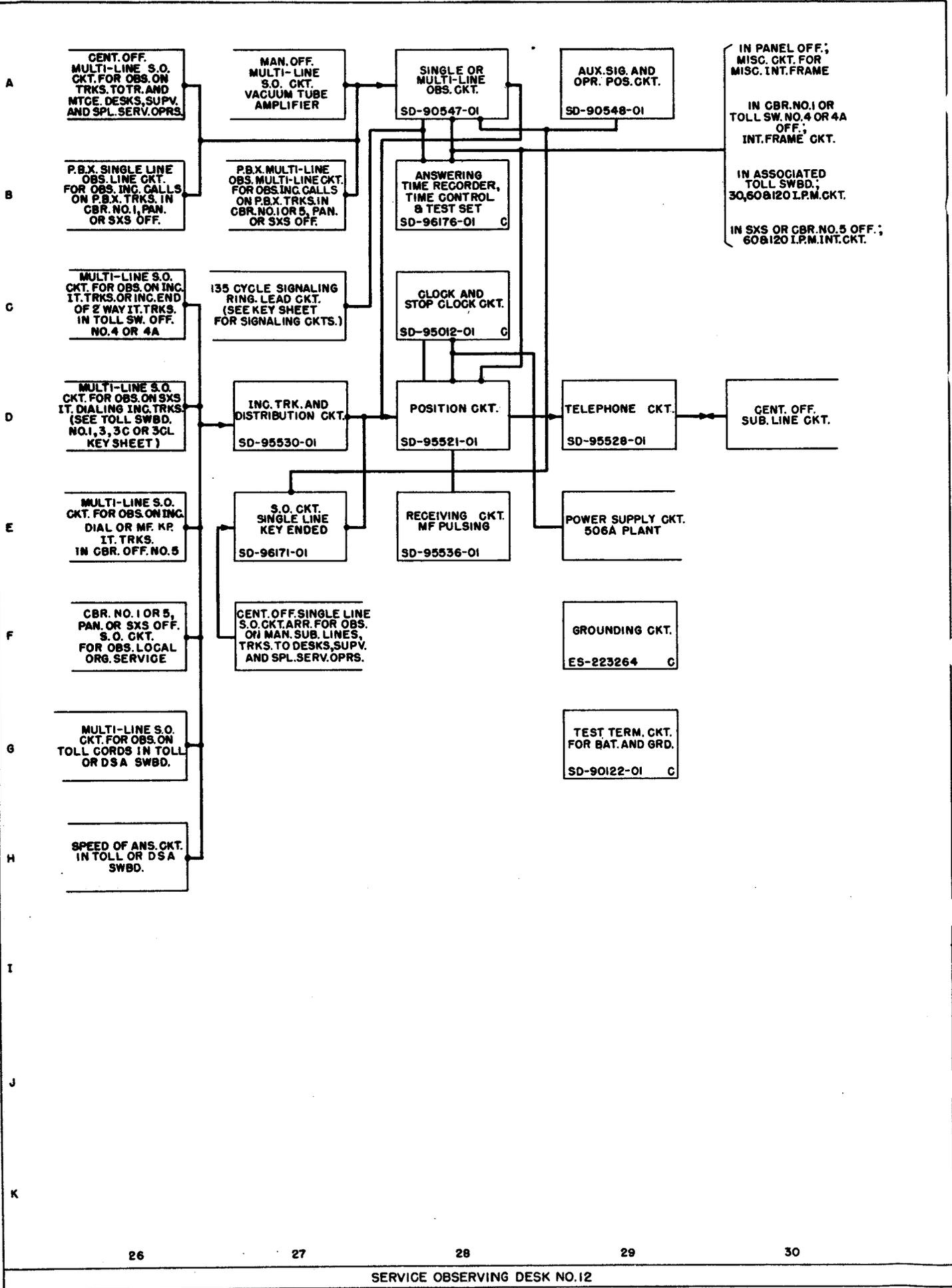


SERVICE OBSERVING DESK NO. 10



SERVICE OBSERVING DESK NO. 11





**CURRENT DRAIN
AMPERE HOURS PER BUSY HOUR**

CIRCUIT DRAWINGS		SEE NOTE NO.	DRAINS LIST 1				DRAINS LIST 2											
			48 VOLTS		24 VOLTS		48 VOLTS				24 VOLTS							
CIRCUIT TITLE	CIRCUIT NO.		SIG. BAT.	TALK. BAT.	SIG. BAT.	TALK. BAT.	SIG. BAT.	TALK. BAT.	DESK GRD.	R.R. GRD.	F.B. GRD.	SIG. BAT.	TALK. BAT.	FR. GRD.	R.R. GRD.	F.B. GRD.	DESK GRD.	
AMPLIFIER & PAD	SD-95026-01	21, 22		F.500	P.007			F.278				P.004				F.278		
CORD	SD-95023-01				.130							.130			.023			
JACK & LAMP	SD-64545-01	27, 29 28, 30			.002 .011							.004 .023			.004 .023			
J.K. & OPR. POS.	SD-90548-01	3 4			.032 .002							.040 .003					.087 .003	
OBSERVING SET	SD-90410-01	13 14 15 16		.250		.030 .037		.250			.250	.030 .037					.040 .037	
" SERVICE	SD-90545-01	2 6	.200 .011		.375 .006		.200 .011			.070 .011		.375 .006			.140 .006		.235	
" MULTI-LINE	SD-90547-01	8 9				.054 .046							.070 .064				.064	
" NON-CENTRAL SERVICE	SD-90550-01		.112		.050		.112		.075	.027		.050			.050			
" SINGLE LINE	SD-90618-01				.004		.370		.370			.004			.012			
" P.B.X.	SD-96031-01	10 11				.010 .010							.028 .028				.031 .028	
" SINGLE LINE	SD-96171-01	12, 18 12, 18			.103 .040							.103 .040			.050 .003		.080 .040	
POSITION	SD-95521-01	24 25 26	1.685 5.460 5.600				.995 3.210 3.296			.995 2.660 2.960							.325 3.25	
RECEIVING, MF	SD-95536-01	22	.094		P.128		.098			.215		P.125						
SIGNAL MONITORING	SD-95038-01	20	.028	G.017	.130	H.300	.028	G.017		.028	J.017	.130	H.300		.430			
TELEPHONE	SD-90522-01								.220									
TELEPHONE	SD-96317-01	5		.030	.073		.030			.030	.073				.067		.010	
TELEPHONE	SD-95528-01		.148			.148			.175			.128					.128	
TRUNK & POSITION	SD-90523-01	1 2	.065 .400		.030 .080		.065 .400			.085 .360		.040 .080			.040 .080			
TRK. INC. & POS.	SD-95530-01	23	.325			.1248				1.163								

NOTES:

- | | | |
|---|---|--|
| <ol style="list-style-type: none"> 1. DRAINS PER TRK. PER POSITION. 2. DRAINS PER POSITION. 3. DRAINS FOR POSITION & PILOT CKTS. 4. DRAINS FOR JACK CKT. 5. ADD PER 16 LAMPS 6. 7. 8. DRAINS PER LINE 9. DRAINS PER LINE PER POSITION 10. DRAINS PER OBS. LINE 11. DRAINS PER POS. PER OBS. LINE 12. DRAINS PER OBS. CKT. 13. DRAINS FOR MON. & AMPLIFIER CKT 14. DRAINS FOR IND. OBS. CKT. | <ol style="list-style-type: none"> 15. DRAINS FOR BAT. SUPPLY CKT. 16. DRAINS FOR AMPLIFIER SUPPLY CKT. 17. 18. "E" INDICATES DESK OR R.R. GRD. 19. 20. "G" INDICATES 130V. PLATE BAT.
"H" INDICATES SIG. OR FIL. 24V. BAT.
"J" INDICATES 130V. R.R. GRD. 21. "F" INDICATES 24V. OR 48V. FIL. BAT.
& GRD. AS SPEC., NOT BOTH. 22. "P" INDICATES 130V. PLATE BAT. 23. DRAINS PER DESK (4 POSITIONS). 24. DRAINS PER LOC. SUB. SERV. OBS.
POSITION. | <ol style="list-style-type: none"> 25. DRAINS PER TOLL SERV. OBS.
POSITION. 26. DRAINS PER LOC. SUB. & TOLL SERV.
OBS. POSITION. 27. DRAIN PER AI ANS. LAMP. 28. DRAIN PER G2 BUSY LAMP. 29. BAT. DRAIN SHOWN ON THIS CKT.
IS FUSED ON CONNECTING CKT. 30. DRAINS SHOWN APPLY WHETHER
24V. OR 48V. BAT. IS USED. |
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