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SHEET INDEX SUPPORTING INFORMATION	A1	A1	98	99	100	101																					
		A2	98	99	100	101																					
SHEET INDEX	A2	A3	98	99	100	101																					
	A3	A4	98	99	100	101																					
	A4	A5	98	99	100	101																					
	A5	A6	98	99	100	101																					
	A6	A7	98	99	100	101																					
RESERVED		A8																									
	A7	A9	98	99	100	101																					
	A8	A10	98	99	100	101																					
	A9	A11	98	99	100	101																					
	A10	A12	98	99	100	101																					
	A11	A13	98	99	100	101																					
APPARATUS INDEX	A12	A14	98	98	100	100																					
	A13	A15	98	99	100	100																					
INDEX OF CONNECTING CIRCUITS	A14	A16	98	99	99	99																					
	A15	A17	98	98	100	100																					
	A16	A18	98	98	100	100																					
	A17	A19	98	98	98	101																					
LEAD INDEX FOR TABLE I	A18	A20	98	98	98	98																					
	A19	A21	98	98	100	100																					
	A20	A22	98	98	98	98																					
	A21	A23	98	98	100	101																					
	A22	A24	98	98	98	98																					
	A24	A25	98	99	99	99																					
TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE I	A22	A26	98	98	100	101																					
	A23	A27	98	98	98	98																					
	A24																										

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGE OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. ~~SHEETS THAT~~ ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

SUPPORTING INFORMATION

CATEGORY	NO.	
MASTER TEST CONNECTOR FR SUPL MASTER TEST CONNECTOR FR	ED-26107-01 ED-26108-01	A64 ONLY
AUX MASTER TEST CONNECTOR FR	ED-26109-01	A64 ONLY
MASTER TEST CONN FR FOR DIAL TONE MARKERS SUPL AUX MASTER TEST CONNECTOR FR	ED-26605-01 J28153H	A64 ONLY
PRETRANSLATOR FR	J28756A	
MASTER TEST CONNECTOR FR AUX MASTER TEST CONNECTOR FR	J28153E J28153F	
MASTER TEST CONNECTOR FR FOR DIAL TONE MARKERS	J28153G	
MASTER TEST CONNECTOR CONTROL & PREF UNIT FOR ANI TRANSVERTERS WIDEBAND AUXILIARY	J28153AE	
MASTER TEST CONNECTOR UNIT	J28153AJ	
MASTER TEST CONNECTOR UNIT FOR ANI TRANSVERTERS	ED-27143-()	
MASTER TEST CONNECTOR EXTENSION UNIT	ED-27555-()	
2/5 CONVERSION UNITS A-D	J28153AF-AG & AT	
WIDEBAND AUX MTC UNIT	J28153AJ	
PRETRANSLATOR CONNECTOR CONTROL UNIT	J28153AN	
PRETRANSLATOR CONNECTOR CONTROL UNIT ASSEMBLY	J28153AP	
MTC "GO" RELAY UNIT	J28153AR	
MTC REMOTE OFFICE TEST PREFERENCE UNIT	J28153AS	
MTC "HO" RELAY UNIT	J28153AU	
EQPT DESIGN REQT 2SMTC	J28155, J27856 J28153AK	

DWG ISS	CD ISSUE	DWG ISS	CD ISSUE	DWG ISS	CD ISSUE
1	1	2A	1 APP 1A	3AR	1 APP2AR
4AR	2AR	5D	2AR APP 1D	6A	2AR APP 2A
7A	2AR APP 3A	8D	2AR APP 4D	9D	3D
10D	3D APP 1D	11D	3D APP 2D	12D	4D
13D	4D APP 1D	14D	5D	15D	6D
16D	7D	17A	7D APP 1A	18D	7D APP 2D
19A	7D APP 3A	20D	7D APP 4D	21A	7D APP 5A
22D	8D	23D	8D APP 1D	24D	9D
25D	9D APP 1D	26A	9D APP 2A	27A	9D APP 3A
28B	9D APP 4B	29D	9D APP 5D	30AR	9D APP6AR
31D	9D APP 7D	32D	9D APP 8D	33D	9D APP 9D
34AR	9D APP 10AR	35A	9D APP 11A	36D	10D
37AR	10D APP 1AR	38AR	10D APP 2AR	39D	10D APP 3D
40AC	10D APP 4AC	41A	10D APP 5A	42D	10D APP 6D
43D	10D APP 7D	44A	10D APP 8A	45D	10D APP 9D
46AR	10D APP 10AR	47AC	11AC	48D	11AC APP 1D
49AR	11AC APP 2AR	50AC	12AC	51B	12AC APP 1B
52D	12AC APP 2D	53AR	13AR	54AC	13AR APP 1AC
55D	13AR APP 2D	56D	13AR APP 3D	57A	13AR APP 4A
58A	13AR APP 5A	59D	13AR APP 6D	60D	13AR APP 7D
61A	13AR APP 8A	62D	14D	63A	14D APP 1A
64D	14D APP 2D	65A	14D APP 3A	66D	14D APP 4D
67A	14D APP 5A	68D	14D APP 6D	69A	14D APP 7A
70D	14D APP 8D	71D	14D APP 9D	72A	14D APP 10A
73D	14D APP 11D	74A	14D APP 12A	75D	14D APP 13D
76A	14D APP 14A	77D	14D APP 15D	78A	14D APP 16A
79D	14D APP 17D	80A	14D APP 18A	81D	14D APP 19D
82B	14D APP 20B	83D	14D APP 21D	84A	14D APP 22A
85D	14D APP 23D	86A	14D APP 24A	87B	14D APP 25B
88A	14D APP 26A	89B	14D APP 27B	90B	14D APP 28B
91A	14D APP 29A	92B	15B	93A	15B APP 1A
94A	15B APP 2A	95B	15B APP 3B	96B	15B APP 4B
97A	15B APP 5A				

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
98B	15B APP 6B	1-20-81	CDI SSR LG	HEWB DAS RW
99A	15B APP 7A	1-20-81	CDI SSR LG	HEWB DAS RW
100B	15B APP 8B	11-11-81	CDI JRE STA	HEWB DAS RW
101A	15B APP 9A	11-11-81	CDI JRE STA	HEWB DAS RW

LB LE DH K

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

REPLACED BY SD-27718-01

3C02

CROSSBAR SYSTEMS
NO. 5
MASTER TEST FRAME CONNECTOR CKT
(MTC)

MFR DISC

DWG SIZE 6S | ISSUE 101A

BELL LABORATORIES | SD-25805-01- | A1 503 SHEETS

E-7410 (8-78) PRINTED IN U.S.A.

SD-25805-01-A1

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LEAD INDEX FOR TABLE IA	A29	98	98	98	98																					
	A30	98	98	98	98																					
	A31	98	98	98	98																					
	A32	98	98	98	98																					
	A33	98	98	98	98																					
	A34	98	98	98	98																					
	A35	98	98	98	98																					
	A36	98	98	98	98																					
	A37	98	98	98	98																					
	A38	98	98	98	98																					
	A39	98	98	98	98																					
	A40	98	98	98	98																					
	A41	98	99	98	98																					
	A42	98	98	98	98																					
	A43	98	98	98	98																					
	A44	98	98	98	98																					
	A45	98	98	98	98																					
TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE IA	A46	98	98	98	98																					
	A47	98	98	98	98																					
	A48	98	98	98	98																					
	A49	98	98	98	98																					
INDEX OF CONNECTING CIRCUITS	A50	98	99	99	99																					
LEAD INDEX FOR TABLE IB	A51	98	98	98	98																					
	A52	98	98	98	98																					
	A53	98	98	98	98																					
	A54	98	98	98	98																					
	A55	98	98	98	98																					
	A56	98	98	98	98																					
	A57	98	98	98	98																					
	A58	98	98	98	98																					
	A59	98	98	98	98																					
	A60	98	98	98	98																					
	A61	98	99	99	99																					
	A62	98	98	98	98																					
	A63	98	98	98	98																					
	A64	98	98	98	98																					
	A65	98	98	98	98																					
	A66	98	98	98	98																					
	A67	98	98	98	98																					
	A68	98	98	98	98																					
TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE IB	A69	98	98	98	98																					
	A70	98	98	98	98																					
	A71	98	98	98	98																					
	A72	98	98	98	98																					

CONTENTS	SHEET NO. PRIOR TO ISSUE 98B	SHEET NO. CURRENT ISSUE	ISSUE NO. 98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
INDEX OF CONNECTING CIRCUITS		A73	98	98	98	98																					
LEAD INDEX FOR TABLE ID		A74	98	98	98	98																					
INDEX OF CONNECTING CIRCUITS		A75	98	99	99	99																					
LEAD INDEX FOR TABLE IE		A76	98	98	98	98																					
		A77	98	98	98	98																					
		A78	98	98	98	98																					
		A79	98	98	98	98																					
		A80	98	98	98	98																					
		A81	98	98	98	98																					
		A82	98	98	98	98																					
		A83	98	98	98	98																					
		A84	98	98	98	98																					
		A85	98	99	99	99																					
		A86	98	98	98	98																					
		A87	98	98	98	98																					
		A88	98	98	98	98																					
		A89	98	98	98	98																					
TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE IE		A90	98	98	98	98																					
		A91	98	98	98	98																					
		A92	98	98	98	98																					
		A93	98	98	98	98																					
OPTION INDEX	A25	A94	98	98	100	101																					
	A26	A95	98	98	100	101																					
		A96	98	98	100	100																					
	A27	A97	98	98	98	98																					
	A28	A98	98	98	98	98																					
	A29	A99	98	99	99	101																					

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 101A
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FS 1 PREFERENCE	TRANSVERTER & SIMULATED TRANSVERTER	B1A*	96	96	96	96	96	96																			
	AMA RECORDERS, MASTER TIMER, LINE INSULATION TEST	B1B	96	97	97	97	97	97																			
	PRETRANSLATORS	B1C	92	92	92	92	92	92																			
	MARKERS	B1D	91	91	98	98	98	98																			
	TEST CIRCUITS	B1E	96	96	96	99	99	99																			
	LINE CONCENTRATORS, MASTER TEST CONTROL, AUTOMATIC MONITOR	B1F	96	96	96	96	96	96																			
FS 2 CONNECTOR OFF-NORMAL & TROUBLE RECORD COMPLETED		B2	96	97	97	97	97	101																			
FS 3 TROUBLE RECORDER START		B3	96	97	98	98	98	98																			
FS 4 AUXILIARY TEST PREFERENCE		B4	96	96	96	96	96	96																			
FS 5 TEST START		B5	96	97	97	97	97	97																			
FS 6 BUSY TEST, TEST START & TROUBLE INDICATOR		B6	96	97	98	98	100	100																			
FS 7 MARKER SELECTION		B7	96	96	96	96	96	96																			
FS 8 TRANSVERTER SELECTION		B8	89	89	89	89	89	89																			
FS 9 TRANSVERTER CONTROL FS 10 PRETRANSLATOR SELECTION FS 11 PRETRANSLATOR CONTROL		B9	96	97	98	98	98	98																			
FS 12 LINE LINK/TRUNK LINK LT/TT, TRA AND TST RELAY OPERATION		B10	95	95	95	95	95	101																			
FS 13 MARKER/TRANSVERTER TEST,RCCK AND NUMBER GROUP CONNECTOR NUMBER		B11	96	97	97	97	97	97																			
FS 14 TROUBLE RECORDER BUSY OR OUT-OF-SERVICE		B12	96	96	96	96	96	96																			
		B13	96	96	96	96	96	101																			
		B14	79	79	79	79	79	79																			
FS 15 NO TEST CONNECTOR PREFERENCE		B15	79	79	79	79	79	79																			
FS 16 CONNECTOR RELAY CONTROL FS 17 COMBINED OR COMPLETING MARKER CONNECTOR		B16A*	93	93	98	99	99	99																			
FS 18 COMPLETING MARKER CONNECTOR		B16B	96	96	96	96	100	100																			
FS 19 DIAL TONE MARKER CONNECTOR		B17	96	96	96	96	96	96																			
FS 20 TRANSVERTER CONNECTOR FS 21 ANI TRANSVERTER CONNECTOR		B18	79	79	79	79	79	79																			
FS 22 AMA RECORDER AND MASTER TIMING CIRCUIT CONNECTOR		B19	88	88	08	88	88	88																			
FS 23 TROUBLE RECORDING SCANNING OPERATION		B20	96	96	96	96	96	96																			
FS 24 AMA RECORDER, MASTER TIMING AND TRANSVERTER CONTROL		B21	96	96	98	98	98	98																			
FS 25 XTL AND XTC PUNCH GENERATION		B22	96	96	96	96	96	96																			
FS 26 PRETRANSLATOR CONTROL		B23	75	75	75	75	75	75																			
FS 27 TRUNK CLASS EXPANSION ARET & MTR PUNCH		B24	96	96	98	98	98	98																			
FS 28 REPEATING RELAYS		B25	96	96	96	96	96	96																			
FS 29 DISPLAY REGISTERED (NUMBER OF CIRCUITS CONNECTED TO TROUBLE RECORDER)		B26A*	96	96	96	96	96	96																			
FS 29A DISPLAY REGISTERED (NUMBER OF CIRCUITS CONNECTED TO TROUBLE RECORDER) MKR (DRTO,DRTI) AND EMG REC (DR,DRA) LEADS		B26B	96	96	96	96	96	96																			
FS 30 CONNECTOR OR NUMBER		B27	84	84	84	84	84	84																			
		B28	84	97	97	97	97	97																			
FS 31 CONVERSION FROM 1/12 TO 2/5		B29A*	96	96	96	96	96	96																			
FS 32 CONVERSION FROM 1/15 TO 2/5 FS 33 CONVERSION FROM 1/20 TO 2/5 FS 34 CONVERSION FROM 1/30 TO 2/5		B29B	96	96	96	96	96	96																			
FS 35 CONVERSION FROM 1/30 TO 2/5		B29C	96	96	96	96	96	96																			

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FS 36 CONVERSION FROM 1/30,1/60 AND 1/100 TO 2/5	B29D	96	96	96	96	96	96																			
FS 37 CONVERSION FROM 1/10 TO 2/5 FS 38 CONVERSION FROM 1/10 TO 2/5	B29E	96	96	96	96	100	100																			
FS 39 TURNOVER PUNCH GENERATION	B29F	96	96	96	96	96	96																			
FS 40 FALSE GROUND PROTECTION DIODES FS 41 CONNECTOR RELAYS FOR CDT	B29G	96	97	97	97	97	97																			

* SHEETS WITH SUFFIX "A" WERE FORMERLY WITHOUT A SUFFIX LETTER.

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
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	(FOR SINGLE SIDED TROUBLE RECORDER CARD) LEAD INDEX AND CONNECTOR INFORMATION FOR CONNECTOR AND SCANNING RELAY CONTACTS, LEGEND, NOTES 1-3, LEADS 0NN TO 3NA	B30	98	99	100	100																					
	LEADS ADG TO ARO,1,2,4,7	B31	98	98	98	98																					
	LEADS ASP TO CHA	B32	98	99	99	99																					
	LEADS CHE TO CN3	B33	9[illegible]	9[illegible]	98	98																					
	LEADS CNO-2 TO D	B[illegible]	98	9[illegible]	B[illegible]																						
	LEADS D TO DTM-	B[illegible]	98	98	98	98																					
	LEADS DTN TO FGO	B[illegible]	98	98	98	98																					
	LEADS FGI TO FTCK	B37	98	98	98	98																					
	LEADS FTKI TO H7	B38	98	98	98	101																					
	LEADS H'0,1,2,4,7 TO IFM	B39	98	98	100	100																					
	LEADS JO,1,2,4 TO LCK	B40	98	98	98	98																					
1	LEADS LDT TO M7	B41	98	98	100	100																					
	LEADS M'7 TO MPP	B42	98	98	100	100																					
	LEADS MPT TO NGCU6	B43	98	99	99	99																					
	LEADS NGCU7-9 TO OBST	B44	98	98	98	98																					
	LEADS OCI TO PI	B45	98	98	100	100																					
	LEADS P5 TO PUL	B46	98	98	98	98																					
	LEADS RA TO RL	B47	98	98	98	98																					
	LEADS RLA TO RTOS	B48	98	98	98	98																					
	LEADS RTP TO SOG	B49	98	98	98	98																					
	LEADS SON TO TBH	B50	98	98	98	101																					
	LEADS TBI TO TKT	B51	98	98	98	98																					
	LEADS TLH TO TRA	B52	98	98	98	101																					
	LEADS TRB TO TS6-9	B53	98	98	98	98																					
	LEADS TS10-19 TO UYO,1,2,4,7	B54	98	98	98	98																					
	LEADS UO-9 TO XCH	B55	98	98	100	100																					
	LEADS XCK TO XSC	B56	98	98	98	98																					
	LEADS XSL TO XX	B57	98	98	98	90																					

TABLE	CONTENTS	SHEET NO. PRIOR TO ISSUE 98B	SHEET NO. CURRENT ISSUE	ISSUE NO. 98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
	(FOR DOUBLE SIDED TROUBLE RECORDER CARD) LEAD INDEX AND CONNECTOR INFORMATION FOR CONNECTOR AND SCANNING RELAY CONTACTS, LEGEND, NOTE 1-4	B58	B58	98	99	100	100																					
	LEADS ITR TO A'2	B59	B59	98	98	98	98																					
	LEADS A'4,7 TO BST	B60	B60	98	99	99	99																					
	LEADS BT TO CE'	B61A	B61	98	98	98	98																					
	LEADS CGA TO CKG	B61B	B62	98	98	98	98																					
	LEADS CKGI TO CNO,1	B62	B63	98	98	98	98																					
	LEADS CN2-9 TO CSW	B63	B64	98	98	98	98																					
	LEADS CTO TO DAT	B64	B65	98	98	98	98																					
	LEADS DATI TO DTO,1,2,4,7	B65	B66	98	98	98	98																					
	LEADS DT4 TO FBK	B66	B67	98	98	98	98																					
	LEADS FC TO FSI5-19	B67	B68	98	98	98	98																					
	LEADS FS20 TO FU'0,1,2,4,7	B68	B69	98	98	98	101																					
	LEADS FUTO,1,2,3/4 TO HO,1,2,4	B69	B70	98	98	98	98																					
	LEADS H7 TO HGT8	B70	B71	98	98	98	98																					
	LEADS HGT9 TO IT	B71	B72	98	98	98	98																					
	LEADS ITR TO JSQO	B72	B73	98	98	98	98																					
	LEADS JSQI-4 TO LC6	B73A	B74	98	98	98	98																					
1A	LEADS LC7 TO LK2	B73B	B75	98	98	98	98																					
	LEADS LK3 TO MAKI	B73C	B76	98	98	98	98																					
	LEADS MBO-2 TO MXT	B74	B77	98	98	98	98																					
	LEADS N7 TO NR	B75	B78	98	98	98	98																					
	LEADS NSI TO OS4	B76	B79	98	98	100	100																					
	LEADS OSC TO PCDI	B77	B80	98	98	98	98																					
	LEADS PCR TO RCT3	B78	B81	98	98	98	98																					
	LEADS RCT4 TC RK3	B79	B82	98	98	98	98																					
	LEADS RL TO RP	B80	B83	98	99	99	99																					
	LEADS RPO TO SO-14	B81	B84	98	98	98	98																					
	LEADS SAE TO SPC	B82	B85	98	98	98	98																					
	LEADS SPL TO TAN3	B83	B86	98	98	98	101																					
	LEADS TAN4 TO TCK	B84	B87	98	98	98	98																					
	LEADS TCKI TO TH3	B85	B88	98	98	98	98																					
	LEADS TH'2,3 TO TOP	B86	B89	98	98	98	98																					
	LEADS TOSO-4 TO TS16-19	B87	B90	98	98	98	101																					
	LEADS TSA TO U5-9	B88	B91	98	98	98	98																					
	LEADS UK TO VG'0,1,2,4,7	B89	B92	98	98	98	98																					
	LEADS VG'10 TO WT	B90	B93	98	98	98	101																					
	LEADS XII TO XI	B91	B94	98	98	98	101																					
	LEADS XJC TO XPT	B92	B95	98	98	98	98																					
	LEADS XRL TO XTSI	B93	B96	98	98	98	98																					
		B94																										

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1B	(OFFICE CONVERTED FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD) LEAD INDEX AND CONNECTOR INFORMATION FOR CONNECTOR AND SCANNING RELAY CONTACTS, LEGEND, NOTES 1-4	B95	B97	98	99	100	100																					
	LEADS ITR TO A'1	B96	B98	98	98	98	98																					
	LEADS A'2 TO BY	B97	B99	98	99	99	99																					
	LEADS C TO CHA	B98	B100	98	98	98	98																					
	LEADS CHE TO CN10-15	B99A	B101	98	98	98	99																					
	LEADS CN16-19 TO CU0,1,2	B99B	B102	98	98	98	98																					
	LEADS CU4,7 TO DNC	B100	B103	98	98	98	98																					
	LEADS DNGA TO FABC	B101	B104	98	98	98	98																					
	LEADS FAC TO FS8,9	B102	B105	98	98	98	98																					
	LEADS FS10-19 TO FU'1,2,4	B103	B106	98	98	98	101																					
	LEADS FU'7 TO HO,1,2,4	B104	B107	98	98	98	98																					
	LEADS H7 TO HGT9	B105	B108	98	98	98	98																					
	LEADS HMA TO JC1	B106	B109	98	98	98	98																					
	LEADS JC2 TO LCO	B107	B110	98	98	98	98																					
	LEADS LC1 TO LHMT	B108A	B111	98	98	98	98																					
	LEADS LI TO MBO-2	B108B	B112	98	98	98	98																					
	LEADS MB4,7 TO N'7	B109	B113	98	98	98	98																					
	LEADS NAC TO NTVB	B110	B114	98	98	98	98																					
	LEADS OA TO OSG5	B111	B115	98	98	100	100																					
	LEADS OSG6-9 TO PNR	B112A	B116	98	98	98	98																					
	LEADS POTS TO RF	B112B	B117	98	98	98	98																					
	LEADS RG TO RNT2	B113	B118	98	98	98	98																					
	LEADS RNT'2 TO RSC	B114	B119	98	99	99	99																					
	LEADS RSK TO SF	B115	B120	98	98	98	98																					
	LEADS SG TO SXT	B116	B121	98	98	98	101																					
	LEADS TO-4 TO TBO	B117	B122	98	98	98	98																					
	LEADS TB1,2 TO TDCT	B118A	B123	98	98	98	98																					
	LEADS TER TO THC	B118B	B124	98	98	98	98																					
	LEADS THGTO-4 TO TOK	B119	B125	98	98	98	98																					
	LEADS TOL TO TS6-9	B120	B126	98	98	98	101																					
	LEADS TS10-12 TO TVGT12,13	B121	B127	98	98	98	98																					
	LEADS TVT TO VFT4	B122	B128	98	98	98	98																					
	LEADS VGO,1 TO VGT7	B123	B129	98	98	98	98																					
	LEADS VGT8 TO XCP	B124	B130	98	98	98	98																					
	LEADS XCR TO XJG	B125	B131	98	98	98	98																					
	LEADS XJS TO XMRL	B126	B132	98	98	98	98																					
	LEADS XN TO XTB	B127	B133	98	98	98	98																					
	LEADS XTB1 TO XVGA	B128	B134	98	98	98	98																					
		B129																										
		B130																										
		B131																										
		B132																										
		B133																										
		B134																										
		B135																										
1D	(FOR OFFICES WITH OFFICE TEST FR TROUBLE INDICATOR AND CONNECTOR CKT), LEGEND, LEADS ITR TO GC	B136	B135	98	98	98	98																					
	LEADS HO,1,2,4 TO TBK	B137A	B136	98	98	98	98																					
	LEADS TBL TO XX	B137B	B137	98	98	98	98																					

TABLE	CONTENTS	SHEET NO PRIOR TO ISSUE 98B	SHEET NO CURRENT ISSUE	ISSUE NO. 98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
1E	(FOR DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM), LEGEND, NOTES 1-5	B138	B138	98	99	100	100																					
	LEADS ONN TO AO,1,2,4,7	B139	B139	98	98	98	98																					
	LEADS A'O TO BO,1,2,4,7	B140	B140	98	99	99	99																					
	LEADS B'O,1,2,4,7 TO CD7	B141	B141	98	98	98	98																					
	LEADS CDN TO CKR	B142	B142	98	98	98	98																					
	LEADS CKR1 TO CNO,1,2,4,7	B143	B143	98	98	98	98																					
	LEADS CNR TO CSG2	B144	B144	98	98	98	98																					
	LEADS CSW TO CWCN	B145	B145	98	98	98	98																					
	LEADS CWF TO DRO-9	B146	B146	98	98	98	98																					
	LEADS DRC TO F	B147	B147	98	98	98	98																					
	LEADS FO,1,2,4,7 TO FR1-4	B148	B148	98	98	98	98																					
	LEADS FSO-2 TO FTK1	B149	B149	98	98	98	101																					
	LEADS FTTO TO GTL	B150	B150	98	98	98	98																					
	LEADS HO,1,2,4 TO HN5-9	B151	B151	98	98	98	98																					
	LEADS HNO,1,2,4,7 TO JCK	B152	B152	98	98	98	98																					
	LEADS JGO TO LC7	B153	B153	98	98	98	98																					
	LEADS LCO-9 TO LLP	B154	B154	98	98	98	98																					
	LEADS LNP TO M	B155	B155	98	98	98	98																					
	LEADS MO,1,2,4 TO MT7	B156	B156	98	98	98	98																					
	LEADS MT8K TO NN	B157	B157	98	98	98	98																					
	LEADS NOB TO OPR	B158	B158	98	98	98	98																					
	LEADS OR TO P6,7	B159	B159	98	98	100	100																					
	LEADS PO TO POTS	B160	B160	98	98	98	98																					
	LEADS PR TO RE	B161	B161	98	98	98	98																					
	LEADS RE1 TO RO'	B162	B162	98	98	98	98																					
	LEADS RO1 TO RST24-29	B163	B163	98	99	98	98																					
	LEADS RSW TO SEF	B164	B164	98	98	98	98																					
	LEADS SF TO SXT	B165	B165	98	98	98	101																					
	LEADS T TO TBL	B166	B166	98	98	98	98																					
	LEADS TBSO TO TG5	B167	B167	98	98	98	98																					
	LEADS TG6-9 TO TLR24	B168	B168	98	98	98	98																					
	LEADS TLT TO TRT	B169	B169	98	98	98	101																					
	LEADS TSO-3 TO TTGO	B170	B170	98	98	98	98																					
	LEADS TTG1 TO VFT2	B171	B171	98	98	98	98																					
	LEADS VFT3 TO WBO	B172	B172	98	98	98	98																					
	LEADS WB1 TO WSL	B173	B173	98	98	98	98																					
	LEADS X11 TO XHM	B174	B174	98	98	98	98																					
	LEADS XI TO XRL	B175A	B175	98	98	98	98																					
	LEADS XRS TO XX	B175B	B176	98	98	98	98																					
		B176	B177	98	98	98	98																					

MASTER TEST FRAME CONNECTOR CKT

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APP FIG 1	C1	C1	98	98	98	98																					
APP FIG 2,3,4,5,6,7	C2	C2	98	99	99	99																					
	C3																										
APP FIG 8	C4	C3	98	98	98	98																					
	C5	C4	98	98	98	98																					
	C6	C5	98	98	98	98																					
APP FIG 9	C7	C6	98	98	98	98																					
	C8	C7	98	98	98	98																					
APP FIG 10	C9	C8	98	98	98	98																					
	C10	C9	98	98	98	98																					
APP FIG 11,12,13	C11	C10	98	98	98	98																					
APP FIG 14,15,16,17,18,19,20,21	C12	C11	98	98	98	98																					
	C13																										
APP FIG 22,23,24,25	C14	C12	98	98	98	98																					
	C15																										
APP FIG 26	C16	C13	98	98	98	98																					
APP FIG 27	C17	C14	98	98	98	98																					
APP FIG 28	C18	C15	98	98	98	98																					
APP FIG 29,30,31,32,33,34	C19	C16	98	98	98	98																					
	C20																										
AFF FIG 35,36	C21	C17	98	98	98	98																					
	C22																										
APP FIG 37	C23	C18	98	98	98	98																					
APP FIG 38,39,40,41,42,43,44,45	C24	C19	98	98	98	98																					
	C25																										
APP FIG 46,47,48,49,52	C26	C20	98	98	98	98																					
	C27																										
APP FIG 53,54	C28	C21	98	98	98	98																					
APP FIG 55,56,57	C29	C22	98	98	100	100																					
	C30																										
APP FIG 58,59,60	C31	C23	98	98	98	98																					
APP FIG 61	C32	C24	98	98	98	98																					
APP FIG 62,63	C33	C25	98	98	98	98																					
APP FIG 64,65		C26	98	98	100	100																					
		C27																									
RESERVED		C28																									
		C29																									
		C30																									
		C31																									

CONTENTS	SHEET NO PRIOR TO ISSUE 98B	SHEET NO CURRENT ISSUE	ISSUE NO. 98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
APP FIG 150	C34	C32	98	98	98	98																					
	C35	C33	98	98	98	98																					
	C36	C34	98	98	98	98																					
APP FIG 151	C37	C35	98	98	98	98																					
	C38	C36	98	98	98	98																					
APP FIG 152	C39	C37	98	98	98	98																					
	C40	C38	98	98	98	98																					
	C41	C39	98	98	98	98																					
	C42	C40	98	98	98	98																					
	C43	C41	98	98	98	98																					
	C44	C42	98	98	98	98																					
APP FIG 153	C45	C43	98	98	98	98																					
APP FIG 154,155	C46	C44	98	98	98	98																					
	C47																										
APP FIG 156,157,158	C48	C45	98	98	98	98																					
	C49																										
	C50																										
APP FIG 159,160	C51	C46	98	98	98	98																					
APP FIG 161,162	C52	C47	98	98	98	101																					
	C53																										
APP FIG 163,164	C54	C48	98	98	98	98																					
APP FIG 165,166,167,168	C55	C49	98	98	98	98																					
	C56																										
APP FIG 169,170,171,172	C57	C50	98	98	98	98																					
APP FIG 173,174	C58	C51	98	98	98	98																					
APP FIG 175,176,177	C59	C52	98	98	98	98																					
APP FIG 178	C60	C53	98	98	98	98																					
APP FIG 179	C61	C54	98	98	98	98																					
APP FIG 181,182,183,184,185,186	C62	C55	98	98	98	98																					
APP FIG 187,188	C63	C56	98	98	98	98																					
	C64																										
APP FIG 189,190,191,192,193,194,195,197,198,199	C65	C57	98	99	99	101																					
	C66																										
	C67																										
	C68																										

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
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TABLE	CONTENTS		SHEET NO PRIOR TO ISSUE 98B	SHEET NO CURRENT ISSUE	ISSUE NO. 98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
	CIRCUIT NOTES	101	D1A	D1	98	98	100	100																					
		101A																											
		101B	D1B	D2	98	98	98	98																					
		101C	D1C	D3	98	98	98	98																					
		102	D2	D4	98	98	98	101																					
			D3A	D5	98	99	100	101																					
		RESERVED		D6																									
		103	D3B	D7	98	98	98	98																					
			D4A	D8	98	98	98	98																					
		104	D4B	D9	98	99	100	101																					
		105-144	D6	D10	98	98	98	98																					
		146	D7A	D11	98	99	99	101																					
		147-199	D7B	D12	98	99	99	99																					
		1100-1152	D8A	D13	98	99	99	99																					
		1153-1181	D8B	D14	98	98	98	98																					
		1182 TO END	D8C	D15	98	99	100	101																					
	RESERVED			D16																									
	EQUIPMENT NOTES	201 TO END	D8D	D17	98	98	98	98																					
	INFORMATION NOTES	301	D9A	D18	98	98	98	98																					
		302-505	D9B	D19	98	98	98	98																					
		1301	D9C	D20	98	98	100	100																					
		1302	D9D	D21	98	98	98	98																					
		1303	D9E	D22	98	98	98	98																					
2		IN FIG 8	D10	D23	98	98	98	98																					
2A		IN FIG 150	D11	D24	98	98	98	98																					
2B		IN FIG 8	D12	D25	98	98	98	98																					
2C		IN FIG 163																											
2D		IN FIG 164																											
2E		IN FIG 178																											
2F		IN FIG 150																											
3		IN FIG 9	D13	D26	98	98	98	98																					
3A		IN FIG 151																											
3B		IN FIG 9																											
3C		IN FIG 176																											
4		IN FIG 10	D14	D27	98	98	98	98																					
			D15	D28	98	98	98	98																					
4B	ADDITIONAL CROSS CONNECTIONS		D16	D29	98	98	98	98																					
4C	OPTIONAL CROSS CONNECTIONS																												
4A	LEADS ON SCANNING RELAYS: TROUBLE RECORDER PUNCH DESIGNATION AND CROSS CONNECTING FIELD. DOUBLE SIDED TROUBLE RECORDER CARD		D17	D30	98	98	98	98																					
			D18	D31	98	98	98	98																					
4F	"A&M ONLY" AND "MFR DISC" CROSS CONNECTING AND TROUBLE RECORDER PUNCH DESIGNATIONS		D19	D32	98	98	98	98																					
4D	ADDITIONAL CROSS CONNECTIONS (SHOWN IN TABLE 4A) TO BE OMITTED WHEN AN OFFICE DOES NOT HAVE AND WILL NOT ULTIMATELY HAVE AMA OR CAMA		D20A	D33	98	98	98	98																					
4E	CROSS CONNECTIONS FOR ANI WHEN LAMA OR CAMA IS NOT ALSO PROVIDED																												
4G	CROSS CONNECTIONS FOR WADS LINE CONCENTRATOR NO 2A																												
5	DESIGNATIONS OF LEADS ON CONNECTS OF RELAYS	IN FIG 26																											
5A		IN FIG 153																											
4H	LEADS ON SCANNING RELAYS: TROUBLE RECORDER PUNCH DESIGNATIONS AND CROSS CONNECTING FIELD. DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM		D20B	D34	98	98	98	98																					
			D20C	D35	98	98	98	98																					
			D20D	D36	98	98	98	98																					
			D20E	D37	98	98	98	98																					

TABLE	CONTENTS		SHEET NO PRIOR TO ISSUE 98B	SHEET NO CURRENT ISSUE	ISSUE NO. 98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122
4I	"A&M ONLY" AND "MFR DISC" CROSS CONNECTING AND TROUBLE RECORDER PUNCH DESIGNATIONS		D20F	D38	98	98	98	98																					
4J	CROSS CONNECTIONS FOR WADS LINE CONCENTRATOR NO 2A																												
4K	ADDITIONAL CROSS CONNECTIONS (SHOWN IN TABLE 4H) TO BE OMITTED WHEN AN OFFICE DOES NOT HAVE AND WILL NOT ULTIMATELY HAVE AMA OR CAMA																												
4L	CROSS CONNECTIONS FOR ANI WHEN LAMA OR CAMA IS NOT ALSO PROVIDED																												
4M	CROSS CONNECTIONS FOR ELECTRONIC ROUTE TRANSLATION																												
4N	CROSS CONNECTIONS FOR ROUTE TRANSLATION																												
5B		IN FIG 154	D21	D39	98	98	98	98																					
5C		IN FIG 155																											
5D		IN FIG 158																											
5E		IN FIG 161																											
5F		IN FIG 55																											
6		IN FIG 27																											
6A		IN FIG 156																											
6B		IN FIG 156																											
6C		IN FIG 27																											
32A	SWITCHBOARD CABLE FROM MASTER TEST CONNECTOR UNIT FOR ANI TRANSVERTER CONNECTOR FRAME TO AMTC FRAME		D22	D40	98	98	98	98																					
51A	OPTIONAL CONNECTIONS FOR TABLE I		D23	D41	98	98	98	98																					
			D24	D42	98	98	98	98																					
51B	OPTIONAL CONNECTIONS FOR TABLE 51A																												
51C	RECORD OF CONNECTIONS FOR TABLE 51A																												
76A	DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS	FOR TABLE I	D25	D43	98	98	98	98																					
76B	SWITCHBOARD CABLE FROM TRANSVERTER RELAYS 0-5 (PER FIG 26) ON AMTC FRAME TO SAMTC FRAME FOR CROSS CONNECTION TO SCANNING RELAYS (PER FIG 152) AND LOCAL CABLE MULTIPLE TO TRANSVERTER RELAYS 6-9 (PER FIG 153 AND 154)		D26A	D44	98	98	98	98																					
76C	SWITCHBOARD CABLE FROM TRANSVERTER RELAYS 0-5 (PER FIG 26) ON AMTC FRAME TO SAMTC FRAME FOR CROSS CONNECTION TO SCANNING RELAYS (PER FIG 152) AND LOCAL CABLE MULTIPLE TO TRANSVERTER RELAYS 6-9 (PER FIG 153 AND 154) FOR MAGNETIC TAPE AMA RECORDING		D26B	D45	98	98	98	98																					
77A	DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS	FOR TABLE I																											
129	SWITCHBOARD CABLE FROM SAMTC FRAME TO MTC FRAME		D27	D46	98	98	98	98																					
FIG 201	MAJOR GROUPS OF CONNECTING LEADS MASTER TEST FRAME CONNECTOR CKT		D28	D47	98	98	98	98																					
	SCANNING AND CONNECTING RELAYS OPERATED IN MASTER TEST FRAME CONNECTOR FOR OFFICES HAVING SINGLE OR DOUBLE SIDED TROUBLE RECORDER CARDS		D29	D48	98	98	98	98																					

MASTER TEST FRAME CONNECTOR CKT

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FIG.	CONTENTS		SHEET NO PRIOR TO ISSUE 98B	SHEET NO CURRENT ISSUE	ISSUE NO. 90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
	CKT REQT TABLES RELAYS	AO TO CO3,4,5	F1A	F1	84	84	84	84	84	84	84	84	98	98	98	98												
		C3,4 TO DRAO -9	F1B	F2	84	84	84	84	84	84	84	84	98	98	98	98												
		EO TO PIT	F2	F3	85	85	85	85	85	95	96	96	98	98	100	100												
		RO TO S14	F3	F4	77	77	77	77	77	77	96	96	98	98	98	98												
		SAO TO TVP1	F4	F5	79	79	79	79	79	79	96	96	98	98	98	98												
		TVT TO END	F5	F6	79	79	79	79	79	79	96	96	98	98	100	100												
	LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES			G1A*	89	89	89	89	89	89	89	89	89	89	89	89												
51		FIG. 1 & 43		G1B	89	89	89	89	94	94	96	97	98	98	100	100												
52		FIG. 2,43,44,46,47, & 167		G2A*	85	85	85	85	85	85	96	96	96	96	96	101												
53		FIG. 3,4,5, & 6		G2B	84	91	91	91	91	91	96	96	98	99	99	99												
54 55 56 57		FIG. 3,4,5, & 6 FIG. 3,4,5, & 6 FIG. 2,4,5, & 31 FIG. 7		G3	89	89	89	89	94	94	96	96	98	99	100	100												
58		FIG. 8		G4	86	86	86	86	86	86	86	97	97	97	[illegible]	97												
59		FIG. 8	TABLE 59A	G5A	89	91	91	93	93	93	96	97	97	97	97	101												
				G5B	89	89	92	92	94	95	96	96	98	98	98	98												
				G5C	89	91	91	91	91	91	96	96	96	96	96	96												
				G5D	89	89	89	89	89	89	96	96	96	96	96	96												
				G5E	90	91	91	91	91	91	96	97	97	97	97	97												
				G5F	90	90	90	90	90	90	96	97	97	97	100	100												
				G5G	85	85	85	85	85	85	96	96	96	96	96	96												
				G5H	89	89	89	89	89	89	96	97	97	97	97	101												
				G6A	89	91	91	91	91	91	97	97	97	97	97	97												
				G6B	89	89	89	89	89	95	96	96	98	98	98	98												
				G6C	89	89	92	92	94	95	96	97	97	97	97	97												
				G6D	89	89	89	89	89	89	96	96	96	96	96	96												
				G6E	81	91	91	91	91	91	96	96	96	96	96	101												
60	CABLING DIAGRAMS FOR	FIG. 10 & 35		G7	89	89	89	89	89	89	96	97	97	99	99	99												
				G8	80	80	80	80	80	80	96	97	97	97	97	97												
				G9	85	85	85	85	85	85	96	96	96	96	100	100												
				G10A*	87	87	87	87	87	95	96	97	97	97	97	97												
				G10B	90	90	90	93	93	93	96	96	96	96	100	100												
				G11	87	87	87	87	87	87	87	87	87	87	100	100												
				G12	86	86	86	86	86	95	96	96	96	96	96	96												
				G13	90	90	90	90	90	90	90	90	90	90	100	100												
				G14	79	79	79	79	79	79	79	79	99	99	99	99												
				G15	87	91	91	93	93	95	96	97	97	97	97	97												
61 62 63		FIG. 8 FIG. 4 & 5 FIG. 13 & 23		G16	86	86	86	86	86	86	86	86	86	86	86	86												
64 65 66		FIG. 14,15,16, & 24 FIG. 24 FIG. 19,20,21, & 25		G17	89	91	91	91	94	94	96	97	97	97	97	97												
67 68 69		FIG. 19,20,21, & 25 FIG. 18 FIG. 22		G18	79	79	79	79	79	79	96	97	97	97	97	97												
70		FIG. 28 & 30		G19	79	79	79	79	79	79	79	79	79	79	79	79												
				G20A*	79	79	79	79	79	79	79	79	79	79	79	79												
70A,B		FIG. 28																										

FIG.	CONTENTS		SHEET NO.	ISSUE NO. 90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
71	CABLING DIAGRAMS FOR	FIG. 28	G20B	79	79	79	79	79	79	79	79	79	79	79	79													
72		FIG. 29																										
73		FIG. 1 & 6	G21	88	88	88	88	88	95	95	95	95	95	100	100													
74		FIG. 6																										
			G22A*	88	88	88	88	88	88	96	96	96	96	100	100													
76		FIG. 26 & 158	G22B							96	96	96	96	96	96													
			G23	88	91	91	93	93	93	96	96	96	96	96	96													
77 78 80		FIG. 27 FIG. 31 FIG. 34	G24	88	91	91	91	91	91	96	96	96	96	96	96													
81 82		FIG. 35 FIG. 36	G25A*	89	89	89	89	89	89	89	89	89	89	89	89													
82A 82B		FIG. 36,182,189 & 190 FIG. 32,33,34,36,37,189 & 190	G25B	89	89	89	89	89	89	89	89	89	89	89	89													
82C		FIG. 32-34,36,37,191,192, & 193	G25C	87	87	87	87	87	87	87	87	87	87	87	87													
83		FIG. 37	G26A*	89	89	89	89	89	89	89	89	89	89	89	89													
83A			G26B	87	87	87	87	87	87	87	87	87	87	87	87													
84		FIG. 38																										
85		FIG. 9	G27	81	81	81	93	93	93	93	93	93	93	93	93													
86		FIG. 9																										
87		FIG. 4 & 5,6, & 41	G28	89	89	89	92	94	94	96	96	96	96	96	96													
88		FIG. 2,4,6,31,41, & 43																										
89		FIG. 10																										
90		FIG. 9	G29	81	81	81	93	93	93	96	96	96	96	96	96													
91		FIG. 10																										
92		FIG. 7,39, & 40	G30A*	81	91	91	91	91	91	91	91	91	91	91	91													
93		FIG. 181 & 182																										
94		FIG. 183 & 184																										
95		FIG. 51,59,60,182, & 186																										
96		FIG. 59 & 60	G30B	86	91	91	91	91	91	91	91	91	91	91	91													
97		FIG. 197																										
98		FIG. 197																										
99		FIG. 16,17, & 24	G30C	84	84	84	84	84	84	84	84	84	84	84	84													
100		FIG. 22	G30D	88	88	88	88	88	88	88	88	88	88	88	88													
101		FIG. 26 & 158	G30E	87	87	87	87	87	87	87	87	87	87	87	87													
			G30F	88	88	88	88	88	88	88	88	88	88	88	88													
102 103 104 105		FIG. 28 FIG. 53 FIG. 29 FIG. 11	G30G	89	91	91	91	94	94	96	96	96	96	96	96													
106		SWBD CABLE FROM MASTER TEST FR CONN CKT TO INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION	G30H	89	91	91	93	94	94	96	97	97	97	97	97													
107		APP FIG I, II OPTION																										

* SHEETS WITH SUFFIX "A" WERE FORMERLY WITHOUT A SUFFIX LETTER.

ISSUE 101A

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BELL TELEPHONE LABORATORIES INCORPORATED	SIZE 6S

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1	FOR FIG. 1																										
2	FOR FIG. 2,7,39,43,44,46,47, & 167	G31	90	90	90	90	94	94	94	97	98	98	98	101													
3	FOR FIG. 3,4,6, & 186	G32	89	89	89	89	89	89	89	89	98	99	99	99													
4	FOR FIG. 11,12,42,45, & 157	G33AX	89	91	91	91	94	94	94	97	97	97	97	97													
5	FOR FIG. 35 & 40																										
6	FOR FIG. 150, CONTACT SIDE	G33B								97	97	97	97	97													
7	FOR FIG. 150, STRAP WIRE SIDE	G34A	89	89	89	89	89	89	96	97	97	97	97	101													
		G34B	89	89	89	89	89	89	96	96	96	96	96	96													
		G35AX	90	90	92	92	94	94	96	97	98	98	98	98													
		G35B	89	91	91	91	91	91	96	96	96	96	96	96													
		G36AX	90	91	91	91	91	91	96	97	97	97	97	101													
		G36B	90	90	90	90	90	90	96	97	97	97	100	100													
		G36C							96	96	96	96	96	96													
		G37AX	90	90	90	90	90	90	96	97	97	97	97	97													
		G37B	90	90	90	90	90	90	96	96	98	98	98	101													
		G38AX	90	90	92	92	94	94	96	96	96	96	96	96													
		G38B							96	97	97	97	97	97													
		G39AX	90	91	91	91	91	91	96	97	97	97	97	101													
		G39B	90	91	91	91	91	91	91	91	91	91	91	91													
8	FOR FIG. 152, CONTACT SIDE	G40	70	91	91	91	91	91	91	91	91	91	91	91													
9	FOR FIG. 152, STRAP WIRE SIDE																										
10	FOR FIG. 4,5, & 41																										
11	FOR FIG. 151, CONTACT SIDE	G41	71	71	71	74	71	71	96	96	96	96	96	96													
12	FOR FIG. 151, STRAP WIRE SIDE																										
		G42	74	74	74	74	74	74	74	74	74	74	74	74													
13	FOR FIG. 13,18,22,23,28,29,30,48, & 49	G43	90	90	90	90	90	90	96	97	97	97	97	97													
		G44	79	79	79	79	79	79	79	79	79	79	79	79													
14	FOR FIG. 14,15,16,17, & 24	G45	80	80	80	80	80	80	80	80	80	80	80	80													
15	FOR FIG. 19,20,21, & 25	G46	89	91	91	91	91	91	96	97	97	97	97	97													
16	FOR FIG. 153, CONTACT SIDE	G47	90	90	90	90	90	90	90	97	97	97	97	97													
17	FOR FIG. 153, STRAP WIRE SIDE																										
18	FOR FIG. 154, CONTACT SIDE	G48AX	90	90	90	90	90	90	96	97	97	97	97	97													
19	FOR FIG. 154, STRAP WIRE SIDE	G48B							96	96	96	96	96	96													
20	FOR FIG. 155, CONTACT SIDE	G49	90	90	90	90	90	90	96	96	96	96	96	96													
21	FOR FIG. 155, STRAP WIRE SIDE																										
22	FOR FIG. 156, STRAP WIR SIDE																										
23	FOR FIG. 156, CONTACT SIDE	G50	90	90	90	90	90	90	90	90	90	90	90	90													
24	FOR FIG. 11 (JCO-9, EF, & FR RELAYS ONLY), 12, 42, & 45																										
25	FOR FIG. 11,22,29, & 157																										
26	FOR FIG. 16,17, & 24	G51	79	79	79	79	79	79	79	79	79	79	79	79													
27	FOR FIG. 20,21, & 25	G52	89	89	89	93	93	93	96	97	97	97	97	97													
28	FOR FIG. 48 & 49	G53	89	91	91	91	91	91	96	97	97	97	97	97													
29	LEADS TO TS(C), (E), & (G) REQUIRED ON SUPL AUX MTC ONLY																										
30	FOR FIG. 159,160,162, & 168	G54	87	87	87	87	87	87	96	97	97	97	97	101													
31	FOR FIG. 161, CONTACT SIDE	G55	88	88	88	88	88	88	88	88	88	88	88	88													
32	FOR FIG. 161, STRAP WIRE SIDE	G56	87	87	87	87	87	95	96	96	96	96	96	96													
33	FOR FIG. 163, CONTACT SIDE	G57	77	77	77	77	77	77	77	77	77	77	77	77													
34	FOR FIG. 163, STRAP WIRE SIDE																										
35	FOR FIG. 164, STRAP WIRE SIDE	G58	90	91	91	91	91	91	91	97	97	97	97	97													
36	FOR FIG. 164, CONTACT SIDE																										
37	FOR FIG. 157,165, & 166																										
38	FOR FIG. 163, CONTACT SIDE	G59	81	81	81	81	81	81	96	96	96	96	96	96													
39	FOR FIG. 163, STRAP WIRE SIDE																										
40	FOR FIG. 178, STRAP WIRE SIDE	G60	75	75	75	75	75	75	75	75	75	75	75	75													
41	FOR FIG. 178, CONTACT SIDE																										
42	FOR FIG. 175,177, & 179	G61	85	85	85	85	85	85	85	85	85	85	85	85													
43	FOR FIG. 170 & 171	G62	75	75	75	75	75	75	75	75	75	75	75	75													
44	FOR FIG. 169,172,173, & 174	G63	77	77	77	77	77	77	77	77	77	77	77	77													
		G64	77	77	77	77	77	77	77	77	77	77	77	77													
45	FOR FIG. 179	G65	77	77	92	92	92	92	92	92	92	92	92	92													
46	FOR FIG. 150																										
47	FOR FIG. 185																										
48	FOR FIG. 182 & 186	G66	89	89	92	92	92	92	92	92	92	92	92	92													
49	FOR FIG. 179																										
50	FOR FIG. 16,17,22,24, & 29	G67	77	77	77	77	77	77	77	77	77	77	77	77													
51	FOR FIG. 199	G68	85	85	85	85	85	85	96	96	96	96	96	96													
52	FOR FIG. 50 & 51																										
53	FOR FIG. 50 & 51	G69AX	90	90	90	90	90	90	96	96	96	96	96	96													
54	FOR FIG. 153 & 155																										
55	FOR FIG. 153	G69B	90	90	90	90	90	90	90	90	90	90	90	90													
56	FOR FIG. 154																										
57	FOR FIG. 55 & 154	G69C	90	90	90	90	90	90	90	90	90	90	90	90													

* SHEETS WITH SUFFIX "AX" WERE FORMERLY WITHOUT A SUFFIX LETTER.

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-A10

BELL TELEPHONE LABORATORIES INCORPORATED

FORM 6S

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100	SWBD CABLE FROM MTC FR TO	MTC FOR DIAL TONE MARKERS	G70	70	70	70	70	94	94	94	94	94	94	100	100													
101		AUX MTC OR TO MTC UNIT FOR ANI TRANSVERTER AND MTC CONTROL AND PREFERENCE RELAY UNIT FOR ANI TRANSVERTER	G71	89	89	89	89	94	94	94	94	94	94	94	94													
102		PRETRANSLATOR FR	G72	89	89	89	89	94	94	96	96	98	98	98	98													
103		MASTER TEST CONTROL FR	G73A*	77	77	92	92	92	95	95	97	97	97	100	100													
104		AUTO. MONITOR FR, REG AND SENDER TEST FR AND TEST UNITS ON REL RK	G73B	80	80	92	92	92	92	96	96	96	96	96	96													
105		TROUBLE RECORDER FR																										
106		MASTER TEST FR JACK BAY																										
107		COMPLETING MARKERS	G74	85	85	85	85	85	95	96	96	96	96	96	96													
108		LINE INSULATION TEST FR	G75A*	87	91	91	93	93	93	93	93	93	93	100	100													
109		CROSS CONN TERM. STRIPS FOR MARKERS AND TRANSVERTERS	G75B	90	91	91	91	91	91	96	96	96	96	96	96													
			G75C	90	91	91	91	91	95	96	96	96	96	96	96													
			G76A*	90	90	90	90	90	90	96	96	96	96	96	96													
			G76B	90	90	90	90	90	90	96	96	96	96	96	96													
			G76C	90	90	92	92	92	92	96	96	96	96	96	96													
			G76D	90	90	92	92	92	92	96	96	96	96	96	96													
			G76E	86	86	92	92	92	92	92	92	92	92	92	92													
			G76F	90	90	90	90	90	90	96	96	96	96	96	96													
			G76G	90	90	90	90	90	90	96	97	97	97	97	101													
			G76H	90	90	90	90	90	95	96	96	96	96	96	96													
			G76I	90	90	90	90	90	90	96	96	96	96	96	96													
			G77A*	90	90	90	90	90	90	96	96	96	96	96	96													
			G77B							96	97	97	97	97	97													
			G77C							96	97	97	97	97	97													
110		CROSS CONN TERM STRIPS FOR SCANNING RELAYS	G78A*	87	87	87	87	94	94	96	96	98	98	98	98													
111		OTHER CROSS CONN TERM. STRIPS	G78B	90	90	90	90	100	90	90	90	90	99	99	99													
			G79A*	90	90	92	93	94	94	96	96	96	96	96	96													
			G79B	90	90	92	93	93	93	96	96	96	96	96	96													
112		SWBD CABLE FROM MTC TO OTHER CONN FRAMES	G80A*	89	89	92	92	92	92	96	96	96	96	96	96													
			G80B	90	90	92	92	92	92	92	92	92	92	100	100													
113	SWBD CABLE FROM	MTC TO ORIGINATING REG AND INCOMING REG FRAMES	G81	89	89	89	89	94	94	94	94	94	94	94	94													
114		MTC FOR DIAL TONE MARKERS TO MTC	G82	70	70	70	70	70	70	70	70	70	70	70	70													
115		MTC FOR DIAL TONE MARKERS TO DIAL TONE MARKER FR	G83	89	89	89	89	89	89	96	96	96	96	96	96													
116		MTC FOR DIAL TONE MARKERS TO MASTER TEST FR CONTROL AND LINE INSULATION TEST FR																										
117		AUX MTC TO MTC OR TO SUPL AUX MTC	G84	90	90	90	90	94	94	94	94	94	94	94	94													
			G85	79	79	79	79	79	79	96	96	96	96	96	96													
118		AUX MTC OR SUPL AUX MTC TO TRANSVERTER FR OR CAMA TRANSVERTER FR	G86	90	90	90	90	94	94	94	94	94	94	94	94													
119		AUX MTC TO RECORDER UNITS																										
120		AUX MTC TO MASTER TIMER FR	G87	79	79	79	79	79	79	79	79	79	79	79	79													
121		AUX MTC TO MASTER TEST CONTROL FR	G88	79	79	79	79	79	79	79	79	79	79	79	79													
122		AUX MTC OR SUPL AUX MTC TO TRANSVERTER CONN FR AND CAMA TRANSVERTER CONN FR	G89	79	79	79	79	79	79	79	79	79	79	79	79													

* SHEETS WITH SUFFIX "A" WERE FORMERLY WITHOUT A SUFFIX LETTER.

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123	SWBD CABLE FROM	AUX MTC TO AMA TRANSLATOR FR	G90	82	82	82	93	93	93	93	93	93	93	93	93													
124		MTC TO OUTGOING SENDER FR																										
125		MTC TO TRUNK LINK FR																										
126		AUX MTC OR SUPL AUX MTC TO CAMA SENDER FR																										
127		AUX MTC OR SUPL AUX MTC TO CAMA SENDER FR																										
128		MTC TO TRANSFER LLMC AND TRANSFER REGISTER FR																										
129	SWBD CABLE FROM SUPL AUX MTC TO	MTC	G91	80	80	80	80	94	94	94	94	94	94	94	94													
			G92	70	70	70	70	70	70	70	70	70	70	70	70													
			G93	73	73	73	73	73	73	73	73	73	73	73	73													
			G94	70	70	70	70	70	70	70	70	70	70	70	70													
130		PRETRANSLATOR FR																										
131		NO. GROUP CONN FR	G95	79	79	79	79	79	79	79	79	79	79	79	79													
132		RECORDER UNITS																										
133		MTC																										
134		AMA TRANSLATOR FR	G96	79	79	79	79	79	79	79	79	79	79	79	79													
135		MASTER TIMER FR																										
136		AUX MTC																										
137		AUX MTC	G97	70	70	70	70	94	94	94	94	94	94	94	94													
138		CROSS CONNECTION OF OPERATE LEADS FOR V10-13, TRANSVERTER CONN RELAYS																										
139		SWBD CABLE FROM SUPL AUX MTC TO TROUBLE RECORDER FR	G98	80	80	80	80	80	80	80	80	80	80	80	80													
140		SWBD CABLE FOR MTC OF SUPL AUX MTC TO ANI TRANSVERTER CONN FR																										
141		SWBD CABLE FROM SUPL AUX MTC TO MTC UNIT FOR ANI TRANSVERTER UNIT																										
142		SWBD CABLE FROM MTC TO TRANSLATOR FR																										
143		SWBD CABLE BETWEEN MTC, DMTC, OR SUPL AUX MTC AND MTC EXT UNIT	G99	77	77	92	92	92	95	96	96	96	96	96	96													
144		SWBD CABLE FROM MTC OR SUPL AUX MTC TO NO. 2A LINE CONCENTRATOR CONT FR	G100	89	89	89	89	89	89	89	89	89	89	89	89													
145		SWBD CABLE FROM MTC TO TRK TEST REG FR																										
146		SWBD CABLE FROM MTC TO AUX TEST FR	G101	82	82	82	82	82	82	82	82	98	98	98	98													
147		SWBD CABLE FROM AUX MTC OR SUPL AUX MTC TO AIOD TRANSLATOR CONN ON REL RK																										
148		SWBD CABLE FROM AUX MTC OR MTC TO AIOD TRANSLATOR																										

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-A11

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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149	SWBD CABLING TO OFFICE TEST FR	G102A*	77	77	77	77	77	77	77	77	77	77	77	77													
		G102B	77	77	77	77	77	77	77	77	77	77	77	77													
		G103	70	70	70	70	70	70	70	70	70	70	70	70													
150	SWBD CABLE FROM AUX MTC TO MA TEST CONN CONT & PREF REL UNIT FOR ANI TV ON ANI TV CONN FR	G104	89	89	92	92	92	92	92	92	92	92	92	92													
151	SWBD CABLE FOR FIG. 176																										
152	SWBD CABLE FROM SUPL AUX MTC TO DAPC UNITS																										
153	SWBD CABLE FROM MTC TO LVT REL UNIT																										
154	SWBD CABLE FROM MTC TO APTT PROGRESSION SELECTOR AND DETECTOR TEST UNIT ON REL RACK FR																										
157	SWBD CABLE TO ROUTE DISTRIBUTOR FR	G105	79	79	79	79	79	79	79	79	79	79	79	79													
158	SWBD CABLE TO ROUTE TRANSLATOR FR	G106	79	79	79	79	79	79	79	79	79	79	79	79													
159	SWBD CABLE TO TRANSLATOR AND ADMINISTRATION TEST FR	G107	79	79	79	79	79	79	79	79	79	79	79	79													
160	FOR F'S. 181&182																										
161	SWBD CABLE TO AUTOMATIC RANGE EXTENSION TEST FR	G108	81	81	81	81	81	81	96	96	96	96	96	96													
162	FOR FIG. 183&184																										
163	SWBD CABLE TO WIDEBAND TRUNK TEST REGISTER FR	G109	81	81	81	81	81	81	96	96	96	96	96	96													
164	FOR FIG. 1 & 182 WITH MARKER EXPANSION SWBD CABLE FROM MTC TO 2SMTC	G110	70	70	70	70	70	70	70	70	70	70	70	70													
165	FOR FIG. 187 ON 2SMTC FR (ONE PER COMPL MKR)	G111	89	89	89	89	94	94	94	98	98	98	98	98													
166	FOR FIG. 188 ON 2SMTC FR (ONE PER DTM)																										
167	FOR FIG. 187 & 188 ON 2SMTC FR																										
168	SWBD CABLE FROM 2SMTC FR TO COMPL MKR FIG. 150, 163 & 164, CONTACT SIDE. ONE PER COMPL MKR (FOR LEAD DESIGNATIONS SEE TABLE 2A)	G112	77	77	77	77	77	77	77	77	77	77	77	77													
169	FOR FIG. 151 ON 2SMTC FR, CONTACT SIDE (SEE TABLE 3A FOR LEAD DESIGNATIONS)																										
170	FOR FIG. 150, 163, & 164 ON 2SMTC FR STRAP WIRE SIDE	G113	70	70	70	70	70	70	70	70	70	70	70	70													
171	FOR FIG. 151, STRAP WIRE SIDE ON 2SMTC FR	G114	81	81	81	81	81	81	81	97	97	97	98	101													
172	SWBD CABLE CALL WAITING LINK FR																										
173	SWBD CABLE FROM MTC TO LINE VERIFICATION UNIT																										
174	FOR FIG. 194 & 195 MTC REMOTE OFFICE TEST PREF UNIT																										

CAD	CONTENTS	SHEET NO.	ISSUE NO. 90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
175A	SWBD CA FROM MTFC CKT OR TO REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE CONT CKT	G115	87	87	87	87	87	94	96	96	96	96	96														
175B	SWBD CA FROM MTFC CKT TO REMOTE OFFICE TEST LINE REGISTER CKT	G116	86	91	91	91	91	95	95	95	98	98	98	101													
176	SWBD CA FROM MTFC CKT TO TIME OF DAY CKT FOR NON-AMA OFFICES OR TO CALENDAR AND CLOCK CKT	G117	88	88	88	88	88	88	88	88	88	88	88	88													
177	FOR FIG. 198																										
178	FOR FIG. 198																										
179	SWBD CABLE FROM MTC TO ACD TEST CONN FR	G118	90	90	90	90	90	90	90	90	90	90	90	90													
180	FOR FIG. 163, 164	G119	84	84	84	84	84	84	96	96	96	96	96	96													
181	SWBD CA FROM MTC TO THE ROTL TRK MAKE-BUSY CKT																										
182	SWBD CA FROM THE MTC TO THE TRK TEST CKT																										
183	SWBD CA FROM MAMTC TO MAMA MASTER TIMER	G120	84	84	84	84	84	84	84	84	84	84	84	84													
184	SWBD CA FROM MAMTC TO TRK CONTROL CIRCUITS																										
185	SWBD CA FROM MAMTC TO TRANSVERTER CKT FOR MAMA	G121A*	90	90	90	90	94	94	94	94	94	94	94														
186	SWBD CA FROM MTC EXTENTION UNIT TO THE RECORDER AND RECORDER CONTROL CKT FOR MAGNETIC TAPE AMA RECORDING	G121B	80	80	80	80	80	80	80	80	80	80	80	80													
186A	REQD WHEN MTC IS ARRANGED PER TABLE IA OR IE																										
186B	REQD WHEN MTC IS ARRANGED PER TABLE IB OR IF																										
187	SWBD CA FROM MTC EXTENTION UNIT TO RECORDER AND RECORDER CONTROL CKT	G122	79	79	79	79	79	79	79	79	79	79	79	79													
188	FOR MAGNETIC TAPE AMA RECORDING (FOR PAPER TAPE AMA - SEE CAD 120)	G123	80	80	80	80	80	80	80	80	80	80	80	80													
189	SWBD CA FOR MAMTC TO MASTER TEST CONTROL FR																										
190	SWBD CA FROM SAMTC TO MTC FOR MAGNETIC TAPE AMA RECORDING ONLY	G124	89	89	89	89	94	94	94	94	94	94	94	94													
191	SWBD CA FROM SAMTC TO TRANSVERTER FR																										
192	SWBD CA FROM MAMTC TO MTC FR OR TO SAMTC FR	G125	88	88	88	88	94	94	96	96	96	96	96	96													
		G126	79	79	79	79	79	79	79	79	79	79	79	79													
193	SWBD CA FROM MAMTC FR OR SAMTC TO TRANSVERTER CONN FR	G127	79	79	79	79	94	94	94	94	94	94	94	94													
194	SWBD CA FROM SAMTC TO MAMTC																										
195		G128	82	82	82	82	82	82	82	82	98	98	98	98													
	RESERVED	G129																									
197	SWBD CA FROM MTC TO CLVA OR ETS PDI	G130	89	91	91	91	94	95	96	96	96	96	96	101													
198	SWBD CA FROM MTC TO LINE INSULATION TEST CONTROL CKT																										
199	SWBD CA FROM MTFC CKT TO DISTRIBUTOR AND SCANNER (DAS) CKT	G131	89	91	91	91	91	91	91	97	97	97	97	97													
200	SWBD CA FROM MTFC CKT TO BILLING DATA TRANSMITTER CKT																										
201	SWBD CA FROM MTFC CKT TO INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION																										
202	SWBD CA FROM MTFC TO DAS ETS	G132	90	91	91	91	91	91	91	91	91	91	91	91													
203	FOR APP FIG 57 (STRAP WIRE SIDE, MARKERS 0-7)	G133						95	96	97	97	97	100	100													
204	FOR APP FIG 57 (STRAP WIRE SIDE, MARKERS 8-11)																										
205	FOR APP FIG 57 (CONTACT SIDE)	G134					94	95	96	97	97	97	100	100													
206	FOR APP FIG 1, IJ OPTION																										
207	FOR APP FIG 61	G135							96	97	97	97	97	97													
		G136							96	97	97	97	97	97													
08	FOR APP FIG 61 (TABLE I)	G137							96	97	97	97	97	97													
		G138							96	97	97	97	97	97													
		G139							96	97	97	97	97	97													

* SHEETS WITH SUFFIX "A" WERE FORMERLY WITHOUT A SUFFIX LETTER.

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-A12

BELL TELEPHONE LABORATORIES INCORPORATED

6S

PRINTED IN U.S.A.

SD-25805-01-A12

CBL-142 (11-73)

SHEET INDEX

CAD	CONTENTS	SHEET NO.	ISSUE NO. 96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
209	FOR APP FIG 61 (TABLE 1A)	G140	96	97	97	97	97	97																			
		G141	96	96	96	96	96	96																			
		G142	96	97	97	97	97	101																			
210	FOR APP FIG 61 (TABLE 1B)	G143	96	97	97	97	97	97																			
		G144	96	96	96	96	96	96																			
		G145	96	97	97	97	97	97																			
211	FOR APP FIG 61 (TABLE 1E)	G146	96	97	97	97	97	97																			
		G147	96	97	97	97	97	97																			
		G148	96	97	97	97	97	97																			
212	FOR APP FIG 60																										
213	FOR APP FIG 60 (TABLE 1)	G149	96	97	97	97	97	97																			
214	FOR APP FIG 60 (TABLE 1A)																										
215	FOR APP FIG 60 (TABLE 1B)	G150	96	97	97	97	97	97																			
216	FOR APP FIG 60 (TABLE 1E)	G151	96	97	97	97	97	97																			
217	FOR APP FIG 58 & 59																										
218	FOR APP FIG 59	G152	96	97	97	97	97	97																			
219	FOR APP FIG 58																										
220		G153	96	97	97	97	97	97																			
221	FOR APP FIG 62	G154	96	97	97	97	97	97																			
222	SWBD CABLE FROM MINI-ROTL INTERFACE CKT	G155		97	97	99	99	99																			
223	FOR APP FIG 60 (TABLE 1D)																										
224	FOR APP FIG 61 (TABLE 1D)	G156		97	97	97	97	97																			
		G157		97	97	97	97	97																			
225	FOR APP FIG 65	G158					100	100																			

CAD	CONTENTS	SHEET NO.	ISSUE NO. 96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 101A

BELL LABORATORIES | SD-25805-01- | A13

SD-25805-01-A13

CBL-142 (10-75)

APPARATUS INDEX

DESIG	LOCATION FS	APP FIG	EQPT
RELAYS			
A0(-)	T6A/B3	8	
A0(-)	16A/F3	150	
A1(-)	16A/B3	8	
A1(-)	16A/F3	150	
A2(-)	16A/B3	8	
A2(-)	16A/E3	150	
A3(-)	16A/B3	8	
A3(-)	16A/E3	150	
A4(-)	16A/B3	8	
A4(-)	16A/E3	150	
A5(-)	16A/A3	8	
A5(-)	16A/E3	150	
A6(-)	17A6	9	
A6(-)	16A/E3	150	
A7(-)	17A6	9	
A7(-)	16A/D3	150	
A8(-)	17A6	9	
A3(-)	16A/D3	150	
A9(-)	16A/D3	150	
A10(-)	16A/D3	150	
A11(-)	16A/D3	150	
A12(-)	17D6	151	
A13(-)	17D6	151	
A14(-)	17C6	151	
A15(-)	17C6	151	
A16(-)	17C6	151	
A17(-)	17B6	151	
AB0-8	20G3	152	
ACD	1F/G4	199	
ACD1	1F/C4	199	
AKT	4C8	44	
ATP	1E/G6	44	
ATP1	1E/E6	44	
B0(-)	16A/E6	8	
B0(-)	16A/H6	150	
B1(-)	16A/E6	8	
B1(-)	16A/H6	150	
B2(-)	16A/E6	8	
B2(-)	16A/H6	150	
B3(-)	16A/E6	8	
B3(-)	16A/G6	150	
B4(-)	17G5	9	
B4(-)	16A/G6	150	
B5(-)	16A/D6	8	
B5(-)	16A/G6	150	
B6(-)	17F5	9	
B6(-)	16A/G6	150	
B7(-)	16A/G6	150	
B8(-)	16A/F6	150	
B9(-)	16A/F6	150	
B10(-)	17H5	151	
B11(-)	17H5	151	
B12(-)	17H5	151	
BC	1B/D5	53	
BCA	1B/C4	53	
C0(-)	16A/B8	8	
C0(-)	16A/D8	150	
C1(-)	16A/B8	8	
C1(-)	16A/D6	150	
C2(-)	16A/B8	8	
C2(-)	16A/D8	150	
C3(-)	16A/A8	8	
C3(-)	16A/C8	150	
C4(-)	17E8	9	
C4(-)	16A/C8	150	
C5(-)	17E8	9	
C5(-)	16A/C8	150	
C6(-)	16A/C8	150	
C7(-)	16A/C8	150	
C8(-)	17G8	151	
C9(-)	17G8	151	
C10(-)	17G8	151	
C11(-)	17F8	151	
CH0-4	25A7	12	
CH0-4	29E/B1-D1	179	
CH5-9	25A7	12	
CH5-9	29E/D1	179	
CIC	2E8	1	
CIT	2A8	1	
CITA	2C8	43	
CN-RG0-4	29C/B2	173	
CN-RG5-9	29C/B2	173	
CN-RG10-14	29C/C2	173	
CN-RG15-19	29C/D2	173	
CS0-4	29D/B1,A5	174	
CS5-9	29D/C1,D5	174	
CS10-14	29D/C1,F5	174	
CS15-19	29D/D1,F5	174	
CS20-24	29D/D1,G5	174	
CS25-29	29D/E1,H5	174	
D0(-)	16B/A3	163	
D1(-)	16B/A3	163	
D2(-)	16B/B3	163	
DR0-4	29E/B1-D1	179	
DR5-9	29E/D1	179	
DRA0-4	29E/B1-D1	179	
DRA5-9	29E/D1	179	
DRB0-4	29E/B1-D1	179	
DR85	29E/D1	179	
E0(-)	16B/C3	57,164	
E1(-)	16B/D3	164	
E2(-)	16B/D3	164	
EF	25D6	11	
EF	25E6	166	
EXB	25C0	45	
EXB	25E1	166	
F0(-)	16B/E3	178	
F1(-)	16B/E3	178	
FR0-4	29E/B1-D1	179	
FR5-9	29E/D1	179	
FS0-4	29B/C6	172	
FS5-9	29B/C6	172	
FS10-14	29B/D6	172	
FS15-19	29B/D6	172	
FS20-24	29B/E6	172	
FS25-29	29B/E6	172	
FSP	1E/G4	167	
FUT0-4	29E/B1-D1	179	
FUT5-9	29E/D1	179	
G0	16B/G3	197	
G0-4	29B/D2	171	
G5-9	29B/E2	171	
G10-14	29B/E2	171	
G15-19	29B/F2	171	
H0(-)	16B/F3	198	
HGT0-4	29E/B1-D1	179	
HGT5-9	29E/D1	179	
HN0-4	25A7	11	
HN0-4	25A6	165	
HN0-4	29E/B6, B7	65,177	
HN5-9	25A7	11	
HN5-9	25A6	166	
HN5-9	29E/D6, D7	65,177	
ITT	5B3	1	
ITTI	7F1	1	
JC0-9	25C6	11	
JC0-9	25D6	166	
LC0-4	29E/B1-D1	179	
LC5-9	29E/D1	179	
LIT	1B/E8	40	
LITV	1B/E9	56	
LITVI	1B/F9	56	
LTP	1A/E5	49	
LTP	1A/H5	159	
LTP1	1A/B6	49	
LTP1	1A/G6	159	
LV0-4	29E/B1-D1	179	
LV5-9	29E/D1	179	
LVP	1E/G3	46	
LVP1	1E/E3	46	
MAGT	1B/E5	53	
MKA(-)	1D/A6	6	
MKA(-)	1D/A3	187	
MKA1(-)	1D/A8	6	
MKA2(-)	1D/A0	41	
MKA2(-)	1D/A2	188	
MKB(-)	1D/A6	6	
MKB(-)	1D/A4	187	
MKB1(-)	1D/A6	6	
MKB1(-)	1D/A4	187	
MKB2(-)	1D/A1	41	
MKB2(-)	1D/A2	188	
MKB3(-)	1D/A7	6	
MKT(0)	7B7	6	
MKT(1)	7B6	6	
MKT(-)	7B6	6	
MKT(-)	7B4	187	
MKT1(-)	7B0,B1	41	
MKTJ(-)	7B2,B3	188	
MMT	1B/D6	53	
MON	1F/F7	2	
MPB	1B/E4	53	
MPR(0)	1D/G6	3	
MPR(-)	1D/G1,G6	4	
MPR(-)	1D/G0	5	
MPR(-)	1D/G4	187	
MPR(-)	1D/G2,G3	188	
MPS	1B/E5	53	
MTE	1B/C7	23	
MTL	4E0	43	
MTO	1B/C7	23	
MTP	1F/G6	2	
MTP1	1F/J5	43	
MTR	2D8	1	
MTRA	25A0	11	
MTRA	25A0	166	
NGCU0-4	29E/B6	177	
NGCU5-9	29E/D6	177	
ON	2A3	1	
ON1	2F5	22	
OSGC	29A/A1-C1	169	
OSG5-9	29A/D1	169	
OSG10	29A/G1	169	
OSG11	29A/H1	169	
PO(-)	16A/G7	52	
P1(-)	16A/F7	52	
P2(-)	16A/C3	52	
PC0(-)	23B3	37	
PC1(-)	23B3	37	
PC2(-)	23B3	37	
PCN	1B/E7	13	
PPR0	1C/G6	32	
PPR1	1C/G5	33	
PPR2	1C/G5	34	
PPR3	1C/G4	189	
PPR4	1C/G3	190	
PPR5	1C/G2	191	
PPR6	1C/G1	192	
PPR7	1C/G0	193	
PRA(0)	1C/D6	36	
PRA(1)	1C/D6	36	
PRA(2)	1C/D5	36	
PRA(3)	1C/D4	36	
PRA(4)	1C/D3	36	
PRA(5)	1C/D2	36	
PRA(6)	1C/D1	36	
PRA(7)	1C/D0	36	
PRB(0)	1C/D7	36	
PRB(1)	1C/D6	36	
PRB(2)	1C/D5	36	
PRB(3)	1C/D4	36	
PRB(4)	1C/D4	36	
PRB(5)	1C/D2	36	
PRB(6)	1C/D2	36	
PRB(7)	1C/D1	36	
PTP	1C/G8	31	
PTP1	1C/D8	47	
PTT(0)	9C8	36	
PTT(-)	9B8	36	
R0-8	20C3	10	
R0-8	20E3	152	
RA0-8	20E3	152	
RC(-)	21B3	24	
RCR(-)	1B/C0-C4	24	
RCR-EMG	1B/C4	24	
REP	1E/G2	183	
REP1	1E/E2	183	
REP2	1E/G2	183	
RF	25F6	11	
RF	25F6	166	
RG20-23	29C/D2-F2	173	
RGC0	23C3	35	
RGC1	23C3	35	
RGC2	23C3	35	
RM	12C8	1	
RM1	12D6	1	
RMIS	12F6	182	
RMA	12F6	1	
RMS	12D6	182	
RN0-4	29E/B1-D1	179	
RN5-9	29E/D1	179	
RNA	21A3	22	
RON	2G8	1	
RONA	2H8	1	
ROS	12A6	1	
RP	12C6	38	
RP1	12E6	38	
RPR(0)	1B/E2	15	
RPR(-)	1B/E1,E2	16	
RPR(-)	1B/E0	17	
RPR-EMG	1B/E3	14	
RR	12D3	22	
RR1	12E3	22	
RR2	12E3	22	
RR3	12F4	22	
RR4	12E3	22	
RR5	12F4	22	
RST≤5-29	29C/E2	173	
RT	12C3	22	
RT	12D3	162	
RT1	12G4	22	
RT1	12G4	162	
RT2	12C3	22	
RT3	12H4	22	
RTE	19C6	27	
RTE	19A6	156	
RTE1	19B5	28	
RTEA	19B6	156	
RTO	19G6	27	
RTO	19E6	156	
RTO1	19E5	28	
RTOA	19F6	156	
RTOS	12B6	1	
RTP	1E/G7	195	
RTP0	1E/G1	181	
RTP1	1E/G1	181	
RTP2	1E/E7	195	
RTSA	1E/B9	185	
RTSB	1E/B9	194	
RTST	1E/B8	43	
S0-4	20D3	10	
S0-4	20F3	152	
S0-4	29B/A2	170	
S5-8	20D3	10	
S5-8	20F3	152	
S5-9	29B/B2	170	
S10-14	29B/C2	170	
SA0-8	20G3	152	
SC	1B/D5	53	
SEF	25B0	11	
SEF	25B0	166	

ISSUE 75D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-A14

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-A14

CBL-176 (9-68)

APPARATUS INDEX

RELAYS

DESIG	LOCATION FS	APP FIG	EQPT
SKT	4C7	43	
SL	25H6	42	
SP0	15A2	7	
SP1	15B2	7	
SP2	15C2	7	
SP3	15E2	39	
SP4	15G2	184	
SSP	1E/G0	186	
STC	21E3	29	
STC1	21H3	29	
STC2	21F3	29	
STC3	21H3	29	
STC4	21F3	29	
STC5	21G3	29	
T0-4	25B7	11	
T0-4	25B6	166	
T0-4	29E/B6	177	
T5-9	25B7	11	
T5-9	25B6	166	
T5-9	29E/D6	177	
T0(-)	16A/E8	8	
T0(-)	16A/F8	150	
T1(-)	16A/E8	8	
T1(-)	16A/F8	150	
T2(-)	17B8	9	
T2(-)	16A/F8	150	
T3(-)	17B8	9	
T3(-)	16A/F8	150	
T4(-)	17D8	151	
T5(-)	17D8	151	
T6(-)	17D8	151	
T7(-)	17D8	151	
T8(-)	17A9	176	
TAA-	1A/B2	62	
TAP-	1A/D1,D2	62	
TB0-4	29E/B1-D1	179	
TB5-9	29E/D1	179	
TCA	24B0	157	
TG0-4	29B/D2	171	
TG5-9	29B/E2	171	
TG10-14	29B/E2	171	
TG15-19	29B/F2	171	
TM	6B2	1	
TM1	4A0	1	
TM2	4A1	1	
TOR0-4	29F/A3-C3	175	
TOR5-9	29F/D4-F4	175	
TPE	1B/E7	13	
TPO	1B/E6	13	
TRC	2G4	1	
TRC1	2H1	1	
TRC2	2G2	1	
TS	5C5	1	
TS0-4	29B/D2	171	
TS5-9	29B/E2	171	
TS10-14	29B/E2	171	
TS15-19	29B/F2	171	
TSTS	3H6	64	
TTL	4E7	159	
TTL	4E8	48	
TTP	1A/E7	18	
TTP	1A/H6	159	
TTP1	1A/B7	48	
TTP1	1A/G7	159	
TTR	1E/G5	167	
TTR1	1E/E5	167	
TTR2	1E/G5	185	
TTR3	1E/E6	185	
TVA(-)	1A/C3	25	
TVA	1A/B1	160	
TVB(-)	9D1	25	
TVB1(-)	9E1	160	
TVB(-)	1A/B3,C3	25,58,59	
TVB	1A/B1	160	
TVP0	1A/H3	159	
TVP0	1A/E0	168	
TVP(0)	1A/E5	19	
TVP1	1A/H3	159	
TVP1	1A/E0	168	
TVP(-)	1A/E4	20	
TVP(-)	1A/E3	21	
TVT(0)	8B7	25	
TVT(1)	8B5	25	
TVT(-)	8A4-B7	25	
TVT(-)	8B1,B2	160	
TVT3	21D4	22	
TXE	19A8	28	
TXE1	19B8	28	
TXO	19E8	26	
TXO1	19E8	28	
U0-4	25B7	11	
U0-4	25C6	166	
U0-4	29E/B6	65,177	
U5-9	25B7	11	
U5-9	25C6	166	
U5-9	29E/D6	65,177	
UA0-4	29E/B6	177	
UA5-9	29E/D6	177	
V0(-)	18B4	26	
V0(-)	29G/A8	60	
V0(-)	18F4	153	
V0(-)	18D8	161	
V1(-)	18B4	26	
V1(-)	29G/B8	60	
V1(-)	18F4	153	
V1(-)	18D8	161	
V2(-)	18B4	26	
V2(-)	29G/C8	61	
V2(-)	18F4	153	
V2(-)	18D8	161	
V3(-)	18B4	26	
V3(-)	29G/C8	61	
V3(-)	18E4	153	
V3(-)	18C8	161	
V4(-)	29G/D8	61	
V4(-)	18E4	153	
V4(-)	18A4	158	
V4(-)	18C8	161	
V5(-)	29G/E8	61	
V5(-)	18E4	154	
V6(-)	29G/E8	61	
V6(-)	18E4	154	
V7(-)	29G/F8	61	
V7(-)	18D4	154	
V8(-)	29G/F8	61	
V8(-)	18D4	154	
V9(-)	29G/G8	61	
V9(-)	18D4	154	
V10(-)	18C4	155	
V11(-)	18C4	155	
V12(-)	18C4	155	
V13(-)	18C4	155	
V14(-)	18C4	155	
V15(-)	18A4	55	
VGT0-4	29A/C6	169	
VGT5-9	29A/D6	169	
VGT10	29A/A6	169	
VGT11	29A/B6	169	
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COMPONENT ASSEMBLY

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NGCU		177	
T		177	
U		65,177	
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DIODES

DESIG	LOCATION FS	APP FIG	EQPT
ACD	14G7	199	
ACD1	3F5	199	
AIS1	SEE APP FIG		
AIS2		1	
AT1-4	2B4-D4	1	
CD(0-2)	13E6	63	
CDA(0-2)	13D7	63	
CDB(0-2)	13F6	63	
CDC(0-2)	13F7	63	
G0-19	29G/A1	54	
GA	29G/C1	54	
GB	29G/D1	54	
GR0-19	29G/B1	54	
GRA	29G/C1	54	
GRB	29G/E1	54	
MA(-)	16A/F0	6	
MB(-)	16A/G0	6	

RESISTORS

DESIG	LOCATION FS	APP FIG	EQPT
HN0-4	29E/C6	65,177	
HN5-9	29E/D6	65,177	
NGCU0-4	29E/C6	177	
NGCU5-9	29E/D6	177	
T0-4	29E/C6	177	
T5-9	29E/D6	177	
TRA	10F3	1	
U0-4	29E/C6	65,177	
U5-9	29E/D6	65,177	
UA0-4	29E/C6	177	
UA5-9	29E/D6	177	

ISSUE 75D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-A15

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-A15

CBL-176 (9-68)

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LINE, LINE LINK AND CONNECTOR	L,LL&C	20E6
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LINE LINK MARKER CONNECTOR MAXIMUM CAPACITY 4 CONNECTORS PER FRAME	LLMCM	20A7
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MASTER TEST CONTROL	MTC	21A1
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ORIGINATING REGISTER MARKER CONNECTOR-MARKER PART	ORMC-MP	22C4
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OUTGOING SENDER CONNECTOR	OSC	22A5
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TEST CONNECTOR CKT FOR ACD	TCC	23A6
TRANSLATOR ACCESS CKT	TA	24A0
TRANSVERTER	TV	24E0
TRANSVERTER CONNECTOR	TVC	24D4
TROUBLE RECORDER CONNECTOR (PART OF SD-26029-01)	TRC	24G4
TROUBLE RECORDER CONTROL AND TEST	TR	26A0
TRUNK LINK	TL	24A5
TRUNK LINK AND CONNECTOR	TL&C	24B5
TRUNK LINK CONNECTOR	TLC	24D5
TRUNK TEST	TT	24G5
TRUNK TEST REGISTER	TTR	24A6
WADS LINE CONCENTRATOR NO. 2A	WC	24A8

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
A'0	31D6	24G0
A'1	31E6	24G0
A'2	31F6	24G0
AT	32B1	24D0
B'0,1,2,4,7	32B4	24G0
C'0,1,2,4,7	32B9	24G0
D'0,1,2,4,7	35E1	24G0
DS	35E9	24G0
DTK	35E9	24D0
DTN	36B1	24D0
E'0,1,2,4,7	36F1	24G0
F'0,1,2,4,7	36E6	24G0
HR1	39C6	24D0
IPA	39E9	24D0
LC	40D9	24D0
ONL	2F6	18G3
OTO	45B9	24D0
P	45E9	24G0
P1	45F9	24G0
PAK	46C1	24D0
PT	46G6	24G0
PTI	46A9	24G0
PTS	46E9	24G0
RC(-)	21B2	17G0,30C/D0
RCCK	11F5	17G0,30C/D0
RD	47A6	24G0
RST0-9	34G1	21E0
RST10-15	34C4	20B/D7
RST16-19	34F4	20B/D7
RT	48F9	21E0
T0,1,2,4,7	50C6	20B/F4
TBL	51C1	24G0
TBLE	19D4	24H0
TBLO	19G4	24H0
TRB	14C2	17G0,30C/D0
TRCA	28A8	17G0,30C/D0
TRCB	28A8	17G0,30C/D0
TRCC	28B8	17G0,30C/D0
TRST	18/B0-B3	17G0,30C/D0
TV	54D6	24G0
U0,1,2,4,7	54F9	20B/F4
XP1	56G6	24D0
XT1	57C1	24D0
XTC	57E1	24G0
XTL	57B4	24D0
XU1	57G4	

AMA TRANSLATOR (AMAT)

DESIG	LOCATION FS	LOCATION CAD
GO-19	29G/A4	13G7
GA	29G/C4	15A3
GB	29G/D4	15A3
GG	28D8	17D7, 152D4,D7
TLRO-29	34B9	13G7
TRG	28E8	17D7, 152C7,D4

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
1TR	30D6	SEE ATVC CKT
2TR	30D9	
AO,1,2,4,7	31B6	
BO,1,2,4,7	32F1	
CO,1,2,4,7	32F6	
CI	1A/C0	
CKI	33C4	55D7
CMB	34E9	
DO,1,2,4,7	35C1	SEE ATVC CKT
DIST	35G4	55D3
DNK	35B6	55D7
EO,1,2,4,7	36D1	SEE ATVC CKT
FO,1,2,4,7	36C6	
FTO-3	37B9	
FUO	38D1	SEE ATVC CKT
FU1,2,4,7	38F1	
GO,1,2,4,7	38F4	
GC	33F4	
H7	38F9	
HNO-3	39D4	55D3
HN4-8	39F4	55D3
HN9	39A6	55D3
MB	9H3	
MB1	9H3	
MC	42B4	55G7
MOA	42D9	55D7
NOB	44A4	55D7

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
OBS	44A9	55D7
OFFO,1	45G1	55A0
OFF2,3	45G1	55D3
OFF4,5	45B4	55D3
OFF6-9	53G9	55A0
OFTO-2	45D4	55D3
P	45E9	55F7
PT	46G6	55F7
RCCK	11F5	
RL	47F9	SEE ATVC CKT
RLA	48A1	55F7
RPT	48F6	SEE ATVC CKT
SC	49E4	SEE ATVC CKT
TO-9	50E6	55D3
TGR	51F6	55D7
THO,1	43D9	55D3
TH2	43F9	55D3
TH3-6	43G9	55D3
TH7-9	44B1	55D3
TIK	51D9	55F7
TM	6F5	
TM2	52A4	55D3
TNK	52E4	55A3
TOP	52C6	55F7
TPT	52G6	SEE ACTV CKT
TR	52B9	
TRIT	45E1	55D7
TRA	52D9	55E7
TRB	13C8	55A3
TRL	53E4	SEE ATVC CKT
TRS	53B6	
TRST	1A/C0	
TTT	48E6	55F7
TVA	1A/A0	
TVB	1A/A1	
TVT	11D2	
TVTAO	8E4	
TVTA1	8E4	
UO-9	55A1	55D3
VFO-4	55E1	SEE ATVC CKT
VGO,1	55C4	SEE ATVC CKT
VG2,4,7	55E4	
VG10	55A6	
X	55B9	55D7
XET	56E1	55D7
XRL	56C9	55F7
XTL	57B4	55D7
XVF	57G4	55D3
XVG	57A6	55F7

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
1TR		55A7
2TR		55A7
AO,1,2,4,7		55A0
BO,1,2,4,7	SEE ATV CKT	55A0
CO,1,2,4,7		55A0
CKI		
CMB		
CNO,1	33F9	7E7
CNG	27G3	
DO,1,2,4,7		55A0
DIST	SEE ATV CKT	
DNK		
EO,1,2,4,7		55A0
FO,1,2,4,7		55A0
FRO	37H1	7G7
FRG	27F8	
FTO-3		55H3
FUO,1,2,4,7		55A7
GO,1,2,4,7	SEE ATV CKT	55A0
GC		55A7
H7		55A0
HGO,1,2,4,7		55A7
RL		55E7
RLA	SEE ATV CKT	
RPT		55B7
SO	49C1	7B7
S1-4	49E1	7B7
S5-9	49F1	7B7
SC	SEE ATV CKT	55H3
SG	28H3	
SWO,1,2,4,7	39E1	55A7
TPT		55A7
TR		55E7
TRIT		55A7
TRA		
TRL	SEE ATV CKT	
TRS		55A7
TTT		
TVT		
VFO-4		55A7
VGO,1		55H3
VG10		55H3

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)

DESIG	LOCATION FS	LOCATION CAD
GO-19	29G/B4-E4	SEE AIOD-TC CKT
GA	29G/C4	
GB	29G/E4	
GG	SEE AIOD-TC CKT	17D7
TLRO-29	34B9	SEE AIOD-TC CKT
TRG	SEE AIOD-TC CKT	17D7

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)

DESIG	LOCATION FS	LOCATION CAD
GO-19		13H7
GA	SEE AIODT CKT	15A4
GB		15A4
GG	28D8	SEE AIODT CKT, 152D4,D7
TLRO-29	SEE AIODT CKT	13E7
TRG	28F8	SEE AIODT CKT, 152D4,D7

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

BELL LABORATORIES | SD-25805-01- | A16

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AUTOMATIC MONITOR (MON)

DESIG	LOCATION FS	LOCATION CAD
2DT	30G5	SEE MTC CKT
11	31F2	
AO,1,2,4,7	31B5	
A'O,1,2,4,7	31D5	5D/C3
AMA	31D7	
ARO,1,2,4,7	31F7	SEE MTC CKT
AVK1	32D0	
BO,1,2,4,7	32F0	
B'O,1,2,4,7	32B2	5D/C3
BRO,1,2,4,7	32E2	SEE MTC CKT
CO,1,2,4,7	32F5	
C'O,1,2,4,7	32B7	5D/C3
CI	1F/C7	2A/HO,H3
CL1,2	33B5	SEE MTC CKT
CL3	33C5	
CL4,5	33B5	
CL6	33D5	
CL7,8	33E5	
CPO	34C5	
CR	34E5	
CRO,1,2,4,7	34F5	
CR'O,1,2,4,7	32E4	7G3
D	34G7	SEE MTC CKT
DO,1,2,4,7	35C0	SEE MTC CKT
D'O,1,2,4,7	35E0	5D/C3
DCK	35G0	SEE MTC CKT
DL1-5	35G2	
DL6	35A5	
DRO-9	26B0,35F5	8A3
DRTO,1	26B0,35B7	8A3
EO,1,2,4,7	36D0	SEE MTC CKT
E'O,1,2,4,7	36F0	5D/C3
FO,1,2,4,7	36C5	SEE MTC CKT
F'O,1,2,4,7	36E5	5D/C3
FAC	30F5	SEE MTC CKT
FAK	36B7	
FBK	36B7	
FGO	36F7	
FGI	37A0	
FSO-2	37D5	
FS3-19	37E5	
FTO-3	37B7	
FUO	38D0	
FU1,2,4,7	38F0	
FVO	38D2	
GO,1,2,4,7	38F2	SEE MTC CKT
G'O,1,2,4,7	38A5	5D/C3
HO,1,2,4	38D7	SEE MTC CKT
H7	38F7	SEE MTC CKT
H'O,1,2,4,7	39A0	5D/C3
HGO,1,2,4,7	39D0	
HMS1	3C8	
HTO,1,2,4,7	39D5	
IMC	39C7	SEE MTC CKT
JO,1,2,4	40A0	
J7	40C0	
J'O,1,2,4,7	40D0	5D/C3
KO,1,2,4	40D2	SEE MTC CKT
K7	40F2	SEE MTC CKT
K'O,1,2,4,7	40A5	5D/C3
LO,1,2,4	40C5	SEE MTC CKT
L7	40E5	SEE MTC CKT
L'O,1,2,4,7	40G5	5D/C3
LCO-9	40E7	7C0
LR	41A5	SEE MTC CKT
LT	41C5	
LTI	30F7	
LT2	41F5	
LVO	52B7	7F3
LV1	52H0	
LV2-9	41B7	
MO-2,4	39H2	133F3
M'O-2,4	55C0	133F3
M7	41F7	SEE MTC CKT
M'7	42A0	5D/C3
MII	42B1	SEE MTC CKT
MF	42C2	SEE MTC CKT
MIR	42E4	7A0
MON	42D7	SEE MTC CKT
MOR	42F9	7A0
MOS	42F9	7A0
MTRI	12C8	1B/G0
N7	41G7	133F3
N'7	42B0	133F3
NDK	43G5	SEE MTC CKT
OA	44C5	SEE MTC CKT
OB	44E5	SEE MTC CKT
ON	2A1	1B/A4,G0
OR	45B5	SEE MTC CKT
PCD	46F0	SEE MTC CKT
PCDY	46G0	
PCR	46B2	
PD	46D2	
PHC	46E2	
PK	46F2	
PS	46E5	
RO	48A0	SEE MTC CKT
RP	48F2	
SCK	49G2	
SCN	49A5	
SCT	49B5	
SPL	50L0	
SRT	50A2	5A/C7
STR	3B0	1B/A4,G0
STRI	3C8	
STRA	3D8	1B/B4
STRC	3D8	
TAN	50A7,G5	SEE MTC CKT
TANI-4	50B7	
TCA	51F0	
TCB	51A2	
TFO,1,2,4,7	51B5	
THC	51G5	
THTO	41E2	
THT1	41E2	
THT2	51B7	
THT3	51B7	
TOL	52B5	
TP	52D5	
TRA	10E5	
TRB	14D8	1B/G0
TRBI	14D8	1B/G0
TRC	12A8	1B/A4,G0
TRST	1F/C7	2A/HO,H3
TST	54G0	SEE MTC CKT
TT	54B2	
TTO,1,2,4,7	50D5	
UTO,1,2,4,7	54F7	SEE MTC CKT
VFO-4	55E0	
VGO,1	55C2	SEE MTC CKT
VG2,4,7	55E2	
VG10	55A5	
XII	55C7	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
2DT	30G5	SEE MTC CKT
11	31F2	
AO,1,2,4,7	31B5	
AKT	48B	2A/C0
AL	31B7	SEE MTC CKT
ALT	31C7	
AMA	31D7	
AMKS	7F6	2A/D0
ATKT	32C1	14G3
ATP	1E/D6	2A/D0
BO,1,2,4,7	32F0	SEE MTC CKT
BT	32A5	
CO,1,2,4,7	32F5	
CGA	32C7	
CGB	32C7	
CIB	5D7	1B/E0
CSG1	34C7	SEE MTC CKT
CSG2	34C7	
CTAO-2	34E7	
CUO,1,2,4,7	34F7	
DO,1,2,4,7	35C0	
DCT	35A2	
DIS	35D2	
DISI	35E2	
EO,1,2,4,7	36D0	SEE MTC CKT
ECN	36G0	
F	36B5	SEE MTC CKT
FO,1,2,4,7	36C5	
FCK	36E7	
FGO	36F7	
FGI	37A0	
FSO-19	37D5	
FSO-29		104D7
FTO-3	37B7	
FTC	37E7	
FTCK	37F7	
FUO	38D0	
FU1,2,4,7	38F0	
GO,1,2,4,7	38F2	SEE MTC CKT
GPA	38E5	
GPB	38F5	
HO,1,2,4	38D7	SEE MTC CKT
H7	38F7	
HGO,1,2,4,7	39D0	
HMS1	39C2	
HTO,1,2,4,7	39D5	
INC	39C7	SEE MTC CKT
JO,1,2,4	40A0	
J7	40C0	
KO,1,2,4	40D2	
K7	40F2	
L7	40E5	
LHM	41C0	
LHMT	41D0	
LK2	41B2	
LK3	41C2	
LT	41C5	
LT2	41F5	
MKT(-)	7E6	3E3,1B/E7, 104D7
MOI	42B7	SEE MTC CKT
MRL	43B0	
MTIK	43G0	
MT2K	43A2	
MT5	43C2	
MT7K	43H0	
MT8K	43D2	
MT9K	43E2	
MT10K	43F2	
MT12K	43G2	
MT57	43H2	
MTL	7C9	2A/C0
NDT	43A7	SEE MTC CKT
NOB	44A2	
OR	45B5	
OSC	45E5	
OTT	45C7	
OV	45D7	
PCR	46B2	
PK	46F2	
RA	47A0	
RBT	47C0	
RBTI	47D0	
RCT	47C2	
RCTI	47D2	
ROG	48C2	
RP	48F2	
SB	49C2	
SBT	49D2	
SCK	49G2	
SRTI	50G2	
TANI-4	50B7	
TB	50C7	
TBT	51D0	
TCA	51F0	
TCB	51A2	
TDCT	51E2	
TFO,1,2,4,7	51B5	
THTO,1	41E2	
THT2,3	41B7	
TI	6HI, 51C9	SEE MTC CKT, 1B/E0
TM	6C0	1B/E0
TMKI	52C2	
TOL	52B5	
TP	52D5	
TR2	30E7	SEE MTC CKT
TRK	30E5	
TRL	53E2	
TRLI	53F2	
TRL2	53G2	
TS	6G8	2A/D0
TSO-3	45F0	104D7
TS4,5	45A2	104D7
TS6-9	53F7	104D7
TSIO-19	54A0	104D7
TSE1	54C0	SEE MTC CKT
TSE2	54D0	SEE MTC CKT
TST	10G5	21B7
TT	54B2	SEE MTC CKT
TTO,1,2,4,7	50D5	
UTO,1,2,4,7	54F7	SEE MTC CKT
VFO-4	55E0	
VGO,1	55C2	
VG2,4,7	55E2	
VG10	55A5	

BILLING DATA TRANSMITTER (BDT)

DESIG	LOCATION FS	LOCATION CAD
AO-2	37E9	13IB3
BO,1,2,4,7	38A4	13IB3
CO,1,2,4,7	55C6	13IB3
CLF	33F6	13IB3
DO,1,2,4,7	39F1	13IB3
EO,1,2,4,7	55H1	13IB3
ENCO,1	36C4	13IB3
FO,1,2,4,7	34F9	13IB3

CALENDAR AND CLOCK CKT (C&C)

DESIG	LOCATION FS	LOCATION CAD
DTO,1,2,4,7	35D9	13D7
DUO,1,2,4,7	36C1	13D7
HTO,1,2,4,7	39D6	13D7
HUO,1,2,4,7	39B9	13D7
MTO,1,2,4,7	43D1	13D7
MUO,1,2,4,7	43E6	13D7

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
AO,1,2,4,7	31A6	13500
AG	29C/B5	15301
AIOD	48F1	13604
BO,1,2,4,7	32F1	13500
BG	29G/B5	15301
CO,1,2,4,7	32E6	13500
CCSP	49H4	136C7
CG	29G/B5	15301
CGA,B	32C9	13600
CGG	29G/B5	15301
CK	33C4	13604
CKG	45E9	13604
CTO,1,2,4,7	34C6	13600
CTG	29G/B5	15301
CUO-2	42G1	13600
CU4,7	42B4	13600
CUG	29G/B5	15301
DO,1,2,4,7	35C1	13500
DG	29G/B5	15301
DU4L	47B1	136C7
EO,1,2,4,7	36D1	13500
ECTO-2	55H1	13600
ECTG	29G/B6	15305
ECUO,1,2,4,7	34G9	13600
ECUG	29G/B6	15305
EG	29G/B5	15301
EVN	47B6	13604
FO,1,2,4,7	36C6	13500
FG	29G/B5	15301
FGO	36G9	142C7,145B7, 148B7
FGI	37B1	
FG2		
FN	33B4	13604
FNA	45G9	13604
FNB	4009	13604
FNG	29G/B6	15305
FTO-3	37D9	13504
FTG	29G/B6	15305
FUO,1,2,4,7	38D1-F1	13504
FUG	29G/B6	15305
GO,1,2,4,7	38F4	13500
G(A-H)	29G/B5	15301
G(J-L)	29G/B5	15301
GM	29G/B5	
HO,1,2,4,7	38D9-F9	13500
HG	29G/B5	15301
HNO-3	39E4	13504
HN4-8	39G4	13504
HN9	39B6	13504
HNG	29G/B6	15305
HMS1	36B1	13604
ITR	46C1	13604
JO,1,2,4,7	40A1-C1	13500
JG	29G/B5	15301
KO,1,2,4,7	40D4-F4	13500
KG	29G/B5	15301
L7	40E6	13500
LT	41D6	136C7
LTI	30D9	136C7
LT2	41G6	136C7
LT3	38D4	136C7
MT	49F4	13604
MTO	36G9	136C0
MTI	37B1	136C0
MTG	29G/B6	15305
MTK	50C6	13604
MUO,1,2,4,7	51C6	136C0
NOB	44A4	13500
NROO	35B1	13604
NRDI	39C6	13604
NRG	29G/B6	15305
OBG	29G/B6	15305
OBS	44A9	13500
OC	42B9	13604
ODD	35B9	13604
OEG	29G/B6	15305
OFFO-3	45H1	13504
OFF4,5	45C4	13504
OFF6-9	53F9	13504
OFFG	29G/B6	15305
OFTO-2	45D4	13504
OFTG	29G/B6	15305
PPSP	49B6	136C7
RCDO	32F4	13604
RED1	32B1	13604
RCG	29G/B6	15305
RK3	46B9	13604
SLU	44E4	136C7
SMPA	30B9	13500
SNG	36H4	136C7
SOG	46H6	13604
SPTO,1	38C1	13604
SPTG	29G/B6	15305
SPUO,1,2,4,7	38C4	13604
SPUG	29G/B6	15305
TO-4	50F6	13504
TS-9	50F6	13506
TBK	35F9	13604
TBL	51C1	136C4
TBY	51E1	136C7
TFO,1,2,4,7	51B6	135C7,142C7, 145C7
TFTO-2	37E9	135C7
IFTG	29G/B6	15305
TFUO,1,2,4,7	38A4	135C7
TFUG	29G/B6	15305
TG	29G/B6	15305
THO-6	43C9-G9	13504
TH7-9	44B1	13504
THG	29G/B6	15305
TK	47C9	13604
TM2	52B4	136C7
TMG	29G/B6	15305
TNTO,1,2,4,7	55D6	135C7
TNTG	29G/B6	15305
TNUO,1,2,4,7	39F1	135C7
TNUG	29G/B6	15305
TRL	53E4	13604
UO-9	55B1	135C7
UG	29G/B6	15305
VGO,1,2,4,7	55C4-E4	13504
VGIO	55A6	13504
VGG	29G/B6	15305
XII	55C9	136C7

CALL WAITING LINK (CWL)

DESIG	LOCATION FS	LOCATION CAD
CRS	51F4	30B/A3
HMS	51E6	30B/A3
SXT	57B1	30B/A3
XHM	56F9	30B/A3
XS	56E9	30B/A3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 100B

BELL LABORATORIES | SD-25805-01- | A17

SD-25805-01-A17

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LEAD INDEX FOR TABLE I

DESIG	LOCATION FS	LOCATION CAD	COMBINED OR COMPLETING MARKER (CM)
ONN	30B6	4H5	
ISE	30C6	4H5	
~~ITB~~	30C6	4H5	
2DT	30G6	4E0	
2MB	30B9	4H5	
2P	30C9	4B0	
2SA	30B9	4H5	
3FB	30G9	4H5	
3HA	30G9	4H5	
4DG	31B1	4H5	
4NE	31C1	4H5	
4TT	31C1	4H5	
5DG	31D1	4H5	
5MT	31E1	4H5	
5ST	31E1	4H5	
6FT	31F1	4H5	
6NT	31F1	4H5	
7RN	31B4	4H5	
7TP	31B4	4H5	
8MP	31C4	4H5	
8SP	31C4	4H5	
9FP	31D4	4H5	
9NP	31D4	4H5	
11	31F4	4C2	
A	31G4	4C0	
A0,1,2,4,7	31B6	4E0	
A'0,1,2,4,7	31D6-66	4C0	
AD'	4B86	30B/B7	
AIS	43A1	4E0	
AK	31H6	4C0	
AL	31B9	4G5	
ALT	31D9	4A7	
AMA	31D9	4E0	
AN	31F9	4D0	
ARO,1,2,4,7	31F9	4A2	
AVK1	32D1	4A2	
B0,1,2,4,7	32F1	4E0	
B'0,1,2,4,7	32B4	4C0	
BLC	32C4	4A7	
BN	32D4	4E1	
BRO,1,2,4,7	32E4	4A2	
BST	32F4	4G5	
~~BT~~	32A6	4A2	
BV	32D6	3G5	
C0,1,2,4,7	32E6	4E0	
C'0,1,2,4,7	32B9	4C0	
CGA	32C9	4G5	
CGB	32C9	4G5	
CGT	32E9	4G5	
CH0-9	32E9	4B0	
CHA	32F9	4B0	
CHE		4B0	
CI	1D/D6	3F3, 111GO	
CK	33B4	4B0	
CKG	33E4	4B0	
CKG1	33G4	4A7	
CKG2	33G4	4A7	
CKO	33A6	4C0	
CKR	33B6	4C0	
CL1-5	33B6	4E0	
CL6	33D6	4E0	
CL7,8	33E6	4A2	
CLG	33F6	4B0	
CLK	33F6	4B0	
CLT1,2	33G6	3B0	
CN	33E9	4B0	
CNR	34A6	4H5	
CNS	34B6	4C2	
CON	34C6	4G5	
CP0,1,2,4,7	34D6	4H5	
CR	>4E6	4C2	
CR0,1,2,4,7	34F6	4E0	
CRR0-2	34G6	4H5	
CS0-29	34A9	4G5	
CSG1,2	34C9	4G7	
CSW	43F6	4G5	
CT0-2	34D9	4B0	
CTA0-2	34E9	4G7	
CU0,1,2,4,7	34F9	4G5	
D	34G9	4G5	
D0,1,2,4,7	35C1	4E0	
D'0,1,2,4,7	35E1	4C0	
DAC	33C4	4A2	
DCK	35G1	4D0	
DCT	35A4	4G5	
DCT1	35B4	4B0	
DCT2	35C4	4B0	
DCT3	35C4	4G5	
DIS	34D4	4A7	
DISI	35E4	4G5	
DL1-5	35G4	4E0	
DL6	35A6	4E0	
DP	35C6	4C0	
DTK	35E9	4G5	
E0,1,2,4,7	36D1	4E0	
E'0,1,2,4,7	36F1	4C0	
ECN	36G1	4H5	
EF	36A4	4B0	
EG	36B4	4C0	
EN	36C4	4C0	
EXB	25D2	4G5	
EXG	25D2	4G5	
EXT	36G4	4D7	
F	36B6	4A7	
F0,1,2,4,7	36C6	4E0	
F'0,1,2,4,7	36E6	4C0	
FAA	SEE FATC CKT	4G5	
FAB		4G5	
FAC	30F6	4E0	
FAD	52G4	4H5	
FAK	36B9	4D0	
FBK	36C9	4D0	
FCG	36D9	4B0	
FCK	36E9	4G5	
FG0	36F9	4D0	
FG1	37A1	4D0	
FLG	37B1	4G5	
FM	37C1	4B0	
FML	37D1	4B0	
FNA	37E1	4B0,G5	
FNB	37F1	4B0,G5	
FS0-2	37D6	4D0	
FS3-19	37E6	4D0	
FT0-3	37B9	4D0	
FT'0-3	37D9	4B0	
FTC	37E9	4A7	
FTCK	37F9	3G5	
FTK1	38A1	4B0	
FTT0-3	38B1	3G5	
FU0	38D1	4D0	
FU1,2,4,7	38F1	4D0	
FU'0,1,2,4,7	38A4	4B0	
FUT0-9	38B4-D4	4G5	
FVD	38D4	4C2	
G	38E4	4A7	
G0,1,2,4,7	38F4	4E0	
G'0,1,2,4,7	38A6	4C0	
GLH	38D6	4B0	
GPA	38E6	4H5	
GPB	38F6	4H5	
GS1-5	38B9	4H5	
GT2	38B9	4B0	
GT5	38C9	4B0	
GTL	38C9	4B0	
H0,1,2,4	38D9	4E0	
H7	38F9	4E0	
H'0,1,2,4,7	39A1	4C0	
HF	39C1	4G5	
HFA	52G4	4H5	
HG0,1,2,4,7	39D1	4D0	
HG'0,1,2,4,7	39F1	4B0	
HGK	39G1	4G5	
HGT0-9	39A4	4G5	
HMS1	39C4	4D0	
HN0-9	39D4	4C0	
HT0,1,2,4,7	39D6	4C2	
HTK1	39F6	4B0	
HTR	39G6	4B0,G5	
HTUK	39A9	4C0	
INC	39D9	4E0	
ITR	39G9	4C0	
J0,1,2,4	40A1	4E0	
J7	40C1	4E0	
J'0,1,2,4,7	40D1	4C0	
JC0-9	40F1	4B0	
JCK	40F1	4B0	
JG0-4	40A4	4B0	
JSQ0-5	40B4	4G7	
JXP1	33A1	4B0	
JXPA	40C4	4C0	
K0,1,2,4	40D4	4E0	
K7	40F4	4E0	
K'0,1,2,4,7	40A6	4C0	
KJSQ	40B6	4G7	
LO-4	40C6	4E0	
L5D	40A9	4H5	
L7	40E6	4E0	
L'0,1,2,4,7	40G6	4C0	
LB	40C9	4B0	
LCH	40E9	4B0	
LCK	40F9	4G5	
LDT	41A1	4G5	
LFK	41B1	4B0	
LHM	41C1	4G7	
LHMT	41D1	4G7	
LI	41E1	4G5	
LIN	41E1	4B0	
LK	41F1	4B0	
LK1	41A4	4G5	
LK2	41B4	4A7	
LK3	41C4	4D7	
LLO,1	41D4	4B0	
LL2,4	41E4	4B0	
LL7	41F4	4B0	
LLI	41G4	4D7	
LLJ	41G4	4G7	
LOLD	33D4	4G7	
LOLL	35C6	4G7	
LR	41A6	4D0	
LRA	41H4		
LST	41B6	4H5	
LT	41C6	4C2	
LT1	30F9	4A2	
LT2	41F6	4A2	
LTG	10B0	3B3	
LTR		4B0	
LVM	41C9	4G7	
LXPA	41H6	4B0	
LXP1	41D9	4B0	
M	41E9	4G5	
MO-2,4	39H4		
M'O-2,4	55C1		
M7	41F9	4E0	
M'7	42A1	4C0	
MAK1	42C1	4G5	
MAN	42D1	4B0	
MB	11G2	3G3, 111GO	
MB0-2	42F1	4H5	
MB4,7	42A4	4H5	
MF	42C4	4G5	
MIT	6C5	3G3, 111GO	
MKA,B	1D/B6	3G3, 111GO	
MKT(-)	7G3	3F3, 111GO	
MLF	42E6	4G5	
MO1	42B9	4A7	
MON	42E9	4A2	
MPT	43A1	4G5	
MRL	43B1	4G5	
MT	11B2	111GO	
MT1K	43F1,G1	4A7	
MT2K	43A4	4D7	
MT3K	43B4	4G7	
MT5	43C4	4G7	
MT7	43D4	4G7	
MT7K	43H1	4B0	
MT8K	43D4	4G7	
MT9K	43E4	4G7	
MT10K	43F4	4D7	
MT12	43G4	4A7	
MT57	43H4	30B/B7	
N7	41G7	133F3	
N'7	42B0	133F3	
NAMA	43F6	4H5	
NC	43F6	4G5	
ND1	43G6	4B0	
NDK	43G6	4E0	
NDT	43A9	4G5	
NE	43B9	4C0	
NGK	44C1	4E0	
NGK1	44E1	4C0	
NH	44F1	4G5	
NN	44G1	4G5	
NOB	44A4	4H5	
NOB'	44C4	4H5	
NOBT	44D4	4A7	
NOC	44D4	4B0	
NR	44E4	4C0	
NSI	44F4	4B0	
NSO	44F4	4B0	
NSP	42D1	4B0	
NT	44G4	4G5	
NTCW	44H4	30B/D7	
NTH	44A6	4A7	
NTT	44B6	4G5	
NTVB	44C6	30B/D7	
OA	~~44C6~~	~~4C2~~	
OB	44F6	4C2	
OBS	44A9	4H5	
OBS'	44C9	4H5	
OBS1	44D9	4G5	
OBS2	44E9	4G5	
OBST	44F9	4A7	
OC1	45B1	4A7	
OCN	45B1	4H5	
OD'	4886	30B/B7	
OFH	45C4	4G5	
OPR	4586	4C0	
OR	4586	4H5	
ORK	47C9		
OS0-4	45D6	4E0	
OSC	45E6	4D7	
OSE	45F6	4H5	
OSG0-4	45F6	4E0	
OSG5	45F6	4A2	
OSG6-9	45G6	4A2	
OSK	45A9	4H5	
OST2	45B9	4B0	
OTT	45C9	4G5	
OV	45D9	4G5	
P0-9	45F9	4B0	
PA	46A1	4B0	
PB	46C1	4B0	
PBN	46D1	4C0	
PBX	46D1	4G7	
PBX1	46E1	4H5	
PC	46E1	4B0	
PC	46F1	4E0	
PCD1	46G1	4E0	
PCR	46B4	4E0	
PD	46D4	4E0	
PHC	46E4	4E0	
PK	46F4	4E0	
PLL	46H4	4E0	
PN	46A6	4C0	
PNR	46A6	4B0	
PR	46B6	4B0	
PRCY	46C6	4H5	
PS	46E6	4E0	
PSI	52H6	4D7	
PSR	46F6	4C0	
PTK	46B9	4B0,G5	
PTN	46C9	4C0	
PUL	46F9	4C0	
RA	47A1	4G5	
RBT	47B1	4A7	
RBT1	47D1	4G5	
RC	47E1	4A7	
RCCK	11D1	3G3, 111GO	
RCK2	47B4	4G5	
RCK3	47B4	4B0	
RCT	47C4	4A7	
RCT1	47D4	4G5	
RCT2-15	47F4	4G5	
RCY	47G4	4A0	
RF	47B6	4B0	
RI	47G6	4E0	
RK	47A9	4B0	
RK1-3	47C9,D9	4B0	
RL	47G9	4B0	
RNO,1,2,4,7	48D1,E1	4H5	
RNG	48G1	4C0	
RNK	48G1	4C2	
RNT2	48H1	4B0	
RO	48A4	4E0	
RO'	48B4	4B0	
ROA	48C4	4C0	
ROG	48C4	4D7	
ROH	48D4	4G5	
RON	12F8	1B/B0,21E2, 111GO	
ROT	48F4	4A2	
RP	48F4	4C2	
RPK	48D6	4C0	
RS0-9	48G6,H6	4G5	
RSC	48H6	4B0	
RSK	48B9	4G5	
RTC	48G9	30B/B7	
RTST	1E/D8	2A/C0	
RV	49B1	4C0	
RVI	33E4	4B0	
S0-4	49B1	4D7	
S5-9	49H1	4D7	
SAE	49C4	4C0	
SB	49C4	4A7	
SBT	49D4	4A7	
SC	49E4	4H5	
SCB	49F4	4G5	
SCK	49G4	4C2	
SCN	4946	4C2	
SDT	49D6	4G5	
SF	49E6	4B0	
SIA	49G6	4D7	
SIB	49G6	4D7	
SL	49B9	4G5	
SLCK	49D9	4H5	
SLK1	49D9	4B0	
SLK2	49D9	4B0	
SMP	30C9	4B0	
SNG	49E9	4C0	
SNK	49F9	4B0	
SOG	49F9	4C0	
SON	50A1	4H5	
SP	15A3,B3	3F7	
SPC	15B3,C3	3F7	
SPL	50E1	4D0	
SQA	50G1	4B0	
SRK	50H1	4G5	
SRT	50A4	4B0	
SSA	50D4	4H5	
SSB	50D4	4H5	
STP1,2	50E4	4G5	
T0-9	50E6	4C0	
TAN	50G6	4E0	
TANO-4	50A9,B9	4E0	
TB	50C9	4A7	
TB0-5	5009,E9	4B0	
TB6	52A4	4B0,57C0	
TB7	33H1	4B0,57C0	
TB8,9	3666,H6	57C0	
TBH	50G9	4G5	
TBI	51A1	4E0	
TBK	51B1	4B0	
TBT	51D1	4A7	
TC	51E1	4C2	
TCI	51F1	4G5	
TCA	51G1	4A2	
TCB	51B4	4A2	
TCH	51B4	4B0	
TCH0-9	51C4	4G7	
TCHK	51C4	4G5	
TCK1	51D4	4G5	
TDCT	51E4	4A7	
TER	51F4	4C0	
TF0,1,2,4,7	5186	4D0	
TFA	SEE FATC CKT	4A7	
TG0-19	51D6,E6	4B0	
TGT	51F6	4B0	
THC	51G6	4E0	
THGT0-9	51A9	4G7	
THT0,1	41E4	4A2	
THT2,3	51B9	4G7, 30B/B7	
TIN	51E9	43D	
TK	51F9	4B0	
TLH	52A1	4G5	
TLT	33D4	4B0	
TM	52C1	4G5	
TMK	52C4	4G5	
TMK1	52C4	4G5	
TN	52D4	4C0	
TNK	52D4	4G5	
TOB	~~44~~E9	4G5	
TOB1,2	52G4	4H5	
TOBS	44D9	4G5	
TOG	52H4	4C0	
TOL	52B6	4E0	
TOSO-4	52D6	4D7	
TP	52D6	4C2	
TP'	52F6	4G5	
TR1	52C9	4A7	
TR2	30E9	4G5	
TRB	13C4	3G3,111GO	
TRK	30E6	4G5	
TRL	53E4	4G5	
TRL1	53F4	4A7	
TRL2	53G4	4G5	
TRN	53H4	4C0	
TRR	53A6	4A7	
TRS	53B6	4G5	
TRST	1D/D6	3F3,111GO	
TRT	53A9	4D7	
TSO-3	45F1	4B0	
TS4,5	4584	4B0	
TS6-9	53F9	4B0	
TS10-19	54A1	4B0	
TSC5	52B6	4A2	
TSE	54B1	4G5	
TSE1	54C1	4A7	
TSE2	54D1	4A7	
TSK	SEE TLC & TL&C CKT	4D7	
TSR	54G1	4C0	
TST	54G1	4A2	
TT	54C4	4C2	
TTO,1,2,4,7	50D6	4C2	
TTC	54F4	4A7	
TTG	10C0	3C3,111GO	
TTK	54G4	4B0	
TTT	54A6	4A7	
TVFTO-4	54E6	4G7	
TVGTO-12	54F6,G6	4G7	
TVT	54A9	4H5	
TWT	54E9	4C0	
U0-9	55A1	4C0	
UK	55C1	4C0	
UKA	55D1	30B/B7	
UTO,1,2,4,7	54F9	4C2	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 100B

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DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
VFO-4	55E1	4D0
VF'O-4	55G1	4B0
VFTO-4	55A4	4G5
VGO,1	55C4	4D0
VG2,4,7	55E4	4D0
VG10	55A6	4D0
VG'O,1,2,4,7	55C6	4B0
VG'10	55D6	4B0
VGA	55E6	4G7
VGTO-11	55F6	4G5
VGT12,13	32D9	4G5
VTK1	55G6	4B0
WT	55A9	4G5
X11	55C9	4C2
XAB	55D9	4B0
XAN	55D9	4D0
XAP	55D9	4B0
XBT	55E9	4B0
XCH	55F9	4B0
XCKR	56B4	4B0
XCL	56B1	4B0
XCLC	56C1	4B0
XCP	56C1	4B0
XCR	56D1	4B0
XCS	56D1	4B0
XCW	57C6	4B0
XDL	56E1	4B0
XF	56G1	4B0
XFG	56G1	4B0
XFT	56G1	4G5
XFTT	56A4	4B0
XFUT	56B4	4B0
XHG	56B4	4B0
XJC	56D4	4B0
XJG	56D4	4B0
XJS	56E4	4B0
XLC	56F4	4B0
XLG	56G4	4B0
XLH	56G4	4B0
XLO	56A6	4B0
XLR	56B6	4B0
XLS	56B6	4B0
XLV	56C6	4B0
XMB	56D6	4B0
XMRL	56D6	4B0
XN	56E1	4B0
XOB	56E6	4B0
XPG	56G6	4B0
XPT	56A9	4B0
XPTN	56B9	4B0
XRCT	56C9	4B0
XRL	56C9	4B0
XRS	56D9	4B0
XRS1	56E9	4B0
XS	56F9	4B0
XSA	56F9	4B0
XSC	56G9	4C0
XSL	57A1	4B0
XSS	57B1	4B0
XT	57B1	4B0
XTS	57D1	4B0
XTB	57D1	4B0
XTB1	57D1	4B0

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
XTC	57E1	4B0
XTC1	57F1	4B0
XTG	57G1	4B0
XTG1	57G1	4B0
XTRK	57C4	4B0
XTRL	57D4	4B0
XTS	57D4	4B0
XTS1	57E4	4B0
XTV	57F4	4B0
XVGA	57B6	4B0
XVGB	57C6	4B0
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
ITR	30D5	SEE MTC CKT
4DG	31B0	
BN	32D2	
CIB	5C7	
CK	33B2	13OC0
CKG	33F2	SEE MTC CKT
CKG1	33G2	
CSO-29	34A7	
CSG1	34C7	
DCK		13OC0
FLG	37C0	13OC0
FNA	37E0	SEE MTC CKT
FNB	37F0	
FTO-3	37A7	
FTK1	38A0	
FTTO-3	38B0	
FUO	38J0	
FU1-3	38F0	
FUTO-9	38B2-D2	
HGO,1,2,4,7	39D0	SEE MTC CKT
HGTO-9	39A2	
HNO-3	39D2	
HN4-8	39F2	
HN9	39A9	
HTUK	39A7	13OC0
LFK	41B0	13OC0
LHM	41C0	
LHMT	41D0	SEE MTC CKT
LIN	41E0	
LLI	41G2	SEE MTC CKT
LTP	1A/C5	
LVP	1E/D3	
M84,7	42A2	SEE MTC CKT
MC	42B2	SEE MTC CKT
MCO,1	43F0	13OC0
MKS	7F7	

DESIG	LOCATION FS	LOCATION CAD
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
MKTO,1	7E7	SEE MTC CKT
MLV	42G6	
MOA	42D7	
MTIK	43G0	
NGK	44C0	
NH	44E0	
NOB	44A2	
NSP	42C0	
OF	45D0	
OFFO-3	45F0	
OFF4,5	4582	
OFF6-9	5367	
OFTO-2	45D2	
POTS		13OC0
PTK	46B7	SEE MTC CKT
RI	47G5	SEE MTC CKT
RN4,7	48E0	SEE MTC CKT
RNG	48G0	13OC0
RNTO	48B5	13OC0
RPT	48F5	SEE MTC CKT
SO-4	49B0	SEE MTC CKT
S5-9	49G0	
SON		13OC0
SPL	50E0	SEE MTC CKT
STR	368	
TO-9	50F5	SEE MTC CKT
TBI	51A0	SEE MTC CKT
TBSO-3		13OC0
TBTO-9	32D2	13OC0
TBUO-9	50E5	13OC0
THO-6	43D7-G7	SEE MTC CKT
TH7-9	4480	
TIK	51D7	
TLV	5281	
TM	6D0	
TNK	52D2	13OC0
TPT	52G5	SEE MTC CKT
TR	52B7	
TRA	52E7	
TRK	30E5	
TRL	53E2	
TRR	53A5	
TS	6C8	
TSO,1	11A2	13OC0
TSL	54F0	SEE MTC CKT
TSV	8F6	
TVTO,1	8E6	
UO-9	55A0	13OC0
UNO-9	55A0	SEE MTC CKT
VFO-4	55E0	
VFTO-4	55A2	
VGO,1,2,4,7	55C2-E2	
VG10	55A5	
VGTO-11	55F5	

DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
2P	30C9	27G0
AC8	31G6	27G0
BT	32B6	27C0
CGA,B	32C9	27C0
CHO-9	32E9	27G0
CHA	32F9	27G0
CHE	33A1	27G0
CI	1D/DO,D3	28B3,111G5
CK	33B4	27G0
CKG	33E4	27G0
CKG2	33G4	27C0
CN	33E9	27G0
CON	34C6	27C0
CSO-29	34A9	27C0
CSG1,2	34C9	27C0
CTO-2	34D9	27G0
CUO,1,2,4,7	34F9	27C0
CWF	35G1	27G0
CWK	54E9	27G0
D	34G9	27C0
DCT	35A4	27C0
DCT1	35B4	27G0
DIS	35D4	27C0
DIS1	35E4	27C0
DTK	35E9	27C0
EF	36A4	27G0
EXB	25D2	27C0
EXG	25D2	27C0
EXT	36G4	27C0
FAK	36B9	27G0
FCG	36D9	27G0
FCK	36E9	27C0
FGO	36F9	27G0
FGI	37A1	27G0
FM	37C1	27G0
FML	37D1	27G0
FSO-29	37C6-E6	27G0
FTO-3	3789	27G0
FT'O-3	37D9	27G0
FTC	37E9	27C0
FTCK	37F9	27C0
FTKI	38A1	27G0
FTTO-3	3881	27C0
FUO,1,2,4,7	38D1-F1	27G0
FU'O,1,2,4,7	3844	27G0
FUTO-9	38C4,D4	27C0
G	38E4	27C0
GLH	38D6	27G0
GT2	3889	27G0
GTL	38C9	27G0
HGO,1,2,4,7	3901	27G0
HG'O,1,2,4,7	39F1	27G0
HGK	39G1	27C0
HGTO-9	39A4	27C0
HMS1	39C4	27G0

DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
HTK1	39F6	27G0
HTR	39G6	27C0,G0
JCO-9	40E1	27G0
JCK	40F1	27G0
JGO-4	40A4	27G0
JSQO-5	40B4	27C0
JXP1	33A1	27G0
JXPA	40C4	27G0
KJSQ	40B6	27C0
LCK	40F9	27C0
LDT	41A1	27C0
LFK	41B1	27G0
LHM	41C1	27C0
LHMT	41D1	27C0
LK	41F1	27G0
LKI-3	41A4-C4	27C0
LLO,1,2,4,7	41D4-F4	27G0
LLJ	41G4	27C0
LOLL	3586	27G0
LTR	41H6	27G0
LXPA	41H6	27G0
LXPI	41D9	27G0
M	41E9	27C0
MAKI	42C1	27C0
MAN	42D1	27G0
MB	11G2	28B3,111G5
MF	42C4	27C0
MIT	6C5	28B3,111G5
MKA	1D/B0,B2	28B3,111G5
MKB	1D/B1,B2	28B3,111G5
MLF	42E0	27C0
MLFA	42F6	27C0,10AC4
MOI	42B9	27C0
MRL	43B1	27C0
MT	11B2	28B3,111G5
MT2K	43A4	27C0
MT3K	43B4	27C0
MT5	43C4	27C0
MT7	43C4	27C0
MT8K	43D4	27C0
MT9K	43E4	27C0
NTH	4446	27C0
OBS1	4409	27C0
OBS2	44E9	27C0
OCI	45B1	27C0
PO-9	45F9	27G0
PA	46A1	27G0
PB	46C1	27G0
PC	46E1	27G0
PNR	46A6	27G0
PR	46B6	27G0
RA	47A1	27C0
RC	47E1	27C0
RCC	11D5	28B3,111G5
RCY	47G4	4A0, 27C0,G0, 33B/G3

DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
RF	47B6	27G0
RK	47A9	27G0
RKI-3	47D9	27G0
ROA	48C4	27G0
RON	12F8	28E3,111G5
RTO-3	48D9,E9	27C0,10AC4
SDT	49D6	27C0
SF	49E6	27G0
SL	49B9	27C0
SNK	49E9	27G0
SQA	50F1	27G0
STP1,2	50E4	27C0
TB	50C9	27C0
TBO	50D9	27G0
TBK	51B1	27G0
TBT	51D1	27C0
TCI	51F1	27C0
TCHO-9	51C4	27C0
TCHK	51C4	27C0
TDCT	51E4	27C0
TFO,1,2,4,7	51B6	27G0
TGO-5	51D6	27G0
THGTO-9	51A9	27C0
TK	51F9	27G0
TLH	52A1	27C0
TM	52C1	27C0
TR1	52C9	27C0
TR2	30E9	27C0
TRB	13D4	28B3,111G5
TRK	30E6	27C0
TRL	53E4	27C0
TRR	52A6	27C0
TRS	53B6	27C0
TRST	1D/DO,D2	28B3,111G5
TRT	53A9	27C0
TSO-3	45F1	27G0
TS4,5	45B4	27G0
TS6-9	53F9	27G0
TSE	54B1	27C0
TSE1	54C1	27C0
TSE2	54D1	27C0
TSK	SEE TLC & TL&C CKT	27C0
TTT	54A6	27C0
TVFTO-4	54E6	27C0
TVGTO-11	54F6	27C0
VFO-4	55E1	27G0
VF'O-4	55G1	27G0
VFTO-4	55A4	27C0
VGO,1,2,4,7	55C4-E4	27G0
VG'O,1,2,4,7	55C6	27G0
VG'10	55D6	27G0
VGA	55E6	27C0
VGTO-11	55F6	27C0
VTK1	55G6	27G0
WT	55A9	27C0

DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
XBT	55E9	27G0
XCH	55F9	27G0
XCL	56B1	27G0
XCS	56D1	27G0
XCW	57C6	27G0
XF	56F1	27G0
XFG	56G1	27G0
XFT	56G1	27C0
XHG	56B4	27G0
XJC	56D4	27G0
XJG	56D4	27G0
XJS	56E4	27G0
XLC	56F4	27G0
XLG	56G4	27G0
XLH	56G4	27G0
XLO	56A6	27G0
XLR	56B6	27G0
XLS	56B6	27G0
XLV	56C6	27G0
XPG	56G6	27G0
XPTN	56B9	27G0
XSL	57A1	27G0
XTC	57E1	27G0
XTC1	57F1	27G0
XTG1	57G1	27G0
XTRK	57C4	27G0
XTRL	57D4	27G0
XTS	57D4	27G0
XTS1	57E4	27G0
XVGA	57B6	27G0
XVGB	57C6	27G0
DIRECT ACCESS PRETRANSLATOR CONN (DAPC)		
DACO-2	43D9,E9	9G3
DACA	44E6	9GC
DACB	44G6	9G0
NG	11F8	3D3,111G0
NG1	11F8	3D3,111G0

DESIG	LOCATION FS	LOCATION CAD
DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)		
ITR	30D6	22H4,30D/E7, 55A7
2TR	30D9	22H4,30D/E7, 55A7
AO,1,2,4,7	31B6	
BO,1,2,4,7	32F1	
CO,1,2,4,7	32F6	
DO,1,2,4,7	35C1	22E4,H4, 30D/E7,G7, 55A1
EO,1,2,4,7	36D1	
FO,1,2,4,7	36C6	
FGO	36F7	131B0
FGI	37A0	131B0
FTO-3	37B9	22H4,30D/B7, 55H3
FUO,1,2,4,7	38D1-G1	22H4,30D/B7, 55A7
GO,1,2,4,7	38F4	22E4,H4, 30D/E7,G7, 55A1
H7	38F9	22E4,H4, 30D/E7,55A1
HGO,1,2,4,7	39E1	55A7
RP	48F6	
RPT		131B0
SWO,1,2,4,7	39E1	22A4,30D/B7, 55A7
TFO,1,2,4,7	51B5	131B0
TP	52G6	
TPT		22H4,30D/E7, 55A7
TRIT		55A7
TRP		131B0
TRS	53B6	22C3,30D/D5, 55A7
VFO-4	55E1	22B4,30D/B7, 55A7
VGO,1,2,4,7	55C4-E4	22A4,30D/B7, 55H3
VG10	55A6	22H4,30D/B7, 55H3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 101A

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ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD	
ITR	30D5		
40G	31B0		
BN	32D2		
CIB	5C7	SEE APTT CKT	
CK	33B2	130D0	
CKG	33F2		
CKGI	33G2		
CXO	33A5		
CSO-29	34A7		
CSGI	34C7		
EN	33C2	130G0	
FLG	37B0	130D0	
FNA	37E0		
FNB	37F0		
FTO-3	37B7		
FTTO-3	38B0		
FUO,1,2,4,7	38D0-F0		
FUTO-9	38B2-D2		
HGO,1,2,4,7	39D0		
HGTO-9	39A2		
HNO-7	39D2-F2		
HN9	39A5		
HTUK	39A7	130D0	
LFK	41B0	130D0	
LHM	41C0		
LIN	41E0	130G0	
LLI	41G2		
LTP	1A/C5		
LVP	1E/D3		
MB4	42A2		
MB7	42A2		
MC	42B2		
MCO,1	43F0	130D0	
MKS	7F7		
MKTO,1	7E7		
MLV	42G6		
MOA	42D7		
NGK	44C0		
NH	44E0		
NOB	44A2		
NSP	42C0		
OF	45D0		
OFFO-3	45E0		
OFF4,5	45E0		
OFF6-9	53G7		
OFTO-2	45D2		
OSGO-9	45F5,G5		
PN	46A5	130G0	
PTK	46B7	130G0	
PTN	46C7	130G0	
RCTI	47D2		

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD	
RI	47G5		
RN4	48E0		
RN7	48E0		
RNG	48G0	130D0	
RNTO	48B5	130D0	
RNTI	48B5		
RPT	48F5		
RSO,1	48G5		
SO-4	49B0		
S5-9	49G0		
SPL	50E0		
TO-9	50F5		
TBO-9	39D2		
TBI	51A0		
TBUO-9	50E5	130D0	
THO-6	43E7-G7		
TH7-9	44B0		
TIK	51D7		
TLV	52B1		
TM	52D0	SEE APTT CKT	
TN	52D2	130G0	
TNK	52D2	130Du	
TOG	52H2		
TPT	52G5		
TR	52B7		
TRA	52E7		
TRK	30E5		
TRL	53E2		
TS	6C8		
TSO,1	11A2	130D0	
TSL	54F0		
TVS	8F6		
TVTO,1	8E6		
UNO-9	55A0	130D0	
VFO-4	55E0		
VFTO-4	55A2		
VGO,1,2,4,7	55C2-E2		
VGIO	55A5		
VGTO-11	55F5		

FOREIGN AREA TRANSLATOR CONNECTOR (FATC)

DESIG	LOCATION FS	LOCATION CAD	
FAA	36F6	SEE CM CKT	
FAB	36F6	SEE CM CKT	
TFA	51A6	SEE CM CKT	

INCOMING REGISTER (IR)

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1	13B0	
FRO,1	37A4		
RGO,1	32E1	9A6	
RG2-9	34E1	10A/F0	
RGIO-19	34B4-E4	13H3	

INCOMING REGISTER MARKER CONNECTOR (IRMC)

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1	13B0	
CNG	27B3	3E3,F3, 111D0	
FRO,1	37A4	13B0	
FR2		13B0	
FRG	27B8	3E3,F3, 111D0	
RGO-9	34E1		
RGIO-19	34B4-E4		
RGG	28C3	3F3,111D0	
RPO-4	48A6,B6	13B0	
RPAB	48C6	13B0	
RPB	48D6	13B0	
RPSA	48E6	13B0	

INCOMING REGISTER MARKER CONNECTOR-MARKER PART (IRMC-MP)

DESIG	LOCATION FS	LOCATION CAD	
RGG	28C3	3F3,111D0	

INCOMING REGISTER MARKER CONNECTOR-REGISTER PART (IRMC-RP)

DESIG	LOCATION FS	LOCATION CAD	
RGO-9	34E1		
RGIO-19	34B4-E4		

INCOMING REGISTER TEST (IRT)

DESIG	LOCATION FS	LOCATION CAD	
M	41E7	SEE MTC CKT	
SRT	50A2		

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

DESIG	LOCATION FS	LOCATION CAD
AL	31B7	30H/D0
BT	32A5	30H/D0
BY	32D5	30H/D0
CO,1	17F0	30H/D3
CKG	33E2	30H/D0
EF	25F8,36A2	30H/D0
GPA	38E5	30H/D0
GPB	38G5	30H/D0
JCG	25G5	30H/D3
MKA(-)	1D/A6	30H/D3
MKB(-)	1D/B6	30H/D3
MTR1,2	2D9	30H/D3
ON1,2	2A3	30H/D3
OP	1A/G0	30H/D0
OV	45D7	30H/D0
PRA-	1C/C1-C7	30H/D3
PRB-	1C/C1-C7	30H/D3
PRCY	46C5	30H/D0
RA	47A0	30H/D0
RCG	21B0	30H/D3
RCY	47G2	30H/D0
RF	25G8,47B5	30H/D0
RLK	48B0	30H/D3
RR	46C5	
STP1,2	50F2	30H/D0
TRL	53E2	30H/D0
TVAO-9	1A/A1,A3	30H/D3
TVBO-9	1A/A1,A3	30H/D3

JACK, LAMP AND KEY CKT (JLK)

DESIG	LOCATION FS	LOCATION CAD
G	23D1	25A/B0
LK	9F5	25A/G5, 25B/E0
MJ	12G6	1B/B4
MN	12H6	1B/B4
RTO-4	48F9	13F7
RTG	28G8	1B/B4
TRB	14G5	30G/E4
TRB1	14C4,D7-G7, F5,G5	1B/F0,16B7, 30A/A7, 30G/C4,E4, 107A5
TRB1(-)	1366,M1, 14D2,H2	3D3,17D7, F0,28D3, 111B0,E5, 154E2

JACK, LAMP AND KEY CKT FOR ACD (JLK-ACD)

DESIG	LOCATION FS	LOCATION CAD
ROS	14G7	68D5

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D5	130D2
40G	31A0	130D2
AO,1,2,4,7	31C5	130D2
BO,1,2,4,7	32F0	130D2
CO,1,2,4,7	32F5	130D2
CIB	5G7	1B/F0,130D2
CKG	33F2	130D2
DO,1,2,4,7	35C0	130D2
DNK	35B5	130D2
DR	35E6	30A/B5
EO,1,2,4,7	36D0	130D2
FO,1,2,4,7	36C5	130D2
FSO-2	37D5	SEE MTC CKT
FTO-3	37B7	130D2
FTTO-3	38B0	SEE MTC CKT
FUO,1,2,4,7	38D0,F0	130D2
FUTO-9	38B2-D2	SEE MTC CKT
G	15E3	
GO,1,2,4,7	38F2	
GI	15D3	
H7	38F7	130D2
HGO,1,2,4,7	39D0	130D5
HGTO-9	39A2	SEE MTC CKT
HNO-8	39D3-F3	130D5, SEE MTC CKT
HN9	39A5	130D5, SEE MTC CKT
IT	1B/E9	130D5
LA	1B/E9	1B/G7
LAL	1B/E9	
LIT	41F1	30A/B5
MB4,7	42A2	130D5
MC	42B2	130D5
MKT(-)	7E1	3C3,28D3
NOB	44A2	130D5
NSP	42C0	130D5
OF	45D0	130D5
OFFO-3	45F0	130D5
OFF4,5	45A2	130D5
OFF6-9	53G7	130D5
OFTO-2	45D2	130D5
ON	2B1	1B/A4
RN4,7	48E0	130D5
RON	2H6	1B/G7
RPT	48F5	130D5
SI-4	49E1	30A/B5
S5-9	49F1	30A/B5
SP	15E3	
SPC	15F3	

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
SPL	50E0	130D2
STR	3C0	1B/A4
STRI	3C6	1B/D4,G7
STR2	3C5	1B/G7
STRA	3D5	1B/G7
TO-9	50E5	130D5
THO-6	4307-G7	130D5
TH7-9	44B0	130D5
TIK	51D7	130D5
TRC	12C8	1B/A4
TRST	1B/E8	
TS	6A6	130D5
TSO-3	45F0	9C0
TSG	5D1	
TSL	54F0	130D5
TVS	8E7	130D5
TVTO,1	8E7	130D5
UO-9	55A0	130D5
VFO-4	55E0	130B7
VFTO-4	55A2	SEE MTC CKT
VGO,1,2,4,7	55C2-E2	130B7
VGIO	55A5	130B7
VGTO-11	55F5	SEE MTC CKT

LINE, LINE LINK AND CONNECTOR CKT (L,LL&C)

DESIG	LOCATION FS	LOCATION CAD
CM-	27H8	3F3,111D0
DTM-	27G8	28A3,111H5
TRC-	27G8	3F3,28A3, 111D0,H5

LINE LINK CONNECTOR CKT (LLC)

DESIG	LOCATION FS	LOCATION CAD
CM-	27H8	3F3,111D0
DTM-	27G8	28A3,111H5
TRC-	27G8	28A3 111D0,H5

LINE LINK MARKER CONNECTOR (MAXIMUM CAPICITY 4 CONNECTORS PER FR) (LLMCN)

DESIG	LOCATION FS	LOCATION CAD	
CNO-2	34A1	13B0	
CN3	34C1	13B0	
CNG	27C3	3F3,28A3, 111D0,H5	
FRO,1	37A4	13B0	
FR2	37D4	13B0	
FR3-9	37F4	13A0	
FRG	27B8	3F3,28A3, 111D0,H5	

LINE LINK MARKER CONNECTOR (MORE THAN 4 CONNECTORS PER FR) (LLMC)

DESIG	LOCATION FS	LOCATION CAD	
CNO-7	34E1	14B0,C0	
CN8,9	34E1	14G4,H3	
CN10-15	34A4	14G0	
CN16-19	34D4	13B3	
CNG	27C3	3F3,28A3, 111D0,H5	
FRO,1	37A4	13B0	
FR2	37D4	13B0	
FR3,4	37F4	13A0	
FRG	27B8	3F3,28A3, 111D0,H5	
RGO-3	34E1		

LINE VERIFICATION CKT (LV)

DESIG	LOCATION FS	LOCATION CAD	
ITR	30D5	SEE MTC CKT	
40G	31B0		
4NE	31C0		
6NT	31G0		
9NP	31E2		
AO,1,2,4,7	31B5		
BO,1,2,4,7	32F0		
BN	32D2		
BST	32F2		
BT	32B5		
CO,1,2,4,7	32F5		

LINE VERIFICATION CKT (LV)

DESIG	LOCATION FS	LOCATION CAD	
CIB	5C7	SEE MTC CKT	
CKG	33F2		
CKGI	33G2		
CSO-29	34A7		
CSGI	34C7		
DO,1,2,4,7	35C0		
DIS	35D2		
EXT	36G2		
F	36B5		
FBK	36C7		
FGO	36F7		
FNA,B	37E0,F0		
FTO-3	37B7		
FTTO-3	38B0		
FUO,1,2,4,7	38D0-F0		
FUTO-9	38B2-D2		
HO,1,2,4,7	92B2-D2,G0		
HGO,1,2,4,7	39D0		
HGTO-9	39A2		
HNO-8	39D2-F2		
HN9	39A5		
HTR	39G5		
INC	39C7		
LCK	40F7		
LHM	41C0		
LHMT	41D0		
LLI	41G2		
LOLL	35C5		
LTP	1A/C5	53A1	
LVM	41C9	SEE MTC CKT	
LVP	1E/D3	2A/C0	
MB4,7	42A2	SEE MTC CKT	
MC	42B2	SEE MTC CKT	
MKS	7F7	2A/A0	
MKTO,1	7E7		
MLV	42G6		
MOI	42B7		
MOA	42D7		
MRL	43B0		
MTIK	43G0		
NGK	44C0		
NH	44E0		
NOB	44A2		
NSP	42C0		
OA,B	44C5,E5		

SEE MTC CKT

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE I

LINE VERIFICATION CKT (LV)

DESIG	LOCATION FS	LOCATION CAD
OF	45D0	
OFFO-3	45E0	
OFF4,5	45B2	
OFF6-9	53G7	
OFTO-2	45D2	
PTK	46B7	
RC	47E0	
RCT	47C2	SEE
RCTI-15	47D2-F2	MTC CKT
RI	47G5	
RNA,7	48E0	
RNTO	48B5	
RPT	48F5	
RSO,1	48G5	
RS9	48H5	
RSK	48B7	
SO	4980,G0	
SPL	50E0	
STR	50B	1B/F7
TO-9	50F5	
TBI	51B0	
TCA	51F0	
TFO,1,2,4,7	51B5	
THO-9	43D	
TIK	51D7	
TLH	52A0	
TLV	52B1	SEE MTC CKT
TM	6D0	
TP-	52F5	
TPT	52G5	
TR	52B7	
TRA	52E7	
TRK	30E5	
TRL	53E2	
TRR	53A5	
TS	6D8	2A/A0
TSG		1B/F7
TSL	54F0	SEE MTC CKT
TTC	54F2	SEE MTC CKT
TVS	8F6	53A1
TVTO,1	8E6	
UO-9	55A0	
VFO-4	55E0	SEE
VFTO-4	55A2	MTC CKT
VGO,1,2,4,7	55C2-E2	
VG10	55A5	
VGTO-11	55F5	

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
ONN	30B5	6D/D3
1SE	30C5	6D/E0
1BT	30C5	6D/E0
1TR	30D5	23G0,30E/B7, 56A7
2DT	30G5	5F/G7
2MB	30B7	6D/E0
2SA	30B7	6D/E0
2TR	30D7	23G0,30E/B7, 56A7
4DG	31B0	6D/D3,23G0
4NE	31C0	6D/E0
4TT	31C0	6D/E0
5DG	31D0	6D/D3,23G0
5MT	31F0	6D/E0
5ST	31F0	6D/E0
6FT	30G0	6D/E0
6NT	30G0	6D/E0
7RN	31B2	6D/E0
7TP	31B2	6D/E0
8MP	31D2	6D/E0
8SP	31D2	6D/E0
9FP	31E2	6D/E0
9NP	31E2	6D/E0
A0,1,2,4,7	31B5	5G/A0
AIS	43A0	5F/H3
AL	31B7	6C/D6
ALT	31C7	6E/C0
AMA	31C7	5F/H0
AN		5E/E4
AVO,1,2,4,7		5H/H6
AVK1		5H/A3
ATTP	1F/G6	155F0
B0,1,2,4,7	32F0	5G/A0
BLC	32C2	6E/C0
BN	32D2	5F/H0
BRO,1		5H/H6
BR2,4		6A/B0
BST	32F2	6B/D3
BT	32A5	5H/A3
BY		6C/D0
C	32E5	23C6
CO,1,2,4,7	32E5	5G/A0
CGA,B	32C7	6C/D3
CGT		6B/D3
CII-4		30E/E3
CI(1-4)T	33F0	22H6
CIB	5B7	1B/D0

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
CIFAT	33A2	22H6
CK	33B2	22H6
CKO		22H6,5D/D0
CK1		22H6,30E/G0
CK2,4,7		22H6
CKG	33E2	23G0,30E/B7
CKG1	33G2	6E/C0
CKG2	33G2	6E/C0,27H7
CL1,2		5F/H0
CL3	33C5	5F/H0
CL4-6		5F/H0
CL7		5H/A3
CLG		5H/H6
CM3	33G5	26A/A0, 26B/B3
CMA	33A7	7D3,26A/A0, 26B/B3
CMB	33C7	7D3,23C6, 26A/A0, 26B/B3, 30F/D6
CMC	33D7	7D3,26A/A0, 26B/B3
CNR	34A5	6D/E0
CNS		5H/A3
CON	34C5	6B/D3
CPO,1,2,4,7	34D5	6D/D3
CR	34E5	5H/A3
CRO,1,2,4,7		5F/H3
CRRO-2		6D/D3
CSO-29	34A7	6B/C6
CSG1,2	34C7,D7	6E/C5
CSW	43F5	6C/D3
CTAO-2	34E7	6E/C7
CTMB	34E7	56A3
D	34G7	6C/D0
DO,1,2,4,7	35C0	5G/A0,A3
DAC		5H/H6
DCK	35G0	5E/E4
DCT	35A2	6C/D6
DCT3		6C/D3
DIS	35D2	6E/D3
DIS1	35E2	6C/D6
DIST	35G2	22H6,56A0, 30E/E3
DL1-6		5F/H0,H3
DNK		30E/E3
DS	35C7	23C6
DTK	35E7	6B/D3,22H6
DTK1	35F7	22H6
DTKA	35G7	23C6
DTN	36B0	23C6
E0,1,2,4,7	36D0	5G/A3
ECN	36G0	6D/E0
EXB		6C/D0
EXG		6C/D0
EXT	36G2	6E/D3
F	36B5	6E/C0
FO,1,2,4,7	36C5	5G/A3

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
FAA		6C/D3
FAB		6C/D3
FAC	30F5	5F/G7
FAD	52G2	6D/E0
FAK		5E/E4
FBK	36C7	5E/E4
FCK	36E7	6B/D3
FGO	36F7	5E/E4
FG1	37B0	5E/E4
FLCK		6D/E0
FLG		6B/D3
FNA	37E0	6C/D0
FNB	37F0	6C/D0
FSO-4		5E/E4
FSS-19		5E/B7
FTO-3	37C7	5E/D0
FTC	37E7	6E/D3
FTCK	37F7	6C/D6
FTTO-3	3B80	6B/D3
FUO	38D0	5E/D0
FUI,2,4,7	38F0	6B/D3
FUTO-9	38B2-D2	6B/D3
FVD	38D2	5H/H6
G	38E2	6E/E6
GO,1,2,4,7	38F2	5G/A3
GC	33E2	56A7
GIT	38C5	26A/A0, 26B/B3
GPA	38E5	6D/E0
GPB	38F5	6D/E0
GR	38G5	26A/A0, 26B/B3
GS1-5		6D/D3
HF	39C0	6C/D3
HFA	52G2	6D/E0
HGO,1,2,4,7	39D0	5E/D0
HGK	39G0	6B/D3
HGTO-9	39A2	6B/D0
HMS1	39C2	5E/E4
HNO	39A5,D2-F2	22H6,56A0, 30E/G0
HTO,1,2,4,7	39D5	5H/H6
HTR	39G5	6C/D0
ICK	39C7	23C6
INC	39C7	5F/G7
IR	39E7	23C6
IRL	52C7	26B/B3 30E/E3
IRY		
JO,1,2,4,7	40A0	5G/A6
JSQO-5	40B2	6E/C7
KO,1,2,4,7	40D2-F2	5G/A6
KJSQ	40C5	6E/C7
LO,1,2	40C5	5G/A6
L4	40C5	5H/A0
L7	40E5	5H/A0
L5D	40A7	6D/D3,23G0, 30E/B7

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
LCK	40F7	6B/D3
LDT		6C/D3
LHM	41C0	6E/C7
LHMT	41D0	6E/C7
LI		6C/D0
LK1	41A2	6C/D3
LK2	41B2	6E/C0
LK3	41C2	6E/C0
LLO,1,2,4,7	41D2	5B/H2
LLI	41G2	6E/D3
LLJ	41H2	6E/C7
LLP2	41H2	
LOLD		6E/E5
LOLL	3585	6E/C5
LR	41A5	5E/E4
LST	41B5	6D/D3,23G0, 30E/B7
LT	41C5	5H/H6
LTI	30E7	5H/A3
LT2	41F5	5H/A3
LVF	41B9	7D3
LVM	41C9	7E3,6E/C5
M	41E7	6C/D6
MO-2,4	39H2	133E3
M7	41F7	5H/A0
MII		7D3
MAK1	42C0	6C/D0
MBO,1,2,4,7	42F0	6D/E0
MC	42B2	22H6,30E/F3, 56A3
MF	42C2	6C/D0
MKS	7F0	2A/F0
MKTO-3	7E1	3E3,28C3, 111E5
MKT4,5	7E1	3E3,28C3, 111E5
MKT6,7	7E1	3E3
MKT8-11	7E1	3E3,111E0
MLF	42E5	6C/D0
MLFA	42F5	27H7,104B4
MLV	4266	7E3
MO1	42B7	6E/D3
MOA	42D7	22H6,30E/E3, 56A7
MON		5H/A3
MPP	42F7	5F/G7,G9
MPT		6C/D7
MRL	4380	6C/D5
MT1K	4360	6E/C0
MT2K	43A2	6E/C0
MT3K	43B2	6E/C7
MT5	43C2	6E/C7
MT7	43D2	6E/C7
MT7K	43H0	
MT8K	43D2	6E/C7
MT9K	43E2	6E/C7
MT10K	43F2	6E/C0
MT12	43G2	6E/D3
MT57	43H2	30B/A5
MTL	7C8	2A/F0
MTP	1F/G6	2A/F0
MTPT	4306	7D3
N7	41G7	133E3
NAMA	43F5	6D/E0
NC	43F5	6C/D3
NDK		5F/H0
ND'	43A7	6B/D3
NGK	44C0	5H/A0

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
NH	44F0	6C/D3
NN	44G0	6C/D3
NOB	44A2	6D/D3
NOB'		6D/D3
NOBT	44D2	6E/D3
NSP	42C0	23C3
NT	44G2	6C/D3
NTCW	44H2	30B/E5
NTH	44B5	6E/C0
NTT	44B5	6C/D6
NTVB	44C5	30B/E5
OA	44C5	5H/A3
OB	44E5	5H/A3
OBS	44A7	6D/D3
OBS'		6D/D3
OBS1	44D7	6C/D3
OBS2		6C/D3
OBST	44F7	6E/D3
OCI	45B0	6E/C0,27H7
OCN	45B0	6D/E0
OF	45D0	22H6,30E/E3
OFFO-5	45A2,F0	22H6,30E/G0, 56A0
OFF6-9	53G7	23G0,56A0
OFH		6C/D0
OFT	45E0	22H6,30E/G0, 56A7
OFTO-2	45D2	23G0,56A3
OPI	45G2	22H6
OR	45B5	6D/E0
OSO-4	45C5,D5	5F/H0
OSC	45E5	6E/D3
OSE		6D/D3
OSGO-4	45F5	5F/H3
OSG5-9	45G5	5H/A3
OSK	45A7	6D/D3
OTT	45C7	6B/D3
OV		6C/D0
P	45E7	23C6,56A3
PI	45F7	23C6
PS		30E/E3
PA	4680	23C6
PBX	46D0	6E/E5
PBX1	46E0	6D/E0
PCD	46F0	5F/G7
PCD1	4660	5F/G7
PCK	46A2	26A/A0, 26B/B3
PCR	4682	5F/G7
PD	46D2	5H/A0
PHC	46F2	5F/G7
PK	4662	5H/A0
PLL	46H2	5F/G7
PR	1F/G7	155C0
PRCY		6DD3
PRL	46D5	26A/A0, 26B/B3
PS	46E5	5H/A0
PSI	5265	6E/D3
PSG	38C7	5A/G3
PT	4665	23C6,56A3
PTI	46A7	23C6
PTK		6C/D0
PTP	1C/B8	24B7,25B/D0
PTR	46D7	26A/A0, 26B/B3

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
PTS	9C6	24B7,25B/D4
PTT(-)	9C7,46F7	25A/A5, 25B/G4
R(1-3)A		30F/F0
R(1-3)B		30E/E3
R(1-3)C		30F/F0
R(1,2)D		30E/E3
RA	47A0	6C/D0
RBT	47C0	6E/D3
RBTI	47D0	6C/D6
RC	47E0	6E/C0
RCK2		6C/D0
RCT	47C2	6E/D3
RCTI-15	47D2-F2	6C/D6
RCY	47G2	5B/F7,16A2, 27H7,30B/E5
RD	47A5	23C6
RD3		30E/G0
RDL	47B5	23C6
RI	47G5	5F/H0
RK	47B7	22H6,30E/E3
RL	47F7	22H6,30E/G0, 56A0
RLA	48B0	22H6,30E/E3, 56A3
RLK	48B0	26A/A0, 26B/B3
RNO,1,2,4,7	48D0,E0	6D/E0
RNK		5H/A3
RNTO,1	48B5	30B/A5
RO	48A2	5F/G7
RO'	48B2	5B/H3
ROG	48C2	6E/D3
ROH	48D2	6C/D6
ROT	48F2	5H/A3
RP	48F2	5H/A3
RPO-4		5F/H3
RPAB		5F/H0
RPB		5F/H0
RPSA		5F/H3
RPT	48F5	23G0,30E/B7, 56A7
RSO-9	48G5,H5	6C/D3
RSK	48B7	6C/D6
RTO-3	48D7,E7	27H7,104B4
RTC	48G7	30B/A5
RVI	33E2	5B/H3
SO-4	49B0	6E/C0
S5-9	49G0	6E/D3
SA	30C7	23C3
SB	49C2	6E/D3
SBT	49D2	6E/C0
SC		6D/D3
SCB	49F2	6C/D3
SCK	49G2	5H/A3

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
SCN	49A5	5H/A3
SCT		5F/H0
SD	49C5	26A/A0, 26B/A0
SDT		6C/D3
SIA	49G5	6E/C0
SIB	49G5	6E/C0
SKT	487,5C1	1B/D0
SL	49B7	6B/D3
SLCK	4907	
SON		6D/D3
SP	15C3	3F7
SPC	15C3	3F7
SPL	50E0	5E/E4
SRK		6C/D0
SRT	50A2	6E/D3,7D3
SRTI	50C2	6E/D3
SSA,B	50D2	6D/D3
STP1,2	50F2	6B/D3
TO-9	50F5	22H6,30E/G0, 56A0
TAN	50A7,G5	5F/G7
TANI-4	50B7	5F/G7
TAN5		6C/D0
TB	50C7	6E/D3
TBH		6C/D0
TBI	51A0	5F/H0
TBL	51C0	23C6
TBT	51D0	6E/C0
TBY		30E/E3
TC		5H/A3
TCI	51F0	6C/D0
TCA	51F0	5H/H6
TCB	51A2	5H/H6
TCHO-9	51C2	6E/C7
TCHK	51C2	6B/D7
TCKI		6C/D0
TCT	51D2	23C6
TDCT	51E2	6E/D3
TEA		30E/E3
TET	51G2	22H6
TFO,1,2,4,7	51B5	5E/E4
TFA	51A5	6E/D3
TGR		30E/E3
THO-6	43D7-G7	22H6,30E/G0, 56A3
TH7-9	44A0	22H6,30E/G0, 56A3
TH10,1		6B/D0
THC	51G5	5F/G7
THGTO-9	51B7	6E/C5
THTO,1	41E2	5H/A3
THT2,3	51B7	6E/C5,30B/A5
TI	51C9	1B/C0
TIC	51D7	22H6,30E/G0
TIK	51D7	22H6,30E/E3, 56A3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	100B

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MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
TKT	51F9	7D3
~~TLH~~	~~52A0~~	~~6B/D3~~
TLV	52B1	7E3
TM	6A0	1B/D0,6C/D6
TMK	52B2	6C/D6
TMKI	52C2	6C/D6
TNK	52D2	6C/D0
TNO	52F2	22H6
TO31,2	52G2	6D/E0
TOL	52B5	5F/G7
TOP	52C5	22H6,30E/E3, 56A3
TOSO-4	52D5	6E/C0
TP	52D5	5H/A3
TP1	52F5	6B/D3
TPT	52G5	23G0,30E/B7, 56A7
TR	52B7	22H6,30E/G0, 56A7
TRI	52C7	6E/C0
TR2	30E7	6C/D0
TRA	52E7	21B7,22H6, 30E/E3,56A7
TRBI(-)		25A/G5, 50C/G0
TRK	30E5	6C/D0
TRL	53E2	6C/D0
TRLI	53F2	6E/C0
TRL2	53G2	6C/D6
TRP	53H2	56A3
TRR	53A5	6E/C0
TRS	53B5	6C/D0
TRT	53B7	6E/C0
TRS	53B5	6C/D0
TRT	53B7	6E/C0
TS	6A8,53C7	1B/D0,68B5
TSC5		5H/H6
TSE	54B0	6C/D3
TSEI,2	54C0,D0	6E/D3
TSK	54E0	6E/D3
TSL	54F0	22H6,30E/E3
TSM		27H7
TSO	5B1	1B/H4
TST	10E5	5H/A3,21B7
TT	54B2	5B/H6
TTO,1,2,4,7	50D5	5H/H6
TTC	54F2	6E/C0
TTL	8E8	2A/F0,18B3
TTP	1A/C7	18B3
~~TTT~~	54B5	6E/C0
TVFTO-4	54F5	6E/C5,28B0
TVGTO-11	54F5	6E/C5,28B0
TVGTI2,13	54G5	6E/C5
TVS	8F1	18B3
TVT		6D/D3
TVTO,1	8E1	
TVT2-5	8E2,54D7	17E7
UO-9	55A0	22H6,30E/G0, 56A0
UK	55D0	23C6
UKA	55D0	30B/C5
UTO,1,2,4,7	54F7	6A/B0
VFO-4	55E0	5E/D0
VFTO-4	55A2	6B/D0

MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
VGO,1,2,4,7	55C2-E2	5E/D0,E4
VGIO	55A5	5E/D0
VGA	55E5	6E/C5
VGTO-11	55F5	6B/D0
VGTI2,13	32D7	6B/D0
WT		6C/D3
XII	55C7	5H/A3
XAN		5E/E4
XFT	56G0	6B/D0
XT	57B0	23C6

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
A	31G4	20B/C4
ASP	32B1	20B/C4
B	32D1	20B/C4
BSP	32F4	20B/C4
CI	1B/B8,C6	16C7,30G/F4
CO	1B/B9	16C7
D	35A1	20B/C4
DA	35B1	20B/C4
DTO,1,2,4,7	35C9	13D7
DUO,1,2,4,7	36C1	13D7
E	36C1	20B/C4
EMG		21B0
ET	36C4	20B/C4
HR	39C6	20B/C4
HTO,1,2,4,7	39D6	13D7
HUO,1,2,4,7	39B9	13D7
MG	42D4	20B/C4
MO	42B9	20B/C4
MTO,1,2,4,7	43D1	13D7
MUO,1,2,4,7	43E6	13D7
NS	44E4	20B/C4
PCN	1B/B7	16D7
RCCK	11E5	16C7,D7
RN	48F1	20B/C4
RSTO-9	34H1	21B0,C0
RSTIO-19	34C4,F4	20B/B7
RST-EMG	48C9	
RTIE	19B1	16B7
RTIO	19E1	16A7
SC	49F4	20B/C4
SKP	49G6	20B/C4
SP	50C1	20B/C4
SPA	50C1	20B/C4
SY	50C6	20B/C4
TEN	51F4	20B/C4
TPR	1B/B8	16D7
TRB	14A5-E5	16C7,D7, 30G/F4
TRST	1B/B6,B7,C5	16C7,D7, 30G/F4
XPL	56H6	20B/C4

NUMBER GROUP AND CONNECTOR CKT (NG&C)

DESIG	LOCATION FS	LOCATION CAD	
NG	11E8	3D3	
NGI	11H8	3D3	
NGCTO	31H4		
NGCTI	32E1		
NGCT2	35B1		
NGCT3	36C1		
NGCUO-6	43D9-G9		
NGCU7-9	44A1		
OA	44D6		
OB	44G6		

NUMBER GROUP CONNECTOR CKT (NGC)

DESIG	LOCATION FS	LOCATION CAD	
NG	11E8		
NGI	11H8		
NGCTO	31H4		
NGCTI	32E1		
NGCT2	35B1		
NGCT3	36C1		
NGCUO-6	43D9-G9		
NGCU7-9	44A1		
OA	44D6	9H0	
OB	44G6	9H0	

ORIGINATING REGISTER (OR)

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1		
FRO-2	37A4-D4		
RGO,1	34E1	9A6	
RG2-9	34E1	10A/F0	
RG10-15	34B4	13B3	
RG16-19	34E4	13B3	

ORIGINATING REGISTER MARKER CONNECTOR (ORMC)

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1	13B0	
CNG	27B3	3F3,111D0	
FRO-2	37A4-D4		
FRG	27A8	3F3,111D0	
RGO-9	34F1		
RG10-15	34B4		
RG16-19	34E4		
RGG	28B3	3F3,111D0	

ORIGINATING REGISTER MARKER CONNECTOR-MARKER PART (ORMC-MP)

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1		
CNG	27B3	3F3,111D0	
FRO,1	37B4		
FRG	27A8	3F3,111D0	
RGG	28B3	3F3,111D0	

ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART (ORMC-RP)

DESIG	LOCATION FS	LOCATION CAD
RGO-9	34F1	
RG10-15	34B4	
RG16-19	34E4	

OUTGOING SENDER CKT (OS)

DESIG	LOCATION FS	LOCATION CAD	
CNO,1	33F9		
FRO	37H1		
FRI-3	37C4-E4		
SO-9	49C1-E1		
S10-14	49A4,B4		

OUTGOING SENDER CONNECTOR CKT (OSC)

DESIG	LOCATION FS	LOCATION CAD	
CNO,1	33F9		
CNG	27E3	3E3,111C0	
FRO	37G1		
FRI-3	37C4-E4		
FRG	27D8	3E3,111C0	
SO-9	49C1-E1		
S10-14	49A4,B4		
SG	28G3	3E3,111C0	
SRT	50C4	4B4,111C0	

OUTGOING SENDER CONNECTOR-MARKER PART (OSC-MP)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	33F9	
CN3	37E4	
CNG	27E3	
FRO	37G1	
FRI-3	37C4-E4	
FRG	27D8	
S6	28G3	
SRT	50C4	

OUTGOING SENDER CONNECTOR-SENDER PART (OSC-SP)

DESIG	LOCATION FS	LOCATION CAD
SO-9	49C1-E1	
S10-14	49A4,B4	

PBX ALLOTTER CKT (PBXA)

DESIG	LOCATION FS	LOCATION CAD	
AN	31F9		SEE MTC CKT
XAN	55D9		

PRETRANSLATOR CKT (PRT)

DESIG	LOCATION FS	LOCATION CAD
II	31F4	SEE MTC CKT
AO,1,2,4,7	31B6	
BO,1,2,4,7	32F1	
CO,1,2,4,7	32F6	25B/D7, 25C/E0
CM3	33G6	
CMA	33A9	
CMB	33C9	
CMC	37D9	25B/D7
CMK	34B6	25C/E0
GI	38C6	
GR	38G6	25B/D7, 25C/E0
HD	38B1	
LK	9F7	25A/H5, 25B/D7, 25C/G3
LKI	33D9	25C/E0
LT	41C6	SEE MTC CKT
MB	9G7	25B/D7, 25C/G3
PCK	46A4	25B/D7, 25C/E0
PRG	9G7	25A/G5, 25B/D7, 25C/G3
PRL	46D6	25B/D7, 25C/E0
PTP	1C/A0-A7	25A/F5, 25B/D7, 25C/G3
PTR	46D9	25B/D7
RCCK	11G5	25A/H5, 25B/D7, 25C/G3
RLK	48B1	25B/D7
SD	49C6	25B/D7, 25C/E0
TM	6D5	25B/D7, 25C/G3
TR	46E9	25C/E0
TRI	52C9	25C/E0
TR2	30E9	25B/D7, 25C/E0
TRB	14F3	25A/H5, 25B/D7
TRK	30E6	25B/D7, 25C/E0, 26A/G7
TRS	53B6	25B/D7, 25C/E0
TRST	1C/A0-A6	24E7, 25B/D7, 25C/G3
XX	57C6	25B/D7, 25C/E0 26A/G7

PRETRANSLATOR CONNECTOR CKT (PRTC)

DESIG	LOCATION FS	LOCATION CAD	
CNO-2	34A1		
CNG	27F3	25B/F4	
FRO,1	37A4		
FR2	37D4	13B0	
FRG	27E8	25B/F4	
RGO-9	34E1	25A/F0	
RG10-19	34C4-F4	25A/F0	
RG20	46C4	25A/A0	
RG21,22	46G1,H1	25A/A0	
RG23	36G1	25A/A0	
RGG	28D3	25B/F4	
RGG1	23D3	25A/B0,D2	

PRETRANSLATOR CONNECTOR-ORIGINAL REGISTER PART (PRTC-ORP)

DESIG	LOCATION FS	LOCATION CAD	
RGO-9	34G1		
RG10-19	34C4-F4		
RG20	46C4		
RG21,22	46G1,H1		
RG23	36G1		

PROGRAM CONTROLLED TRANSVERTER (PCTV)

DESIG	LOCATION FS	LOCATION CAD	
CI	1A/C0,C5	17F7	
MB	9F3-H3	17F7	
MC	42B4	22G3,30D/F5, 55G7	
RL	47F9	22C3,30D/C5, 55G7	
TCI	1A/C4		
TM	6E5,F5	17E7	
TR	52B9	22D3,30D/D5, 55G7	
TRST	1A/C0,C5	17F7	
TVA	1A/B1,B4	17F7	
TVB	1A/A1,B4	17F7	
TVT	11C2	17F7	

REMOTE OFFICE TEST CONTROL (ROTC)

DESIG	LOCATION FS	LOCATION CAD	
FGO	36F7	11587	
FGI	37A0	11587	
TFO,1,2,4,7	51B5	11587	
TST	54A2	11587	

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD	
2DT	30G5	11505	
II	31F2	11505	
AO,1,2,4,7	31B5	11500	
AL	31B7	11500	
AMA	31D7	11500	
AMKS	7G9	11507	
ATKT	32C1	11500	
BO,1,2,4,7	32F0	11500	
BT	32A5	11500	
CO,1,2,4,7	32E5	11500	
CGA,B	32C7	11500	
CIB	5F7	11500	
CKGI	33G2	11500	
CSGI,2	34C7	11500	
CTAO,1,2	34E7	11500	
CUO,1,2,4,7	34F7	11500	
DO,1,2,4,7	35C0	11500	
DCT	35A2	11500	
DIS	35D2	11500	
DISI	35F2	11500	
EO,1,2,4,7	36D0	11500	
FO,1,2,4,7	36C5	11500	
FCK	36E7	11503	
~~FTO-3~~	~~32B7~~	11503	
FTC	37E7	11503	
FTCK	37F7	11503	
FUO,1,2,4,7	38D0-F0	11503	
FVD	38D2	11503	
GO,1,2,4,7	38F2	11503	
GPA	38E5	11503	
GPB	38G5	11507	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
H7	38F7	115D3
HGO,1,2,4,7	39D0	115D3
LHM	41C0	115D3
LHMT	41D0	115D3
LK2	41B2	115D3
LK3	41C2	115D3
LT	41C5	115D3
LT1	30F7	115D3
LT2	41F5	115D3
MKTO,1	7E9	3E3,115D3
MO1	42B7	115D3
MRL	43B0	115D3
MT1K	43G0	115D3
MT2K	43A2	115D3
MT5	43C2	115D3
MT7K	43H0	115C7
MT8K	43D2	115D3
MT9K	43E2	115D3
MT10K	43F2	115D3
MT12	43G2	115D3
MT57	43H2	115D5
NOB	44A2	115D5
OR	45B5	115D5
OSC	45E5	115C7
PK	46F2	115D5
RA	47A0	115C7
RBT	47C0	115D5
RBTI	47D0	115D5
RCT	47C2	115D5
RCT10	47F2	115C7
ROG	48C2	115D5
ROTL	43D6	115C7
RP	48F2	115D5
RTP	1E/D7	115C7
SB	49C2	115D5
SCK	49G2	115D5
TB	50C7	115D5
TDCT	51E2	115D5
TI	6F0,51C9	115D5
TM	6E0	115D5
TR2	30E7	115D5
TRK	30E5	115D5
TRL	53E2	115D5
TRLI,2	53F2,G2	115D5
TS	6H8	115C7
TSE1,2	54C0,D0	115D5
TST	10F5	SEE MTC CKT
VFO-4	55E0	115D5
VGO,1,2,4,7	55C2-E2	115D5
VGI0	55A5	115D5
X11	55C7	115D5

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
2DT	30G5	116D2
A0,1,2,4,7	31B5	116D0
AL	31B7	116D0
ALT	31C7	116D8
AMA	31D7	116D0
AMKS	7G9	116D0
ATKT	32C1	116D0
B0,1,2,4,7	32F0	116D0
BT	32A5	116D0
BY	32D5	116D8
C0,1,2,4,7	32F5	116D0
CGA,B	32C7	116D0
CIB	5F7	116D0
CKG1	33G2	116D0
CKR	33B5	116D8
CSG1,2	34C7	116D0
CSW	43F5	116D0
CTAO-2	34E7	116D0
CUO,1,2,4,7	34F7	116D0
D0,1,2,4,7	35C0	116D0
DCT	35A2	116D0
DIS	35D2	116D0
DISI	35F2	116D0
E0,1,2,4,7	36D0	116D0
F	36B5	116D8
F0,1,2,4,7	36C5	116D0
FAC	30F5	116D6
FCK	36E7	116D2
FGO	36F7	116D6
FGI	37A0	116D6
FTO-3	37B7	116D2
FTC	37E7	116D2
FTCK	37F7	116D2
FUO,1,2,4,7	38D0-F0	116D2
FVD	38D2	116D2
G0,1,2,4,7	38F2	116D2
GPA	38E5	116D2
GPB	38F5	116D6
H0,1,2,4	38D7	116D8
H7	38F7	116D2
HGO,1,2,4,7	39D0	116D2
HTO,1,2,4,7	39D5	116D6
INC	39D7	116D8
J0,1,2,4,7	40A0-C0	116D6
K0,1,2,4,7	40D2-F2	116D6
L7	40E5	116D6
LHM	41C0	116D2
LHMT	41D0	116D2
LK2,3	41B2,C2	116D2
LT	41C5	116D2
LTI	30F7	116D2
LT2	41F5	116D2
MAK1	42C0	116D2
MKTO,1	7E9	3E3,116D2
MO1	42B7	116D2
MRL	43B0	116D2

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
MT1K	43G0	116D2
MT2K	43A2	116D2
MT5	43C2	116D2
MT7K	43H0	116D6
MT8K	43D2	116D2
MT9K	43E2	116D2
MT10K	43F2	116D2
MT12	43G2	116D2
MT57	43H2	116D4
NOB	44A2	116D4
OA,B	44C5,E5	116D8
OR	45B5	116D2
OSC	45E5	116D6
OTT	45C7	116D2
OV	45D7	116D2
PCD	46F0	SEE MTC CKT
PCDI	46G0	116D8
PCR	46B2	SEE MTC CKT
PK	46F2	116D2
RA	47A0	116D6
RBT	47C0	116D4
RBTI	47D0	116D4
RC	47E0	116D8
RCT	47C2	116D2
RCT10	47F2	116D8
ROG	48C2	116D2
ROTL	43D6	116D6
RP	48F2	116D2
RSO,1	48G5	116D8
RSK	48B7	116D8
RTP	1E/D7	116D6
RVI	49B0	116D2
SO-9	49B0,G0	116D8
SB	49C2	116D2
SBT	49D2	116D8
SCK	49G2	116D2
SRTI	50C4	116D8
TAN	50A7	116D2
TAN1-4	50B7	116D0
TB	50C7	116D4
TBT	51D0	116D8
TBTO-9	39D2	116D6
TBUO-9	50E5	116D6
TCA	51F0	116D6
TCB	51A2	116D6
TDCT	51E2	116D4
TFO,1,2,4,7	51B5	116D6
THTO,1	41E2	116D6
THT2,3	51B7	116D8
TI	6F0,51C9	116D4
TM	6E0	116D4
TMK	52B2	116D8
TMK1	52C2	116D8
TOL	52B5	116D8
TP	52D5	116D6
TP1	52F5	116D8
TR2	30E7	116D4
TRK	30E5	116D4
TRL	53E2	116D4
TRLI,2	53F2,G2	116D4
TS	6H8	116D6

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
TSE1,2	54C0,D0	116D4
TST	10G5	116D6
TT	54B2	116D4
TTO,1,2,4,7	50D5	116D8
TTC	54F2	116D4
UTO,1,2,4,7	54F7	116D8
VFO-4	55E0	116D4
VGO,1,2,4,7	55C2-E2	116D4
VGI0	55A5	116D4
X11	55C7	116D4

REMOTE OFFICE TEST LINE TRUNK MAKE BUSY CKT (ROTL-TMB)

TBO-5	50D7,E7	11987
TB6	52B2	11987
TB7	33H0	11987
TB8,9	36G5,H5	11987
TSK	54E0	11987

SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING (AIS-SC)

OSO-3	45C5,79E7, 115F5,159D0	80B/H3
SG	49H5	80B/H3

SENDER TEST CKT (ST)

A0,1,2,4,7	31B5	5G/H2
B0,1,2,4,7	32F0	5G/H2
C0,1,2,4,7 CI	32F5 1E/D4	5G/H2
D0,1,2,4,7	35C0	5G/H2,H6
E0,1,2,4,7	36D0	5G/H6
F0,1,2,4,7	36C5	5G/H6
G0,1,2,4,7	38F2	5G/H6
H0,1,2,4,7	38D7-F7	5G/H6,H9
J0,1,2,4,7	40A0-C0	5G/H9
K0,1,2,4,7	40D2-F2	5G/H9
L0,1,2,4,7	40C5-E5	5H/E2
M7	41F7	5H/E2

SENDER TEST CKT (ST)

DESIG	LOCATION FS	LOCATION CAD
ON	2B1	
SRT	50A2	
STR	3B0	
STR1	3C4	1B/A7
STR2	3C4	1B/A7
STRA	3D4	1B/G7
TRB	14A8	1B/A7
TRB1	14A8	1B/A7
TRC	1288	
TRST	1E/D4	

STUCK SENDER TRUNK IDENTIFIER (SSI)

CI	1E/D0	30B/E0
FTO-2	37C7, D7	30B/E0
FUO,1,2,4,7	38E0	30B/E0
LH	46G7	30B/E0
ON	2E1	30B/E0
OSO-4	45C5,D5	30B/E0
OSGO-9	45F5,G5	30B/E0
RH	40F7	30B/E0
SSA	50D2	30B/E0
SSB	50D2	30B/E0
SSTI	42F7	30B/E0
STR	3E0	30B/E0
SWO,1,2,4,7	38A2	30B/E0
SWTO,1	37D7	30B/E0
TPB	14C8	30B/E0
TRB1	14C8	30B/E0
TRS1	1E/D0	30B/E0
VUO,1,2,4,7	55E2-G2	30B/E0

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
1TR	30D6	118D8
2TR	30D9	118D8
A0,1,2,4,7	31B6	119D0
ACDO	42G6	118D8
AL	31C9	118D4
ANC	41G9	119D2
AVG	38F6	118D6
BT	32B6	118D4
CDO,1,2,4,7	51C6	119D0
CHO-9	32E9	118D0
CK	3384	118D2
CKI-5	35H4	118D2
CKG	33E4	
CLI-5	33B6	116D2
CNO-9	34A1,E1	11808,11900
CON	34C6	118D4
CSO-19	3449	118D4,D6
CTO-2	34D9	11900
DCT	35A4	116D6
DCTI	3584	118D2
DISI	34E4	118D6
DRO-5	35E6	118D8
DRC	48D6	11900
DRT	50B4	11900
DTK	35E9	118D4
EXB	25E2	118D6
EXG	25E2	118D6
FAK	3689	118D2
FBK	36C9	118D2
FCO	36D9	118D0
FCK	36E9	118D4
FM	37C1	118D2
FML	37D1	11800
FRO-2	3744,D4	118D8
FSO-4	37D6,E6	118D2
FTCK	37F9	118DA
FTKI	38A1	11800
FUTO-7	38A4	11900
FUTO,1,2,4,7	38B4	118D8
GLH	38D6	11800
GT2	38B9	11800
GTL	38C9	11900
HGTO,1,2,4,7	39F1	11900
HGK	39G1	118D4
HGTO-9	39A4	118D4
HMSI	39C4	118D2
HTKI	39F6	11800
HTR	39G6	118D6
IFK	46F6	118D8
ITR	39G9	11900
JCO-4	40E1	11800
JCK	40F1	118D2
JGO-4	40A4	118D2
JXPI	33A1	118D2
JXPA	40C4	118D2
LCO-9	40E9	118D6
LCK	40F9	
LDT	41A1	11806
LFK	41B1	11800

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
LK	41F1	118D8
LLO,1,2,4,7	41D4,E4	11900
LLCK	48C6	11900
LV2-9	41B9	11808
LXPA	41H6	11808
LXPI	41D9	11808
MAK1	42C1	11808
MLF	42E6	11808
MRL	43D1	11806
MXT	51D1	11808
OBS1	44D9	11806
OBS2	44E9	11806
ON	2A2	118D2
OTT	45C9	
PO-9	45F9	11800,D2
PA	46A1	118D2
PK	46F4	11900
PNR	46A6	118C2
PRR	37B1	11900
PS	46E6	11900
RA	47A1	118D4
RAO-4	4506,E6	11808
RCY	47G4	118D2
RGO-3	34E1	11900
RK	47A9	11808
RK1-3	47D9	11900
RL	4769	11902
PR	46C6	11806
RTO-3	48G9	11806
RTEO-4	38C1	11806
SCB	49F4	11902
SDG	41D6	11902
SDT	49D6	11806
SL	4939	11808
SQ1	42B1	11800
SQA	50G1	11800
SNK	49E9	11806
SNR	46E1	11804
STP1,2	50E4	11804
STR	3F5	11804
STRA	3G5	11806
TA	54G1	118D2
TBO	50D9	118D2
TBI	50E9	118D2
TB6	52B4	11902
TB7	33H1	11902
TBK	51B1	11800
TCI	51F1	11808
TCHK	51C4	11804
TCK	33F6	118D2
TGO-19	51D6,E6	118D2,D8, 11902
TI	51C9	11808
TIR	1468	11806
TK	51F9	118D2
TM	52C1	11806
TPO-4	48G6	11806
TRL	53E4	11804
TRS	53B6	11804

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
TRS1	1F/G5	11806
TRST	1F/G4	11806
TSO-3	45G1	11800
TS4,5	45A4	11800
TS6-9	53F9	11800
TSI0-19	54A1	11800
TSA	43G6	11902
TSE	54B1	11806
TSUO,1,2,4,7	38B9	11902
TTGO,1	3086,C6	11808
VFI0-4	55G1	11902
VFT0-4	55A4	11804
VGI0,1,2,4,7	55C6	11902
VGI10	55D6	11902
VGTO-11	55F6	11902
VTK1	55G6	11802
WT	55A9	11806
XBT	55E9	11800
XCH	55F9	11804
XCL	5681	11804
XCS	56D1	11902
XHG	56B4	11802
XI	57F4	11902
XJC	56D4	11800
XJG	56D4	11800
XJS	56E4	11802
XLC	56F4	11804
XLG	56G4	11804
XLH	56G4	11802
XLO	56A6	11902
XLR	56B6	11800
XLS	56B6	11800
XLV	56C6	11800
XMRL	56D6	11902
XRL	56C9	11902
XSL	57A1	11804
XSS	57B1	11800
XTBI	57D1	11902
XTC	57E1	11808
XTCI	57F1	11808
XTGI	57G1	11804
XTRK	57C4	11800
XTRL	57D4	11800
XTS	57D4	11804
XTSI	57E4	11804
XVGA	57B6	11808
XVGB	57C6	11800

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 101A

BELL LABORATORIES | SD-25805-01- | A23

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TRANSLATOR ACCESS CKT (TA)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D6	149D1
2TR	30D9	149D1
CI-	1A/B2	15A2-D2
EF	50E4	149D1
E7G	~~48H6~~	149D1
FAUO-4	45D6,E6	149D1
FTO-5	45F6,G6	149D1
GC	33F4	149D1
HGO,1,2,4,7	39D1	149D1
OF	50D4	149D1
OVG	44E6	149D1
RCCK	11G5	152A4,A7
RP	48F6	149D1
SC	49E4	149D1
TGR	51F6	149D1
TI	6H2	
TNK	52E4	149D1
TP	52G6	149D1
TRB-	13C8	15A2-D2
TRST-	1A/B2	15A2-D2
TS	5A2	
TVC00-02	29G/D5-G5	152G1
TVC10-12	29G/D5-G5	152G1
TVA-	1A/B3	154A2-D2
TVB-	1A/B3	152A4,A7
TVT	54B9	149D1
VF0-4	55E1	149D1
VG0-5	33C6,D6	149D1
XET	56F1	149D1
XTL	57B4	149D1
XVF	57G4	149D1
XVG	57A6	149D1

TRANSVERTER CKT (TV)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D6	22H4,30D/E7
2L	30A8	
2TR	30D9	22H4,30D/E7
4DG	31B1	22H4,30D/B7
4L	31B1	
5DG	31D1	22H4,30D/B7
A0,1,2,4,7	31B6	22H4
A'0,2	31D6,F6	23B4,30F/B2
B0,1,2 4,7	32F1	22H4,30D/E7
B'0,1,2,4,7	32B4	23B4,30F/B2
BY	32D6	22E3,30D/E5
C	32E6	23B4,30F/B2
C0,1,2,4,7	32F6	22H4,30D/E7
C'0,1,2,4,7	32B9	23B4,30F/B2
CI	1A/C5	17F7
CI1	33D1	30D/E5
CI1T	33F1	30D/E5
CI2	33E1	22E3,30D/E5
CI2T	33F1	22E3,30D/E5
CI3	33E1	22E3,30D/E5
CI3T	33F1	22E3,30D/E5
CI4	33E1	22E3,30D/E5
CI4T	33F1	22E3,30D/E5

TRANSVERTER CKT (TV)

DESIG	LOCATION FS	LOCATION CAD
CIFA	33H1	22E3,30D/E5
CIFAT	33A4	22E3,30D/E5
CK	33C4	22E3,30D/E5
CKI,2,4,7	33C4-E4	22A3,30D/B5
CKG	33F4	22H4,30D/E7
CMB	34E9	23B4,30F/B2
CP0,1,2,4,7	34D6	22H4,30D/B7
D0,1,2,4,7	35C1	22H4,30D/E7
D'0,1,2,4,7	35E1	23B4,30F/B2
DISF	35G4	22G3,30D/F5
DNK	35B6	30D/E5
DS	35C9	23B4,30F/B2
DTKI	35F9	22E3,30D/E5
DTKA	35G9	23B4,30F/B2
E0,1,2,4,7	36D1	22H4,30D/E7
E'0,1,2,4,7	36F1	23B4,30F/B2
EXB	25E2	22H4,30D/E7
EXG	25E2	22H4,30D/E7
EXT	36G4	22E3,30D/E5
F0,1,2,4,7	36C6	22H4,30D/E7
F'0,1,2,4,7	36E6	23B4,30F/B2
FABC	36F4	22H4,30D/E7
FACK	36H6	22H4,30D/E7
FTO-3	37B9	22H4,30D/B7
FUO,1,2,4,7	38D1-F1	22H4,30D/B7
G0,1,2,4,7	38F4	22H4,30D/E7
H0,1,2,4,7	38D9-F9	22H4,30D/E7
HNO-8	39D4-F4	22A3,30D/B5
HN9	39A6	22A3,30D/B5
IC	39B9	22E3,30D/E5
ICK	39C9	23B4,30F/B2
IR	39E9	23B4,30F/B2
IRY	39F9	22E3,30D/E5
J0,1,2,4,7	40A1-C1	22H4,30D/E7
K0,1,2,4,7	40D4-F4	22H4,30D/E7
L0,1,2,4,7	40C6-E6	22H4
L5D	40A9	22H4,30D/B7
LST	~~41B6~~	22H4,30D/B7
M7	41F9	22H4,30D/E7
MB	9F3	17F7
MBO,1,2,4,7	42A4,F1	22H4,30D/B7
MC	42B4	22G3,30D/F7
MO	42D9	22E3,30D/E5
NOB	44A4	22H4,30D/E7
NSP	42C1	23H7
OBS	44A9	22H4,30D/E7
OF	45D1	22E3,30D/E5
OFFO-5	45A4,F1	22A3,30D/B5
OFF6-9	53G9	22H4,30D/E7
OFT	45E1	22E3,30D/E5
OFTO-2	45D4	22H4
OPI	45H4	22H3,30D/G5

TRANSVERTER CKT (TV)

DESIG	LOCATION FS	LOCATION CAD
P	45E9	23B4,30F/B2
PI	45F9	23B4,30F/B2
P5	46A1	22E3,30D/E5
PA	46A1	23B4,30F/B2
PT	46A6	23B4,30F/B2
PT1	46A9	23B4,30F/B2
RB	47B1	22E3,30D/E5
RCCK	11F5	17F7
RCI	21A1	17F7
RD	47A6	23B4,30F/B2
RDL	47B6	23B4,30F/B2
RK	47B9	22E3,30D/E5
RL	47F9	22C3,30D/C5
RLA	48A1	22E3,30D/E5
RLR	48C1	22E3,30D/E5
RNO,1,2,4,7	48D1,E1	22H4,30D/B7
RNA	21B2	18G3
RNTO,1	48B6	23H7
RPT	48F6	22B4,30D/C7
RSTO-9	34H1	22A3
RSTI0-19	34C4,F4	23H7
SC	49E4	22H4,30D/B7
SPC	30C9	23H7
SPL	50E1	23B4,30F/B2
TO-9	50E6	22A3,30D/B5
TBL	51D1	23B4,30F/B2
TBY	51E1	22E3,30D/E5
TC1	1A/C4	30G/D4
TCT	51D4	23B4,30F/B2
TEA	51F4	22E3
TET	51G4	22E3
TGR	51F6	22E3,30B/E5
TH0-6	4309-G9	22A3,30D/B5
TH7-9	44B1	22A3,30D/B5
TIC	51D9	22E3,30D/E5
TIK	51D9	22H3,30D/G5
TM	6E5	17E7
TM1	52H1	22E3,30D/E5
TM2	52A4	22E3,30D/E5
TNK	52E4	23H7
TNO	52F4	22H3,30D/G5
TOK	52A6	22E3
TOP	52C6	22H3,30D/G5
TPT	52G6	22H4,30D/E7
TR	52B9	22D3,30D/D5
TRA	52D9	
TRB	13C8	17F7
TRL	53E4	23H7
TRS	53B6	22C3,30D/D5
TRST	1A/C5	17F7
TSL	54F1	22E3,30D/E5
TTT	48E6	22H4,30D/E7
TVA,B	1A/A3	17F7
TVT	11C2	17F7
TVT3(-)	21D2	17F7
TVTA(-)	8E5	17F7
U0-9	55A1	22A3,30D/B5
UK	55D1	23B4,30F/B2
VG0,1,2,4,7	55C4-E4	22A4,30D/B7
VG10	55A6	22H4,30D/B7

TRANSVERTER CKT (TV)

DESIG	LOCATION FS	LOCATION CAD
X	55B9	22E3
X2P	55B9	22E3
XCK	56A1	22E3
XET	56E1	22E3
XIC	56C4	22E3
XICK	56C4	22E3
XNL	56E6	22E3
XOF	56F6	22E3
XP	56F6	22E3
XRB	56B9	22E3
XRL	56C9	22E3
XRST	56E9	22E3
XT	57B1	23B4,30F/B2
XTKK	57A4	22E3
XU	57F4	22E3
XVF	57G4	22E3
XVG	57A6	22E3

TRANSVERTER CONNECTOR CKT (TVC)

DESIG	LOCATION FS	LOCATION CAD
CN0-2	33F9	7E7
CNG	27F3	17E7
FR0	37H1	7G7
FR1-3	37C4-E4	7F7
FRG	27F8	17E7
S0-9	49C1-E1	7B7
S10-14	49A4,B4	8H0
SG	28G3	17E7
SW0,1,2,4,7	39E1	22A4,30D/B7
VF0-4	55E1	22B4,30D/B7

TROUBLE RECORDER CONNECTOR CKT (PART OF SD-26029-01) (TRC)

DESIG	LOCATION FS	LOCATION CAD
CN0-2	34A1	
CN3	34C1	
FR0-2	37A4	
RP0-4	48A6,B6	
RPAB	48C6	
RPB	48D6	
RPSA	48E6	

TRUNK LINK CKT (TL)

DESIG	LOCATION FS	LOCATION CAD
LC0-9	40E9	7F0
LV0	52B9	15D0
LV1	52H1	15D0
LV2-9	41B9	7F0

TRUNK LINK AND CONNECTOR CKT (TL&C)

DESIG	LOCATION FS	LOCATION CAD
LC0-9	40E9	
LV0	52B9	
LV1	52H1	
LV2-9	41B9	
TRA	10F0	
TSK	54E1	
TST	10F8	
TTA	10D8	
TTM	10C8	

TRUNK LINK CONNECTOR (TLC)

DESIG	LOCATION FS	LOCATION CAD	
TRA	10F0		3D3,28A3, 111E0,H5 SEE CM & DTM CKT
TSK	54E1		28A3,111E0, H5
TST	10E8		3D3
TSTI			3C3,111E0
TTA	10D8		3C3,111E0
TTM	10C8		

TRUNK TEST CKT (TT)

DESIG	LOCATION FS	LOCATION CAD	
AMA	31D7		
FSO-19	37D5,E5	5E/A6,A9	
ROT	48F2		
TS0-3	45F0		
TS4,5	45B2		
TS6-9	53F7		
TS10-19	54A0		

TRUNK TEST REGISTER CKT (TTR)

DESIG	LOCATION FS	LOCATION CAD
2DT	30G5	109D8
AL	31B7	109D0
AMA	31D7	109D0
B0,1,2,4,7	32F0	109D0
BT	32A5	109D0
C0,1,2,4,7	32F5	109D0
CGA,B	32C7	109D0
CIB	5E7	1B/D0,109D0
CKG1	33G2	109D0
CSG1,2	34C7	109D0
CTAO-2	34E7	109D0
CUO,1,2,4,7	34F7	109D0
D0,1,2,4,7	35C0	109D0
DCT	35A2	109D0
DIS	35D2	109D2
DIS1	35F2	109D2
E0,1,2,4,7	36D0	109D2
ECN	36G0	109D2
F	36B5	109D2
F0,1,2,4,7	36C5	109D2
FCK	36E7	
FG0	36F7	109D2
FG1	37A0	109D2
FTO-3	37B7	109D2
FTCK	37F7	109D2
FUO,1,2,4,7	38D0-F0	109D2
FVD	38D2	109D2
G0,1,2,4,7	38F2	109D2
GPA,B	38F5	109D2
HGO,1,2,4,7	39D0	109D2
HMS1	39C2	109D2
HTO,1,2,4,7	39D5	109D4
INC	39C7	109D4
LHM	41C0	109D4
LHMT	41D0	109D4
LK2,3	41B2,C2	109D4
LT	41C5	109D4
LT1	30F7	109D4
LT2	41F5	109D4
MKS	7F8	2A/E3,109D4
MKTO,1	7E8	3B3,109D4
MO1	42B7	109D4
MRL	43B0	109D4
MT1K	43G0	109D4
MT2K	43A2	
MT5	43C2	109D4
MT8K	43D2	
MT9K	43E2	
MT10K	43F2	
MT12	43G2	

TRUNK TEST REGISTER CKT (TTR)

DESIG	LOCATION FS	LOCATION CAD
NOBT	44D2	109D4
OR	45B5	109D4
PCD	46F0	109D4
PCD1	46G0	109D4
PCR	46B2	109D4
PK	46F2	109D4
RA	47A0	109D4
RBT	47C0	109D4
RBT1	47D0	109D4
ROG	48C2	109D4
RP	48F2	109D6
SB	49C2	109D6
SBT	49D2	109D6
SCK	49G2	109D6
TAN	50A7,G5	109D6
TAN1-4	50B7	109D6
TB	50C7	109D6
TBT	51D0	109D6
TCA	51F0	109D6
TCB	51A2	109D6
TDCT	51E2	109D6
TFO,1,2,4,7	51B5	109D6,D8
THTO,1	41E2	109D8
THT2,3	51B7	109D8
TI	6H1,51C9	1B/D0,109D8
TM	6D0	1B/D0,109D8
TMK	52B2	109D8
TMK1	52C2	109D8
TOL	52C5	109D8
TR2	30E7	109D8
TRK	30E5	109D8
TRL	53E2	109D8
TRL1,2	53F2,G2	109D8
TS	6E8	2A/E3,109D8
TSE1	54C0	109D8
TST	10F5	21A7,109D8
TTO,1,2,4,7	50D5	109D8
TTR	54H4	15B3,109D8
TTRP	1E/D5	2A/E3,109D8
UTO,1,2,4,7	54F7	109D8
VF0-4	55E0	109D8
VG0,1,2,4,7	55C2,G2	109D8
VG10	55A5	
X11	55C7	109D8

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
CIA	1F/D0	
CIA1	1F/D4	2A/F3
CIA2		2A/G3
CP1,2,4,8	38H1	11H1
CP16	55D4	11H4
DIS	37D9	11H1
FTO,1	43E9	
FUO,1,2,4,7	43F9,H9	
GRPO,1	44B1	
LTO	44B1	
LT1,2,4,7	39F4	
LUO,1,2,4,7	39G4	9H8
ON	2C1	
OP	1F/F0	
OP1	1F/F4	2A/F3
OP2		2A/G3
RSD	38E1	11H1
SD	37D9	11H1
SR	37D9	11H1
STR	3D0	1B/A4
TER	37D9	11H1
TM5	55D4	11H4
TRB	12E2	1B/H4
TRB1	12E2	1B/H4
TTO	39B6	9H8
TT1	44E6	9G0
TT4	44G6	9G0
TT7	49E9	15C0
TU0	44C1	15C0
TU1	55D1	15C0
TU2	39B9	15C0
TU4	52E4	15C0
TU7	46C9	15C0
WC	55H6	15C0

MASTER TEST FRAME CONNECTOR CKT

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LEAD INDEX FOR TABLE I

DESIG	LOCATION FS	LOCATION CAD
OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT (OTTIC)		
1TR		155D5
2TR		155D5
AO,1,2,4,7		155C7
AIOD		157D2
BO,1,2,4,7		155C7
CO,1,2,4,7		155C7
CCO,1		157A7
CGA,B		157D0
CK		157D2
CKG		157D2
CTO,1,2,4,7		157D0
DO,1,2,4,7		155C7
DUAL		157D5
EO,1,2,4,7		155C7
ECTO-2		157D0
ECUO,1,2,4,7		157D0
EF		155D2
EVG		155D2
EVN		157D2
FO,1,2,4,7		155C7
FN		157D2
FNA,B		157D2
FTO-3		156D2
FUO,1,2,4,7		156D2
FUAO-4		155D2
GO,1,2,4,7		156D0
GC		155D5
HO,1,2,4,7		156D0
HGO,1,2,4,7		155D2
HMSI		157D2
HNO-9		156D5
ITR		157D2
JO,1,2,4,7		156D0
KO,1,2,4,7		156D0
L7		156D0
LTI-3		157D5
MBO,1,2,4,7		157D0
MT		157D2
MTK		157D2
MUO,1,2,4,7		157D0
NOB		156D0
NPDO,1		157D2
OBS		156D0
OC		157D2
ODD		157D2
OF		155D2
OFFO-4		156D2
OFF5-9		156D2
OFTO-2		156D2
OVG		155D2
PPSP		157D5

DESIG	LOCATION FS	LOCATION CAD
OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT (OTTIC)		
RCDO,1		157D2
RK3		157D2
RPT		155D5
SC		155D5
SLU		157D5
SMPA		156D0
SNG		157D5
SOG		157D2
SPTO,1		157D2
SPUO,1,2,4,7		157D2
TO-9		156D5
TBK		157D2
TBL		157D5
TBY		157D5
TFUO,1,2,4,7		156D7
TGR		155D5
THO-9		156D5
TK		157D2
TMI		157D5
TM2		157D5
TNK		155D5
TNTO,1,2,4,7		156D7
TNUO,1,2,4,7		156D7
TPT		155D5
TRL		157D2
TVT		155D5
UO-9		156D7
VFO-4		155D2
VGO		156D2
VGI,2,4,7,10		156D2
VGAO-4		155D5
VGA5		155D5
XII		157D5
XET		155D2
XTL		155D2
XVF		155D2
XVG		155D2

DESIG	LOCATION FS	LOCATION CAD
MINI-REMOTE OFFICE TEST LINE INTERFACE CKT (MROTL)		
ATKT	32C1	155E0
HNO-9		155E0
MT5		155E0
MTCO,1,2,4,7	16A/G1	155E0
ROTL	43D6	155B0
RTP	1F/G7	155B0
RVER	1E/F9	155B0
SO-9		155B0
TO-9		155B0
TBT		155B0
TBTA		155B0
TBUA		155B0

DESIG	LOCATION FS	LOCATION CAD

DESIG	LOCATION FS	LOCATION CAD

DESIG	LOCATION FS	LOCATION CAD

DESIG	LOCATION FS	LOCATION CAD

DESIG	LOCATION FS	LOCATION CAD

MASTER TEST FRAME CONNECTOR CKT

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE I (SEE NOTE 1301)

DESIG	LOCATION FS	LOCATION CARD
1RT	51F5	R1,28
1TR	30D5	R2,33
2DT	30G5	S7,4
2L	30A7	R2,37
2P	30C7	S3,7
2TR	30D7	R2,34
4DG	31B0	S2,22
4L	31C0	R2,36
5DG	31D0	S2,23
11	31F2	S4,4
A	31G2	R3,2-3
A0,1,2,4,7	31B5	S0,0-4
A'0,1,2,4,7	31D5-F5	R8,0-4
AC8	31G5	R2,35
ACDO	42G5	S8,5
AID	44F0	S3,28
AIOD	48F0	R1,30
AIS	43B0	S3,27
AK	31H5	R3,2-4
AL	31C7	R5,37
AMA	31D7	S2,28
AN	31F7	R3,28
ANC	41G7	R5,28
ARO,1,2,4,7	31F7	R2,25-29
ASP	32B0	R2,54
AT	32B0	R4,51
ATKT	32C0	S8,2
AVG	38F5	R5,38
AVKI	32D0	S1,22
B0,1,2,4,7	32F0	S0,5-9
B'0,1,2,4,7	32B2	R8,5-9
BN	32D2	R2,14
BRO,1,2,4,7	32E2	R6,25-29
BSP	32F2	R2,53
BT	32B5	S7,53
BW0-59	20E5-E8, 32C5	
BW60-119	20E5-E8, 32D5	
BY	32D5	R2,7,R3,59
C0,1,2,4,7	32F5	S0,10-13
C'0,1,2,4,7	32B7	R8,10-14
CCSP	49H2	S3,5
CDO,1,2,4,7	51C5	S4,20-24
CDCO	41H2	R2,51
CDCI	46B5	R2,52
CGA,B	32C7	S3,42,43
CGT	32E7	S7,30
CHG-9	32E7	R7,50-59
CHE	33B0	S8,35
CII-4	33D0,E0	R3,40-42, 44
CIFA	33H0	R3,51
CK	33B2,C2	S8,41, R2,44
CKO	33A5	R3,21
CKI-5	35H2	R5,15-19
CKI,2,4,7	33C2-E2	R3,32-35
[CK6]	35A5	R5,20
CKG	33E2,'2, 45E7	S8,31, R3,31,R2,38
CKR	33B5	R3,22
CLI-8	33B5-E5	R5,22-27, R4,40,41
CLF	33H5	R1,35
CLG	33F5	R5,56
CLK	33F5	R5,59
CLTI,2	33G5	R5,57,58
CM3	33G5	S3,11
CMA	33A7	S3 12
CMB	33C7	S3,13
CMC	33D7	S3,14
CMK	34B5	S3,10
CN	33E7	S4,31
CNO,1	33F7	S2,4,5
CNO-2	34A0	S6,10-12
CNO-9	34E0	S6,19-28
CN2	33G7	S2,6
CN3	34C0,37E2	S6,13,S2,3
CNI0-15	34A2	S5,0-5
CNI6-19	34D2	S5,6-9
CNR	34A5	S3,10
CNS	34B5	R5,43
CON	34C5	S7,44
CPO,1,2,4,7	34D5	R5,0-4
CR	34E5	S3,3
CRO,1,2,4,7	34F5	R7,25-29
CR'0,1,2,4,7	32E2	R6,25-29
CRRO-2	34G5	R5,44-46
CRS	51F2	R2,30
CSO-29	34B7	R2,30-59
CSW	43F5	S3,24
CTO-2	34D7	R1,25-27
CTO,1,2,4,7	34D5	R5,0-4
CUO-2	42G0	R0,25-27
CU4,7	42B2	R0,28,29
CUO,1,2,4,7	34F7	R5,5-9
CWF	35H0	S8,32
CWK	54E7	R5,41
D	34G7	S7,1
DO,1,2,4,7	35C0	S0,15-19
D'0,1,2,4,7	35E0	R8,15-19
DA	35B0	R2,55
DAC	33C2	R3,33
DCK	35H0	S8,32
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DCTI-3	35C2	S7,47,57, S0,51
DISI	35E2	S7,54
DLI-5	33H2	R5,15-19
DL6	35A5	R5,20
DNK	35B5	R3,36
DR	35C5	R5,40
DRO-9	35E5,F5	S8,19-28
DR-EMG	35G5	S8,29
DRAO-9	35B7,H5	S7,19-28
DRA-EMG	35A7	S7,29
DRC	48D5	S7,16
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DRTO,1	35B7	S7,19,20
DS	35C7	R2,47
DTO,1,2,4,7	35C7	R0,30-34
DTK	35E7	S8,55,R2,39
DTN	36B0	R2,41
DUO,1,2,4,7	36C0	R0,35-39
DUAL	47B0	R3,58
EO,1,2,4,7	36D0	S0,20-24
E'O,1,2,4,7	36F0	R8,20-24
EAO-3	37E7	R0,0-3
EBO,1,2,4,7	38B2	R0,4-8
ECO,1,2,4,7	55D5	R0,9-13
ECN	36G0	S5,13
ECTO-2	55G0	R0,20-22
ECUO,1,2,4,7	34F7	R0,25-29
EDO,1,2,4,7	39G0	R0,15-19
EEO,1,2,4,7	55G0	R0,20-24
EF	36B2,50E2	S1,7,59
EFO,1,2,4,7	34F7	R0,25-29
EG	36B2	R3,26
EN	36C2	R2,21
ENCO,1	36C2	R1,36,37
EVG	44G5	R4,21
EVN	36B5	R2,48
EX	25D0	R5,47
EXT	38G2	R3,57
FO,1,2,4,7	36C5	S0,25-29
F'O,1,2,4,7	36E5	R8,25-29
FAA	36F5	R5,53
FAB	36F5	R5,54
FABC	36F5	R3,52
FAC	30E5	S4,14
FACK	36H5	R3,53
FAK	36B7	R8,50
FBK	36C7	R8,51
FCG	36D7	S5,57
FCK	36E7	S8,39
FGO	37F7	S4,18
FGI	37A0	S4,19
FK	57A2	R1,50
FLG	37B0	S7,14
FM	37C0	S8,52
FML	37D0	S8,42
FN	33C3	R2,44
FNA	37E0,45G7	R2,4,45
FNB	37F0,40D7	R2,5,47
FRO	37H0	S2,0
FR1,2	37C2	S2,1,2
FR3	37E2	S2,3
FRO-9	37B2-F2	S6,0-9
FSO-19	37D5-F5	S1,30-49
FTO-3	37C7	R1,0-3
FTO-5	45F5,G5	S1,0-5
FT'O-3	37E7	R0,0-3
FTCK	37F7	S8,40
FTKI	38B0	S7,33
FTTO-3	38C0	S4,30-33
FUO-4	45D5,E5	S1,8-12
FUO,1,2,4,7	38E0-H0	R1,4-8
FU'O,1,2,4,7	38B2	R0,4-8
FUTO-9	38C2,D2	S4,34-43
FVD	38D2	S4,2
GO-19	37E5,F5	S1,30-49
GO,1,2,4,7	38G2	R7,0-4
G'O,1,2,4,7	38A5	R6,0-4
GA,B	50D7	S1,50,51
GC	33F2	R3,31
GLH	38E5	S7,43
GPA,B	38F5,G5	R5,38,39
GS1-5	38B7	R5,32-36
GT2	38B7	S7,45
GT5	38C7	S8,13
GTL	38C7	S8,33
HO,1,2,4,7	38E7-G7	R7,5-9
H'O,1,2,4,7	39A0	R6,5-9
HGO,1,2,4,7	39E0	R1,15-19
HG'O,1,2,4,7	39G0	R0,15-19
HGK	39G0	S7,36
HGTO-9	39A2	S3,45-54
HMS	51F5	
HMSI	36B0,39C2	S7,39,R2,41
HNO-9	39E2,G2,B5	R4,10-19
HR	39C5	R2,56
HRI	39C5	R4,50
HTO,1,2,4,7	39E5	S5,15-19, R0,40-44
HTKI	39F5	S7,32
HTR	39G5	S7,42
HTUK	39A7	R4,25
HUO,1,2,4,7	39B7	R0,45-49
IC	39B7	R3,38
IFK	46F5	R1,29
INC	39E7	S4,12
IPA	39E7	R4,48
IRY	39F7	R3,43
ITCO,1	30B5,C5	R7,40,41
ITC2,3	30B7,G7	R7,42,43
ITC4-6	31C0-F0	R7,44-46
ITC7-9	31C2,D2	R7,47-49
ITR	39G7,46C0	S7,5,R2,43
JO,1,2,4,7	40B0-D0	R7,10-14
J'O,1,2,4,7	40E0	R6,10-14
JCO-9	40F0	R6,30-39
JCK	40G0	S8,47
JGO-4	40B2	R6,40-44
JXP1	33B0	S8,35
JXPA	40C2	S7,49
KO,1,2,4,7	40E2-G2	R7,15-19
K'O,1,2,4,7	40A5	R6,15-19
LO,1,2,4,7	40C5-E5	R7,20-24
L'O,1,2,4,7	40G5	R6,20-24
L5D	40A7	S2,21
LB	40C7	S7,37
LC	40D7	R2,46
LCO-9	40E7	S0,50-59
LCH	40E7	R2,10
LCK	40G7	S8,46
LDT	41B0	S7,59
LFK	41B0	S7,35
LFKI	56G5	R1,51
LH	46F7	R2,9
LI	41E0	R2,19
LIN	41E0	R2,12
LIT	41F0	S7,3
LK	41G0	S8,49
LKI	41B2	S7,48
LLO,1,2,4,7	41D2-F2	S4,25-29
LLCK	48C5	S7,17
LOLD	33D2	R3,35
LOLL	35B5	R3,36
LR	41B5	S5,59
LRA	41H2	R2,51
LST	41B5	S2,20
LT	41C5	S4,0
LTI	30E7	S4,15
LT2	41G5	R4,42
LT3	38D2	S4,2
LTR	41H5	S7,41
LVO	52B7	R3,48
LVI	52H0	R3,49
LV2-9	41B7	R8,52-59
LVF	41B7	S8,7
LVM	41C7	S8,8
LXPI	41D7	S8,36
LXPA	41H5	S7,41
M MO-2,4 M'O-2,4	41F7 39H2 55C0	S3,22
M7	41G7	R5,28
M'7	42B0	R5,29
M11	42B0	R5,21
MAKI	42C0	S8,43
MAN	42D0	S3,6
MB	1283	
MBO,1,2,4,7	42G0,B2	R5,5-9
MF	42C2	S7,2
MG	42D2	R1,32
MIR	42E2	S8,10
MKR	42A5	S8,15
MLF	42E5	
MLV	42G5	
MO	42B7	
MOR	42E7	
MOS	42F7	S8,11
MPT	43B0	S3,27
MRL	43B0	S7,55
MT	49F2	R1,57
MTO	36G7	S4,18
MTI	37B0	S4,19
MTO,1,2,4,7	43D0	R0,50-54
MT-A	31G2	R4,52
MT-B	32E0	R4,53
MT-D	35B0	R4,54
MT-E	36C0	R4,55
MT-ET	36C2	R4,59
MT-RT	48F7	R4,57
MT-SP	50C0	R4,56
MT-TEN	51F2	R4,58
MTK	50C5	R2,58
MTPT	43D5	S8,1
MUO,1,2,4,7	43E5,51C5	S4,20-24, R0,55-59
MXT	51C0	R2,49
N7	41G7	
N'7	42B0	
NC	43F5	S3,24
NDI	43G5	R4,36
NDK	43G5	R4,37
NE	43B7	S8,37
NGCTO	31H2	R4,52
NGCTI	32E0	R4,53
NGCT2	35B6	R4,54
NGCT3	36C0	R4,55
NGCUO-6	43D7-G7	R4,0-6
NGCU7-9	44A0	R4,7-9
NGKT	44C0	R4,23
	44E0	R4,28
NH	44F0	S3,28
NID	50F0	S3,23
NN	44G0	S3,29
NOB	44B2	S3,9
NOB'	44C2	S2,27
NOC	44D2	R5,55
NR	44E2	S7,34
NRDO	35B0	R2,55
NRDI	39C5	R2,56
NS	44E2	R2,59
NSI	44F2	S7,13
NSO	44F2	S7,12
NSP	42D0	S3,6
NT	44G2	S3,25
NTT	44B5	S3,26
OA	44D5	S4,5,R4,20
OB	44F5,G5	S4,6,R4,21
OBS	44A7	S3,8
OBS'	44C7	S2,26
OBS1,2	44D7,E7	S4,16,17
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OCN	45B0	S5,14
ODD	35C7	R2,47
OF	45D0,50D2	S1,6,R3,55
OFFO-3	45G0	S0,30-33
OFF4,5	45B2	S0,34,35
OFF6-9	53G7	S0,36-39
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ON	2F1	
OPI	45G2	R2,32
OPR	45B5	R5,42
OR	45C5	S4,9
ORK	47D7	S8,56
OSO-4	45D5,E5	S1,8-12
OSE	45E5	S1,13
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OSK	45A7	S1,14
OST2	45B7	S1,16
OTO	45B7	R4,49
OTT	45C7	R4,38
OV	45D7	R2,6
OVG	44D5	R4,20
P	45E7	R2,38
PO-9	45F7	R6,50-59
PI	45G7	R2,45
PS	46A0	R3,45
PA	46B0	R6,47
PAK	46C0	R2,43
PB	46D0	R6,48
PBN	46D0	R2,3
PBXI	46E0	R4,29
PC	46F0	R6,49
PCD	46G0	S5,11
PCDI	46G0	S5,12
PCK	46A2	S3,16
PCR	46C2	S5,10
PD	46E2	S3,1
PHC	46E2	S4,7
PK	46G2	S3,2
PN	46A5	R2,0
PNR	46B5	R6,46
POTS	46B5	R2,52
PPSP	49B5	S3,4
PR	46C5	S1,57
PRCY	46C5	R3,29
PRL	46D5	S3,17
PRR	37B0	S7,14
PRT	46E5	S8,14
PS	46E5	S3,0
PSI	52H5	S4,44
PSR	46F5	R1,29
PT	46G5	R2,42
PTI	46A7	R2,40
PTK	46B7	R4,27
PTN	46C7	R2,2
PTR	46D7	S3,19
PTS	46E7	R2,50
PUL	46F7	R2,9
RA	47A0	S8,54
RAO-4	45D5,E5	S1,8-12
RB	47B0	R3,58
RCDO	32F2	R2,53
RCDI	32B0	R2,54
RCK2,3	47B2	R2,23,24
RCTI-15	47D2-F2	S4,45-59
RCY	47G2	S8,53
RD	47A5	R2,48
REC	47B5	S8,17
RF	47C5	S1,58
RGO-9	34E0	S6,19-28
RGI0-19	34A2-D2	S5,0-9
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WADS LINE CONCENTRATOR NO 2A	WC	45G6

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
A'0	59D9	88E3,F0
A'1	59E9	88E3,F0
A'2	59F9	88E3,F0
B'0,1,2,4,7	60G6	88C0,F0
C'0,1,2,4,7	61E4	88C0,F0
D'0,1,2,4,7	65C9	88C0,F0
DS	9584	88E3,F0
DTK	60D4	87B0,C0
DTN	96B6	87B0,C0
E'0,1,2,4,7	67D4	88C0,F0
F'0,1,2,4,7	67G6	88C0,F0
HRI	93C4	87B0,C0
IPA	93F1	87B0,C0
LC	96G6	87B0,C0
ONL	2F6	87H0
OTO	93B4	87B0,C0
P	82F6	88E3,F0
PI	95C6	88E3,F0
PAK	95D1	87B0,C0
PT	95B1	88E3,F0
PTI	96G4	88E3,F0
PTS	94D6	88E3,F0
RC(-)	21B2	67B3-F3,D8-F8,68D0-F0, 87E0,95D1
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RST0,1	63E9	87H0
RST2-9	64D1	87H0
RST10-15	64G1	95D1
RST16-19	64D4	95D1
RST20	85C4	67C0
RST21	91D4	67C0
RST22	59E1	67C0
RST23	70B4	67C0
RST25	59E6	67C0
RST26	79G1	67C0
RST27	79B4	67C0
RST28	81G1	67C0
RST29	88D6	67C0
RT	93G6	87H0

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
T0,1,2,4,7	91E4	87E4,E7
TBL	77D9	88E3,F0
TCN0,1	63E9	
TCN2-9	64D1	
TCN10-15	64G1	
TCN16-19	64D4	
TNR	77D9	
TBLE	19D4	
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TRCB	28A8	6783-F3, D8-F8, 68D0-F0, 87E0,95D1
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TRST	1B/B0-B3	6783-F3, D8-F8, 68D0-F0, 87E0,95D1
TV	93E1	88E3,F0
U0,1,2,4,7	92C1	87E4,E7
X11	94B1	
XP1	80D4	87B0,C0
XT1	86F6	87B0,C0
XTC	96B6	88E3,F0
XTL	96D6	87B0,C0
XTP	80D4	
XU1	80E4	87B0,C0

AMA TRANSLATOR (AMAT)

DESIG	LOCATION FS	LOCATION CAD
G0-19	29G/A4	90B0
GA	29G/C4	90B0
GB	29G/D4	90B0
GG	2808	90B0, 53C6,F6, 152D4,D7
TLR0-29	6409	90B0
TLR30,31	87G4	

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
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2TR	5984	
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C0,1,2,4,7	61C4	
CI	1A/C0	53D6,G6
CKI	95E6	55D7
CMB	65E4	
D0,1,2,4	65H6	
D7	6589	
DIST	66E4	55D3
DNK	84D9	55D7
E0,1,2,4,7	6784	
F0,1,2,4,7	67F6	
FT0-3	69G1	
FU0,1,2,4,7	6989	
GC	95E4	
G0,1,2,4,7	70E4	
H7	7182	
HN0-4	72G1	55D3
HN5-9	72C4	55D3
MB	9H3	53E6,G6
MB1	9H3	53E6,G6

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
MOA	77D4	55D7
NOB	78D9	55D7
OBS	79D4	55D7
OFF0,1	90F4	55A0
OFF2,3	90F4	55D3
OFF4	90B6	55D3
OFF5	90D6	55D3
OFF6-9	90C6	55A0
OFT	68D1	
OFT0-2	90C9	55D3
P	82G6	55F7
PT	95B1	55F7
RCCK	11F5	53D6,G6
RL	76B4	
RLA	82C1	55F7
RPT	70G1	
SC	85D1	
T0-4	86H4	55D3
T5-9	86C6	55D3
TGR	94E4	55D7
TH0,1	78C4	55D3
TH2	78E4	55D3
TH3,4	78F4	55D3
TH5-9	78B6	55D3
TIK	89E1	55F7
TM	6F5	
TM2	85E4	55D3
TNK	96B9	55A3
TOP	89G9	55F7

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
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TRA	90E1	55D7
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TRL	96C4	55A3
TRS	90D4	55A3
TRST	1A/C0	53D6,G6
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TVTA0	8E4	53G6
TVTA1	8E4	53E6
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U5-9	91F9	55D3
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VG2	92G6	
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VG10	92D9	
X	76C9	55D7
XET	89F1	55D7
XRL	70C9	55F7
XTL	75E9	55D7
XVF	85F6	55D3
XVG	62E1	55F7

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B0,1,2,4,7	SEE ATV CKT	55A0,98B4
C0,1,2,4,7		55A0,98B4
CKI		98B4
CMB		98B4
CNO,1	63F6	98F0
CNG	27G3	54E7,G7
D0,1,2,4,7		55A0,98B4
DIST		98B4
DNK		98B4
E0,1,2,4,7	SEE ATV CKT	55A0,98B4
F0,1,2,4,7		55A0,98B4
FRO		98F0
FRG	68B6	98F0
FTO-3	27F8	54E7,G7
FU0,1,2,4,7		55H3,98B4
G0,1,2,4,7		55A7,98B4
GC	SEE ATV CKT	55A0,98B4
H7		55A7,98B4

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
HG0,1,2,4,7		55A7
HN0-9		98B4
MC		98B4
MOA		98B4
N0B		98B4
OBS		98B4
OFF0-9	SEE ATV CKT	98B4
OFT0-2		98B4
P		98B4
PT		98B4
RL		55E7,98B4
RLA		98B4
RPT		55B7,98B4
S0-9	84E9	98F0
SC	SEE ATV CKT	55H3,98B4
SG	28H3	54E7,G7
SW0,1,2,4,7	71G1	55A7,98B4
T0-9		98B4
TGR		98B4
TH0-9		98B4
TIK		98B4
TM		54E7,G7
TM2	SEE ATV CKT	98B4
TNK		98B4
TOP		98B4
TPT		55A7,98B4
TR		55E7,98B4
TRA		98B4
TRIT		55A7,98B4

ANI TRANSVERTER CONNTECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
TRL		98B4
TRS		55A7,98B4
TTT		98B4
TVT		54F7,G7
U0-9	SEE ATV CKT	98B4
VF0	92F1	55A7,98B4
VF1-4	92G1	55A7,98B4
VG0,1,2,4,7,10		55H3,98B4
X	SEE ATV CKT	98B4
XET		98B4
XRL		98B4
XTL		98B4
XVF		98B4
XVG		98B4

APPLIQUE CKT FOR COMPARING COMPLETING MARKET ROUTE RELAY CROSS CONNECTIONS (AC)

DESIG	LOCATION FS	LOCATION CAD
MCA	96D9	

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)

DESIG	LOCATION FS	LOCATION CAD
G0-19		101E6
GA		101E6
GB		101E6
TLR	87F1,G1	
TLR0-29	64D9	101D6

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)

DESIG	LOCATION FS	LOCATION CAD
GC	28D8	53C6,E6, 101B6,152D4, D7
TRG	28F8	53C6,E6, 101B6,152C7, D4

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
2DT	59E0	
2W	59E2	
4W	59B5	
11	59F5	
AO,1,2,4,7	59C7	
A'0	59D7	73B/B3
A'1	59E7	73B/B3
A'2	59G7	73B/B3
A'4,7	6080	73B/B3
AMA	76C0	
AOT	60E2	
ARO,1	60H2	
AR2,4,7	60B5	
AVK1	60D5	
B0,1,2,4,7	60F5	
B'0,2,4,7	60G5	73B/B3
BRO,1,2,4,7	60E7	SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
C0,1,2,4,7	61D2	SEE MTC CKT
C'0,1,2,4,7	61E2	73B/B3
CD0,1	61C5	SEE MTC CKT
CD2,4,7	61D5	SEE MTC CKT
CD'0,1,2,4,7	61E5	73B/A3
CDA0,1,2,4	61E5	
CDA7	61G5	
CDA'0,1,2,4,	61B7	SEE MTC CKT
CDA'7	61C7	
CI	1F/C7	73B/E0
CL1,2,4	63G0	
CL3	63G0	
CL5	63B2	
CL6	63C2	
CL7	63D2	
CL8	63E2	SEE MTC CKT
CP0	64B5	
CR	64D5	
CR0,1,2,4,7	64F5	
CT'0,1,2,4,7	61E5	
CTA0	65B2	
CTA1,2	65C2	
CTA4,7	65D2	
CU0,1,2,4,7	65C5	
D	65F5	
D0,1,2,4	65H5	
D7	65B7	
D'0,1,2,4,7	65D7	73B/B3
DAT	65F7	
DCK	65D5	
DCT	66E0	
DL1-3	66G2	
DL4,5	66G2	
DL6	66H2	
DRO-7	66C7	73B/B0
DRT0 1	26B0	73B/B0

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
DTF	67D0	
DTI	67E0	
E0,1,2,4,7	67B2	
E'0,1,2,4,7	67D2	73B/B3
EF0,1,2,4,7	65C5	SEE MTC CKT
F0,1,2,4,7	67G5	SEE MTC CKT
F'0,1,2,4,7	67H5	73B/B3
FAC	67D7	
FAK	67F7	
FBK	67G7	
FS0-2	68G5	
FS3,4	68C7	
FS5-7	68D7	
FS8,9	68E7	
FS10-14	68F7	
FS15-19	68G7	
FS20	69B0	73B/C0
FS21	69C0	73B/C0
FS22-26	69D0	73B/C0
FS27-29	69E0	73B/C0
FT0-3	69G0	
FU0,1,2,4,7	69C7	SEE MTC CKT
FVD	70C2	
G0,1,2,4,7	70E2	
G'0,1,2,4,7	70F2	73B/B3
H0,1,2,4	70F7	SEE MTC CKT
H7	71B0	SEE MTC CKT
H'0,1,2,4,7	71C0	73B/B3
HG0,1,2,4,7	71G0	SEE MTC CKT
HMS1	72E0	SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
HT0,1,2,4,7	72G2	
INC	72B7	
J0,1,2,4	73D0	SEE MTC CKT
J7	73E0	
J'0,1,2,4,7	73F0	
K7	74B2	
K'0,1,2,4,7	74C2	73B/B3
K0,1,2,4	74G0	
L0,1,2,4	74F2	SEE MTC CKT
L7	74H2	SEE MTC CKT
L'0,1,2,4,7	74B5	73B/B3
LC0	74D5	73B/B0
LC'	74F5	73B/B0
LC2	74G5	73B/B0
LC3	74B7	73B/B0
LC4	74D7	73B/B0
LC5	74E7	73B/B0
LC6	74F7	73B/B0
LC7	75B0	73B/B0
LC8	75D0	73B/B0
LC9	75E0	73B/B0
LI0	75H5	
LI1	75B7	
LR	76B2	
LRI	76C2	
LT	76E2	
LT1	76F2	
LT2	76H2	
LT3	76B5	
LV0,1	76C5	73B/B0
LV2-9	76D5	73B/B0

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
M0,1,2,4	61F5	73B/E3
M7	61H5,78C0	SEE MTC CKT
M'0,1,2,4	61B7	73B/E3
M'7	78D0	73B/B3
M11	76D9	73A/A5
MF	77F0	SEE MTC CKT
MIR	77G1	73B/C0
MON	77E2	SEE MTC CKT
MOR	77E4	73B/C0
MOS	8684	73B/F0
MTRI	12C8	73B/F0
N7	78B0	73B/E3
N'7	78D0	78B/E3
NDK	78G0	SEE MTC CKT
NTB	79E5	
OA	79G0	SEE MTC CKT
OB	79B2	SEE MTC CKT
ON	2A1	73B/F0
PCD	80E7	
PCD1	80G7	
PCR	81C0	
PD	81D0	
PHC	81G0	
PK	81H0	
PS	81B5	

MASTER TEST FRAME CONNECTOR CKT

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AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
RIK	82G5	SEE MTC CKT
RO	83F5	
RP	83F7	
SCK	85F0	
SCN	85G0	
SCT	85G0	
SPL	86B0	
SRT	66E7	
STR	3B0	73B/F0
STR1	3C8	
STRA	3D8	
STRC	3D8	
TAN	86B7	
TAN1	86D7	
TAN2	86E7	
TAN3	86G7	
TAN4	87C0	
TCA	87E5	
TCB	87G5	
TCC	87H5	
TFO-2	88F0	SEE MTC CKT
TF4,7	88G0	
THC	88D5	
THTO	88G5	
THT1	88C7	
THT2,3	8980	
TOL	89E7	
TP	9080	
TRA	1GE3	73B/C0
TRB	14D8	73B/F0
TRB1	14D8	73B/F0
TRC	12A8	73B/F0
TRST	1F/C7	73B/F0
TST	91B2	
TT	91C2	SEE MTC CKT
TTO,1,2,4,7	91F2	

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
UTO,1,2,4,7	92E0	
VF0	92F0	SEE MTC CKT
VF1-4	92H0	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	
X11	94B0	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
2DT	59E0	SEE MTC CKT
2W	59E2	
4W	59B5	
11	59F5	
AO,1,2,4,7	59C7	
AKT	488	72B7
AL	60B2	
ALT	60C2	SEE MTC CKT
AMA	76C0	
AMX	7F6	72D7
ATKT	6086	SEE MTC CKT
ATP	1E/D6	72D7
BO,1,2,4,7	60F5	
BT	61C0	SEE MTC CKT
CO,1,2,4,7	61D2	
CONK	61E7	104D7
CGA	62B0	SEE MTC CKT
CGB	62B0	SEE MTC CKT

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
CIB	5D7	SEE MTC CKT
CKG1	63B0	
CKR	63D0	
CKR1	63F0	
CN	63F5	104D7
CRUO,1,2,4	64G5	
CRU7	64C7	
CSG1,2	64E7	
CTAO	65B2	
CTA1,2	65B2	
CTA4,7	65C2	
CUO,1,2,4,7	65B5	
DO,1,2,4	65H5	
D7	65B7	
DATK	66C0	
DCT	66E0	
DIS	66C2	SEE MTC CKT
DIS1	66D2	
DLTK	66B5	
EO,1,2,4,7	67B2	
ECN	67E2	
EFO,1,2,4,7	6585	
F	67E5	
FO,1,2,4,7	67G5	
FAC	67D7	
FCK	68E0	
FGO	68F0	
FG1	68H0	
FG2	68C2	
FSO-2	68G5	104D7
FS3,4	68B7	104D7
FS5-7	68D7	104D7
FS8,9	68E7	104D7
FS10-14	68F7	104D7
FS15-19	68G5	104D7

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
FS20	6980	104D7
FS21	69C0	104D7
FS22-26	6900	104D7
FS27-29	69E0	104D7
FTO-3	69G0	
FTC	69G2	
FTCK	69H2	
FUO,1,2,4,7	69C7	
FVD	70B2	
GO,1,2,4,7	70E2	
GPA	60C5	
GPB	70D5	
HO,1,2,4,	70F7	
H7	71C0	
HGO,1,2,4,7	71G0	
HMS1	72F0	SEE MTC CKT
HTO,1,2,4,7	72F2	
INC	72C7	
JO,1,2,4	73D0	
J7	73E0	
KO,1,2,4	74G0	
K7	73B2	
L7	74H2	
LB	74C5	34A/D6
LHM	75D5	
LHMT	75E5	
LK2	75F5	
LK3	76B0	SEE MTC CKT
LT	76E2	
LT1	76F2	
LT2	76G2	
LT3	76B5	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
MKT(-)	7E6	104D7
MO1	77C2	SEE MTC CKT
MRL	77G2	
MT1K	77B5	
MT2K	77D5	
MT5	77E5	
MT7K	77C5	
MT8K	77G5	
MT9K	77H5	
MT10K	77B7	
MT12	77B7	
MTL	7C9	72B7
NDT	78H0	SEE MTC CKT
NH	78H5	
NOB	78D7	
OA	79G0	104D7
OB	79B2	104D7
OFF6-9	90F5	SEE MTC CKT
OR	79E5	
OSC	80B0	
OTT	80F2	
OV	80G2	
PCD	80E7	104D7
PCD1	80G7	104D7
PCR	81B0	SEE MTC CKT
PHC	81G0	104D7
PK	81H0	
RA	81G5	SEE MTC CKT
RBT	81G5	
RBT1	81H5	
RC	81B7	
RCT	81C7	
RCT1	81D7	
ROG	83C7	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
RP	83F7	SEE MTC CKT
RSO	84C2	
RS1	84E2	
RSK	84D5	
SO-9	84F7	
SB	85B0	
SBT	85C0	
SCK	85F0	
SRT1	86F0	
TAN	86C7	
TAN1	86D7	
TAN2	86E7	
TAN3	86G7	
TAN4	8780	
TB	87D0	
TBT	87B5	
TBTO-4	72C2	
TBT5-9	72E2	
TBTA	87B5	
TBUO-4	86B5	
TBU5-9	86E5	
TBUA	87C5	
TCA	87E5	
TCB	87G5	
TCC	87H5	104D7
TDCT	8880	
TFO-2	88F0	SEE MTC CKT
TF4,7	88G0	
THC	88D5	104D7
THTO	88G5	
THT1	88C7	
THT2,3	8980	
TI	89C1	
TM	6C0	SEE MTC CKT
TMK	89B5	
TMK1	89C5	
TOL	89E7	
TP	9080	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
TP'	90C0	SEE MTC CKT
TRK	59C0	
TRL	90G0	
TRL1	90G0	
TRL2	90H0	
TS	6G8	72D7
TSO-3	90G2	104D7
TS5	90E5	104D7
TS6-9	90F5	104D7
TS10-12	90B7	104D7
TS13,14	90D7	104D7
TS15	90E7	104D7
TS16-19	90F7	104D7
TSE1	91D0	SEE MTC CKT
TSE2	91E0	SEE MTC CKT
TST	1065	
TT	91C2	
TTO,1,2,4,7	91E2	
TTC	91G2	
TTC1	91H2	
UTO,1,2,4,7	92D0	
VF0	92F0	
VF1-4	92H0	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	
X11	94B0	

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD
2W	59D2	108D0
AO,1,2,4,7	59C7	108D0
ARET1	91F6	108D0
ASK	86G5	108D0
BO,1,2,4,7	60F5	108D0
BT	61C0	108D0
BY	94C5	108D0
CO,1,2,4,7	61D2	108D0
CGA	62B0	108D0
CGB	62B0	108D0
CI	1E/D2	108D0
CIB	5D7	108D0
CIK	67D7	108D0
CKG1	63B0	108D0
CRUO,1,2,4	64G5	108D0
CRU7	64C7	108D0
CSG1	64E7	108D0
CSG2	64E7	108D0
CTAO	65B2	108D0
CTA1,2	65B2	108D0
CTA4,7	65C2	108D0
CUO,1,2,4,7	65B5	108D0
D7	65B7	108D0
DCT	66E0	108D0
DIS	66C2	108D0
DIS1	66D2	108D0
EFO,1,2,4,7	6585	108D0
EXT	67D5	108D0
FM	68E2	108D0

MASTER TEST FRAME CONNECTOR CKT

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AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD
FTO-3	69G0	108D0
FTC	69F2	108D0
FTCK	69H2	108D0
FUO,1,2,4,7	69C7	108D0
HGO,1,2,4,7	71G0	108D0
JSQO	73G7	108D2
KJSQ	74D2	108D2
LHMT	75E5	108D2
LK2	75F7	108D2
LK3	76B0	
LLO	88G5	108D2
LLI	88B7	108D2
LL2	88E7	108D2
LL4	88F7	108D2
LL7	88G7	108D2
LOLL	76G0	108D2
LT	76E2	108D2
MKS	7F5	108D2
MKT(-)	7E5	108D2
MOI	77C2	108D2
MRL	77G2	108D2
MT1K	77C5	108D2
MT4K	77E5	108D2
MT7	77F5	108D2
MT8K	77G5	108D2
MT10K	77B7	108D2
NOB	78D7	108D2
NTB	79E5	108D2
NTH	79D0	108D2
ON	2E1	108D2
OR	79E5	108D2
PK	81H0	108D2

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD
RBT	81G5	108D2
RBTI	81H5	108D2
REP	1E/D2	108D2
RK	72B7	108D2
RP	83F7	108D2
SCK	85F0	108D2
SP	15G3	108D2
SPC	15H3	108D2
STP1	86C2	108D5
STP2	86E2	108D5
STR	3E0	108D5
STRI	3C8	108D5
STR2	3C7	108D5
STRA	3D7	108D5
TB	87D0	108D5
TCH0-4	87D7	108D5
TCH5-9	87E7	108D5
TCHK	87F7	108D5
TDCT	88B0	108D5
TI	89C1	108D5
TM	6B0	108D5
TRB	1488	108D5
TRBI	1488	108D5
TRC	1288	108D5
TRK	59C0	108D5
TRL	90G0	108D5
TRLA	96D2	108D5
TRMF	89E7	108D5
TRST	1E/D2	108D5
TS	6E8	108D5
TSE1	91D0	108D5
TSE2	91D0	108D5
VFO	92F0	108D5
VG4,7	92B7	108D5

BILLING DATA TRANSMITTER (BDT)

DESIG	LOCATION FS	LOCATION CAD
AO	69B4	131B3
A1	69C4	131B3
A2	69D4	131B3
BO,1,2,4	69D9	131B3
B7	92E9	131B3
CO,1,2,4	92E9	131B3
C7	93B1	131B3
CLF	80C1	131B3
DO,1,2,4,7	71B4	131B3
EO,1,2,4,7	92B4	131B3
ENCO,1	80D1	131B3
FO,1,2,4,7	65B6	131B3

BILLING INDEXER (BI)

DESIG	LOCATION FS	LOCATION CAD
2L	81E9	90D5
4L	81F9	90D5
ABX	82B1	90D3
ATO	76F4	90D3
AT1	76G4	90D3
AT2	76B6	90D3
BBFC	76C1	90D3
BI	60H4	
CK	82B1	90D3
ECO-2	88F1	90D3
ITTR	96B1	90D5
MBIO,1,2,4,7	72F4	90D5
MBK	82B4	90D3
OINO,1,2,4,7	64F6	90D5
OITO,1	90D9	90D5
OIT2	90E9	90D5
ORTO,1		
ORUO,1,2,4,7	60E9	90D3
OTK	82G1	90D3
PRL	81D9	90D5
RGO	81B1	90D5
RG1	80E9	90D5
RG2	80F9	90D5
RG4	61H4	90D5
RG7	61B6	90D5
ROP	92C6	90D5
ROP1	82D1	90D3
RSG1	82E1	90D3
RSG2,3	82F1	90D3
TC	82D1	90D3
TRTO,1,2,4	82C7	90D3
TRT7	85E9	90D3
TRUO	68F1	90D3
TRU1	68H1	90D3
TRU2	68C4	90D3
TRU4	67E4	90D3
TRU7	79F4	90D3
TS	88G4	90D3

BILLING INDEXER (BI)

DESIG	LOCATION FS	LOCATION CAD
TTK	82G1	90D3
VTC	82C1	90D3

CALENDER CIRCUIT AND CLOCK (CAC)

DESIG	LOCATION FS	LOCATION CAD
DTO,1,2,4,7	66G9	117C0
DUO,1,2,4,7	67H1	117C0
HTO,1,2,4,7	72G4	117C0
HUO,1,2,4,7	72E6	117C0
MTO,1,2,4,7	77H4	117C0
MUO,1,2,4,7	77D9	117C0

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
AO,1,2,4,7	59B9	
AG	29G/B5	153D1
AIOD	89C4	
BO,1,2,4,7	60E6	
BG	29G/B5	153D1
CO,1,2,4,7	61D4	
CCSP	87F6	
CG	29G/B5	
CGA	83D1	
CGB	83E1	
CGG	29G/B5	153D1
CK	95E6	
CKG	71F4	
CTO,2,4	64B6	
CT1,7	64C6	
CTG	29G/B5	153D1
CUO,1,2	77B1	
CU4,7	77C1	
CUG	29G/B5	153D1
DO,1,2,4	65G5	
D7	65B9	
DG	29G/B5	153D1
DUAL	78B6	
EO,1,2,4,7	67B4	
ECO-2	65C6	
ECTG	29G/B6	153D5
ECUO	65B1	
ECU1	65C1	
ECU2	65E1	
ECU4,7	62B1	
ECUG	29G/B6	153D5
EG	29G/B5	153D1
EVN	92F4	
FO,1,2,4,7	67F6	
FG	29G/B5	153D1
FGO	68F1	
FG1	68G1	
FG2	68B4	

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
FN	71C9	
FNA	71E9	
FNB	71E9	
FNG	29G/B6	153D5
FTO-3	69G1	
FTG	29G/B6	153D5
FUO1,2,4,7	69C9	
FUG	29G/B6	153D5
GO,1,2,4,7	70D4	
GA-GG,GH	29G/B5	153D1
GJ-GL	29G/B5	153D1
GM	29G/B5	
HO,1,2,4	70F9	
H7	71B1	
HG	29G/B5	153D1
HNO-4	72G1	
HN5-9	72D4	
HNG	29G/B6	153D5
HMS1	71C6	
ITR	71H6	
JO,1,2,4	73C1	
J7	73E1	
JG	29G/B5	153D1
KG,1,2,4	74F1	
K7	74B4	
KG	29G/B5	153D1
L7	74G4	
LT	85B4	
LTI	91C4	
LT2	59D1	
LT3	70B4	
MT	72C1	
MTO	83G1	
MT1	83H1	
MTG	29G/B6	153D5
MTK	92D4	
MUO	83B4	
MU1	83C4	
MU2	83D4	
MU4	83E4	
MU7	83E4	
NOB	78D9	
NRDO	81E9	
NRD1	81G9	
NRG	29G/B6	153D5
OBG	29G/B6	153D5
OBS	79C4	
OC	83B1	
ODD	92F4	
OEG	29G/B6	153D5
OFFO-3	90F4	
OFF4	90C6	
OFF5	90E6	
OFF6-9	90G6	
OFFG	29G/B6	153D5
OFTO-2	90B9	
OFTG	29G/B6	153D5
PPSP	87E6	
RCDO	92C6	
RCD1	81D9	
RCG	29G/B6	153D5
RK3	71C6	
SLU	82C4	
SMPA	89F6	
SNG	70G4	

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
SOG	71E6	
SPTO	70B6	
SPT1	92B1	
SPTG	29G/B6	153D5
SPUG	29G/B6	153D5
SPUO	80C9	
SPU1	85E6	
SPU2	63C1	
SPU4	63D1	
SPU7	59G6	
TO-4	86H4	
T5-9	86D6	
TBK	71H4	
TBL	77G9	
TBY	93E6	
TFO-2	88F1	
TF4,7	88G1	
TFTO-2	69E9	
TFTG	29G/B6	153D5
TFUO,1,2,4	92F9	
TFU7	93B1	
TFUG	29G/B6	153D5
TG	29G/B6	153D5
THO,1	78C4	
TH2	78F4	
TH3,4	78G4	
TH5-9	78B6	
THG	29G/B6	153D5
TK	86F4	
TMG	29G/B6	153D5
TM2	85E4	
TNTO,1,2,4,7	71B4	
TNTG	29G/B6	153D5
TNUO,1,2,4,7	92B4	
TNUG	29G/B6	153D5
TRL	96B4	
UO-4	91E9	
U5-9	91G9	
UG	29G/B6	153D5
VGO,1	92E6	
VG2	92G6	
VG4,7	92B9	
VG10	92C9	
VGG	29G/B6	153D5
X11	94B1	

CALL WAITING LINK (CWL)

DESIG	LOCATION FS	LOCATION CAD
CRS	64E6	114B5
HMS	72D1	114B5
SXT	86F4	114B5
XHM	94D9	114B5
XS	96E1	114B5

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
ITR	59B1	86C5
2L	81E9	86B1
2TR	59B4	
4DG	59H4	86B2
4L	81F9	86B0
7DG	71F4	86B2
AO,1,2,4,7	59C9	86C7
A'O	59D9	86G2
A'2	59G9	86G2
AC	71E4	86B2
ACD	60C1	86B2
AD	60E1	86B2
BO,1,2,4,7	60F6	86C7
B'O,1,2,4,7	6G6	86G2
BIO	88H4	86B2
BI1	63C6	86B2
BIRA	92G4	86B2
BY	94B6	86C5
C	61B4	86G2
CO,1,2,4,7	61C4	86C7
C'O,1,2,4,7	61E4	86G2
CCO-3	69D6	86B2
CC4	69F6	86B2
CC5	69G6	86B2
CC6-9	70B1	86B2
CI	1A/C5	86G0
CI1	94D4	86C5
CI1T-CI4T	62B9	86C5
CI2	66B1	86C5
CI3	67D1	86C5
CI4	95C9	86C5
CIFA	95D9	86C5
CIFAT	62C9	86C5
CK	95E1	86C5
CK1	95E6	86A5
CK2	95G4	86A5
CKG	95E4	86C5
CP1,7	64D6	86B2
DO,1,2,4	65H6	86C7
D7	65B9	86C7
D'O,1,2,4,7	65D9	86G2

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
DCT1	66F1	
DIST	66E4	86G7
DNC	66C6	86B2
DS	95B4	86G2
DTK	67F1	86C5
DTKA	67G1	86G2
DTN	96C6	86G2
EO,1,2,4,7	67B4	86F5
E'O,1,2,4,7	67D4	86G2
EXT	94F1	86C5
G	71D6	86B2
GO,1,2,4,7	70E4	86F5
GC	95E4	86C5
HO,1,2,4	70F9	86F5
H7	71B1	86F5
IC	96E1	86C5
ICK	72F6	86G2
IE	92B6	86B2
IR	72C9	86G2
IRY	96D4	86C5
ITTR	96B1	8680
JO,1,2,4	73D1	86F5
J7	73E1	86F5
KO,1,2,4	74G1	86C5
K7	74B4	8CC5
L	83C1	
LCDO,1,2	75F1	86B2
LOO	85C9	86B2
LOI	77B4	86B2
LST	75D6	86B2
MB	9G3	86G0
MBIO,1,2,4,7	72F4	86B0
MC	77D1	86C5,E5
MOA	77D4	66C5
NLOO	72G6	86B2
NLO1	65F6	86B2

MASTER FRAME CONNECTOR CKT

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CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
NMB0	66C9	86B2
NMB1	73B1	86B2
NMF	75E4	86B2
NMK	71C9	86B2
NOB	78D9	86C5
OA0,1,2,4,7	70F4	86B2
OARO-2	66F4	86B2
OBO,1,2,4,7	71D1	86B2
OBS	79D4	86C5
OCO,1,2,4,7	73F1	86B2
OD	79G4	86B2
ODO,1,2,4,7	74D4	86B2
OEO,1,2,4,7	74B6	86B2
OFO	78C1	86B2
OF1	76E9	86B2
OF2	63C4	86B2
OF4	63D4	86B2
OF7	64B9	86B2
OGO,1,2,4	70F6	86B2
OG7	70G6	86B2
OIK	71B9	86B2
OIND,1,2,4,7	64F6	86B0
OITO,1	90D9	86B0
OIT2	90E9	86B0
OP1	94C6	86C5
ORCO	79D1	86B2
ORC1	78C9	86B2
ORC2	71E1	
P	82F6	86G2
P1	95C6	86G2
P2L	72B1	86B2
P4L	92C4	86B2
P5	94B4	86C5
P5L	92E4	86B2
PA	80F6	86G2
PRL	81D9	86B0
PRLK	71E9	36B2
PRLT	81F4	86B2
PT	95B1	86G2
PT1	96G4	86G2
RA1		86F5
RA2		86F5
RA3		86F5
RB	94C9	86C5
RCCK	11F5	86G0
RCI	21A1	86G0
RCY	82E4	
RD	95G6	85G2
RDL	82E4	86G2
REO	86C1	86B2
RE1	77E1	86B2
RGO	81B1	86B0
RG1	80E9	86B0
RG2	80F9	86B0
RG4	61H4	86B0
RG7	61B6	86B0
RGK	71B6	86B2

DESIG	LOCATION FS	LOCATION CAD
RK	86E4	86C5
RL	76B4	86C5,E5
RL1	65D6	86C5,E5
RLA	83C1	86C5
RNO-2	83F4	86F5
RN4,7	83H4	86F5
RNA	21A2	86B0
ROP	92C6	86B0
ROP1	83D9	86B2
RSTO,1	63D9	86A5
RST2-9	64C1	86A5
SC	85D1	86C5
SKO	83D6	86B2
SK1	79F6	86B2
T4L	71G6	86B2
T5L	71E6	86B2
TARO	63B4	86B2
TAR1	63C4	86B2
TAR2	65G1	86B2
TAR3		86B2
TBL	77E9	86G2
TC	60G1	86B2
TC1	1A/C4	
TCT	88B1	86G2
TEA	94C4	86C5
TET	88E1	86C5
TIO,1,2,3	89C1	86B2
TIAO	84B1	86B2
TIA1	84C1	86B2
TIA2	84D1	86B2
TIA3	84E1	86B2
TIC	89D1	86C5
TIK	89E1	86C5
TM	6E5	86F0
TM1	93F9	86G7
TM2	85E4	86G7
TM2T	93F9	86G7
TM3T	85E4	86G7
TOK	94D9	86C5
TR	72E9	86A5,B5
TRA	90E1	86C5
TRB	13C8	86G0
TRIT	66C1	86B2
TRS	90D4	86A5
TRST	1A/C5	86G0
TVA	1A/B4	86G0
TVB	1A/B4	86G0
TVT	11C2	86G0
TVT3(-)	21D2	86G0
TVTA(-)	8E5	86G0

DESIG	LOCATION FS	LOCATION CAD
UK	92B1	86G2
VTC	93B9	86B2
WKC	93D9	86B2
X2P	85E6	86C5
XCK	83D6	86C5
XDS	66F1	
XICK	84D6	86G7
XIN1	67F1	86B2
XIN2	67F9	86B2
XIN3	67G9	86B2
XP	66F1	86C5
XRA	75B4	86B2
XRB	66B4	86C5
XRD	85E6	
XRL	70C9	86C5
XS	82F9	86B2
XT	96E4	86G2
XTKK	80B1	86C5
XU	66D4	86C5

CAMA TRANSBERTER CONNECTOR (CTVC)

DESIG	LOCATION FS	LOCATION CAD
CNO,1	63F6	89E7
CN2	63G6	89E7
CN3	63H6	89E7
CNG	27F3	89D7
FRO	6886	89E7
FRG	27F8	89D7
SO-14	84E9	90A7
SG	28G3	89D7

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
ONN	83D1	
1SE	83E1	
2DT	59E1	74E5,112CO
2L	59F1	74E7,112C4
2L1		74E7,112C4
2LN	59F1	74E7,112F2
2SA	83E1	74E7,112C2
2W	59E4	57CO,74E7, 112B2
2WD	59E4	57CO,74E7, 112B2
2WD1	59F4	57CO,74E7, 112B2
3NA	83F1	74E7,112C2
48	59F4	74E5,112F2
4DG	59G4	74E7,112C2
4NE	83G1	74E7,112C2
4W	59B6	57CO,74E7, 112B2
5DG	59C6	74E7,112C2

DESIG	LOCATION FS	LOCATION CAD
5I	59D6	74E5,112F2
5SI	83B4	74E7,112C2
6NT	83B4	74E7,112C2
7RN	83C4	74E7,112C2
7T	91G1	74E7,112C4
8SP	83D4	74E7,112C4
9NP	83E4	74E7,112C2
11	59E6	74E5,112CO
A	59G6	74E5,112EO
AO,1,2,4,7	59B9	74E5,112CO
A'O	59D9	74E5,112EO
A'1	59E9	74E5,112EO
A'2	59F9	74E5,112EO
A'4,7	60B1	74E5,112EO
ACD	60C1	74E7,112F2
AD	60D1	74E7,112F2
AD'	60E1	74E7,112F2
AG1	64E6	57CO,74E7
AG2	72D1	
AGCK	60F1	74E5,112F2
AIS	60G1	74E7,112F2
AK	60G1	74E5,112EO
AL	6084	74E7,112F2
ALN	85C9	74E5,112F2
ALT	60C4	74E7,112C4
AMA	76B1	74E5,112CO
AN	60C4	74E5,112CO
AOT	60E4	74E7,112C4
ARO,1	60H4	74E5,112CO
AR2,4,7	6086	74E5,112CO
ATT	6609	74E7,112C2
AVK1	6006	74E5,112CO

DESIG	LOCATION FS	LOCATION CAD
BLC	60H6	74E7,112C4
BLDA	6089	74E7,112C4
BLT	6089	74E7,112C4
BN	60C9	74E5,112CO
BRO,1,2,4,7	60E9	74E5,112CO
BRL	6009	57CO,74E7, 112B2
BRT	60F9	57CO,74E7, 112B2
BST	6069	57CO,74E7, 112F2
BT	6181	74E5,112CO
BTT	61D1	74E7
BY	61G1	74E7,112F2
CO,1,2,4,7	61B4	74E5,112CO
C'O,1,2,4,7	61D4	74E5,112EO
CAM	61F4	74E7,112F2
CAMA	61F4	74E7,112F2
CAMF	61G4	74E7,112F2
CAMS	6186	74E7,112F2
CDO,1	6186	57CO,74E7, 112B2
CD2,4,7	61C6	57CO,74E7, 112B2
CD'O,1,2,4,7	61D6	74E5,112GO
CDAO,1,2,4	61E6	57CO,74E7
CDA7	61G6	57CO,74E7
CD#O,1,2,4	61B9	57CO,74E7
CDA'7	61C9	57CO,74E7
CDN	61D9	74E7,112C2
CDNK	61E9	74E7,112C4
CE	61E9	57CO,74E7, 112B2
CE'	61F9	57CO,74E7, 112B2
CGA	6281	74E7,112F2
CGB	6281	74E7,112F2

DESIG	LOCATION FS	LOCATION CAD
CGT	62D1	74E7,112F2
CHO	62F1	74E5,112GO
CH1	62H1	74E5,112GO
CH2	62B4	74E5,112GO
CH3	62D4	74E5,112GO
CH4	62F4	74E5,112GO
CH5	62G4	74E5,112GO
CH6	62B6	74E5,112GO
CH7	62D6	74E5,112GO
CH8	62F6	74E5,112GO
CH9	62G6	74E5,112GO
CHA	6289	74E5,112GO
CI	1D/D6	74D2,111GO
CK	62E9	74E5,112GO
CKG	62F9	74E5,112GO
CKGI	63B1	74E7,112C4
CKO	63C1	74E5,E7, 112EO,F4
CKR	63D1	74E5,E7, 112EO,F4
CKRI	63E1	74E7,112F4
CL1,2,4	63F1	74E5,112CO
CL3	63G1	74E5,112CO
CL5	6384	74E5,112CO
CL6	63C4	74E5,112CO
CL7	63D4	74E5,112CO
CL8	63E4	74E5,112CO
CLG	63E4	74E5,112GO
CLK	87G9	74E5,112GO
CLTH,2	63F4	74E5,112GO
CM	6386	74E7,112F2
CN	63E6	74E5,112GO
CNR	64D4	74E7,112C2
CNS	64E4	74E5,112CO
CNT	64F4	74E5,112F2
CON	64F4	74E7,112F2
CPO,2,4	6486	74E7,112C2
CP1,7	64C6	74E7,112C2

DESIG	LOCATION FS	LOCATION CAD
CR	64D6	74E5,112CO
CRO,1,2,4,7	64F6	74E5,112CO
CRUO,1,2,4	64G6	74E5,112CO
CRU7	64C9	
CSO-29	64C9	74E7,112F2
CSG1	64E9	74E7,112C4
CSG2	64F9	74E7,112C4
CSW	64F9	74E7,112F2
CTO	6581	74E5,112GO
CT1	65D1	74E5,112GO
CT2	65E1	74E5,112GO
CT4,7	65G1	74E5,112GO
CTAO	6584	74E7,112C4
CTA1,2	6584	74E7,112C4
CTA4,7	65C4	74E7,112C4
CTI	65D4	74E7,112C4
CTTO,1,2,4,7	65F4	74E7,112C4
CTUK	65F4	74E5,112GO
CUO,1,2,4,7	6586	74E7,112F2
CUTO,1,2,4,7	65C6	74E7,112C4
CWF	6506	74E5,112CO
CWK	65E6	74E5,112EO
D	65F6	74E7,112F2
DO,1,2,4	6506	74E5,112CO
DQ	6589	74E5,112CO
D'O,1,2,4,7	65C9	74E5,112EO
DAC	65D9	74E5,112F2
DAT	65E9	74E7,112C4

DESIG	LOCATION FS	LOCATION CAD
DATI	66C1	74E7,112C4
DATK	66C1	74E7,112C4,
DCK	65D6	74E5,112CO
DCT	66D1	74E7,112F2
DCT1	66E1	74E5,112GO
DCT2	66G1	74E5,112GO
DCT3	6684	74E7,112F2
DIS	66C4	74E7,112C4
DIS1	66C4	74E7,112F2
DLI-3	66F4	74E5,112CO
DL4,5	66G4	74E5,112CO
DL6	66H4	74E5,112CO
DLT	66B6	74E5,112F2
DLTK	6686	74E7,112C4, 112F2
DNC	66C6	74E7,112F2
DNGA	66D6	74E7,112B2
DNGB	66D6	74E7,112B2
DNGC	66E6	74E7,112B2
DNGD	66E6	57CO,74E7, 112B2
DR	66F6	74E5,112EO
DT4	6781	74E7,T12C4
DT5	6781	74E7,112C4
DT7	6781	74E7,112C4
DTF	67D1	74E5,112F2
DTI	67E1	74E7,112C4
DTK	67E1	74E7,112F2

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1A

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
E0,1,2,4,7	67B4	74E5,112C0	
E'0,1,2,4,7	67C4	74E5,112E0	
ECO-2	88G1		
ECR	67E4	74E7,112C2	
EF	67G4	74E5,112G0	
EG	67H4	74E5,112E0	
EN	67B6	74E5,112E0	
ENI	67B6	57C0,74E7, 112B2	
ESCK	67C6	57C0,74E7, 112B2	
EV	SEE RPL CKT	57C0,74E7, 112B2	
EXB		74E7,112F2	
EXG		74E7,112F2	
EXT	67D6	74E7,112C4	
F	67E6	74E7,112C4	
FO,1,2,4,7	67F6	74E5,112C0	
F'0,1,2,4,7	67G6	74E5,112E0	
FAA	SEE FATC CKT	74E7,112F2	
FAB	SEE FATC CKT	74E7,112F2	
FAC	67C9	74E5,112C0	
FAD	67E9	74E7,112C2	
FAK	67E9	74E5,112C0	
FBK	67F9	74E5,112C0	
FC	68B1	74E7,112F2	
FCG	68B1	74E5,112G0	
FCK	68D1	74E7,112F2	
FGO	68F1	74E5,112C0	
FG1	68G1	74E5,112C0	
FG2	68B4	74E5,112F2	
FK	68D4	74E7,112F2	
FLG	81G4	74E7,112F2	
FM	68D4	74E5,112G0	
FML	68E4	74E5,112G0	
FNA	68F4	74E7,112F2	
FNB	68G4	74E7,112F2	
FSO-2	68G6	74E5,112C0	
FS3,4	68B9		
FS5-7	68C9		
FS8,9	68D9		
FS10-14	68E9		
FS15-19	68F9		
FS20	69B1	74E5,112F2	
FS21	69C1	74E5,112F2	
FS22-26	69D1	74E5,112F2	
FS27-29	69E1	74E5,112F2	
FTO-3	69F1	74E5,112C0	
FT'0	6984	74E5,112G0	
FT'1	69C4	74E5,112G0	
FT'2	69E4	74E5,112G0	
FT'3	69F4	74E5,112G0	
FTC	69F4	74E7,112C4	
FTCK	69G4	74E7,112F2	
FTK1	69B6	74E5,112G0	
FTTO-3	69C6	74E7,112F2	
FTT4	69E6	74E5,112F2	
FTT5	69F6	74E5,112F2	
FU0,1,2,4,7	69B9	74E5,112C0	
FU'0	69D9	74E5,112G0	
FU'1,2,4,7	69D9	74E5,112G0	
FUTO-3	70B1	74E7,112F2	
FUT4	70C1	74E7,112F2	
FUT5-7	70D1	74E7,112F2	
FUT8	70E1	74E7,1,2F2	
FUT9	70H1	74E7,112F2	
FVD	70B4	74E5,112C0	
G	70C4	74E7,112C4	
G0,1,2,4,7	70D4	74E5,112C0	
G'0,1,2,4,7	70F4	74E5,112E0	
GLA	70H4	74E5,112E0	
GLB	70B6	74E5,112E0	
GLH	70B6	74E5,112G0	
GPA	60C6	74E7,112C2	
GPB	70D6	74E7,112C2	
GS1-3	70E6	74E7,112C2	
GS4	70E6	74E1,112C2	
GS5	70G6	74E7,112C2	
GT2	70B9	74E5,112G0	
GT5	70C9	74E5,112G0	
GTL	70D9	74E5,112G0	
H0,1,2,4	70E9	74E5,112C0	
H7	71B1	74E5,112C0	
H'0,1,2,4,7	71C1	74E5,112E0	
HF	71E1	74E7,112F2	
HFA	71F1	74E7,112C2	
HG0,1,2,4,7	71F1	74E5,112C0	
HG'0,1,2,4,7	71B4	74E5,112G0	
HGK	71C4	74E7,112F2	
HGT0	71E4	74E7,112F2	
HGT1	71G4	74E7,112F2	
HGT2	71B6	74E7,112F2	
HGT3	71D6	74E7,112F2	
HGT4	71F6	74E7,112F2	
HGT5	71G6	74E7,112F2	
HGT6	71B9	74E7,112F2	
HGT7	71D9	74E7,112F2	
HGT8	71F9	74E7,112F2	
HGT9	72B1	74E7,112F2	
HMA	SEE RPL CKT	57C0,74E7, 112B2	
HMS1	72E1	74E5,112C0	
HNO-4	72B4	74E5,E7, 112E0,F4	
HN5-9	72D4	74E5,E7, 112E0,F4	
HTO,1,2,4,7	72F4	74E5,112C0	
HTK1	72B6	74E5,112G0	
HTR	72C6	74E7,112F2	
HTUK	72D6	74E5,112E0	
INC	72B9	74E5,112C0	
IRS	72D9	74E7,112C4	
IT	72F9	57C0,74E7, 112B2	
ITR	73B1	74E5,112E0	
J0,1,2,4	73C1	74E5,112C0	
J7	73D1	74E5,112C0	
JCO-4	73B4	74E5,112G0	
JC5-9	73G4	74E5,112G0	
JCK	73D6	74E5,112G0	
JGO	73E6	74E5,112G0	
JG1	73B9	74E5,112G0	
JG2	73C9	74E5,112G0	
JG3	73D9	74E5,112G0	
JG4	73E9	74E5,112G0	
JSQO	73G9	74E7,112C4	
JSQ1-4	74B1	74E7,112C4	
JSQS	74B1	74E7,112C4	
JXP1	74C1	74E5,112G0	
JXPA	74E1	74E5,112E0	
KO,1,2,4	74F1	74E5,112C0	
K7	74B4	74E5,112C0	
K'O,1,2,4,7	74C4	74E5,112E0	
KJSQ	74D4	74E7,112C4	
KM	74E4	74E7,112C4	
LO,1,2,4	74F4	74E5,112D0	
L5D	82D6	74E7,112C2	
L7	74G4	74E5	
L'O,1,2,4,7	74B6	74E5,112E0	
LAN	74C6	74E7,112F4	
LB	74C6	74E5,E7, 112G0,F4	
LCDO,1,2	75F1	74E7,112F2	
LCH	75G1	74E5	
LCK	75B4	74E7,112F2	
LDN	75C4	74E7,112C4	
LDT	75D4	74E7,112F2	
LESI	75E4	57C0,74E7, 112B2	
LESK	75F4	57C0,74E7, 112B2	
LFK	75G4	74E5,112G0	
LFKI	75B6	74E7,112C4	
LHM	75D6	74E7,112C4	
LHMT	75E6	74E7,112C4	
LI	75F6	74E7,112F2	
LIO	75G6	74E7,112C4	
LI1	75B9	74E7,112C4	
LIN	75C9	74E5,112G0	
LK	75D9	74E5,112G0	
LKI	75F9	74E7,112F2	
LK2	75F9	74E7,112C4	
LK3	76B1	74E7,112C4	
LLO	88F6	74E5,112G0	
LLI	88B9	74E5,112G0	
LL2	88D9	74E5,112G0	
LL4	88E9	74E5,112G0	
LL7	88F9	74E5,112G0	
LLE1	76C1	57C0,74E7, 112B2	
LLES	76D1	57C0,74E7, 112B2	
LLI	76D1	74E7,112C4	
LLJ	76E1	74E7,112C4	
LLP	76F1	74E7,112C4	
LLP2	72G6	74E7,112F4	
LOLD	76F1	74E7,112C4	
LOLL	76G1	74E7,112F2	
LOLP	76H1	74E7,112C4	
LPI	91B1	74E7,112C4	
LR	76B4	74E5,112C0	
LRA	72G6	74E7,112C4	
LRI	76C4	74E7,112C4, F2	
LRR	76D4	74E7,112C4	
LRS	76D4	74E7,112C4	
LST	75C6	74E7,112C2	
LT	76E4	74E5,112C0	
LTI	76G4	74E5,112C0	
LT2	76H4	74E5,112C0	
LT3	76B6	74E5,112C0	
LTG	10B0	74D2,111C0	
LVM	76E6	74E7,112C4	
LXPA	76G6	74E5,112G0	
LXPI	76B9	74E5,112G0	
M	76C9	74E7,112F2	
MO,1,2	61F6	74E7,112B2	
M4	61F6	57C0,74E7, 112B2	
M7	61H6,78C1	74E5,112C0	
M'0	61B9	57C0,74E7, 112B2	
M'1,2,4	61B9	74E7,112B2	
M'7	61D9,78D1	74E5,112E0	
MAK1	76E9	74E7,112F2	
MB	11G2	74D2,111G0	
MB0,1,2	77B1	74E7,112C2	
MB4,7	77C1	74E7,112C2	
MCS	77E1	74E7,112F2	
MF	77F1	74E7,112F2	
MIT	6C5	74D2,111G0	
MKA	1D/B6	74D2,111G0	
MKB	1D/B6	74D2,111G0	
MKB1	1D/D7	74H2	
MKT(-)	763	74D2,111G0	
MO1	77C4	74E7,112C4	
MON	77E4	74E5,112C0	
MPP	77F4	74E5,112C0	
MPT	60F1	74E7,112F2	
MRI	65D4	74E7,112C4	
MRL	77F4	74E7,112F2	
MT	363,11B2	74D2,111G0	
MT1K	77B6	74E7,112C4	
MT2K	77D6	74E7,112C4	
MT3K	77D6	74E7,112C4	
MT4K	77E6	74E7,112F2	
MT5	77E6	74E7,112C4	
MT7	77F6	74E7,112C4	
MT7K	77C6	74E5,112G0	
MT8K	77G6	74E7,112C4	
MT9K	77H6	74E7,112C4	
MT10K	77B9	74E7,112C4	
MT12	77B9	74E7,112C4	
MT38K	77C9	74E5,112F2	
MT57	77C9	74E7,112C4	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1A

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
MXT	77F9	74E5,112G0	
N	78B1	57C0,74E7,112B2	
N'2	78D1	74E7,112B2	
NAMA	78D1	74E7	
NDI	78F1	74E5,112G0	
NDK	78G1	74E5,112C0	
NDT	78H1	74E5,112E0	
NE	78B4	74E5,112E0	
NGK	78G6	74E5,112C0	
NGKI	70B6	74E5,112E0	
NH	78G6	74E7,112F2	
NMR	78B9	74E7,112F2	
NN	78B9	74E7,112F2	
NOB	78C9	74E7,112C2	
NOB'	78E9	74E7,112C2	
NOBT	78E9	74E7,112C4	
NOC	78F9	74E5,112G0	
NR	78F9	74E5,112E0	
NSI	79B1	74E5,112G0	
NSO	79B1	74E5,112G0	
NSP	79C1	74E5,112C0	
NT	79C1	74E7,112F2	
NTCW	79D1	117D7	
NTH	79D1	74E7,112C4	
NTT	79E1	74E7,112F2	
NTVB	79F1	117D7	
OA	79F1	74E5,112C0	
OB	79B4	74E5,112C0	
OBS	79C4	74E7,112C2	
OBS'	79D4	74E7,112C2	
OBST	79E4	74E7,112C4	
OCN	79F4	74E7,112C2	
OD	79H4	74E7,112F2	
OD'	79B6	74E7,112F2	
ODD	SEE RPL CKT	57C0,74E7,112B2	
OFH	79C6	74E7,112F2	
OP	79C6	57C0,74E7,112B2	
OPR	79D6	74E5,112E0	
OR	79D6	74E7,112C2	
ORC'0	83E6	74E7,112F2	
ORC'1	79F6	74E7,112F2	
ORC'2	79G6	74E7,112F2	
ORK	82C9		
OS0	79B9	74E5,112C0	
OS1	79C9	74E5,112C0	
OS2	79D9	74E5,112C0	
OS3	79E9	74E5,112C0	
OS4	79F9	74E5,112C0	
OSC	80B1	74E7,112C4	
OSE	80B1	74E7,112C2	
OSG0	80C1	74E5,112C0	
OSG1,2	80E1	74E5,112C0	
OSG3,4	80F1	74E5,112C0	
OSG5	80G1	74E5,112C0	
OSG6-9	80B4	74E5,112C0	
OSG10,11	80C4	74E7,112F2	
OSK	80D4	74E7,112C2	
OST2	80E4	74E5,112G0	
OTT	80E4	74E7,112F2	
OV	80G4	74E7,112F2	
OVFO	SEE RPL CKT	57C0,74E7,112B2	
OVFI	SEE RPL CKT	57C0,74E7,112B2	
OVK	80G4	74E7,112C4	
P0-4	80B6	74E5,112G0	
P5-9	80D6	74E5,112G0	
PA	80E6	74E5,112G0	
PAN	80C6	74E7,112C4	
PB	80H6	74E5,112G0	
PBN	80B9	74E5,112E0	
PBX	80B9	74E7,112C4	
PBX1	80C9	74E7,112C2	
PC	80D9	74E5,112G0	
PCD	80E9	74E5,112C0	
PCD1	80G9	74E5,112C0	
PCR	81B1	74E5,112C0	
PD	81C1	74E5,112C0	
PDK	81D1	74E7,112C4	
PE	81E1	74E5,112F2	
PHC	81F1	74E5,112C0	
PK	81H1	74E5,112C0	
PLL	81B4	74E5,112C0	
PN	81B4	74E5,112E0	
PNR	81C4	74E5,112G0	
POTS	81D4	74E7,112C4	
PR	81E4	74E5,112G0	
PRCY	84B4	74E7,112C2	
PS	81B6	74E5,112C0	
PS1	81C6	74E5,112G0	
PTK	81C6	74E7,112F2	
PTN	81D6	74E5,112E0	
PUL	81E6	74E5,112E0	
R	81F6	74E5,112F2	
RA	81F6	74E7,112F2	
RBT	81G6	74E7,112C4	
RBT1	81H6	74E7,112F2	
RC	81B9	74E7,112C4	
RCCK	11D1	74D2,111G0	
RCK2	81B9	74E7,112F2	
RCK3	81C9	74E5,112G0	
RCT	81C9	74E7,112C4	
RCT1	81D9	74E7,112F2	
RCT2	81E9	74E7,112F2	
RCT3	81F9	74E7,112F2	
RCT4	82B1	74E7,112F2	
RCT5	82C1	74E7,112F2	
RCT6	82C1	74E7,112F2	
RCT7	82D1	74E7,112F2	
RCT8	82E1	74E7,112F2	
RCT9	82E1	74E7,112F2	
RCT10,11	82F1	74E7,112F2	
RCT12	82G1	74E7,112F2	
RCT13	82H1	74E7,112F2	
RCT14	82B4	74E7,112F2	
RCT15	82B4	74E7,112F2	
RCY	82C4	74E5,112G0	
RDR	82E4	74E7,112C4	
RDS	82F4	74E7,112C4	
RE	82G4	74E7,112C4	
RF	82B6	74E5,112G0	
RG	82B6	74E7,112B2	
RI	82E6	74E5,112C0	
RIK		74E7,112C4	
RIP	82H6	74E7,112C4,F2	
RK	82B9	74E5,112G0	
RK2	82D9	74E5,112G0	
RK3	82E9	74E5,112G0	
RL	83B1	74E5,112G0	
RNO-2	82F4	74E7,112C2	
RN4,7	83G4	74E7,112C2	
RNG	83B6	74E5,112E0	
RNK	83B6	74E5,112C0	
RNT2	83C7	74E5,112G0	
RNT'2	83E6	74E7,112F2	
RNT20	83E6	74E5,112G0	
RO	83F6	74E5,112C0	
RO'	8366	74E5,112G0	
ROA	83B9	74E5,112E0	
ROG	83C9	74E7,112C4	
ROH	83C9	74E7,112F2	
RON	12F8	74D2,111G0	
ROT		74E7	
RP	83D9,E9	74E5,112C0	
RPK	84G1	74E5,112E0	
RSO	84D4	74E7,112F2	
RSI	84D4,E4	74E7,112F2	
RS2	84F0	74E7,112F2	
RS3	84G4	74E7,112F2	
RS4	84H4	74E7,112F2	
RS5-8	84B6	74E7,112F2	
RS9	84B6	74E7,112F2	
RSC	84C6	74E5,112G0	
RSK	84E6	74E7,112F2	
RT	84E6	57C0,74E7,112B2	
RTO	SEE RTC CKT	74E7,112C4	
RTI	SEE RTC CKT	74E7,112C4	
RTC	84H6	74E7,112C4	
RTK		74E7,112C4	
RTST	1E/D8	74H2	
RV	84B9	74E5,112E0	
RVI	84C9	74E5,112G0	
RYK	84C9	74E7,112C4	
SO-9	84F9	74E7,112C4	
SAE	85B1	74E5,112E0	
SB	85B1	74E7,112C4	
SBT	85C1	74E7,112C4	
SC	85C1	74E7,112C2	
SCB	85D1	74E7,112F2	
SCK	85E1	74E5,112C0	
SCN	85F1	74E5,112C0	
SDT	85D4	74E7,112F2	
SEF	85F4	74E5,112F2	
SF	85G4	74E5,112G0	
SG		74E5,112E0	
SIA	85B6	74E7,112C4	
SIB	85B6	74E7,112C4	
SL	85D6	74E7,112F2	
SLCK	85D6	74E7,112C2	
SLK1	85E6	74E5,112G0	
SLK2	85F6	74E5,112G0	
SMP	85E9	74E5,112C0	
SNG	70H4	74E5,112E0	
SNK	85B9	74E5,112G0	
SOG	85D9	74E5,112E0	
SON	85E9	74E7,112C2	
SP	15A3,B3	74H2	
SPC	15B3,C3	74H2	
SPL	86B1	74E5,112C0	
SQA	86D1	74E5,112G0	
SR1	86E1	57C0,74E7	
SR2	88B6	57C0,74E7	
SR3	88B6	57C0,74E7	
SRK	86E1	74E7,112F2	
SRT	66E9	74E5,E7,112C4,G0	
SSA	86G1	74E7,112C2	
SSB	86G1	74E7,112C2	
STP1	86C4	74E7,112F2	
STP2	86D4	112F2	
SC	86G4	74E5,112F2	
SCB			
SCK			
SCN			
SDT			
SEF			
SF			
SG			
SIA			
SIB			
SL			
SLCK			
SLK1			
SLK2			
SMP			
SNG			
SNK			
SOG			
SON			
SP			
SPC			
SPL			
SQA			
SR1			
SR2			
SR3			
SRK			
SRT			
SSA			
SSB			
STP1			
STP2			
T			
TAN	86G6	74E5,112C0	
TANO	86B9	74E5,112C0	
TANI	86C9	74E5,112C0	
TAN2	86E9	74E5,112C0	
TAN3	86F9	74E5,112C0	
TAN4	87B1	74E5,112C0	
TAN5	87D1	74E7,112F2	
TAR2	87D1		
TB	87D1	74E7,112C4	
TBO	87E1	74E5,112G0	
TB1,2	87F1	74E5,112G0	
TB3,4	87H1	74E5,112G0	
TB5	87B4	74E5,112G0	
TB6,7	87C4	57C0,74E7,112B2	
TB8,9	87C4	57C0,74E7,112B2	
TBH	87D4	74E7,112F2	
TBI	87D4	74E5,112C0	
TBK	87E4	74E5,112G0	
TBS0,1	87G4	74E7,112C4	
TBS2,3	87G4	74E7,112C4	
TBT	87H4	74E7,112C4	
TBTA	87B6	74E7,112F4	
TBUA	87B6	74E7,112F4	
TC	87C6	74E5,112C0	
TCA	87E6	74E5,112C0	
TCB	87G6	74E5,112C0	
TCC	87H6	74E5,112C0	
TCGA	87B9	74E5,112C0	
TCGB	87C9	74E5,112C0	
TCH	87C9	74E5,112G0	
TCH0-4	87D9	74E7,112C4	
TCH5-9	87E9	74E7,112C4	
TCHK	87F9	74E7,112F2	
TCK1	88B1	74E7,112F2	
TDCT	88C1	74E7,112C4	
TER	88C1	74E5,112E0	
TES1	88D1	57C0,74E7,112B2	
TESK	88E1	57C0,74E7,112B2	
TFO-2	88F1	74E5,112C0	
TF4,7	88G1	74E5,112C0	
TFA	SEE FATC CKT	74E7,112C4	
TG0,1	8884	74E5,112G0	
TG2-4	88C4	74E5,112G0	
TG5	88D4	74E5,112G0	
TG6-9	88E4	74E5,112G0	
TG10-14	88F4	74E5,112G0	
TG15-19	88F4	74E5,112G0	
TGT	72E9	74E5,112G0	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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SL25

LEAD INDEX FOR TABLE IA

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
TH'0,1	88G4	74E7,112F2
TH'2	88B6	74E7,112C4
TH'3	88C6	74E7,112C4
THC	~~88C6~~	74E5,112C0
THT0	88G6	74E5,112C0
THT1	88C9	74E5,112C0
THT2,3	89B1	74E7,112C4
TIN	89F1	74E5,112G0
TIR	89F1,G1	74E7,112C4, F2
TK	89B4	74E5,112G0
TKT	89D4	74E7,112C4
TLE1	89D4	57C0,74E7, 112B2
TLES	89E4	57C0,74E7, 112B2
TLH	89E4	74E7,112F2
TLT	89F4	74E5,112F2
TM	89G4	74E7,112F2
TMK	89B6	74E7,112F2
TMK1	89B6	74E7,112F2
TN	89C6	74E5,112E0
TNK	89D6	74E7,112F2
TOB	89F6	74E7,112F2
TOBS	89C9	74E7,112F2
TOG	89C9	74E5,112E0
TOL	89E9	74E5,112C0
TOSO-4	90B1	74E7,112C4
TP	90B1	74E5,112C0
TP'	90C1	74E7,112F2
TR1	90D1	74E7,112C4
TR2	59C4	74E7,112F2
TRB	13C4	74D2,111G0
TRF	86C1	74E7,112C2
TRK	59C1	74E7,112F2
TRL	90E1	74E7,112F2
TRL1	90G1	74E7,112C4
TRL2	90H1	74E7,112F2
TRN	90B4	74E5,112E0
TRR	90B4	74E7,112C4
TRS	90C4	74E7,112F2
TRST	1D/D6	74D2,111G0
TRT	90E4	74E7,112C4
TSO-3	90G4	74E5,112G0
TS4	90B6	74E5,112G0
TS5	90D6	74E5,112G0
TS6-9	90F6	74E5,112G0
TS10-12	90B9	74E5,112G0
TS13,14	90C9	74E5,112G0
TS15	90E9	74E5,112G0
TS16-19	90F9	74E5,112G0
TSC5	89E9	74E5,112C0
TSE	91C1	74E7,112F2
TSE1	91D1	74E7,112C4
TSE2	91D1	74E7,112C4
TSK	SEE TLC CKT	74E7,112C4
TSR	86F6	74E5,112E0
TST	91B4	74E5,112C0
TSTL	91B4	74E7,112C4
TT	91C4	74E5,112C0
TTO,1,2,4,7	91F4	74E5,112C0
TTC	91G4	74E7,112C4
TTC1	91H4	74E7,112C4
TTF	91B6	74E5,112C0
TTK	91C6	74E5,112G0
TTT	91D6	74E7,112C4
TVT	78E1	74E7,112C2
TWT	65E6	74E5,112E0
U0-4	91E9	74E5,112E0
U5-9	91G9	74E5,112E0
UK	92B1	74E5,112E0
UKA	92C1	117C7
UTO,1,2,4,7	92E1	74E5,112C0
VFO	92E1	74E5,112C0
VF1-4	92G1	74E5,112C0
VF'0-4	92B4	74E5,112G0
VFTO	92C4	74E7,112F2
VFT1	92E4	74E7,112F2
VFT2	92G4	74E7,112F2
VFT3	92B6	74E7,112F2
VFT4	92C6	74E7,112F2
VG0,1	92E6	74E5,112C0
VG2	92F6	74E5,112C0
VG4,7	92B9	74E5,112C0
VG10	92C9	74E5,112C0
VG'10	93B1	74E5,112G0
VGT0	93D1	74E7,112F2
VGT1	93E1	74E7,112F2
VGT2	93G1	74E7,112F2
VGT3	93B4	74E7,112F2
VGT4	93C4	74E7,112F2
VGT5	93D4	74E7,112F2
VGT6	93F4	74E7,112F2
VGT7	93H4	74E7,112F2
VGT8	93B6	74E7,112F2
VGT9	93D6	74E7,112F2
VGT10	93F6	74E7,112F2
VGT11	93G6	74E7,112F2
VTC	93B9	74E7,112F2
VTK1	93C9	74E5,112G0
WKC	93E9	74E7
WT	93E9	74E7,112F2
XII	94B1	74E5,112C0
XAB	77E9	74E5,112G0
XAN	94C1	74E5,112C0
XBRL	94D1	57C0,74E7, 112B2
XBT	94E1	74E5,112G0
XCE	94F1	57C0,74E7, 112B2
XCH	94G1	74E5,112G0
XCKR	94B4	74E5,112G0
XCL	94C4	74E5,112G0
XCLC	94E4	74E5,112G0
XCP	94E4	74E5,112G0
XCR	94F4	74E5,112G0
XCS	94G4	74E5,112GG
XCW	94B6	74E5,112G0
XDL	94C6	74E5,112G0
XF	94D6	74E5,112G0
XFT	94E6	74E5,112F2
XFUT	94F6	74E5,112G0
XHG	94G6	74E5,112G0
XHGI		74E7,112C4
XHGA		74E7,112C4
XI	94E9	74E7,112C4
XJC	95C1	74E5,112G0
XJG	95D1	74E5,112G0
XJS	95E1	74E5,112G0
XL		74E7,112C4
XLC	95C4	74E5,112G0
XLF	95D4	74E7,112C4
XLG	95E4	74E5,112G0
XLH	95G4	74E5,112G0
XLO	95B6	74E5,112G0
XLR	95C6	74E5,112G0
XLS	95E6	74E5,112G0
XLV	95G6	74E5,112G0
XMB	94B9	
XMRL	95B9	74E5,112G0
XN	95D9	74E5,112G0
XOB	95G1	74E5,112G0
XPG	95D9	74E5,112G0
XPT	95F9	74E5,112G0
XRL	96B1	74E5,112G0
XRS	96C1	74E5,112G0
XRSI	96D1	74E5,112G0
XS	96E1	74E5,112G0
XSA	94D9	74E5,112G0
XSC	96G1	74E5,112E0
XSL	96C4	74E5,112G0
XSS	86E4	74E5,112G0
XT	96D4	74E5,112G0
XT5	96F4	74E5,112G0
XTB	82G6	74E5,112G0
XTB1	96G4	74E5,112G0
XTG	60D4	74E5,112G0
XTG1	96C6	74E5,112G0
XTRK	96E6	74E5,112G0
XTRL	96F6	74E5,112G0
XTS	96G6	74E5,112G0
XTS1	96C9	74E5,112G0
XTV	94F9	74E5,112G0
XVGB	94B6	74E5,112G0

COMPUTER LINE VERIFICATION ACCESS (CLVA)		
1TR	59D0	SEE MTC CKT
2W	59E2	
2WT	84G0	SEE MTC CKT
4DG	59H2	SEE MTC CKT
4W	59B5	
4WT	84F0	SEE MTC CKT
BN	60D7	SEE MTC CKT
CIB	5C7	SEE MTC CKT
CK	62E7	130C0
CKG	95F2	SEE MTC CKT
CKGI	63B0	SEE MTC CKT
CSO-29	64D7	SEE MTC CKT
CSGI	64E7	SEE MTC CKT
CU'4,7	77C0	
DCK	65D5	130C0
FLG	81G2	130C0
FNA	68H2	
FNB	68H2	
FTO-3	69G0	
FTT0-3	69D5	
FTT4	69F5	
FTT5	69G5	
FU0,1,2,4,7	69C7	
FUT0-3	70B0	
FUT4	70D0	
FUT5-7	70D0	
FUT8	70E0	SEE MTC CKT
FUT9	70G0	
HG0,1,2,4,7	71G0	
HGT0	71F2	
HGT1	71H2	
HGT2	71C5	
HGT3		
HGT4	71F5	
HGT5	71H5	
HGT6	71C7	
HGT7	71E7	
HGT8	71F7	
HGT9	72C0	
HN0-4	72G0	
HN5-9	72D2	
HTUK	72E5	130C0
LFK	75G2	130C0
LHM	75D5	
LLI	76D0	SEE MTC CKT
LOLL	76G0	SEE MTC CKT
LTP	1A/C5	
LVP	1E/D3	
MB4,7	77C0	SEE MTC CKT
MC	77D0	SEE MTC CKT
MC0,1	77B5	130C0
MKS	7F7	
MKT0,1	7E7	
MLV	60C1	
MOA	77D2	
MTIK	77C5	
NGK	78G5	
NH	78H5	
NOB	78D7	
NSP	89B7	
ODT	79H2	
OF	95B7	
OFF0-3	90F2	
OFF4	90C5	
OFF5	90D5	
OFF6-9	90G5	
OFT0-2	90C7	
POTS	81D2	130C0
PTK	81D5	
RI	82E5	
RN4,7	83G2	
RNG	83B5	130C0
RNT0	79H2	130C0
RPT	70G0	SEE MTC CKT
SO-9	84F7	SEE MTC CKT
SON	85E7	130C0
SPL	86B0	
TO-4	86H2	
T5-9	86D5	
TBI	87E2	
TBS0,1	87F2	130C0
TBS2,3	87G2	130C0
TBT0-4	72B2	130C0
TBT5-9	72E2	130C0
TBU0-4	86B5	130C0
TBU5-9	86D5	130C0
TH0,1	78C2	
TH2	78E2	
TH3,4	78G2	
TH5-9	78B5	
TIK	89E0	
TLV	60C1	
TM	6D0	SEE MTC CKT
TNK	89D5	130C0
TPT	70E0	
TR	72E7	
TRA	90E0	
TRK	59D0	SEE MTC CKT
TRL	90G0	
TRR		
TS	6C8	
TS0,1	11A2	130C0
TSL	91F0	
TVS	8F6	
TVT0,1	8E6	
U0-4	91D7	
U5-9	91F7	
UN0-4	91E7	130C0
UN5-9	91G7	130C0
VFO	92F0	
VF1-4	92H0	
VFT0	92D2	
VFT1	92F2	
VFT2	92H2	
VFT3	92C5	
VFT4	92D5	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	SEE MTC CKT
VGT0	93D0	
VGT1	93F0	
VGT2	93G0	
VGT3	93B2	
VGT4	93D2	
VGT5	93E2	
VGT6	93G2	
VGT7	93H2	
VGT8	93C5	
VGT9	93D5	
VGT10	93F5	
VGT11	93H5	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	98B

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DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
2P	87F6	83B0,112F6
4DG	59G4	83C3,112B6
5DG	59C6	83C3,112B6
AC8	60B1	83B0,112F6
AOT	60E4	83B0,112F6
BRT	60F9	83C3,112G8
BT	61B1	83C3,112B6
BTT	61C1	83C3,112G8
CGA	62B1	83C3,112B6
CGB	62C1	83C3,112B6
CGC	62C1	83C3,112B6
CH0	62G1	83B0,112F6
CH1	62H1	83B0,112F6
CH2	62C4	83B0,112F6
CH3	62D4	83B0,112F6
CH4	62F4	83B0,112F6
CH5	62H4	83B0,112F6
CH6	62C6	83B0,112F6
CH7	62D6	83B0,112F6
CH8	62F6	83B0,112F6
CH9	62H6	83B0,112F6
CHA	62B9	83B0,112F6
CI	1D/D0,D3	83E0,111G5
CK	62E9	83B0,112F6
CKG	62F9	83B0,112F6
CKG2	63B1	83C3,112G8
CN	63F6	83B0,112F6
CON	64F4	83C3,112B6
CRU0,1,2,4	64G6	83E3,112F6
CRU7	64B9	83E3,112F6
CSO-29	64C9	83C3,112B6
CSG1	64E9	83C3,112G8
CSG2	64E9	83C3,112G8
CT0	65B1	83B0,112F6
CT1	65D1	83B0,112F6
CT2	65F1	83B0,112F6
CT4,7	87D1	83B0,112F6
CU0,1,2,4,7	65B6	83C3,112B6
CWF	65D6	83B0,112F6
CWK	65E6	83B0,112F6
D	65F6	83C3,112B6
DAT1	66B1	83B0,112F6
DCT	66D1	83C3,112B6
DCT1	66F1	83B0,112F6
DIS	66C4	83C3,112G8
DIS1	66D4	83C3,112B6
DTK	67E1	83C3,112B6
EF	67G4	83B0,112F6
EXB	25D2,F2	83C3,112B6
EXG	25D2,F2	83C3,112B6
EXT	67D6	83C3,112G8
FAK	67E9	83E3,112F6
FCG	68C1	83B0,112F6
FCK	68E1	83C3,112B6
FM	68E4	83B0,112F6
FML	68F4	83B0,112F6
FSO-2	68G6	83F3,112F6
FS3,4	68B9	83F3,112F6
FS5-7	68D9	83E3,112F6
FS8,9	68E9	83E3,112F6
FSI0-14	68F9	83F3,112F6
FSI5-19	68G9	83E3,112F6
FS20	69B1	83E3,112D6
FS21	69C1	83E3,112D6
FS22-26	69D1	83E3,112D6
FS27-29	69E1	83E3,112D6
FTO-3	69F1	83E3,112F6
FT'O	69B4	83B0,112F6
FT'1	69D4	83B0,112F6
FT'2	69E4	83B0,112F6
FT'3	69F4	83B0,112F6
FTC	69G4	83C3,112G8
FTCK	69H4	83C3,112B6
FTK1	69B6	83B0,112F6
FTT0-3	69C6	83C3,112B6
FTT4	69E6	83E3,112D6
FTT5	69F6	83E3,112D6
FUO,1,2,4,7	69B9	83F3,112F6
FU'O,1,2,4,7	69E9	83B0,112F6
FUTO-3	70B1	83C3,112B6
FUT4	70C1	83C3,112B6
FUT5-7	70D1	83C3,112B6
FUT8	70F1	83C3,112B6
FUT9	70H1	83C3,112B6
G	70D4	83C3,112G8
GLH	70C6	83B0,112F6
GT2	70B9	83B0,112F6
GTL	70E9	83B0,112F6
HG'0,1,2,4,7	71C4	83B0,112F6
HGK	71D4	83C3,112B6
HGTO	71E4	83C3,112B6
HGT1	71G4	83C3,112B6
HGT2	71B6	83C3,112B6
HGT3	71D6	83C3,112B6
HGT4	71F6	83C3,112B6
HGT5	71G6	83C3,112B6
HGT6	71B9	83C3,112B6
HGT7	71D9	83C3,112B6
HGT8	71F9	83C3,112B6
HGT9	72B1	83C3,112B6
HMS1	72E1	83E3,112F6
HTK1	72B6	83B0,112F6
HTR	72D6	83C3,112B6
JCO-4	73B4	83B0,112F6
JC5-9	73G4	83B0,112F6
JCK	73E6	83B0,112F6
JGO	73E6	83B0,112F6
JG1	73B9	83B0,112F6
JG2	73C9	83B0,112F6
JG3	73D9	83B0,112F6
JG4	73F9	83B0,112F6
JSQO	73G9	83C3,112G8
JSO1-4	74B1	83C3,112G8
JSQ5	74C1	83C3,112G8
JXP1	74C1	83B0,112F6
JXPA	74E1	83B0,112F6
KJSQ	74D4	83C3,112G8
LCK	75B4	83C3
LDT	75D4	83C3,112B6
LFK	75G4	83B0,112F6
LHM	75E6	83C3,112G8
LHMT	75E6	83C3,112G8
LK	75D9	83B0,112F6
LK2	75G9	83C3,112G8
LK3	76B1	83C3,112G8
LLO	88F6	83B0,112F6
LL1	88B9	83B0,112F6
LL2	88D9	83B0,112F6
LL4	88F9	83B0,112F6
LL7	88G9	83B0,112F6
LLJ	76E1	83C3,112G8
LOLL	76G1	83B0,112F6
LXPA	76G6	83B0,112F6
LXPI	76B9	83B0,112F6
M	76D9	83C3,112B6
MAK1	76F9	83C3,112B6
MAN	87D6	83B0,112F6
MB	11G2	83E0,111G5
MF	77F1	83C3,112B6
MG	SEE LLMC, TLLMC CKT	83E0,111G5
MIT	6C5	83E0,111G5
MKA	1D/B0,B2	83E0,111G5
MKB	1D/B1,B2	83E0,111G5
MLF	77B4	83C3,112B6
MLFA	77C4	83C3,112G8
MO1	77C4	83C3,112G8
MRL	77F4	83C3,112B6
MT	11B2	83E0,111G5
MT2K	77D6	83C3,112G8
MT3K	77E6	83C3,112G8
MT5	77F6	83C3,112G8
MT7	77G6	83C3,112G8
MT8K	77G6	83C3,112G8
MT9K	77H6	83C3,112G8
MXT	77F9	83B0,112F6
NC	78E1	83E3,112F6
NTH	79E1	83C1,112G8
OBS1	89B9	83C3,112B6
OBS2	89F6	83C3,112B6
OC1	79E4	83C3,112G8
PO-4	80C6	83B0,112F6
P5-9	80D6	83B0,112F6
PA	80E6	83B0,112F6
PB	80H6	83B0,112F6
PBX	60F4	83E3,112F6
PC	80D9	83B0,112F6
PE	81E1	83E1,112D6
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PR	81E4	83B0,112F6
RA	81F6	83C3,112B6
RC	81B9	83C3,112G8
RCCK	11D5	83E0,111G5
RCY	82D4	83B0,C3, 112F6,G8
RF	82B6	83B0,112F6
RK	82B9	83B0,112F6
RK1	82C9	83B0,112F6
RK2	82E9	83B0,112F6
RK3	82F9	83B0,112F6
ROA	83B9	83E3,112F6
RON	12F8	83E0,111G5
RTO	84F6	83C3,112G8
RTI	84G6	83C3,112G8
RT2	84G6	83C3,112G8
RT3	84G6	83C3,112G8
SDT	85D4	83C3,112B6
SEF	85G4	83B0,F3, 112F6,D6
SF	85H4	83B0,112F6
SL	85D6	83C3,112B6
SNK	85B9	83B0,112F6
SQA	86D1	83B0,112F6
STP1	86C4	83C3,112B6
STP2	86D4	83C3,112B6
TB	87D1	83C3,112G8
TBO	87E1	83B0,112F6
TBK	87F4	83B0,112F6
TBT	87H4	83C3,112G8
TC1	87C6	83C3,112B6
TCHO-4	87D9	83C3,112G8
TCH5-9	87E9	83C3,112G8
TCHK	87F9	83C3,112B6
TDCT	88C1	83C3,112G8
TGO,1	88B4	83B0,112F6
TG2-4	88C4	83B0,112F6
TG5	88D4	83B0,112F6
THGTO-4	88E6	83C3,112G8
THGT5-9	88E6	83C3,112G8
TK	89B4	83B0,112F6
TLH	89E4	83C3,112F6
TM	89G4	83C3,112F6
TR1	90D1	83C3,112G8
TR2	59C4	83C3,112B6
TRB	13D4	83E0,111G5
TRK	59C1	83C3,112B6
TRL	90F1	83C3,112B6
TRR	90B4	83C3,112G8
TRS	90C4	83C3,112B6
TRST	1D/D0,D2	83E0,111G5
TRT	90E4	83C3,112G8
TSO-3	90G4	83B0,112F6
TS4	90C6	83B0,112F6
TS5	90E6	83B0,112F6
TS6-9	90F6	83B0,112F6
TSE	91C1	83C3,112B6
TSE1	91D1	83C3,112G8
TSE2	91E1	83C3,112G8
TSK	SEE TLC CKT	83C3,112G8
TSM	91G1	83C3,112G8
TTF	91B6	83B0,E3
TTT	91D6	83C3,112G8
TVFTO-4	91B9	83C3,112G8
TVGTO-4	91B9	83C0,112G8
TVGT5-9	91B9	83C0,112G8
TVGT10,11	91C9	83C0,112G8
VF'O-4	92C4	83B0,112F6
VFTO	92D4	83C3,112B6
VFT1	92E4	83C3,112B6
VFT2	92G4	83C3,112B6
VFT3	92B6	83C3,112B6
VFT4	92D6	83C3,112B6
VG'O,1,2,4,7	92E9	83B0,112F6
VG'10	93C1	83B0,112F6
VGA	93C1	83C3,112G8
VGTO	93D1	83C3,112B6
VGT1	93E1	83C3,112B6
VGT2	93G1	83C3,112B6
VGT3	93B4	83C3,112B6
VGT4	93D4	83C3,112B6
VGT5	93E4	83C3,112B6
VGT6	93G4	83C3,112B6
VGT7	93H4	83C3,112B6
VGT8	93C6	83C3,112B6
VGT9	93D6	83B0,112F6
VGT10	93F6	83C3,112B6
VGT11	93H6	83C3,112B6
VTK1	93C9	83B0,112F6
WT	93F9	83C3,112B6
XBT	94E1	83B0,112F6
XCH	94G1	83B0,112F6
XCL	94C4	83B0,112F6
XCS	94H4	83B0,112F6
XCW	94B6	83B0,112F6
XF	94E6	83B0,112F6
XHG	94H6	83B0,112F6
XJC	95C1	83B0,112F6
XJG	95D1	83B0,112F6
XJS	95F1	83B0,112F6
XLC	95C4	83B0,112F6
XLG	95F4	83B0,112F6
XLH	95H4	83B0,112F6
XLR	95D6	83B0,112F6
XLS	95F6	83B0,112F6
XLV	95H6	83B0,112F6
XPG	95E9	83B0,112F6
XSL	96C4	83B0,112F6
XTC	75G6	83B0,112F6
XTCI	75B9	83B0,112F6
XTGI	96C6	83B0,112F6
XTRK	96E6	83B0,112F6
XTRL	96F6	83B0,112F6
XTS	96H6	83B0,112F6
XTSI	96C9	83B0,112F6
XVGA	94C9	83B0,112F6
XVGB	94B6	83B0,112F6

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
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LEAD INDEX FOR TABLE IA

DIRECT ACCESS PRETRANSLATOR CONNECTOR (DAPC)

DESIG	LOCATION FS	LOCATION CAD
DAC0	78B4	80B/F3
DAC1	78B4	80B/E3
DAC2	78D4	80B/E3
DACA	78C6	80B/F3
DACB	78D6	80B/F3
NG	11F8	74B2,111G0
NG1	11F8	74B2,111G0

DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)

DESIG	LOCATION FS	LOCATION CAD
4DG	59H2	
A0,1,2,4,7	59C9	
ACD	60C1	
AD	60E1	
B0,1,2,4,7	60F6	
C0,1,2,4,7	61C4	
CP1,7	64D6	
D0,1,2,4	65H6	
D7	65B9	
DNC	66C9	
E0,1,2,4,7	67B4	
F0,1,2,4,7	67F6	
FC	68B1	
G0,1,2,4,7	70E4	
H0,1,2,4	70F9	
H7	71B1	
HT0,1,2,4,7	72F4	
J0,1,2,4	73D1	
J7	73E1	
K0,1,2,4	74G1	
K7	74B4	
LC0,1,2	75F1	
LST	75D6	
NOB	78D9	
OA0,1,2,4,7	70F4	
OB0,1,2,4,7	71D1	
OBS	79D4	
OC0,1,2,4,7	73F1	
OD	79G4	
OD0,1,2,4,7	74D4	
OE0,1,2,4,7	74B6	
OF0	78C1	
OF1	76E9	
OF2	63C4	
OF4	63D4	
OF7	64B9	
OG0,1,2,4	70F6	

DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)

DESIG	LOCATION FS	LOCATION CAD
OG7	70G6	
ORC0	79D1	
ORC2	71E1	
PRLK	71E9	
PRLT	81F4	
ROPT	83D9	
SK0	83D6	
SK1	79F6	
THT0	88G6	
THT1	88C9	
THT2,3	89B1	
TI0,1,2,3	89C1	
TRS	90D4	
TT0,1,2,4,7	91F4	
UT0,1,2,4,7	92D1	
VTC	93B9	
WKC	93D9	

DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)

DESIG	LOCATION FS	LOCATION CAD
1TR	59B1	55A7,86C5, 121A/A0
2TR	59B4	55A7,86C5, 121A/A0
A0,1,2,4,7	59C9	55A1,86D7, 121A/B3
B0,1,2,4,7	60F6	55A1,86D7, 121A/B3
C0,1,2,4,7	61D4	55A1,86D7, 121A/D3
D0,1,2,4	65H6	55A1,86D7, 121A/D3
D7	65C9	55A1,86D7, 121A/D3
E0,1,2,4,7	67C4	55A1,86G5, 121A/D3
F0,1,2,4,7	67F6	55A1,86G5, 121A/D3
FG0	68F0	131B0
FG1	68H0	131B0
FG2	68C2	131B0
FT0-3	69G1	55H3,86D2, 121A/F3
FU0,1,2,4,7	69B9	55A7,86D2, 121A/F3
G0,1,2,4,7	70E4	55A1,86G5, 121A/A0,F0

DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)

DESIG	LOCATION FS	LOCATION CAD
H7	71C1	55A1,86G5, 121A/A0,F0
HG0,1,2,4,7	71G1	55A7
KAMA	77C9	
KM	74E4	
MT12	77B9	
RP	70G1	86D2, 121A/F3
RPT		131B0
SW0,1,2,4,7	71G1	55A7, 121A/F3
TF0-2	88F0	131B0
TF4,7	88G0	131B0
TP	70E1	121A/F3
TPT		55A7
TRIT		55A7
TRP		131B0
TRS	90D4	55A7,86A5, 121A/A0
VF0	92F1	55A7, 121A/F3
VF1-4	92G1	55A7, 121A/F3
VG0,1	92E6	55H3,86D2, 121A/F3
VG2	92G6	55H3,86D2, 121A/F3
VG4,7	92B4	55H3,86D2, 121A/F3
VG10	92D9	55H3,86D2, 121A/F3

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
ITR	59D0	
2LN	59G0	
2W	59E2	
2WT	84G0	
4JG	59H2	
4W	59B5	
4WT	84F0	
BLDA	60B7	130G0
BLT	60C7	130G0
BN	60D7	
BY	61H0	
CH2	76F0	
CIB	5C7	
CK	62E7	130D0
CKG	95F2	
CKGI	63B0	
CKO	63C0	
CLF	80C0	

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
CS0-29	64D7	
CSG1	64E7	
CTI	65D2	
CU'4,7	77C0	
DAT	65E7	
DCK	65D5	130D0
DRA0	89C7	
EN	67B5	130G0
ENC0,1	80D0	
FLG	81G2	130D0
FNA	68G2	
FNB	68H2	
FT0-3	69G0	
FTT0-3	69D5	
FTT4	69F5	
FTT5	69G5	
FU0,1,2,4,7	69C7	
FUT0-3	70B0	
FUT4	70D0	
FUT5-7	70D0	
FUT8	70E0	
FUT9	70G0	
GC	95E2	
HG0,1,2,4,7	71G0	
HGT0	71F2	
HGT1	71H2	
HGT2	71C5	
HGT3	71E5	
HGT4	71F5	
HGT5	71H5	
HGT6	71C7	
HGT7	71E7	
HGT8	71F7	
HGT9	72C0	
HN0-4	72G0	
HN5-9	72D2	
HTUK	72E5	130D0
KM	74E2	130G0
LDN	75C2	
LFK	75G2	130D0
LHM	75D5	
LIN	75C7	130G0
LLI	76D0	
LLP	76F0	
LOLL	76G0	
LTP	1A/C5	
LVP	1E/D3	

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
MB4,7	77C0	
MC	77D0	
MC0,1	77B5	
MKS	7F7	
MKT0	7E7	
MKT1	7E7	
MLV	60C1	
MOA	77D2	
MRI	65D2	
MT1K	77B5	
MTRB	65D2	
NGK	78G5	
NH	78H5	
NN	78C7	
NOB	78D7	
NSP	89B7	
ODT	79H2	
OF	95B7	
OFF0-3	90F2	
OFF4	90C5	
OFF5	90E5	
OFF6-9	90G5	
OFT0-2	90C7	
OSG0	80C0	
OSG1,2	80D0	
OSG3,4	80F0	
OSG5	80G0	
OSG6-9	80B2	
OSG10,11	80C2	
PAN	80G5	
PN	81B2	130G0
POTS	81D2	130D0
PTK	81D5	130G0
PTN	81D5	130G0
RCT1	81D7	
RI	82E5	
RIP	82H5	
RN4,7	83G2	
RNG	83B5	130D0
RNT0	79H2	130D0

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
RPT	70G0	
RS0	84D2	
RS1	84E2	
RSK	84E5	
SO-9	84F7	
SON	85E7	130D0
SPL	86B0	
TO-4	86H2	
T5-9	86D5	
TBI	87E2	
TBS0,1	87F2	
TBS2,3	87G2	
TBT0-4	72B2	130D0
TBT5-9	72E2	130D0
TBU0-4	86B5	130D0
TBU5-9	86E5	130D0
TH0,1	78C2	
TH2	78E2	
TH3,4	78G2	
TH5-9	78B5	
TIK	89E0	
TLV	60C1	
TN	89C5	130G0
TNK	89D5	130D0
TOG	89C7	
TPT	70E0	
TR	72E7	
TRA	90E0	
TRK	59C0	
TRL	90G0	
TS	6C8	
TSO	11A2	130D0
TSI	11A2	130D0
TSL	91F0	
TST	91B2	
TSTL	91B2	
TVS	8F6	
TVT0	8E6	
TVT1	8E6	

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
U0-4	91D7	
U5-9	91F7	
UN0-4	91E7	
UN5-9	91G7	
VF0	92F0	
VF1-4	92H0	
VFT0	92D2	
VFT1	92F2	
VFT2	92H2	
VFT3	93C5	
VFT4	92D5	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	
VGT2	93G0	
VGT3	93B2	
VGT4	93D2	
VGT6	93G2	
VGT7	93H2	
VGT8	93C5	
VGT9	93D5	
VGT10	93F5	
VGT11	93H5	

FOREIGN AREA TRANSLATOR CONNECTOR (FATC)

DESIG	LOCATION FS	LOCATION CAD
FAA	67B9	SEE CM CKT
FAB	67B9	SEE CM CKT
TFA	88H1	SEE CM CKT

INCOMING REGISTER (IR)

DESIG	LOCATION FS	LOCATION CAD
RG0,1	63C9	81A1
RG2-9	64B1	81A1
RG10-15	64E1	81A1
RG16-19	64B4	81A1

INCOMING REGISTER MARKER CONNECTOR - MARKER PART (IRMC-MP)

DESIG	LOCATION FS	LOCATION CAD
RGG	28C3	74A2,111D0

INCOMING REGISTER MARKER CONNECTOR-REGISTER PART (IRMC-RP)

DESIG	LOCATION FS	LOCATION CAD
RG0,1	63C9	
RG2-9	64B1	
RG10-15	64E1	
RG16-19	64B4	

INCOMING REGISTER TEST (IRT)

DESIG	LOCATION FS	LOCATION CAD
M	76D7	SEE MTC CKT
SRT	66E7	SEE MTC CKT

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

DESIG	LOCATION FS	LOCATION CAD
AL	60B2	131D6
BT	61C0	131D6
BY		131D6
C0	17F0	131D6
C1	17F0	131D6
CKG	62F7	131D6
EF	25F8,67F2	131D6
GPA	60C5	131D6
GPB	70D5	131D6
HF1,2	71E0	131D6
JCG	25G5	131D6
MKA(-)	1D/A6	131D6
MKB(-)	1D/B6	131D6
MTR1	2D9	131D6
MTR2	2D9	131D6
ON1,2	2A3	131D6
OP	1A/G0	131D6
OV	80G2	131D6
PRA-	1C/C1-C7	131D6
PRB-	1C/C1-C7	131D6
PRCY	84C2	131D6
RA	81G5	131D6
RCG	21B0	131D6
RCY	82D2	131D6
RF	25G8,82B5	131D6
RLK	86F7	131D6
RR	84C2	

MASTER TEST FRAME CONNECTOR CKT

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FOR REPAIR OR ADD

LEAD INDEX FOR TABLE IA

DESIG	LOCATION FS	LOCATION CAD
INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)		
SEF	25C2,85G2	131D6
STPI	86C2	131D6
STP2	86E2	131D6
TRL	906D	131D6
TVAO	1A/A1,A3	131D6
TVA1	1A/A1,A3	131D6
TVA2-9	1A/A3	
TVB0,1	1A/A1,A3	131D6
TVB2-9	1A/A3	131D6
JACK, LAMP AND KEY (JLK)		
G	23D1	73B/B8
LK	9F5	25A/G5, 25B/E0
MJ	12G6	73B/B8
MN	12H6	73B/B8
RTO-4	84F6	73B/B8
RTG	28G8	73B/B8
TRB(SC)	14G5	123E2
TRBI	14D7	72D7
TRBI(-)	13H1	72G5,111B0, E5
TRBI(-)(PRT)	14H3	
TRBI(-)(R)	14D2	67G3,G8, 68G0,123E2
TRBI(ACD)	14G7	
TRBI(BC)	14G5	123E2
TRBI(MT)	14F5	123E2
TRBI(MTE)	14C4	
TRBI(MTO)	14F5	
TRBI(RTO)	14E7	107A5
TRBI(RTI)	14F7	107A5
JACK,LAMP AND KEY CKT FOR ACD (JLK-ACD)		
ROS	14G7	68D5
LINE INSULATION TEST (LIT)		
ITR	59C0	130D2
2WT	84G0	130D2
4DG	59B0	130D2
A0,1,2,4,7	59B7	130D2
B0,1,2,4,7	60E5	130D2
C0,1,2,4,7	61C2	130D2
CIB	5G7	130D2
CKG	95F2	130D2
CU'4,7	77C0	SEE MTC CKT

DESIG	LOCATION FS	LOCATION CAD
LINE INSULATION TEST (LIT)		
D0,1,2,4	65C5	130D2
D7	65B7	130D2
DNK	84D7	130D2
DR-	66C9	75A/B4
E0,1,2,4,7	67B2	130D2
F0,1,2,4,7	67F5	130D2
FS0-2	68G5	SEE MTC CKT
FT0-3	69G0	130D2
FTT0-3	69D5	SEE MTC CKT
FTT4	69F5	SEE MTC CKT
FTT5	69G5	SEE MTC CKT
FU0,1,2,4,7	69B7	130D2
FUT0-3	70B0	
FUT4	70D0	
FUT5-7	70D0	SEE MTC CKT
FUT8	70F0	
FUT9	70H0	
G	15E3	75A/B0
G0,1,2,4,7	70D2	SEE MTC CKT
GI	15D3	75A/B0
H7	71B0	130D2
HG0,1,2,4,7	71G0	130D5
HGT0	71F2	
HGT1	71H2	
HGT2	71C5	
HGT3	71E5	
HGT4	71F5	
HGT5	71H5	SEE MTC CKT
HGT6	71C7	
HGT7	71E7	
HGT8	71F7	
HGT9	72C0	
HN0	72G0	130D5
HN1-4	72G0	SEE MTC CKT
HN5-7	72C2	SEE MTC CKT
HN8,9	72C2	130D5
IT	1B/E9	130D5
LA	1B/E9	75A/B0
LAL	1B/E9	75A/B0
LIT	75C9	75A/B4
MB4,7	77C0	130D5
MC	77D0	130D5
MKT(-)	7E1	83C5
NID		SEE MTC CKT
NOB	78D7	130D5
NSP	89B7	130D5
ODT	79G2	SEE MTC CKT
OF	95B7	130D5
OFF0-3	90F2	130D5

DESIG	LOCATION FS	LOCATION CAD
LINE INSULATION TEST (LIT)		
OFF4	90B5	130D5
OFF5	90D5	130D5
OFF6-9	90G5	130D5
OFT0-2	90C7	130D5
ON	2B1	75A/D4
RN4,7	83G2	130D5
RNT0	79G2	130D5
RON	2H6	75A/B0
RPT		
RYK	84D7	
SI-9	84E9	75A/B4
SP	15E3	75A/B0
SPC	15F3	75A/B0
SPL	86B0	130D2
STR	3C0	75A/D4
STR1	3C6	75A/B0, 75A/D4
STR2	3C5	75A/B0
STRA	3D5	75A/D4
T0-4	86H2	130D5
T5-9	86C5	130D5
TH0,1	78D2	130D5
TH2	78F2	130D5
TH3,4	78G2	130D5
TH5-9	78B5	130D5
TIK	89E0	130D5
TPT		130D5
TR	72E7	130D5
TRC	12C8	75A/D4
TRST	1B/E8	75A/B0
TS	6A6	130D5
TSO-3	90G2	75A/B4
TSG	5D1	75A/B0
TSL	91F0	130D5
TVS	8E7	130D5
TVT0,1	8E7	130D5
TVT0,1(ATV)		130D5
U0-4	91D7	130D5
U5-9	91F7	130D5
VF0	92F0	130B7
VF1-4	92G0	130B7
VFT0	92D2	
VFT1	92F2	
VFT2	92H2	SEE MTC CKT
VFT3	92C5	
VFT4	92D5	
VG0,1	92E5	130B7
VG2	92G5	130B7
VG4,7	92B7	130B7
VG10	92C7	130B7

DESIG	LOCATION FS	LOCATION CAD
LINE INSULATION TEST (LIT)		
VGT0	93D0	SEE MTC CKT
VGT1	93F0	
VGT2	93G0	
VGT3	93B2	
VGT4	93D2	
VGT5	93E2	
VGT6	93G2	
VGT7	93H2	
VGT8	93C5	
VGT9	93D5	
VGT10	93F5	
VGT11	93H5	
LINE, LINE LINK AND CONNECTOR (L,LL,&C)		
CM-	27H8	111D0
DTM-	27G8	111H5
TRC-	27G8	32A0,83G0, 111D0,H5
LINE LINK CONNECTOR (LLC)		
CM-	27H8	111D0
DTM-	27G8	111H5
LTA	10B8	74F2,111C0
LTM	10B8	74F2,111C0
TRC-	27G8	32A0,83G0, 111D0,H5
LINE LINK MARKER CONNECTOR (LLMC)		
2W	59D4	80B/B3
4W	59B6	80B/B3
CN0,1	63B9	80B/B3
CN2-9	64B1	80B/B3
CN10-15	64E1	80B/B3
CN16-19	64B4	80B/B3
CNG	27C3	74A2,83G0, 111D0,H5
FR0	68B6	80B/B3
FR1	68C6	80B/B3
FR2	68E6	80B/B3
FRG	27B8	74A2,83G0, 111D0,H5
MG	28E3	SEE DTM CKT

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
ITR	59D0	SEE MTC CKT
2DT	59E0	
2L	59F0	
2L1		
2LN	59G0	
2W	59E2	
2WT	84G0	
4DG	59H2	
4NE	83H0	
4W	59B5	
4WT	84F0	
6NT	83C2	
9NP	83E2	
11	59E5	
A0,1,2,4,7	59C7	
B0,1,2,4,7	60F5	
BLDA	60B7	
BLT	60C7	
BN	60D7	
BST	60G7	
BT	61C0	
C0,1,2,4,7	61D2	
CH2	76F0	
CIB	5C7	
CKG	95F2	
CKG1	63B0	
CKO	63C0	
CKR	63E0	
CKR1	63F0	
CLF	80C0	
CSO-29	64D7	
CSG1	64E7	
CSW	64G7	
CTI	65D2	
CU'4,7	77C0	
D0,1,2,4	65H5	
D7	65B7	
DAT	65E7	
DIS	66C2	
DNGA	66D5	
DNGB	66D5	
DNGC	66E5	
E0,1,2,4,7	67B2	
ENC0,1	80E0	
EXT	67D5	
F	67E5	
F0,1,2,4,7	67F5	
FBK	67G7	
FG0	68F0	
FG1	68G0	104G4
FG2	68B2	104G4
FNA	68G2	
FNB	68H2	
FT0-3	69G0	
FTT0-3	69D5	
FTT4	69F5	
FTT5	69G5	SEE MTC CKT
FU0,1,2,4,7	69C7	
FUT0-3	70B0	
FUT4	70D0	
FUT5-7	70D0	
FUT8	70E0	
FUT9	70G0	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
FVD	70B2	SEE MTC CKT
G0,1,2,4,7	70E2	
HG0,1,2,4,7	71G0	
HGT0	71F2	
HGT1	71H2	
HGT2	71C5	
HGT3	71E5	
HGT4	71F5	
HGT5	71H5	
HGT6	71C7	
HGT7	71E7	
HGT8	71F7	
HGT9	72C0	
HN0-4	72G0	
HN5-9	72D2	
HTR	72D5	
INC	72B7	
IRS	72D7	
KM	74E2	
LAN	74C5	
LCK	75B2	
LDN	75C2	
LHM	75D5	
LHMT	75E5	
LLI	76D0	
LLP	76F0	
LLP2	72G5	
LOLL	76G0	
LRR	76D2	
LRS	76D2	
LT	76E2	
LTP	1A/C5	53A6,88G5, 123F2
LVF	76D6	
LVM	76E6	SEE MTC CKT
LVP	1E/D3	72C7
MB4,7	77C0	SEE MTC CKT
MC	77D0	
MKS	7F7	72C7
MKT(0,1)	7E7	
MLV	60C1	
MOI	77C2	
MOA	77D2	
MRI	65D2	
MRL	77G2	SEE MTC CKT
MTIK	77C5	
MTRB	65D2	
NDT	78H0	
NGK	78G5	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
NH	78H5	
NOB	78D7	
NSP	89B7	
OA	79G0	
OB	79B2	
ODT	79H2	
OF	95B7	
OFF0-3	90F2	
OFF4	90C5	
OFF5	90E5	
OFF6-9	90G5	
OFT0-2	90C7	
OSG0	80C0	
OSG1,2	80E0	
OSG3,4	80F0	
OSG5	80H0	
OSG6-9	80B2	
OSG10,11	80C2	
PAN	80G5	
PCD	80F7	
PCD1	80G7	
PCR	81C0	
POTS	81D2	
PTK	81D5	
RC	81B7	SEE MTC CKT
RCT	81C7	
RCT1	81D7	
RCT2	81E7	
RCT3	81G7	
RCT4	82B0	
RCT5	82C0	
RCT6	82C0	
RCT7	82D0	
RCT8	82E0	
RCT9	82E0	
RCT10,11	82F0	
RCT12	82G0	
RCT13	82H0	
RCT14	82B2	
RCT15	82C2	
RI	82E5	
RIP	82H5	
RN4,7	83G2	
RNT0	79H2	
RPT	70G0	
RS0	84D2	
RS1	84E2	
RS9	84C5	
RSK	84E5	
S0-9	84F7	
SCK	85F0	
SPL	86B0	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
STR	3G8	72C7
T0-4	86H2	
T5-9	86D5	
TAN	86B7	
TAN1	86D7	
TAN2	86F7	
TAN3	86G7	
TAN4	87C0	
TBI	87E2	
TBS0,1	87F2	
TBS2,3	87G2	
TBTA	87B5	
TBU0-4	86B5	
TBU5-9	86E5	
TBUA	87B5	
TCA	87E5	SEE MTC CKT
TCB	87G5	
TF0-2	88F0	
TF4,7	88G0	
TH0,1	78C2	
TH2	78E2	
TH3,4	78G2	
TH5-9	78B5	
TIK	89E0	
TLH	89E2	
TLV	60C1	
TM	6D0	
TOL	89F7	
TP'	90C0	
TPT	70E0	
TR	72E7	
TRA	90E0	
TRK	59D0	
TRL	90G0	
TRR	90B2	
TS	6D8	72C7
TSL	91F0	
TSTL	91B2	SEE MTC CKT
TT	91C2	
TTC	91G2	
TVS	8F6	53A6,88G5, 123F2
TVT0,1	8E6	
U0-4	91D7	SEE MTC CKT
U5-9	91F7	
VF0	92F0	
VF1-4	92H0	

MASTER TEST FRAME CONNECTOR CKT

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DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
VFT0	92D2	
VFT1	92F2	
VFT2	92H2	
VFT3	92C5	
VFT4	92D5	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	
VGT0	93D0	
VGT1	93F0	
VGT2	93G0	SEE MTC CKT
VGT3	93B2	
VGT4	93D2	
VGT5	93E2	
VGT6	93G2	
VGT7	93H2	
VGT8	93C5	
VGT9	93D5	
VGT10	93F5	
VGT11	93H5	
MASTER TEST CONTROL (MTC)		
ONN	83D0	73A/E5
1SE	83E0	73A/D2
1TR		56A7
2DT	59E0	72C5
2L	59F0	73A/E5
2LI		73A/E5
2LN	59G0	73A/D0
2SA	83F0	73A/D2
2TR		56A7
2W	59E2	57C3,73A/D2
2WD	59E2	57C3,73A/D2
2WD1	59F2	57C3,73A/D2
2WT	84G0	88D7
3NA	83G0	73A/D2
4DG	59H2	88D7,123D5
4NE	83H0	73A/D2
4W	59B5	57C3,73A/D2
4WT	84F0	88D7
5DG	59D5	88D7,123D5
5ST	83B2	73A/E5
6NT	83C2	73A/E5
7RN	83D2	73A/E5
8SP	83E2	73A/E5
9NP	83E2	73A/E5
11	59F5	73A/D0
A0,1,2,4,7	59C7	72C5
ACD	60C0	89E0
AD	60E0	73A/D0,89H0, 123D7

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
AG1-6		5786,73A/D2
AL	60B2	73A/D2
ALT	60C2	73A/E5
AMA	76C0	72C5
AOS	69E2	89H0
AOT	60E2	73A/E5
ARO,1,2,4,7		73A/D0
ATKT		73A/B5
ATT	66D7	73A/D2
AVK1		73A/D0
B0,1,2,4,7	60F5	72C5
BLC	60H5	73A/E5
BLDA	60B7	73A/E5
BLT	60C7	73A/E5
BN	60D7	72C5
BRL	60C	57C3,73A/D2
BRT	60F7	57E6,73A/D2
BST	60G7	73A/D0
BT	61C0	73A/D0
BTT	61C0	57E6,73A/D2
C	61B2	89D3
C0,1,2,4,7	61D2	72C5
CAM	61F2	73A/D0
CD0,1	61C5	57C3,73A/D2
CD2,4,7	61D5	57C3,73A/D2
CD10		73A/D2
CD15		73A/D2
CDA0,1,2,4	61F5	5786,73A/D2
CDA7	61G5	5786,73A/D2
CDA10,1,2,4,7		5786,73A/D2
CDN	61D7	73A/D2
CDNK	61E7	73A/E5
CDT0	65C0	89E0,123B7
CDT1	65E0	89E0,123B7
CDT2	65F0	89E0,123B7
CDT4,7	62C0	89E0,123B7
CE	61E7	57E6,73A/D2
CE'		57C3,73A/D2
CGA	62B0	73A/D2
CGB	62B0	73A/D2
CH2	76F0	

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
CIIT-CI4T	62B7	88C5
CIB	5B7	72G7
CIFAT	62C7	88C5
CK	95F0	88C5
CKO	63C0	72H5,73A/E5
CKG	95F2	88C5,123B2
CKGI	63B0	73A/E5
CKG2	63B0	83D7
CKR	63E0	73A/E5
CKRI	63E0	73A/E5
CL3	63H0	72C5
CL7	63D2	73A/D0
CL8	63E2	73A/D0
CLF	80C0	
CM3	63C5	26A/A0, 26B/B3
CMA	63C5	26A/A0, 73A/B5
CMB	63D5	26A/A0, 26B/B3, 73A/B5
CMC	63E5	26A/A0, 26B/B3, 73A/B5
CNR	64D2	73A/E5
CNT	64F2	73A/D0
CON	64G2	73A/D0
CP0,2,4	64B5	73A/D2
CP1,7	64D5	73A/D2
CR	64D5	73A/D0
CR0,1,2,4,7		72C5
CRU0,1,2,4	64G5	72C5
CRU7	64C7	72C5
CS0-29	64D7	73A/D2
CSG1	64C7	83D7,73A/E5
CSG2	64E7	83D7,73A/E5
CSW	64F7	73A/D0
CTA0-2	65B2	73A/E5
CTA4,7	65C2	73A/E5
CTI	65D2	73A/E5
CTMB	65E2	56A3,89D3, 123D7
CTT0,1,2,4,7	65F2	73A/E5
CU0,1,2,4,7	65B5	73A/D2
CU'0-2	77B0	
CU'4,7	77C0	
CUT0,1,2,4,7	65C5	73A/E5
CWK	65E5	83D7
D	65F5	83D7
D0,1,2,4	65H5	72C5
D7	65B7	72C5

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
DAT	65E7	73A/E5
DATI	66C0	73A/E5
DATK	66C0	73A/E5
DCK	65D5	72C5
DCT	66E0	73A/D2
DCTI	66F0	
DIS	66C2	73A/E5
DISI	66D2	73A/D2
DIST	66E2	56A0,88C5, 123B2
DLI-6		72C5
DLTK	66B5	73A/D0,E5
DNC	66C5	89E0
DNGA	66D5	57E6,73A/D2
DNGB	66D5	57E6,73A/D2
DNGC	66E5	57E6,73A/D2
DNGD	66E5	57E6,73A/D2
DNK	84D7	123D5
DS	95C2	89D3,123B2
DT4,5,7	67B0	73A/E5
DTF	67D0	73A/D0
DTI	67E0	73A/E5
DTK	67F0	88C5,73A/D0
DTKI	67F0	88C5
DTKA	66F2	89D3
DTN	96D5	89D3
E0,1,2,4,7	67B2	72C5
ECN	67E2	73A/D2
EFO,1,2,4,7	65B5	
ELL		57C3,73A/D2
ENI	67B5	57C3,73A/D2
ENCO,1	80D0	
ESCK	67C5	57C3,73A/D2
EV	67D5	57E6,73A/D2
EXT	67D5	73A/E5
F	67E5	73A/E5
FO,1,2,4,7	67G5	72C5
FAC	67C7	72C5
FAD	67E7	73A/D2
FAK		72C5
FBK	67G7	72C5
FC	68B0	89E0
FCK	68E0	73A/D0
FG0	68F0	72C5
FG1	68H0	72C5
FG2	68C2	73A/D0
FGA		57B6,73A/D2
FNA	68G2	73A/D2
FNB	68H2	73A /D2
FS0-4		72C5
FS5-19		72C5
FT0-3	69G0	72C5
FTC	69F2	73A/E5
FTCK	69H2	73A/D2

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
FTT0-3	69D5	73A/D0
FTT4	69F5	73A/D0
FTT5	69G5	73A/D0
FU0,1,2,4,7	69C7	72C5
FUT0-3	70B0	73A/D0
FUT4	70D0	73A/D0
FUT5-7	70D0	73A/D0
FUT8		73A/D0
FUT9	70G0	73A/D0
FVD	70C2	73A/D0
G	70C2	73A/E5
G0,1,2,4,7	70E2	72C5
GC	95F2	56A7,88C5, 123B2
GIT	70G2	26A/A0,26B/B3
GPA	60C5	73A/E5
GPB	70D5	73A/E5
GR	70E5	26A/A0, 26B/B3
H0,1,2,4	70F7	72C5
H7	71B0	72C5
HD	71D0	26A/A0, 26B/B3
HF	71E0	73A/D2
HFA	71F0	73A/D2
HG0,1,2,4,7	71G0	72C5
HGK	71D2	73A/D0
HGTO	71F2	73A/D0
HGT1	71H2	73A/D0
HGT2	71C5	73A/D0
HGT3	71E5	73A/D0
HGT4	71F5	73A/D0
HGT5	71H5	73A/D0
HGT6	71C7	73A/D0
HGT7	71E7	73A/D0
HGT8	71F7	73A/D0
HGT9	72C0	73A/D0
HMA	72C0	51E6,73A/D2
HMS1	72E0	72C5
HN0-4	72G0	56A0,88D7, 123D5
HN5-9	72D2	56A0,88D7, 123D5
HTO,1,2,4,7	72G2	73A/D0
HTR	72D5	73A/D2
ICK	72F5	89D3
INC	72B7	72C5
IOD	69D2	89H0
IR	72C7	89D3
IRL	72D7	26B/B3
IRS	72D7	73A/E5
IT	72F7	57E6,73A/D2

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
J0,1,2,4	73D0	72C5
J7	73E0	72C5
JSQ0	73G7	73B/E5
JSQ1-4	74B0	73B/E5
JSQ5	74B0	73B/E5
K0,1,2,4	74G0	72C5
K7	74B2	72C5
KCS	11B8	72B7
KJSQ	74D2	73A/E5
KM	74E2	73A/E5
L0,1,2,4	74F2	72C5
L7	74H2	72C5
L5D	82D5	88D7,123D5
LAN	74C5	73A/E5
LC0	74E5	
LCD0,1,2	75B2	73A/D0
LCK	75F0	89E0
LDN	75C2	73A/E5
LES1	75E2	57C3,73A/D2
LESK	75F2	57C3,73A/D2
LFK1		73A/E5
LHM	75D5	73A/E5
LHMT	75E5	73A/E5
LI	75F5	73A/D2
LI0,1		73A/E5
LK1	75F7	73A/D2
LK2	75F7	73A/E5
LK3	76B0	73A/E5
LL0	88F5	73B/C3,D3
LL1	88B7	73B/C3,D3
LL2	88D7	73B/C3,D3
LL4	88E7	73B/C3,D3
LL7	88G7	73B/C3,D3
LLE1	76C0	57E6,73A/D2
LLES	76D0	57C3,73A/D2
LLI	76D0	73A/E5
LLJ	76E0	73A/E5
LLP	76F0	73A/E5
LLP2	72G5	73A/E5
LOLD		73A/E5
LOLL	76G0	73A/D0
LOLP	76H0	73A/E5
LPI		73A/E5
LR	76B2	72C5
LRA		73A/E5
LRI	76C2	73A/D0,E5
LRR	76D2	73A/E5
LRS	76D2	73A/E5
LST	75D5	88D7,123D5
LT	76E2	73A/D0
LTI	76F2	73A/D0
LT2	76H2	73A/D0
LT3	76B5	72C5
LVF	76D6	73A/A5
LVM	76E6	73A/B5,E5

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
M	76D7	73A/D2
M0,1,2,4	61F5	57C3,73A/D2
M7	61H5,78C0	72C5
M'0,1,2,4		57C3,73A/D2
MAK1	76F7	73A/D2
MB0-2	77B0	73A/E5
MB4,7	77C0	73A/E5
MBK		
MC	77D0	56A3,88C5, 123B2
MDA		123B2
MF	77F0	83D7
MKS	7F0	72E7
MKT0,1	7E1	72H5,83D5
MKT2,3	7E1	72G5,83D5
MKT4,5	7E1	72G5,111E5
MKT6,7	7E1	72G5
MKT8-11	7E1	111E0
MKT12-17	7E1	
MLF	77B2	83D7
MLFA	77C2	83D7
MLV	60C1	73A/B5
MOI	77C2	73A/E5
MOA	77D2	56A7,88C5
MON		73A/D0
MPP	77F2	72C5
MPT	60G0	73A/D2
MRI	65D2	73A/E5
MRL	77G2	73A/D2
MT1K	77B5	73A/E5
MT2K	77D5	73A/E5
MT3K	77D5	73A/E5
MT4K	77E5	73A/D2
MT5	77E5	73A/E5
MT7	77F5	73A/E5
MT7K	77C5	72C5
MT8K	77G5	73A/E5
MT9K	77H5	73A/E5
MT10K	77B7	73A/E5
MT12	77B7	73A/E5
MT38K	77C7	73A/D0
MT57		73A/E5
MTL	7C8	72E7
MTP	1F/G6	72E7
MTPT	83E9	73A/A5
MTRB	65D2	

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
N7	78H0	57C3,73A/D2
N'7		57E6,73A/D2
NAMA	78D0	73A/D2
NDK		72C5
NDT	78H0	73A/D2
NGK	78G5	72C5
NH	78H5	73A/D2
NID	69B2	89H0
NN	78C7	73A/D2
NOB	78D7	73A/E5
NOBT	78E7	73A/E5
NSP	89B7	89G0,123B7
NT	79D0	73A/D2
NTCW	79D0	117D4
NTH	79D0	73A/E5
NTT	79E0	73A/D2
NTVB	79E0	117D4
OA	79G0	73A/D0
OA0,1,2,4,7	70F2	89E0
OB	79B2	73A/D0
OB0,1,2,4,7	71D0	89E0
OBS	79D2	73A/E5
OBS1	89C7	83D7
OBST	79E2	73A/E5
OC1	79E2	83D7
OCA0,1,2,4,7	73F0	89E0
OCN	79F2	73A/E5
OD0,1,2,4,7	7402	89E0
ODD	79B5	57C3,73A/D2
ODT	79H2	89G0,73A/D0, 123B7
OE0,1,2,4,7	7485	89D3
OF	95B7	88D7,12305
OF0	78C0	89D3
OF1	76E7	89D3
OF7	64B7	89D3
OFF0-3	90F2	56A0,88D7, 12305
OFF4	90C5	56A0,88D7, 12305
OFF5	90E5	56A0,88D7, 12305
OFF6-9	90G5	56A0,89G0, 123B7

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DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
OFT	68D0	56A7,88D7, 123D5
OFTO-2	90C7	56A3,89G0, 123B7
OGO,1,2,4	70F5	89D3
OG7	70G5	89D3
OP	79C5	57C3,73A/D2
OP1	94C5	88C5
OR	79E5	73A/D2
ORCO	79D0	
ORC1	78C7	
ORC2	71E0	
OSO	79B7	72C5
OS1	79C7	72C5
OS2	79D7	72C5
OS3	79E7	72C5
OS4	79F7	72C5
OSC	80B0	73A/E5
OSGO	80C0	72C5
OSG1,2	80D0	72C5
OSG3,4	80F0	72C5
OSG5	80G0	73A/D0
OSG6-9	80B2	73A/D0
OSG10,11	80C2	73A/D0
OSK	80D2	73A/E5
OTT	80F2	73A/D2
OVFO	80H2	57C3,73A/D2
OVFI	80B5	57E6,73A/D2
OVK	80G2	73A/E5
P	82F5	56A3,89D3
P1	95D5	89D3
PA	80F5	89D3
PAN	80G5	73A/E5
PBX	80B7	73A/E5
PCD	80E7	72C5
PCD1	80G7	72C5
PCK	86C7	26A/A0, 26B/B3
PCR	81C0	72C5
PD	81D0	72C5
PDK	81D0	73A/E5
PHC	81G0	72C5
PK	81H0	72C5
PKI		73A/B5
PLL	81B2	72C5
POTS	81D2	73A/E5
PRI		57C3,73A/D2
PRL	86E7	26A/A0, 26B/B3
PRLK	71F7	
PRLT	81F2	89D3
PS	81B5	72C5
PSI	81C5	72H5
PSG	70D7	72H5
PT	95C0	56A3,89D3
PTI	96H2	89D3
PTK		73A/D2
PTP	1C/B8	24B7,25B/D0
PTR	87B0	26A/A0, 26B/B3
PTS	9C6	24B7,25B/D4
PTT(-)	9C7	25A/A5, 25B/G4
R	81F5	73A/D0
R1A	74E5	123D7
R1B	74F5	123D7
R1C	74H5	123D7
R1D	74C7	
R2A	74D7	123D7
R2B	74E7	123D7
R2C	74G7	123D7
R2D	75C0	
R3A	75D0	123D7
R3B	75E0	123D7
R3C	68D2	123D7
RA	81G5	73A/D2
RBT	81G5	73A/E5
RBT1	81H5	73A/D2
RC	81B7	73A/E5
RCT	81C7	73A/E5
RCT1	81D7	73A/D2
RCT2	81E7	73A/D2
RCT3	8[illegible]7	73A/D2
RCT4	82B0	73A/D2
RCT5	82C0	73A/D2
RCT6	82C0	73A/D2
RCT7	82D0	73A/D2
RCT8	82E0	73A/D2
RCT9	82E0	73A/D2
RCT10,11	82F0	73A/D2
RCT12	82G0	73A/D2
RCT13	82H0	73A/D2
RCT14	82B2	73A/D2
RCT15	82C2	73A/D2
RCY	82D2	83D7,35A/D2
RD	95H5	89D3
RDL	82E2	89D3
RE	82G2	73A/E5
RG	82B5	57E6,73A/D2
RI	82E5	72C5
RIK	82G5	73A/E5
RIP	82H5	73A/E5
RK	86F2	88C5,123B2
RL	76B2	56A7
RLA	83C0	56A3,88C5, 123B2
RLK	86F7	26A/A0, 26B/B3
RNO-2	83F2	73A/D2
RN4,7	83G2	73A/D2
RNTO	79H2	89G0,123B7
RNT1	60E0	89H0,123D7
RNT2O	83E5	
RO	83F5	73C5
RO'	83G5	
RO1-3		57B6,73A/D2
ROG	83C7	73A/E5
ROH	83C7	72H5
ROPT	83D7	89D3
ROT	83D7	57B6,73A/D2
RP	83F7	73A/D0
RPT	70G0	56A7
RSO	84D2	73A/D2
RS1	84E2	73A/D2
RS2	84F2	73A/D2
RS3	84G2	73A/D2
RS4	84H2	73A/D2
RS5-8	84B5	73A/D2
RS9	84C5	73A/D2
RSK	84E5	73A/D2
RT	84E5	57E6,73A/D2
RTO	84F5	83D7,73A/E5
RT1	84G5	83D7,73A/E5
RT2	84G5	83D7
RT3	84G5	83D7
RTC	84H5	73A/C5
RTK		73A/E5
RVI	84C7	72C5
SA	89G5	89E0,123B7
SB	84B0	73A/E5
SBT	84C0	73A/E5
SCB	85E0	73A/D2
SCK	85F0	73A/D0
SCN	85G0	73A/D0
SCT		72C5
SD	86B7	26A/A0, 26B/A0
SGA		57B6,73A/D2
SIA	85B5	73A/E5
SIB	85B5	73A/E5
SKO	83E5	89D3
SKI	79F5	89D3
SKT	4B7	72E7
SLCK	85E5	73A/D2
SPL	86B0	72C5
SO-9	84F7	73A/E5
SR1-3		57B6,73A/D2
SRT	66E7	72C5
SRTI	86F0	73A/E5
SSA	86G0	73A/E5
SSB	86H0	73A/E5
STP1	86C2	73A/D0
STP2	86E2	73A/D0
T	86G2	73A/D0
TO-4	86H2	56A0,88D7, 123D5
T5-9	86D5	56A0,88D7, 123D5
TAN	86B7	72C5
TAN1	86D7	72C5
TAN2	86E7	72C5
TAN3	86G7	72C5
TAN4	87C0	72C5
TB	87D0	73A/E5
TB6-9		57C3,73A/D2
TBI	87E2	72C5
TBL	77G7	89D3,123B2
TBSO,1	87F2	73A/E5
TBS2,3	87G2	73A/E5
TBT	87H2	73A/E5
TBTO-4	72B2	73A/E5
TBT5-9	72E2	73A/E5
TBTA	87B5	127E0
TBUO-4	86B5	73A/E5
TBU5-9	86E5	73A/E5
TBUA	87B5	73A/E5
TC1	87D5	83D7
TCA	87E5	73A/D0
TCB	87G5	73A/D0
TCC	87H5	73A/D0
TCHO-4	87D7	73A/E9
TCH5-9	87E7	73A/E9
TCHK	87F7	73A/D0
TCT	88B0	89D3
TDCT	88B0	73A/E5
TES1	88D0	57C3,73A/D2
TESK	88E0	57C3,73A/D2
TET	88E0	88C5
TFO-2	88F0	72C5
TF4,7	88G0	72C5
TFA	88H0	73A/E5
TGA		57B6,73A/D2
THO,1	78C2	56A3,88D7, 123D5
TH2	78E2	56A3,88D7, 123D5
TH3,4	78G2	56A3,88D7, 123D5
TH5-9	78B5	56A3,88D7, 123D5
TH'2		73A/E5
TH'3		73A/E5
THC	88D5	72C5
THGTO-4	88E5	83D7
THGT5-9	88E5	83D7
THTO	88G5	73A/D0
THT1	88C7	73A/D0
THT2,3	89B0	73A/E5
TI	89C1	73A/B5
TIO-3	89C0	89D3
TIC	89D0	88C5
TIK	89E0	56A3,88C5, 123B2
TIR	89G0	73A/D0,E5
TKT	89C4	73A/A5
TLE1	89D2	57E6,73A/D2
TLES	89E2	57C3,73A/D2
TLH	89E2	73A/D0
TLR30,31		
TLV	60C1	73A/B5
TM	6A0	72G7
TMK	89B5	73A/D2
TMK1	89B5	73A/D2
TNK	89E5	73A/D2
TNO	89E5	88D7
TOK		57B6,73A/D2
TOL	89E7	73A/D0
TOP	89G7	56A3,88D7, 123D5
TOSO-4	90B0	73A/E5
TP	90B0	73A/D0
TP'	90C0	73A/D2
TPT		56A7
TR	72E7	56A7,88C5, 123B2
TR1	90D0	73A/E5
TR2	59D2	73A/D2
TRA	90E0	56A7,88C5, 123B2
TRBI		25A/G5,5386, 83D5,88E5, F5
TRF	86C0	73A/D2
TRIT	68C0	89D3
TRK	59C0	73A/D2
TRL	90G0	73A/D2
TRL1	90G0	73A/E5
TRL2	90H0	73A/D2
TRP		47A4,56A3
TRR	90B2	73A/E5
TRS	90D2	73A/D5
TRT	90E2	73A/E5
TS	6A8	72E7,68B5
TSE	91C0	73A/D2
TSE1	91D0	73A/E5
TSE2	91D0	73A/E5
TSK	91E0	73A/E5
TSL	91F0	83D7,123D5
TSM	91G0	
TSO	5B1	72B7
TST	10E5	72D7,73A/D0
TSTL	91B2	73A/E5
TT	91C2	73A/D0
TTO,1,2,4,7	91F2	73A/D0
TTC	91G2	73A/E5
TTC1	91H2	73A/E5
TTL	8E8	72E7
TTP	1A/C7	53B6,88G5, 123G2
TTT	91D5	73A/E5
TVFTO-4	91B7	83D7
TVGTO-4	91B7	83D7
TVGT5-9	91B7	83D7
TVGT10,11	91C7	83D7
TVS	8F1	5366,88G5, 123G2
TVTO,1	8E1	5386,88E5
TVT2-9	8E2	88E5,123C2
UO-4	91D7	56A0,88D7, 123B5
U5-9	91F7	56A0,88D7, 123D5
UK	92B0	89D3
UKA	92C0	117B4
UTO,1,2,4,7	92E0	73A/D0
VFO	92F0	72C5
VF1-4	92H0	72C5
VFTO	92D2	73A/D0
VFT1	92F2	73A/D0
VFT2	92H2	73A/D0
VFT3	92C5	73A/D0
VFT4	92D5	73A/D0
VGO,1	92F5	72C5
VG2	92G5	72C5
VG4,7	92B7	72C5
VG10	92D7	72C5
VGA	93C0	83D7
VGTO	93D0	73A/D0
VGT1	93F0	73A/D0
VGT2	93G0	73A/D0
VGT3	93B2	73A/D0
VGT4	93D2	73A/D0
VGT5	93E2	73A/D0
VGT6	93G2	73A/D0
VGT7	93H2	73A/D0
VGT8	93C5	73A/D0
VGT9	93D5	73A/D0
VGT10	93F5	73A/D0
VGT11	93H5	73A/D0
VTC	93B7	89D3
WKC	93E7	89D3
X11	94B0	73A/D0
XBRL		57C3,73A/D2
XCE		57C3,73A/D2
XFT	94F5	73A/D0
XHG1	94B7	73A/E5
XHGA	94C7	
XI	94F7	73A/E5
XL	95G0	73A/E5
XLF		73A/E5
XST		57B6,73A/D2
XT	96E2	89D3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01 | A40

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LEAD INDEX FOR TABLE 1A

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
3AM	93H6	12OD3
3ANT	93E6	12OD3
A	93F4	87F7,G4
ASP	96C1	87F7,G4
B	93G4	87F7,G4
BSP	95F9	87F7,G4
CI(MAG AMA)	1B/C6	12OD3
CI(ODD /EVEN)	1B/B8	87C4
CO(ODD,EVEN)	1B/B9	87C4
D	93B6	87F7,G4
DA	96D1	87F7,G4
DCT	77G4	
DTO,1,2,4,7	66G9	88C3,12OD3
DUO,1,2,4,7	67H1	88C3,12OD3
E	93C6	87F7,G4
EOL	96D4	12OD3
ET	96F1	87A4,G4
HDK	95F9	12OD3
HR	94E6	87F7,G4
HTO,1,2,4,7	72G4	88C3,12OD3
HUO,1,2,4,7	72E6	88C3,12OD3
ME	93E4	12OD3
MET	61C1	12OD3
MG	72D6	87F7,G4
MO	83B1	87F7,G4
MTO,1,2,4,7	77H4	88C3,12OD3
MTFT	96F1	12OD3
MTTR	93G4	12OD3
MUO,1,2,4,7	77D9	88C3,12OD3
NS	77G4	87F7,G4
OOL	96B9	12OD3
PCN(ODD,EVEN)	1B/B7	87C7
RCCK (EVEN)	11E5	87C7
RCCK (ODD)	11E5	87C4
RL	96C1	12OD3
RL1	96D1	12OD3
RL2	94F6	12OD3
RN	89B4	87A4,G4
RSTO	63D9	87C7
RST1	63D9	87C4
RST2	64D1	87C7
RST3	64D1	87C4
RST4	64D1	87C7
RST5	64D1	87C4
RST6	64D1	87C7
RST7	64D1	87C4
RST8	64D1	87C7
RST9	64D1	87C4
RST10	64F1	87C7
RST11	64F1	87C4
RST12	64F1	87C7
RST13	64F1	87C4
RST14	64F1	87C7

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
RST15	64F1	87C4
RST16	64C4	87C7
RST17	64C4	87C4
RST18	64C4	87C7
RST19	64C4	87C4
RST20	85C4	67B0
RST21	91D4	67A0
RST22	59E1	67B0
RST23	70B4	67A0
RST24		67B0
RST25	59F6	67A0
RST26	79G1	67B0
RST27	79B4	67A0
RST28	81G1	67B0
RST29	88D6	67A0
RST-EMG	68C6	87C4
RT1E (EVEN)	19B1	87C7
RT1O (ODD)	19E1	87C4
RT3E (EVEN)	19B2	87C7
RT3E (ODD)	19E2	87C4
RT3O (EVEN)	19B2	87C7
RT3O (ODD)	19E2	87C4
RTRS	93C6	12OD3
RTST	95D4	12OD3
SC	90F1	87F7,G4
SKP	76H6	87F7,G4
SP	93E6	87F7,G4
SPA	72E1	87F7,G4
STR (MAG AMA)	3A0	12OD3
SY	61C1	87F7,G4
TEM	95C4	87G4
TPR(ODD,EVEN)	1B/B8	87C7
TRB (EVEN)	14A5	87C7
TRB (ODD)	14C5	87C4
TRB (MAG AMA)	14E5	12OD3
TRL	90G1	12OD3
TRST (EVEN)	1B/B7	87C7
TRST (ODD)	1B/B6	87C4
TRST(MAG AMA)	1B/C5	12OD3
TST	9386	12OD3
XPL	70C6	87A4,G4
X11	94B1	

MINI-ROTL INTERFACE CKT (MROTL)

DESIG	LOCATION FS	LOCATION CAD
ATKT	60B6	
ROTL	83E9	

NUMBER GROUP CONNECTOR (NGC)

DESIG	LOCATION FS	LOCATION CAD
NG	11E8	
NG1	11H8	
NGCO,1	78C4	80B/A0
NGC2	78D4	80B/A0
NGC3,4	78F4	80B/A0
NGC5-9	78B6	80B/A0
NGCTO	78C6	80B/A0
NGCT1	78D6	80B/A0
NGCT2	78E6	80B/A0
NGCT3	78F6	80B/A0

ORIGINATING REGISTER (OR)

DESIG	LOCATION FS	LOCATION CAD
RGO,1	63C9	81B1
RG2-9	64B1	81B1
RG10-15	64E1	81B1
RG16-19	64B4	81B1

ORIGINATING REGISTER MARKER CONNECTOR - MARKER PART (ORMC - MP)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	63G6	80B/C0
CN3	63B9	80B/C0
CNG	27B3	74A2,111D0
FRO	68B6	80B/C0
FR1	68C6	80B/C0
FR2	68E6	80B/C0
FR3	68F6	
FRG	27A8	74A2,111D0
RGG	28B3	74A2,111D0

ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART (ORMC-RP)

DESIG	LOCATION FS	LOCATION CAD
RGO,1	63C9	
RG2-9	64B1	
RG10-15	64E1	
RG16-19	64B4	

OUTGOING SENDER (OS)

DESIG	LOCATION FS	LOCATION CAD
SO-14	84E9	90D0

OUTGOING SENDER CONNECTOR-MARKER PART (OSC-MP)

DESIG	LOCATION FS	LOCATION CAD
CNO,1	63F6	80B/D3
CN2	63G6	80B/D3
CN3	63H6	80B/D3
CNG	27E3	80B/D3
FRO	68B6	80B/D3
FR1-4	68D6	80B/D3
FRG	27D8	80B/D3
SG	28G3	80B/D3
SRT	86F1	80B/D3

OUTGOING SENDER CONNECTOR-SENDER PART (OSC-SP)

DESIG	LOCATION FS	LOCATION CAD
SO-14	84E9	

PRETRANSLATOR (REGULAR) (PRT)

DESIG	LOCATION FS	LOCATION CAD
I1	59E6	
AO,1,2,4,7	59C9	25B/D7, 25C/E0
BO,1,2,4,7	60F6	25B/D7, 25C/E0
CO,1,2,4,7		25B/D7, 25C/E0
CDO,1,2,4,7	61C4	SEE MTC CKT
CM3	63B6	25B/D7, 25C/E0
CMA	63C6	25B/D7, 25C/E0
CMB	63D6	25B/D7, 25C/E0
CMC	63D6	25B/D7
CMK	89D9	25C/E0
GI	70G4	25B/D7, 25C/E0
GR	70E6	25B/D7, 25C/E0
HD	71D1	25B/D7, 25C/E0
LK	9F7	25A/H5, 25B/D7, 25C/G3
LK1	63E6	25C/E0
LT	65B5	SEE MTC CKT
MB	9G7	25B/D7, 25C/G3
PCK	86C9	25B/D7, 25C/E0
PRG	9G7	25A/G5, 25B/D7, 25C/G3
PRL	86E9	25B/D7, 25C/E0
PRT	86F9	
PTP (1ST TO 8TH)	1C/A0-7	25A/F5, 25B/D7
PTR	87B1	25B/D7
RCCK	11G5	25A/H5, 25B/D7, 25C/G3
RLK		25B/D7
SD	86B9	25B/D7, 25C/E0
TM	605	25B/D7, 25C/G3
TOK	89D9	25B/D7
TR	87B1	25C/E0
TR1	72D9	25C/E0
TR2	5984	25B/D7, 25C/E0
TRB	14F3	25A/H5, 25B/D7, 25C/G3
TRK	59C1	25B/D7, 25C/E0, 26A/G7
TRS	90D4	25B/D7, 25C/E0

PRETRANSLATOR (REGULAR) (PRT)

DESIG	LOCATION FS	LOCATION CAD
TRST (1ST TO 8TH)	1C/A0-A6	24E7,25B/D7, 25C/G3
XX	87C1	25B/D7, 25C/E0, 26A/G7

PRETRANSLATOR CONNECTOR (PRTC)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	63G6	72B0
CNG	27F3	25B/F4
FRO	68B6	72B0
FR1	68C6	72B0
FR2	68E6	72B0
FRG	27E8	25B/F4
RGG	28D3	25B/F4
RGG1 (1ST,2ND,3RD, 6TH,7TH,8TH)	23D3	72E2

PRETRANSLATOR CONNECTOR-ORIGINATING REGISTER PART (PRTC-ORP)

DESIG	LOCATION FS	LOCATION CAD
RGO,1	63C9	81D1
RG2-9	64C1	81D1
RG10-15	64F1	81D1
RG16-19	64B4	81D1
RG20-23	82D6	81D1

PROGRAM CONTROLLED TRANSVERTER (ANI AND/OR CAMA) (PCTV)

DESIG	LOCATION FS	LOCATION CAD
CI	1A/CO,C5	53D6,G6, 86GO,121A/B5
MB	9F3-H3	53E6,G6, 86GO,121A/B5
MBI		53E6,G6
MC	77D1	55G7,86E5, 121A/D0
RL	76B4	55G7,86E5, 121A/E0
TM	6E5,F5	54E7,G7, 86FO,121A/D5
TR	72E9	55G7,86B5, 121A/C0
TRST	1A/CO,C5	53D6,G6, 86GO,121A/B5
TVA	1A/B1,B4	53D6,G6, 86GO,121A/B5
TVB	1A/B1,B4	53D6,G6, 86GO,121A/B5
TVT	11C2	54E7,G7, 86GO,121A/B5
TVTA	8F5	53E6,G6, 86GO,121A/B5

PROGRAM CONTROLLED TRANSVERTER (CAMA ONLY) (PCTVC)

DESIG	LOCATION FS	LOCATION CAD
L	83C1	
RLA	83C1	
TRA	90E1	

RECORDER AND RECORDER CONTROL CKT (RRC)

DESIG	LOCATION FS	LOCATION CAD
ACTA	88F9	122D0
ACTB	8B99	122D0
BAR	6686	122D0
BLO,1,2	8486	123C9
BL4	8486	123C9
BL7	84C6	123D9
BRO	77E1	122D0
BR1	6386	122D0
BR2	7889	122D0
BR4	86C4	122D0
BR7	86D4	122D0
CHO	78F6	122D0
CH1	91B1	122D0
CH2	76F1	122D0
CIS	62D7	122D0
CISC	62D7	122D0
CKLO,1,2,4	61F6	122D0
CKL7	61G6	122D0
CKLS	8789	122D0
CKRO,1,2,4	61B9	122D0
CKR7	61C9	122D0
CKRS	8789	122D0
CLO,1,2,4,7	80C6	122D3
CLF	80D0	
CPTO	74E4	122D3
CRO,1,2,4,7	80D6	122D3
CRT	80E6	122D3
CTBL	84D4	122D3
DC	88G6	122D3
DCC	88B9	122D3
DCKF	62F6	122D3
DLO	59D6	122D3
DL1	78F9	122D3
DL2	63F4	122D3
DL4,7	63F4	122D3
DRO	87G9	122D3
DR1	80F4	122D3
DR2	91C6	122D3
DR4	78G1	122D3
DR7	78G1	122D3
ECT	84G4	122D3
ENCO,1	80E0	SEE MTC CKT
EOR	6286	122D3
ERTO	82F4	122D3
ETM	80G6	122D3
ETMO	82F4	122D3
EXI	78D6	122D3
EX2	78E6	122D3
GO	62E1	122D3
HDA	73G4	122D5
HDB	7386	122D5

RECORDER AND RECORDER CONTROL CKT (RRC)

DESIG	LOCATION FS	LOCATION CAD
LCPT	84F4	122D5
MTRA	81D4	122D5
MTRB	65D4	122D5
ON	73D6	122D5
OSGO	80D0	SEE MTC CKT
OSG1,2	80E0	SEE MTC CKT
OSG3,4	80F0	SEE MTC CKT
PKA	73H4	122D5
PKB	73C6	122D5
PSR	62E6	122D5
RA1	74E6	122D5
RA2	74D9	122D5
RA3	75D1	122D5
RA4	85H4	122D5
RA5	67F4	122D5
RB1	74F6	122D5
RB2	74E9	122D5
RB3	75E1	122D5
RB4	81F4	122D5
RC1	74H6	122D5
RC2	74G9	122D5
RC3	68C4	122D5
RC4	91B6	122D5
RD1	74C9	122D5
RD2	75C1	122D5
RD3	75C6	122D5
RD4	82H4	122D5
RL1	73E9	122D5
RL2	73F9	122D5
RLK	73D9	122D8
RS1	62E4	122D8
RS2	62F4	122D8
SA	80G6	122D8
SB	82H6	122D8
SC	60C9	122D8
SD	65E9	122D8
SM	62G1	122D8
SP	80D9	122D8
STR	3A1	122D8
SW	73F6	122D8
SW1	73B9	122D8
TRA	73E4	122D8
TRA2	73F4	122D8
TRB	14H5	122D8
TRB1	14H5	122D8
TRE	73G1	122D8
TRSA	73C4	122D8
TRSB	73D4	122D8
TRST	1B/C5	122D8
TRST1	1B/C5	122D8
TST	78C6	122D8
TSTI	88E9	122D8
WCK	62C4	122D8
WSF	84C4	122D8
WSM	62B4	122D8
WTL	81E1	122D8

REGISTER PRIORITY LINK (RPL)

DESIG	LOCATION FS	LOCATION CAD
EV	67D6	SEE CM CKT
HMA	72C1	SEE CM CKT
ODD	79B6	SEE CM CKT
OVFO	80H4	SEE CM CKT
OVF1	8086	SEE CM CKT

REMOTE OFFICE TEST CONTROL (ROTC)

DESIG	LOCATION FS	LOCATION CAD
FGO	68F0	115B7
FG1	68H0	115B7
FG2	68B2	115B7
TFO-2	88F0	115B7
TF4,7	88G0	115B7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
2DT	59E0	115D5
2W	59E2	115D5
I1	59F2	115D5
AO,1,2,4,7	59C7	115D0
AL	6082	115D0
AMA	76C0	115D0
AMKS	7G9	115C7
ATKT	6086	115D0
BO,1,2,4,7	60F5	115D0
BT	61C0	115D0
CO,1,2,4,7	61D2	115D0
CGA	62B0	115D0
CGB	62B0	115D0
CIB	5F7	115D0
CKGI	63B0	115D0
CL3	63H1	
CL5	63B2	
CRUO,1,2,4	64G5	115D0
CRU7	64C7	115D0
CSG1	64E7	115D0
CSG2	64E7	115D0
CTAO	65B2	115D0
CTA1,2	65B2	115D0
CTA4,7	65C2	115D0
CUO,1,2,4,7	65B5	115D0
DO,1,2,4	65H5	115D0
D7	65B7	115D0
DCT	66E0	115D0
DIS	66C2	115D0
DIS1	66D2	115D0
DNGC	66E5	115C7
DNGD	66E5	115C7
EO,1,2,4,7	67B2	115D0
EF0,1,2,4,7	65B5	SEE MTC CKT
FO,1,2,4,7	67G5	115D0
FCK	68E0	115D3
FTO-3	69G0	115D3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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LEAD INDEX FOR TABLE 1A

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
FTC	69F2	115D3
FTCK	69H2	115D3
FU0	69C7	115D3
FU1,2,4,7	69C7	115D3
FVD	70C2	115D3
GO,1,2,4,7	70E2	115D3
GPA	60C5	115D3
GPB	70D5	115C7
H7	71C0	115D3
HGO,1,2,4,7	71G0	115D3
LHM	75D5	115D3
LHMT	75E5	115D3
LK2	75F7	115D3
LK3	76B0	115D3
LT	76E2	115D3
LTI	76G2	115D3
LT2	76H2	115D3
LT3	76B5	115D3
MKT(0,1)	7E9	115D3
MOI	77C2	115D3
MRL	77G2	115D3
MT1K	77B5	115D3
MT2K	77D5	115D3
MT5	77E5	115D3
MT7K	77C5	115C7
MT8K	77G5	115D3
MT9K	77H5	115D3
MT10K	77B7	115D3
MT12	77B7	115D3
MT57	77C7	115D5
NOB	78D7	115D5
OR	79E5	115D5
OSC	80B0	115C7
PK	81H0	115D5
RA	81G5	115C7
RBT	81G5	115D5
RBTI	81H5	115D5
RCT	81C7	115D5
RCT10	82F0	115C7
ROG	83C7	115D5
ROTL	83E9	115C7
RP	83F7	115D5
RTP	1E/D7	115C7
SB	85B0	115D5
SCK	85F0	115C5
SDG	41C5	
TB	87D0	115D5
TDCT	88B0	115D5
TI	6F0,89C1	115D5
TM	6E0	115D5
TR2	59D2	115D5
TRK	59C0	115D5
TRL	90G0	115D5
TRLI	90G0	115D5
TRL2	90H0	115D5
TS	6H8	115C7
TSE1	91D0	115D5
TSE2	91D0	115D5
TST	10F5	SEE MTC CKT
TTC	91G2	115D5
TTC1	91H2	115D5

DESIG	LOCATION FS	LOCATION CAD
VF0	92F0	115D5
VF1-4	92H0	115D5
VG0,1	92F5	115D5
VG2	92G5	115D5
VG4,7	92B7	115D5
VG10	92D7	115D5
X11	94B0	115D5

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
2DT	59E0	116D2
2W	59E2	116D2
4W	59B5	116D2
A0,1,2,4,7	59C7	116D0
AL	60B2	116D0
ALT	60C2	116D8
AMA	76C0	116D0
AMKS		116D6
ATKT	60B6	116D0
B0,1,2,4,7	60F5	116D0
BT	61C0	116D0
BY	61H0	116D8
C0,1,2,4,7	61D2	116D0
CGA	62B0	116D0
CGB	62B0	116D0
CIB	5F7	116D0
CKGI	63B0	116D0
CKR	63E0	116D8
CKRI	63E0	116D8
CL3	63H0	
CL5	63B2	
CRU0,1,2,4	64G5	116D0
CSGI	64E7	116D0
CSG2	64E7	116D0
CSW	64F7	116D0
CTA0	65B2	116D0
CTAI,2	65B2	116D0
CTA4,7	65C2	116D0
CTT0,1,2,4,7	65F2	
CUD,1,2,4,7	65B5	116D0
CUT0,1,2,4,7	65C5	
D0,1,2,4	65H5	116D0
D7	65B7	116D0
DATK	66C0	
DCT	66E0	116D0
DIS	66C2	116D0
DIS1	66D2	116D0
DLTK	66B5	
DNGC	66E5	116D6
DNGD	66E5	116D6
E0,1,2,4,7	67B2	116D0
ECN	67E2	116D8
EF0,1,2,4,7	65B5	SEE MTC CKT
F	67E5	116D8
F0,1,2,4,7	67G5	116D0
FAC	67C7	116D6
FCK	68E0	116D2
FG0	68F0	116D6
FG1	68H0	116D6
FG2	68C2	116D8
FT0-3	69G0	116D2

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
FTC	69F2	116D2
FTCK	69H2	116D2
FU0,1,2,4,7	69C7	116D2
FVD	70C2	
GO,1,2,4,7	70E2	116D2
GPA	60C5	116D2
GPB	70D5	116D6
H0,1,2,4	70F7	116D8
H7	71C0	116D2
HGO,1,2,4,7	71G0	116D2
HMSI	72E0	116D2
HTO,1,2,4,7	72G2	116D6
INC	72B7	116D8
J0,1,2,4	73D0	116D6
J7	73E0	
K0,1,2,4	74G0	116D6
K7	74B2	116D6
L7	74H2	116D6
LHM	75D5	116D2
LHMT	75E5	116D2
LK2	75F7	116D2
LK3	76B0	116D2
LT	76E2	116D2
LTI	76G2	116D2
LT2	76H2	116D2
LT3	76B5	116D2
MAKI	76F7	116D2
MKTO,1	7E9	116D2
MOI	77C2	116D2
MRL	77G2	116D2
MT1K	77B5	116D2
MT2K	77D5	116D2
MT5	77E5	116D2
MT7K	77C5	116D6
MT8K	77G5	116D2
MT9K	77H5	116D2
MT10K	77B7	116D2
MT12	77B7	116D2
MT57	77C7	116D4
NDT	78H0	
NOB	78D7	116D4
OA	79G0	116D8
OB	79B2	116D8
OR	79E5	116D2
OSC	80B0	116D6
OTT	80F2	
OV	80G2	116D2
PCD	80E7	SEE MTC CKT
PCDI	80G7	116D8
PCR	81C0	SEE MTC CKT
PK	81H0	116D2
RA	81G5	116D6
RBT	81G5	116D4
RBTI	81H5	116D4
RC	81B7	116D8
RCT	81C7	116D2
RCT10	82F0	116D8
ROG	83C7	116D2
ROTI	83E9	116D6
RP	83F7	116D2
RSO	84D2	116D8
RSI	84E2	116D8
RSK	84E5	116D8

DESIG	LOCATION FS	LOCATION CAD
RTP	1E/D7	116D6
RVI	84C7	
SO-9	84F7	116D8
SB	84B0	116D2
SBT	84C0	116D8
SCK	85F0	116D2
TAN	86G5	116D2
TANI	86D7	116D0
TAN2	86E7	116D0
TAN3	86G7	116D0
TAN4	87C0	116D0
TB	87D0	116D4
TBT	87H2	116D8
TBTO-4	72B2	116D6
TBT5-9	72E2	116D6
TBTA	87B5	116D8
TBUO-4	86B5	116D6
TBU5-9	86E5	116D6
TBUA	87B5	116D2
TCA	87E5	116D6
TCB	87G5	116D6
TDCT	88B0	116D4
TF0,1,2	88F0	116D6
TF4	88G0	116D6
TF7	88G0	
THT0	88G5	116D6
THT1	88C7	116D6
THT2,3	89B0	116D8
TI	89C1	116D4
TM	6E0	116D4
TMK	89B5	116D8
TMKI	89B5	116D8
TOL	89E7	116D8
TP'	90C0	116D8
TR2	59D2	116D4
TRK	59C0	116D4
TRL	90G0	116D4
TRL1	90G0	116D4
TRL2	90H0	116D4
TS	6H8	116D6
TSE1	91D0	116D4
TSE2	91D0	116D4
TST	10G5	116D6
TT	91C2	116D4
TTO,1,2,4,7	91F2	116D8
TTC	91G2	116D4
TTC1	91H2	SEE MTC CKT
UTO,1,2,4,7	92E0	116D8
VF0	92F0	116D4
VF1-4	92H0	116D4
VG0,1	92F5	116D4
VG2	92G5	116D4
VG4,7	92B7	116D4
VG10	92D7	116D4
X11	94B0	116D4

REMOTE OFFICE TEST LINE TRUNK MAKE BUSY CKT (ROTL-TMB)

DESIG	LOCATION FS	LOCATION CAD
TB0	87F0	119B7
TB1,2	87G0	119B7
TB3,4	87H0	119B7
TB5	87B2	119B7
TB6,7	87B2	119B7
TB8,9	87C2	119B7
TSK	91E0	119B7

ROUTE DISTRIBUTOR (RD)

DESIG	LOCATION FS	LOCATION CAD
HN0,1,2,4,7	72F1	105B7
RTK	89F4	SEE MTC CKT
RTK0,1		105B7
RTK2-4		105D7
RTK5-7		105E7
T0,1,2,4,7	86G4	105B7
TRA	10E0	SEE MTC CKT
TRA0,1		105B7
TRA2,3,4		105D7
TRA5,6,7		105E7
U0,1,2,4,7	91C9	105B7

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
ITR	59C1	106D0
2TR	59C4	106D0
A0,1,2,4,7	59C9	106D0
B0,1,2,4,7	60E6	106D0
BE	85H4	106D0
C0,1,2,4,7		106D0
CC0,1,2,4	69D6	106D0
CC7	69E6	106D0
CD0,1,2,4,7	61C4	
CF0-3	90F4	106D0
CF4	90B6	106D0
CKF	68D4	106D0
CP0-2	68F6	106D0
CP3,4	68B9	106D0
CP5-7	68C9	106D0
CST0,1,2,4	82C6	106D0
CST7	85F9	106D0
CSU0	68F1	106D2
CSU1	68H1	106D2
CSU2	6884	106D2
CSU4	67E4	106D2
CSU7	79F4	106D2
D0,2,4	65H6	106D2
D7	65B9	106D2
DAC	81E4	106D2
DR0,1,2,4,7	6689	106D2

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
DRA0	89C9	106D2
DRA1	84B9	106D2
DRA2	61G4	106D2
DRA4	67C1	106D2
CRA7	83B9	106D2
DRAT0	85D9	106D7
DRAT1	88D1	106D7
E0,1,2,4,7	67B4	106D2
F0,1,2,4,7	67G6	106D2
FWR	60D1	106D7
HN0,1,2,4,7	72F1	106D2
ID0	74E9	106D5
ID1	74F9	106D5
ID2	75B1	106D5
ID4	75C1	106D5
ID7	75D1	106D5
LA0	1E/D1	106D5
LA1	1E/D1	106D5
OA0,1,2,4,7	72G4	106D5
OB0,1,2,4,7	91E4	106D5
OC0,1,2,4,7	92D1	106D5
ON	2D1	106D5
OT	75C6	106D5
RT	76D9	106D5
RTA	91G6	106D5
S0,1	84F9	106D5
S2	60D4	106D5
S3	70H4	106D5
S4	78F6	106D5
STR	3D0	106D5
STR1(1)	3C7	106D5
STR2(0)	3C6	106D5
T0,1,2,4,7	86G4	106D5
TA0	73G1	106D5
TA1	73C4	106D5
TA2	73D4	106D5
TA4	73E4	106D5
TA7	73E4	106D5
TB0	73F4	106D7
TB1	73H4	106D7
TB2	73B6	106D7
TB4	73C6	106D7
TB7	73D6	106D7
TC0	74D6	106D7
TC1	74E6	106D7
TC2	74G6	106D7
TC4	74B9	106D7
TC7	74C9	106D7
TCA	68D6	106D7
TCB	68F6	106D7
TH0,1	78D4	106D7
TH2	78F4	106D7
TH3,4	78G4	106D7
TH7		106D7
TKT	89C4	106D7

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
TRB0	14D8	106D7
TRB1	14E8	106D7
TRB1-0	14E8	106D7
TRB1-1	14F8	106D7
TRST-0	1E/D1	106D7
TRST-1	1E/D1	106D7
TSC0,1	63B9	106D7
TSC2-9	64B1	106D7
U0,1,2,4,7	91C9	106D7
WR	76E6	106D7

ROUTE TRANSLATOR CONNECTOR (RTC)

DESIG	LOCATION FS	LOCATION CAD
RTO/1	78B4	SEE CM CKT

SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING (AIS-SC)

DESIG	LOCATION FS	LOCATION CAD
OS0	79B7	80B/H3
OS1	79C7	80B/H3
OS2	79D7	80B/H3
SG	85B5	80B/H3

SENDER TEST (ST)

DESIG	LOCATION FS	LOCATION CAD
A0,1,2,4,7	59C7	101D3
B0,1,2,4,7	60F5	101D3
C0,1,2,4,7	61D2	101D3
CI	1E/D4	101B0
D0,1,2,4	65H5	101D3
D7	65B7	101D3
E0,1,2,4,7	67B2	101D3
F0,1,2,4,7	67G5	101D3
G0,1,2,4,7	70E2	101D3
H0,1,2,4	70F7	101D3
H7	71C0	101D3
J0,1,2,4	73D0	101D3
J7	73E0	101D3
K0,1,2,4	74G0	101D3
K7	74B2	101D3
L0,1,2,4	74F2	101D3
L7	74H2	101D3

SENDER TEST (ST)

DESIG	LOCATION FS	LOCATION CAD
M7	61H5,78C0	101D3
ON	2B1	101B0
SRT	66E7	101D3
STR	3B0	101B0
STR1	3C5	101B0
STR2	3C4	101B0
STRA	3D4	101B0
TRB	14A8	101B0
TRB1	14A8	101B0
TRC	12B8	101B0
TRST	1E/D4	101B0

STUCK SENDER TRUNK IDENTIFIER (SSI)

DESIG	LOCATION FS	LOCATION CAD
CH2	76F0	
CLF	80D0	
ENCO,1	80E0	SEE MTC CKT
FT0,1	69F0	
FT2	69G0	
FU0,1,2,4,7	69B7	
LH	75D5	
LLP	76F0	
OS0	79B7	
OS1	79C7	
OS2	79D7	
OS3	79F7	
OS4	79G7	SEE MTC CKT
OSG0	80D0	
OSG1,2	80E0	
OSG3,4	80F0	
OSG5	80H0	
OSG6-9	80B2	
OSG10,11	80C2	
RH	82E5	
SSA	86G0	SEE MTC CKT
SSB	86H0	SEE MTC CKT
SSTI	8682	
SW0,1,2,4,7	69E7	
SWT0	69C2	
SWT1	69C2	
VU0-2	83F2	
VU4,7	83H2	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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LEAD INDEX FOR TABLE IA

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
ITR	59D1	118D8
2TR	59C4	118D8
A0,1,2,4,7	59B9	119D0
ACD0	60D1	118D8
AL	60B4	118D4
ANC	60F4	119D2
AVG	60C6	118D6
BT	61B1	118D4
CD0,1	61C6	119D0
CD2,4,7	61D6	119D0
CH0	62F1	118D0
CH1	62H1	118D0
CH2	62B4	118D0
CH3	62D4	118D0
CH4	62E4	118D0
CH5	62G4	118D0
CH6	62B6	118D0
CH7	62D6	118D0
CH8	62E6	118D0
CH9	62G6	118D0
CK	62E9	118D2
CK1-3	66G4	118D2
CK4,5	66G4	118D2
CKG	62F9	118D2
CL1,2,4	63G1	118D2
CL3	63H1	118D2
CL5	63B4	118D2
CN0	63G6, 63D9	118D8, 119D0
CN1	63G6, 63D9	118D8, 119D0
CN2	63G6	118D8, 119D0
CN3	64C1	118D8, 119D0
CN4-9	64C1	118D8
CON	64G4	118D4
CS0-19	64C9	118D6
CT0	65B1	119D0
CT1	65D1	119D0
CT2	65F1	119D0
CU0,1,2,4,7	65B6	119D0
DCT	66E1	118D6
DCT1	66F1	118D2
DIST1	66D4	118D6
DR0-5	66C9	118D8
DRA	85E1	
DRC	66D9	119D0
DRT	66E9	119D0
DTK	67F1	

DESIG	LOCATION FS	LOCATION CAD
EXB		118D6
EXG		118D6
FAK	67F9	118D2
FBK	67G9	118D2
FCG	68C1	118D0
FCK	68E1	118D4
FM	68E4	118D2
FML	68F4	118D0
FR0	68B6	118D8
FR1	68D6	118D8
FR2	68E8	118D8
FS0-2	68G6	118D2
FS3,4	68B9	118D2
FTCK	69H4	118D6
FTK1	6986	118D0
FU'0,1,2,4,7	69E9	119D0
FUT0,1,2,4	70B1	118D8
FUT7	70D1	118D8
GLH	70C6	118D0
GT2	70B9	118D0
GTL	70E9	119D0
HG'0,1,2,4,7	71C4	119D0
HGK	71D4	118D4
HGT0	71F4	118D4
HGT1	71G4	118D4
HGT2	71C6	118D4
HGT3	71E6	118D4
HGT4	71F6	118D4
HGT5	71H6	118D4
HGT6	71C9	118D4
HGT7	71D9	118D4
HGT8	71F9	118D4
HGT9	72C1	118D4
HMS1	72E1	118D2
HTK1	72C6	118D0
HTR	72C6	118C5
IFK	72G6	118D8
ITR	73B1	119D0
JC0-4	73B4	118D0
JCK	73D6	118D2
JG0	73F6	118D2
JG1	73B9	118D2
JG2	73C9	118D2
JG3	73E9	118D2
JG4	73F9	118D2
JXP1	74D1	118D2
JXPA	74E1	118D2
LC0	74D6	118D6
LC1	74F6	118D6

DESIG	LOCATION FS	LOCATION CAD
LC2	74G6	118D6
LC3	7489	118D6
LC4	74C9	118D6
LC5	74E9	118D6
LC6	74F9	118D6
LC7	7581	118D6
LC8	75C1	118D6
LC9	75E1	118D6
LCK	7584	
LDT	7504	118D6
LFK	75F4	118D0
LK	75E9	118D8
LL0	88F6	119D0
LL1	8889	119D0
LL2	8809	119D0
LL4	88E9	119D0
LL7	88F9	119D0
LLCK	76C1	119D0
LV2-9	76D6	118D8
LXPA	76G6	118D8
LXPI	7689	118D8
MAK1	76E9	118D8
MLF	7784	118D8
MRL	77G4	118D6
MXT	77F9	118D8
OBS1	89B9	118D6
OBS2	89F6	118D6
ON	2A2	118D2
ORK	8209	
OTT	80F4	
P0-4	80B6	118D0
P5-9	80C6	118D2
PA	80E6	118D2
PK	81H1	119D0
PNR	81C4	118D2
PRR	81G4	119D0
PS	81B6	119D0
RA	81G6	118D4
RA0	8481	118D8
RA1	8481	118D8
RA2	84C1	118D8
RA3	84D1	118D8
RA4	84E1	118D8
RCY	82C4	118D2
RG0	6309	119D0
RG1	6309	119D0
RG2	64C1	119D0
RG3	64C1	119D0
RK	82B9	118D8
RK1		119D0
RK2	82D9	119D0
RK3	82E9	119D0
RL	83B1	119D2

DESIG	LOCATION FS	LOCATION CAD
RR	84C4	118D6
RT0-3	84F6	118D6
RTE0,1,2,4	69D6	118D6
SCB	84E4	119D2
SDG	85C4	119D2
SDT	85D4	118D6
SL	85C6	118D8
SQ1	86C1	118D0
SQA	8601	118D0
SNK	8589	118D6
SNR	85C9	118D4
STP1	86B4	118D4
STP2	86E4	118D4
STR	3F5	118D4
STRA	3G5	118D6
SXT	86F4	
TA	86F6	118D2
TB0	87E1	118D2
TB1,2	87F1	118D2
TB3,4	87G1	118D2
TB5	8784	119D2
TB6,7	8784	119D2
TBK	87E4	118D0
TC1	8706	118D8
TCHK	87E9	118D4
TCK	87F9	118D2
TG0,1	88B4	118D2
TG2-4	88C4	118D2
TG5	88D4	118D8,119D2
TG6-9	88E4	119D2
TG10-14	88E4	119D2
TG15-19	88F4	119D2
TI	89B1	118D8
TIR	14G8	118D6
TK	89B4	118D2
TM	89G4	118D6
TP0	84C4	118D6
TP1	84C4,E4	118D6
TP2	84F4	113D6
TP3	84G4	118D6
TP4	84H4	118D6
TRL	90F1	118D4
TRS	90C4	118D4
TRSI	1F/G5	118D6
TRST	1F/G4	118D6
TS0-3	90G4	118D0
TS4	90C6	118D0
TS5	90E6	118D0
TS6-9	90F6	118D0
TS10-12	9089	118D0
TS13,14	90D9	118D0
TS15	90E9	118D0
TS16-19	90G9	118D0
TSA	91B1	119D2
TSE	91C1	118D6

DESIG	LOCATION FS	LOCATION CAD
TSQ0	78C6	119D2
TSQ1	78D6	119D2
TSQ2	78E6	119D2
TSQ4	78F6	119D2
TSQ7	91G1	119D2
TTG0,1	87F4	118D8
VF'0-4	92B4	119D2
VFT0	92D4	118D4
VFT1	92F4	118D4
VFT2	92H4	118D4
VFT3	92C6	118D4
VFT4	92D6	118D4
VG'0,1,2,4,7	92E9	119D2
VG'10	9381	119D2
VGT0	9301	
VGT1	93F1	
VGT2	9351	
VGT3	9384	
VGT4	93D4	
VGT5	93E4	119D2
VGT6	93F4	119D2
VGT7	93H4	119D2
VGT8	9386	119D2
VGT9	93D6	119D2
VGT10	93F6	119D2
VGT11	93G6	119D2
VTK1	93C9	118D2
WT	93E9	118D6
XBT	94E1	118D0
XCH	94G1	118D4
XCL	94D4	118D4
XCS	94H4	119D2
XHG	94H6	118D2
XI	94E9	119D2
XJC	95C1	118D0
XJG	95E1	118D0
XJS	95F1	118D2
XLC	9584	118D4
XLG	95F4	118D4
XLH	95H4	118D2
XLO	9586	119D2
XLR	95D6	118D0
XLS	95F6	118D0
XLV	95H6	118D0
XMRL	95B9	119D2
XRL	96B1	119D2
XSL	96C4	118D4
XTB1	96H4	119D2
XTC	75H6	118D8
XTC1	75B9	118D8
XTG1	96D6	11804
XTRK	96E6	118D0
XTRL	96F6	118D0
XTS	96H6	11804
XTS.	96C9	11804

DESIG	LOCATION FS	LOCATION CAD
XVGA	94C9	118D8
XVGB	94C6	118D0

TRANSFER LINE LINK MARKER CONNECTOR (TLLMC)

DESIG	LOCATION FS	LOCATION CAD
CN0,1 CNG	27D3	90D7
DIF	67C1	90D7
FR0	68B6	90D7
FR1	68C6	90D7
FRG	27D8	
MG	28F3	SEE DTM CKT
RG0,1	63C9	

TRANSFER REGISTER MARKER CONNECTOR-MARKER PART (TRMC-MP)

DESIG	LOCATION FS	LOCATION CAD
RGG	28D3	72A2,111D0
RIK	82G6	
XHG1	94B9	SEE CM CKT
XHGA	94B9	
XL	95G1	

TRANSFER REGISTER MARKER CONNECTOR-REGISTER PART (TRMC-RP)

DESIG	LOCATION FS	LOCATION CAD
RG0,1	63C9	90E7
RG2-9	6481	90E7
RG10-15	64E1	90E7

TRANSFER TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
2DT	59E0	109D8
2L1		3984,109D6
2W		109D8
A0,1,2,4,7	59C7	109D0
AL	60B2	109D0
AMA	76C0	109D0
BT	61C0	109D0
CGA	62B0	109D0
CGB	62B0	109D0
CIB	5E7	100C7,109D0
CKG1	63B0	109D0
CRU0,1,2,4	64G5	103B0
CRU7	64C7	109D0

TRANSFER TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
CSG1	64E7	109D0
CSG2	64E7	109D0
CTA0	65B2	109D0
CTA1,2	65B2	109D0
CTA4,7	65C2	109D0
CU0,1,2,4,7	65B5	109D0
D0,1,2,4	65H5	109D0
D7	6587	109D0
DCT	66E0	109D0
DIS	66C2	109D2
DIS1	66D2	109D2
E0,1,2,4,7	67B2	109D2
ECN	67E2	109D2
EF0,1,2,4,7	65B5	
F	67E5	109D2
F0,1,2,4,7	67G5	109D2
FCK	68E0	
FG0	68F0	109D2
FG1	68H0	109D2
FG2	68C2	109D2
FT0-3	69G0	109D2
FTCK	69H2	109D2
FU0,1,2,4,7	69C7	109D2
FVD	70C2	109D2
G0,1,2,4,7	70E2	109D2
GPA	60C5	109D5
GPB	70D5	109E5
H0,1,2,4	70F7	109D2
H7	71C0	110C0
HG0,1,2,4,7	71G0	109D2
HMS1	72E0	109D2
HT0,1,2,4,7	72G2	109D4
INC	72B7	109D4
J0,1,2,4	73D0	109D4
J7	73E0	109D4
K0,1,2,4	74G0	109D4
K7	7482	109D4
KM	74E2	75C/H7,109D6
L7	74H2	109D4
LHM	7505	109D4
LHMT	75E5	109D4

TRANSEER TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
LK2	75F7	109D4
LK3	7680	109D4
LT	76E2	109D4
LT1	76G2	109D4
LT2	76H2	109D4
MKS	7F8	100C7,109D4
MKT(0,1)	383,109D4	
MO1	77C2	109D4
MRL	7762	109D4
MT1K	77C5	109D4
MT2K	77D5	
MT5	77E5	109D4
MT8K	77G5	
MT9K	77H5	
MT10K	77B7	
NOBT	78E7	109D4
OR	79E5	109D4
PCD	80E7	109D4
PCD1	80G7	109D4
PCR	81C0	109D4
PR	81H0	109D4
POTS	81D2	75C/H7
RA	81G5	109D4
RBT	81G5	109D4
RBT1	81H5	109D4
ROG	83C7	109D4
RP	83F7	109D6
SB	8480	109D6
SBT	85C0	109D6
SCK	85F0	109D6
SPL	86B0	
TAN	8687	109D6
TAN1	86D7	109D6
TAN2	86E7	109D6
TAN3	86G7	109D6
TAN4	87C0	109D6
TB	87D0	
TBT	87H2	109D6
TCA	87E5	109D6
TCB	87G5	109D6
TDCT	8880	109D6
TF0-2	88F0	109D6
TF4,7	88G0	109D8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TRANSFER TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
THTO	88G5	109D8
THTI	88C7	109D8
THT2,3	89B0	109D8
TI	89C1	100C7,109D8
TM	6D0	100C7,109D8
TMK	89B5	109D8
TMKI	89B5	109D8
TR2	59D2	109D8
TRK	59D0	109D8
TRL	89G0	109D8
TRLI	90G0	109D8
TRL2	90H0	109D8
TS	6E8	100C7,109D8
TSEI	91D0	109D8
TST	91B2	100C7,109D8
TSTL	91B2	
TTO,1,2,4,7	91F2	109D8
TTR	91D6	100C7,109D8
TTRP(2ND)	1E/D5	100C7,109D8
UTO,1,2,4,7	92E0	109D8
VF0	92F0	109D8
VF1-4	92H0	109D8
VG0,1	92E5	109D8
VG2	92G5	109D8
VG4,7	92B7	109D8
VG10	92D7	
X11	94B0	109D8

TRANSFER TRUNK LINK (TTL)

LC0	74D6	
LC1	74E6	
LC2	74G6	
LC3	74B9	
LC4	74C9	
LV0,1	76C6	
LV2-9	76D6	

TRANSFER TRUNK LINK CONNECTOR (TTLC)

TRA	10G0	
TSK	91E1	SEE DTM CKT

TRANSLATOR ACCESS CKT (TA)

ITR	59B1	
2TR	59D4	
CI	1A/B2	154A2-D2
EF	87D4	
EVG	75F6	

TRANSLATOR ACCESS CKT (TA)

DESIG	LOCATION FS	LOCATION CAD	
FUO	68H4		
FU1	75C9		
FU2	89E1		
FU3	60D9		
FU4	82E6		
FTO	81D6		
FTI	81B4		
FT2	89C6		
FT3	67B6		
FT4	80B9		
FT5	68G4		
GC	95F4		
HGO,1,2,4,7	71G1		
OF	87E4		
OVG	84D6		
RCCK	11G5	152A4,A7	
RPT	70G1		
SC	85C1		
TGR	94F4		
TI	6H2		
TNK	96B9		
TPT	70F1		
TRB	13C8	154A2-D2	
TRST	1A/B2	154A2-D2	
TS	5A2		
TVA	1A/B3	154A2-D2	
TVB	1A/B3	152A4,A7	
TVCO0	29G/D5	152G1	
TVCO1	29G/F5	152G1	
TVCO2	29G/G5	152G1	
TVC10	29G/D5	152G1	
TVC11	29G/F5	152G1	
TVC12	29G/G5	152G1	
TVT	78F1		
VFO	92F1		
VF1-4	92H1		
VGO	80F4		
VG1	61H1		
VG2	79B6		
VG3	81E6		
VG4	75G1		
VG5	87C9		
XET	89G1		
XTL	75F9		
XVF	85G6		
XVG	62E1		

TRANSLATOR ADMINISTRATION AND TEST (TAT)

AO,1,2,4,7	59C9	107D0
BO,1,2,4,7	60E6	107D0
CO,1,2,4,7		107D0

TRANSLATOR ADMINISTRATION AND TEST (TAT)

DESIG	LOCATION FS	LOCATION CAD	
CDO,1,2,4,7	61C4		
DO,1,2,4	65H6	107D0	
D7	65B9	107D0	
EO,1,2,4,7	67B4	107D0	
FO,1,2,4,7	67G6	107D0	
GO,1,2,4,7	70E4	107D0	
HO,1,2,4,7	70F9	107D0	
H7	71B1	107D0	
JO,1,2,4,7	73D1	107C2	
J7	73E1	107C2	
KO,1,2,4	74G1	107C2	
K7	74B4	107C2	
LO,1,2,4	74F4	107C2	
L7	74H4	107C2	
MO,1,2,4	64F6	107C2	
M7	78B1	107C2	
NO,1,2,4	70F6	107C2	
N7	70G6	107C2	
STR1	3D7	107C2	
STRA	3E7	107C2	

TRANSVERTER (TV)

ITR	59B1	86C5,121A/A0
2L	81E9	86D2,121A/F3
2TR	59B4	86C5,121A/A0
2W	84G1	86F2,121A/F3
4DG	59G4	86D2,121A/F3
4L	81F9	86D2,121A/F3
4W	84F1	86F2,121A/F3
5DG	59D6	86D2,121A/F3
AO,1,2,4,7	59C9	86C7,121A/A3
A'O	59E9	86G2,121A/A0
A'2	59G9	86G2,121A/A0
AC	79G9	86C5,121A/A0
AOS	69E4	86D2,121A/A3
ATO,1,2,4,7	70F4	121A/A0
BO,1,2,4,7	60F6	86C7,121A/A3
B'O,1,2,4,7	60H6	86G2,121A/A0

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
BA	96F4	86C5,121A/A0	
B10,1,2,4,7	71C1	121A/A0	
BY	94B6	86C5,121A/A0	
C	61B4	86G2,121A/A0	
CO,1,2,4,7	61C4	86C7,121A/A3	
C'O,1,2,4,7	61E4	86G2,121A/A0	
CDO,1,2,4,7		86D2,121A/A3	
CI	1A/C5	86G0,121A/B5	
CI1	94D4	86C5,121A/A0	
CI1T	62C9	86C5,121A/A0	
CI2	66B1	86C5,121A/A0	
CI2T	62C9	86C5,121A/A0	
CI3	67D1	86C5,121A/A0	
CI3T	62C9	86C5,121A/A0	
CI4	95C9	86C5,121A/A0	
CIFA	9509	86C5,121A/A0	
CIFAT	62C9	86C5,121A/A0	
CK	95E1	86C5,121A/A0	
CK1	95E6	86A5,121A/A0	
CK2	95G4	86A5,121A/A0	
CK4	95B6	86F2,121A/F3	
CK7	94G4	86F2,121A/E3	
CKG	95E4	86C5,121A/A0	
CMB	65E4	86G2,121A/A0	
CPO,2,4	6486	86D2,121A/E3	
CP1,7	64C6	86D2,121A/E3	
CTO,1,2,4,7	73F1	121A/A0	
DO,1,2,4	65H6	86C7,121A/A3	
D7	6589	86C7,121A/A3	
D'O,1,2,4,7	65D9	86G2,121A/A0	
DIST	66E4	86C5,121A/A0	
DNK	84D9	86D2,121A/F3	
DS	9584	86G2,121A/A0	
DTK	67G1	86C5,121A/A0	
DTKI		86C5	
DTKA	67G1	86G2,121A/A0	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
DTN	96C6	86G2,121A/A0	
DTW	79B9	86C5,121A/A0	
EO,1,2,4,7	67B4	86F5,121A/A3	
E'O,1,2,4,7	67D4	86G2,121A/A0	
EXB			
EXG			
EXT	94F1	86C5,121A/A0	
FO,1,2,4,7	67F6	86F5,121A/A3	
F'O,1,2,4,7	67H6	86G2,121A/A0	
FABC	76C4	86F2,121A/F3	
FACK	94F6	86F2,121A/F3	
FTO-3	69G1	86D2,121A/F3	
FUO,1,2,4,7	69B9	86D2,121A/F3	
GO,1,2,4,7	70E4	86F5,121A/A0	
GC	95E4	86C5,121A/A0	
HO,1,2,4	70F9	86F5,121A/A0	
H7	71B1	86F5,121A/A0	
HNO-4	72G1	86F2,121A/F3	
HN5-9	72D4	86F2,121A/F3	
IC	96E1	86C5,121A/A0	
ICK	72F6	86G2,121A/A0	
IOD	69D4	86D2,121A/A3	
IR	72C9	86G2,121A/A0	
IRY	96D4	86C5,121A/A0	
JO,1,2,4	73D1	86F5,121A/A0	
J7	73E1	86F5,121A/A0	
KO,1,2,4	74G1	86C5,121A/A0	
K7	74B4	86C5,121A/A0	
L	83C1		
LO,1,2,4	74F4	86F2,121A/F3	
L5D	82E6	86D2,121A/F3	
L7	74H4	86B7,121A/F3	
LCP	67D1	86C5,121A/A0	
LST	75D6	86D2,121A/F3	
M7	78B1	86F2,121A/F3	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
MB	9F3	86G0,121A/B5	
MBO,1,2	77B1	86D2,121A/F3	
MR4,7	77C1	86D2,121A/F3	
MC	77D1	86C5,E5, 121A/A0,D0	
MOA	77D4	86C5,E5, 121A/A0	
MRRL	95D9	86C5,121A/A0	
MRST	95C9	86C5,121A/A0	
NAC	62C1	86C5,121A/A0	
NID	69B4	86D2,121A/A3	
NOB	78D9	86C5,121A/A0	
NSP	89B9	86D2,121A/A3	
OARO-2	66F4	86F2,121A/F3	
OBS	79D4	86C5,121A/A0	
OF	95B9	86F2,121A/F3	
OFFO-3	90F4	86F2,121A/F3	
OFF4	90B6	86F2,121A/F3	
OFF5	90D6	86F2,121A/F3	
OFF6-9	90G6	86D2,121A/A3	
OFT	68D1	86D2,121A/A3	
OFTO-2	90B9	86D2,121A/A3	
OPI	94C6	86C5,121A/A0	
P	82F6	86G2,121A/A0	
PI	95C6	86G2,121A/A0	
P5	9484	86C5,121A/A0	
PA	80F6	86G2,121A/A0	
POTS	86H1	86C5,121A/A0	
PRE	94F9	86C5,121A/A0	
PT	95B1	86G2,121A/A0	
PT1	96G4	86G2,121A/A0	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
RA1	74D6	86F5,121A/A0	
RA2	74D9	86F5,121A/A0	
RA3	75D1	86F5,121A/A0	
RB	94C9	86C5,121A/A0	
RB1	74F6	86C5,121A/A0	
RB2	74E9	86C5,121A/A0	
RB3	75E1	86C5,121A/A0	
RC1	74G6	86D2,121A/A3	
RC2	74F9	86D2,121A/A3	
RC3	68C4	86D2,121A/A3	
RCCK	11F5	86B4,121A/B5	
RCI	21A1	86G0,121A/B5	
RD	9566	86G2,121A/A0	
RD1	74B9	86C5,121A/A0	
RD2	75B1	86C5,121A/A0	
RD3	75B6	86C5,121A/A0	
RDL	82E4	86G2,121A/A0	
RK	86E4	86C5,121A/A0	
RL	76B4	86C5,E5, 121A/A0,E0	
RLA	83C1	86C5,121A/A0	
RLR	75G6	86D2,121A/F3	
RNO-2	83F4	86F5,121A/A0	
RN4,7	83H4	86F5,121A/A0	
RNA	21B2	86E1,121A/D3, F3	
RNTO	79G4	86D2,121A/A3	
RNT1	60E1	86D2,121A/A3	
RNT2	81B6	86G2,121A/A0	
RPT	70G1	86D2,121A/F3	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
RSTO,1	63D9	86A5,121A/A0	
RST2-9	64C1	86A5,121A/A0	
RST10-15	64F1	86D2,121A/A3	
RST16-19	64C4	86D2,121A/A3	
RST20	85B4		
RST21	91C4		
RST22	59E1		
RST23	70C4		
RST24	94C1		
RST25	59F6	86H2,121A/A0	
RST26	79G1		
RST27	7984		
RST28	81F1		
RST29	88D6		
SC	85D1	86C5,121A/A0	
SCH	79D9	86C5,121A/A0	
SNC	79F9	86C5,121A/A0	
SP	74D1	86D2,121A/F3	
SPC	89G6	86D2,121A/A3	
SPL	86B1	86G2,121A/A0	
TO-4	86H4	86F2,121A/F3	
T5-9	86C6	86F2,121A/F3	
TBY	94D1	86F2,121A/F3	
TCI	1A/C4	121A/D3	
TCT	88B1	86G2,121A/A0	
TF4	94C4	86C5,121A/A0	
TET	88E1	86C5,121A/A0	
TGR	94F4	86D2,121A/F3	
TH0,1	78C4		
TH2	78E4		
TH3,4	7864	86F2,121A/F3	
TH5-9	78B6		
TIC	89D1	86C5,121A/A0	

MASTER TEST FRAME CONNECTOR ~~CKT~~

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LEAD INDEX FOR TABLE IA

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD
TIK	89E1	86C5,121A/A0
TM	6E5	86F0,121A/D5
TMI	93F9	86F5,121A/A0
TM2	85E4	86F5,121A/A0
TM2T	93F9	86F5,121A/A0
TM3T	85E4	86F5,121A/A0
TNK	96B9	86C5,121A/A0
TNO	89E6	86D2,121A/F3
TOK	94D9	86C5,121A/A0
TOP	89F9	86D2,121A/F3
TPT	70E1	86F2,121A/F3
TR	72E9	86A5,B5, 121A/A0,C0
TRA	90E1	86C5,121A/A0
TRB	13C8	86G0,121A/B5
TRL	96B4	86C5,121A/A0
TRP		86H2,121A/A0, B0
TRS	90D4	86A5,121A/A0
TRST	1A/C5	86G0,121A/B5
TRTO,1,2,4	82C6	121A/A0
TRT7	85F9	121A/A0
TRUO	68F1	121A/A0
TRU1	68G1	121A/A0
TRU2	68B4	121A/A0
TRU4	67E4	121A/A0
TRU7	79F4	121A/A0
TSL	91F1	86D2,121A/F3
TTT	84B4	86A5,121A/A0
TVA	1A/A3	86G0,121A/B5
TVB	1A/A3	86G0,121A/B5
TVT	11C2	86G0,121A/B5
TVT3(-)	21D2	86G0,121A/B5
TVTA(-)	8E5	86G0,121A/B5
U0-4	91D9	86F2,121A/F3
U5-9	91F9	86F2,121A/F3
UK	92C1	86G2,121A/A0
VG0,1	92E6	86D2,121A/F3
VG2	9266	86D2,121A/F3
VG4,7	9289	86D2,121A/F3
VG10	92D9	86D2,121A/F3

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD
W	79C9	86C5.121A/A0
X	76C9	86F2,121A/F3
X2P	85F6	86C5,121A/A0
XCK	83D6	86C5,121A/A0
XDS	66F1	86C5,121A/A0
XET	89G1	86F2,121A/F3
XIC	66E1	86D2,121A/F3
XICK	84D6	86C5,121A/A0
XNL	60D6	86F2,121A/F3
XOF	83C6	86F2,121A/F3
XP	66F1	86C5,121A/A0
XRB	6F34	86C5,121A/A0
XRD	8-F6	86C5,121A/A0
XRE	83B9	86F2,121A/F3
XRL	70C9	86C5,121A/A0
XRN	71D4	86F2,121A/F3
XRST	64G4	86F2,121A/F3
XS	82F9	86F2,121A/F3
XST	70D6	86A5,121A/A0
XT	96F4	86G2,121A/A0
XTKK	80B1	86C5,121A/A0
XTS	66E1	86D2,121A/F3
XU	66D4	86C5,121A/A0
XVF	85G6	86F2,121A/F3
XVG	62D1	86F2,121A/F3

TRANSVERTER CONNECTOR (TVC)

DESIG	LOCATION FS	LOCATION CAD
FRI-4	68D6	89F7,127D0
FRG	27F8	89D7,127D0
HG0,1,2,4,7	71G1	
SO-14	84E9	89F7,127D0
SG	28G3	89D7,127D0
SWO,1,2,4,7		89B7,127D0
VFO	92F1	89B7,127D0
VF1-4	92G1	89B7,127D0

TRANSVERTER CONNECTOR (TVC)

DESIG	LOCATION FS	LOCATION CAD
CD0	65C1	89B7,127D0
CD1	65E1	89B7,127D0
CD2	65F1	89B7,127D0
CD4,7	62C1	89B7,127D0
CN0,1	63F6	89F7,127D0
CN2	63G6	89F7,127D0
CNG	27F3	17E7,89D7, 127D0
FRO	68B6	89F7,127D0

TROUBLE RECORDER CONNECTOR (TRC)

DESIG	LOCATION FS	LOCATION CAD
CN0-2	63G6	80B/D0
CN3	63B9	80B/D0
FRO	68B6	80B/D0
FR1	68C6	80B/D0
FR2	68E6	80B/D0
FR3	68F6	
RPO	84B1	80B/D0
RP1	84C1	80B/D0
RP2	84D1	80B/D0
RP3	84D1	80B/D0
RP4	84E1	80B/D0
RPAB	84F1	80B/D0
RPB	84F1	80B/D0
RPSA	84B4	80B/D0

TRUNK CONTROL CKT (TC)

DESIG	LOCATION FS	LOCATION CAD
ALO	67C9	120B5,D5
AL1	60B4	120B5,D5
AL2	60C6	120B5,D5
AL4	70D6	120B5,D5
AL7	65E6	120B5,D5
ALS	67B9	120B7,F7
ARO	64E4	120B5,D5
ARI	66F6	120B5,D5
AR2,4,7	60F4	120B5,D5
ARS	79D6	120B7,F7
BA	96F4	120B7,F7
DS	95B4	120B7,F7
DTK	60D4	120B7,F7
IPA	93F1	120B7,F7
MRRL	95E9	120B7,F7
MRST	95C9	120B7,F7
ON	2F6	120F5
OTO	93B4	120B5,D5
RC(-)	21B2	120F5
RCCK	11F5	120F5
RD	95G6	120B7,F7
RSTO,1	63E9	87H0
RST2-9	64D1	87H0
RST10-15	64G1	87H0,95D1
RST16-19	64D4	87H0,95D1
SP	74D1	120B7,F7

TRUNK CONTROL CKT (TC)

DESIG	LOCATION FS	LOCATION CAD
TO,1,2,4,7	91E4	120B5,D5
TBL		SEE AMAR CKT
TC	74D1	
TCI	21B1	120F5
TCNO,1	63E9	120F5
TCN2-9	64D1	120F5
TCN10-15	64G1	120F5
TCN16-19	64D4	120F5
TM	6G3	120B7,F7
TNR		120B7,F7
TRB	14B2	120F5
TRCA	28A8	120F5
TRCB	28A8	120F5
TRCC	28B8	120F5
TRL	96B4	120B7,F7
TRST	1B/B0-B3	120F5
TTKL	66B1	120B7,F7
TV	93E1	120B7,F7
UO,1,2,4,7	92D1	120B5,D5
XOST	7286	120B7,F7
XPI	80D4	SEE AMAR CKT
XRB	66B4	120B7,F7
XRLI	9389	120B7,F7
XRTL	75F4	120B7,F7
XTI	86F6	120B7,F7
XTC	9686	120B7,F7
XTL	9606	120B7,F7
XTOK	69B6	120B7,F7
XTP	80D4	120B7,F7
XUI	80E4	120B7,F7

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LC0	74D6	90F0
LC1	74E6	90F0
LC2	74G6	90F0
LC3	74B9	90F0
LC4	74C9	90F0
LC5	74D9	90F0
LC6	74F9	90F0
LC7	75B1	90F0
LC8	75C1	90F0

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LC9	75E1	90F0
LVO,1	76C6	90F0
LV2-9	76D6	90F0
LVR	76F6	90F0
LVS	76F6	90F0

TRUNK LINE CONNECTOR (TLC)

DESIG	LOCATION FS	LOCATION CAD
TRA	10F0	74C2,83G0, 111E0,H5
TSK	91E1	SEE CM, DTM CKT
TST	10E8	74C2,83G0, 111E0,H5
TTA	10D8	74C2,111E0
TTM	10C8	74C2,111E0

TRUNK TEST (TT)

DESIG	LOCATION FS	LOCATION CAD
AMA	76C0	
FSO-2	68G5	120C0
FS3,4	68B7	120C0
FS5-7	68D7	120C0
FS8,9	68E7	120C0
FS10-14	68F7	120C0
FS15-19	68G7	120C0
FS20	6980	120C0
FS21	69C0	120C0
FS22-26	69D0	120C0
FS27-29	69E0	120C0
ROT	83D7	
TSO-3	90G2	120C0
TS4	90C5	120C0
TS5	90E5	120C0
TS6-9	90F5	120C0
TS10-12	90B7	120C0
TS13,14	90D7	120C0
TS15	90E7	120C0
TS16-19	90G7	120C0

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
CIA	1F/D0	
CIA1	1F/D4	100C4
CIA2		100C4
CP1,2,4,8	69C9	100D2
CP16	92F6	100D2
DIS	69G1	100D2
FTO	80D1	100D2
FT1	80E1	100D2
FU0	80E1	100D2
FU1,2	80G1	100D2
FU4	80H1	100D2
FU7	80B4	100D2

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
GRP0,1	80B4	100D2
LT0		100D2
LT1,2	80C4	100D2
LT4	8661	100D2
LT7	86H1	100D2
LU0	79B9	100D2
LU1	79C9	100D2
LU2	79D9	100D2
LU4	79E9	100D2
LU7	79F9	100D2
ON	2C1	100C4
OP	1F/F0	
OP1	1F/F4	100C4
OP2		100C4
RSD	69C9	100D2
SD	69G1	100D2
SR	69G1	100D2
STR	3D0	100C4
TER	69G1	100D2
TM5	92F6	100D2
TRB	12E2	100C4
TRB1	12E2	100C4
TT0	62D1	100D2
TT1	83G6	100D2
TT4,7	91F4	100D2
TU0,1	91E6	100D2
TU2	83E6	100D2
TU4	79F6	100D2
TU7	79G6	100D2
WC	93D9	100A5,C4

MASTER TEST FRAME CONNECTOR CKT

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1A (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
1TR	5980	S7,00F S7,00B
2DT	59D0	S3,02F
2L	81E7	SA3,31B
2LN	59F0	R5,44F
2P	87F5	S2,13F
2TR	5982	S7,01F S7,01B
2W	59D2, 84F0	A88,2F, S6,00B
3AM	93G5	SA4,52B
3ANT	93E5	SA4,51B
4B	59F2	RA7,34F
4DG	59F2	R3,31F R3,31B
4L	81F7	SA3,32B
4W	5985, 84F0	AB7,2F, S6,01B
4WL	70G0	SA4,30B
4WT	70E0	SA4,24B
5DG	59C5	R3,32F R3,32B
5I	59D5	RA7,40F
7DG	71F2	SA3,01B
7T	91G0	AB4,11F
11	59E5	S3,10F
A'	59G5, 93E2	RA2,44F, SA4,42B
A0,1,2,4,7	59B7	S1,00-04F S1,00-04B
A'0	59D7	S0,00F S0,00B
A'1	59E7	S0,01F S0,01B
A'2	59F7	S0,02F S0,02B
A'4,7	60B0	S0,03,04F
ABX	82B0	SA3,34B
AC	71E2, 79F7	SA3,00B R4,33B
AC8	60B0	R4,41F
ACD	60C0	R3,50F R3,50B
ACDO	60C0	S8,12F
ACTA	88E7	RA5,03P
ACTB	88F7	RA5,04B
AD	60D0	R3,21F R3,21B
AD'	60E0	R3,23F

DESIG	LOCATION FS	LOCATION CARD
AG1	64E5	AB1,11F
AG2	72D0	AB0,03F
AGCK	60F0	RA7,33F
AIOD	89B2	SA7,00B
AIODTO	87E0	SA1,00B
AIODT1,2	87F0	SA1,01,02B
AIS	60F0	R4,54F
AK	60G0	RA2,50F
AL	60B2	R6,12F
ALO	67B7	R6,11B
ALI	60B2	R6,12B
AL2	60C5	R6,13B
AL4	70D5	R6,14B
AL7	65E5	R6,20B
ALN	85C7	S6,23F
ALS	67B7	R6,10B
AMA	76B0	S6,32F
AN	60C2	RA2,22F
ANC	60F2	R2,54F
AOS	69D2	R0,02B
AOT	60D2	SA6,14F
ARO	64E2	R6,22B
ARO,1	60H2	S2,30,31F
ARI	66F5	R6,23B
AR2,4,7	60B5	S2,32-34F
AR2,4,7	60F2	R6,24,30,31B
ARET	60G2, 66E7, 91E5	S8,24F S8,04B S8,32B
ARS	79D5	R6,21B
ASK	86G5	S3,23B
ASP	96C0	SA6,44B
ATO	76F2	S3,40B
ATO,1,2,4,7	70F2	R7,00-04B
ATI	76G2	S3,41B
AT2	76B5	S3,42B
ATKT	60B5	S8,03F
ATT	66C7	S8,03B S6,31F
AVG	60C5	R6,13F
AVKI	60D5	SA7,24F
B	93G2	SA4,43B
B0,1,2,4,7	60E5	S1,10-14F S1,10-14B
B'0,1,2,4,7	60G5	S0,10-14F S0,10-14B
BA	96F2	SA6,12B
BAR	66B5	RA4,32B
BBFC	76B0	S6,32B
(BE)	85G2	RA7,22B
BIO	88G2	S6,34B
BII	63B5	S6,40B
BIRA	92F2	SA3,22B

DESIG	LOCATION FS	LOCATION CARD
BLO,1,2,4,7	84B5	RA5,40-44B
BLDA	60B7	RA4,23F
BLT	60B7	RA4,21F
BN	60C7	RA1,14F
BRO	77E0	RA5,50B
BRO,1,2,4,7	60E7	S2,40-44F
BRI	6385	RA5,51B
BR2	7887	RA5,52B
BR4	86B2	RA5,53B
BR7	86D2	RA5,54B
BRL	60D7	AB5,10F
BSP	95F7	SA6,43B
BT	61B0	SA6,53F
BTO,1,2,4,7	71C0	R7,10-14B
BWO-29	20E5-E8, 61D0	R0-8
BW30-59	20E5-E8, 61E0	RA0-8
BW60-89	20E5-E8, 61F0	S0-8
BW90-119	20E5-E8, 61F0	SA0-8
BWX0,1	20E8,61E0	AB0-8
BWX2	20E8,61F0	AB0-8
BWX3	20E8,61G0	AB0-8
BY	61G0, 9485	RA1,24F SA5,54B
C0,1,2,4,7	61B2	S1,20-24F S1,20-24B
C'0,1,2,4,7	61D2	S0,20-24F S0,20-24B
CAMA	61F2	S7,41F
CAMF	61G2	S3,33F
CAMS	61B5	S3,34F
CCO-3	69C5	SA4,00-03B
(CCO,1,2,4)	69C5	SA4,00-03B
CC4	69E5	SA4,04B
CC5	69F5	SA4,10B
CC6-9	70B0	SA4,11-14B
(CC7)	69E5	SA4,04B
[CCSP]	87F5	S2,13B
CDO	65B0	R1,50B
CDO,1	61B5	AB6,5,2F
CD1	65C0	R1,51B
CD2	65E0	R1,52B
CD2,4,7	61C5	AB4,3,2F
CD4,7	62B0	R1,53,54B
CD'0,1,2,4,7	61D5	AB6,5,4,3,2 3F
CDA0,1,2,4	61E5	RA4,40-43F
CDA7	61G5	RA4,44F
CDA'0 1,2,4	61B7	RA4,50-53F
CDA'7	61C7	RA4,54F
CDCO	70C7	S7,20B
CDC1	86D0	S7,21B

DESIG	LOCATION FS	LOCATION CARD
CDN	61D7	S2,24F
CE'	61F7	AB6,10F
(CFO-3)	90F2	RA8,00-03B
(CF4)	9085	RA8,04B
CGA	6280, 83D0	R1,53F R3,00B
CGB	6280, 83E0	R1,54F R3,01B
CGC	62C0	R4,34F
CGT	62D0	SA7,54F
CHO	62E0, 78F5	RA5,10F, RA4,03B
CH1	62G0, 9180	RA5,11F, RA4,04B
CH2	6282, 76F0	RA5,12F, RA4,10B
CH3	62C2	RA5,13F
CH4	62E2	RA5,14F
CH5	62F2	RA5,20F
CH6	6285	RA5,21F
CH7	62C5	RA5,22F
CH8	62E5	RA5,23F
CH9	62F5	RA5,24F
CI1	94D2	SA5,32B
CI2	6680	SA5,30B
CI3	67D0	SA5,23B
CI4	95C7	SA5,22B
CIFA	9507	SA5,24B
CIK	67C7	S3,21B
CK	62E7, 8280, 95E0, 95E5	SA8,20F SA3,33B SA6,24B SA5,03B
CK1	95E5	SA5,03B
CK1-3	66F2	R2,30-32F
CK2	95G2	SA5,04B
CK4	95B5	SA5,10B
CK4,5	66G2	R2,33,34F
CK7	94G2	SA5,02B
(CKF)	68C2	RA7,20B
CKG	62F7, 71E2, 95E2	SA8,01F, SA3,00B SA5,01B
CKLO,1,2,4	61E5	RA4,40-43B
CKL7	61G5	RA4,44B
CKLS	87B7	RA4,33B
CKO	63C0	RA2,42F
CKR	63D0	RA2,43F
CKRO,1,2,4	61B7	RA4,50-53B
CKR7	61C7	RA4,54B
CKRS	87B7	RA4,34B
CLO,1,2,4,7	80B5	RA6,40-44B
CLI,2,4	63F0	R2,41,42,44F
CL3	6360	R2,43F
CL5	63B2	R2,50F
CL6	63C2	R2,51F
CL7	63C2	R7,52F
CL8	63D2	R7,53F

DESIG	LOCATION FS	LOCATION CARD
CLF	80C0	R4,00B
CLG	63E2	RA7,42F
CLK	87F7	RA7,50F
CLT1,2	63F2	RA7,43,44F
CM	6385	RA5,51F
CM3	6385	S6,40F
CMA	63C5	S6,41F
CMB	63D5	S6,42F
CMC	63D5	S6,43F
CMK	89D7	S5,24F
CN	63E5	R6,50F
CNO,1	63F5	R5,10,11F
CNO,1	6387	S4,00,01F
CNO-2	6365	S5,20-22F
CN2	6365	R5,12F R5,12B
CN2-9	6480	S4,02-04, 10-14F
CN3	63H5	R5,13F R5,13B
CN3	6387	S5,23F
CN10-15	64E0	S4,20-24,30F
CN16-19	6482	S4,31-34F
CPO,2,4	6435	R2,00,02,03F R2,00,02,03B
(CPO-2)	68F5	SA0,00-02B
CP1,7	64C5	R2,01,04F R2,01,04B
(CP3,4)	68B7	SA0,03,04B
(CP5-7)	68C7	SA0,10-12B
CPTO	74E2	RA4,24B
CR	64D5	S2,03F
CRO,1,2,4,7	64F5, 80C5	S2,50-54F RA6,50-54B
CRS	64E5	AB1,11F
CRT	80E5	RA6,31B
CRUO,1,2,4	64F5	R8,51-54F
CRU7	6487	R7,54F
CSO-29	64C7	SA2,00-04, 10-14,20-24, 30-34,40-44, 50-54F
(CSTO,1,2,4) (CST7)	82C5 85E7	S4,40-43B S4,44B

DESIG	LOCATION FS	LOCATION CARD
(CSUO)	68F0	S4,50B
(CSU1)	68G0	S4,51B
(CSU2)	68B2	S4,52B
(CSU4)	67E2	S4,53B
(CSU7)	79F2	S4,54B
CSW	64F7	RA1,50F
CTO	6580	R1,50F
CTO,1,2,4,7	73F0	R7,20-24B
CTO,2,4	6485	R2,00,02,03B
CTI	65C0	R1,51F
CTI,7	64C5	R2,01,04B
CT2	65E0	R1,52F
CT4,7	65G0	R2,52,53F
CT'0,1,2,4,7	6105	AB6,5,4,3,2 3F
CTBL	84D2	RA5,31B
CTI	6502	RA4,13F
CTUK	65F2	R6,43F
CUO,1,2,4,7	6585	R0,50-54F
CUO-2	77B0	R2,10-12B
CU4,7	77C0	R2,13,14B
CU'0-2	77B0	R2,10-12F
CU'4,7	77C0	R2,13,14F
CNI0-15	64E0	S4,20-24,30F
CNI6-19	6482	S4,31-34F
CWF	6505	S7,14F
CWK	65E5	R6,20F
D	65F5, 9385	S7,24F SA4,44B
DO,1,2,4	6565	S1,30-33F S1,30-33B
D7	6587	S1,34F S1,34B
D'0,1,2,4,7	65C7	S0,30-34F S0,30-34B
DA	9600	SA6,50B
DAC	6507	R4,42F
(DAC)	81E2	RA7,23B
DAT	65E7	RA4,22F
DAT1	6680	SA5,30F
DC	88F5	RA5,00B
DCC	8887	RA5,01B
DCK	6505	S7,14F
DCKF	62F5	RA5,24B
DCT	6600, 77F2	SA7,22F SA6,54B
DCT1	66E0	SA7,30F
DCT2	66G0	SA7,33F
DCT3	66B2	SA7,31F
DISI	66C2	SA7,34F
DLO	5905	RA7,40B
DLI	78F7	RA7,41B
DLI-3	66F2	R2,30-32F
DL2	63E2	RA7,42B
DL4,5	6602	R2,33,34F
DL4,7	63F2	RA7,43,44B
DL6	66H2	R2,40F
DLT	6685	RA4,32F

DESIG	LOCATION FS	LOCATION CARD
DNC	66C5	R3,52F R3,52B
DNK	84C7	SA5,13B
DR	66F5	R6,23F
DRO	87F7	RA7,50B
DRO-9	6687	S8,34,40-44, 50-53F S8,34,40-44, 50-53B
(DRO,1,2,4,7)	6687	S8,34,40-44, 50-53B
DR1	80E2	RA7,51B
DR2	91C5	RA7,52B
DR4	78F0	RA7,53B
DR7	78G0	RA7,54B
DR-EMG	66F7	S8,54B
DRAO	89C7	S7,34B
DRA1	84B7	S7,40B
DRA2	61F2	S7,41B
DRA3	67C0	S7,42B
DRA4	8387	S7,43B
(DRA4)	67C0	S7,42B
DRA5	81G2	S7,44B
DRA6	85D0	S7,50B
DRA7	7980	S7,51B
(DRA7)	8387	S7,43B
DRA8	7980	S7,52B
DRA9	85E7	S7,53B
DRA-EMG	66F7	S7,54B
(DRATO)	85D7	S7,32B
(DRAT1)	88C0	S7,33B
DRC	66C7	S6,31F
DRT	66E7	S8,04F
DRTO	66F7, 85D7	S8,54F, S7,32B
DRT1	66F7, 88C0	S7,54F S7,33B
DRT2	7380	S7,31B
DS	95B2	SA6,32B
DTO,1,2,4,7	6667	RA0,00-04F RA0,00-04B
DTF	67C0	S7,42F
DTI	67D0	SA5,23F
DTK	60D2, 67E0	SA6,14B SA8,40F
DTN	96B5	SA6,21B
DTW	7987	R4,24B
DUO,1,2,4,7	67H0	RA0,10-14F RA0,10-14B
DUAL	78F5	RA2,24B

DESIG	LOCATION FS	LOCATION CARD
E	93C5	SA4,50B
EO,1,2,4,7	67B2	S1,40-44F S1,40-44B
E'0,1,2,4,7	67C2	S0,40-44F S0,40-44F
EAO	69B2	R0,00B
EA1	69C2	R0,01B
EA2	69D2	R0,02B
EBO,1,2,4	69D7	R0,10-13B
EB7	92E7	R0,14B
ECO,1,2,4	92E7	R0,20-23B
ECO-2	88F0	S3,50-52B
EC7	9380	R0,24B
ECN	67E2	S4,53F
ECT	84G2	RA5,33B
ECTO-2	6585	R0,50-52B
ECUO	6580	R1,50B
ECU1	65C0	R1,51B
ECU2	65E0	R1,52B
ECU4,7	62B0	R1,53,54B
EDO,1,2,4,7	7182	R0,30-34B
EEO,1,2,4,7	9282	R0,40-44B
EF	67F2, 87D2	RA7,31F RA1,22B
EFO,1,2,4,7	6585	R0,50-54B
EG	67G2	RA2,52F
EN	6785	RA1,03F
ENCO,1	80D0	R4,01,02B
EOL	96B2	SA6,41B
EOR	6285	RA5,21B
ERTO	82F2	RA4,31B
ESCK	67C5	AB4,10F
ET	96F0	SA4,54B
ETM	80G5	RA6,32B
ETMO	82E2	RA4,30B
EVG	75F5	RA1,40B
EVN	92F2	SA3,22B
EXI	78D5	RA4,01B
EX2	78E5	RA4,02B
EXT	94F0	SA5,52B

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1A (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
FO,1,2,4,7	67F5	S1,50-54F
		S1,50-54B
F'0,1,2,4,7	67G5	S0,50-54F
		S0,50-54B
FAA	67B7	R6,10F
FAB	67B7	R6,11F
FABC	76C2	SA5,11B
FAC	67C7	S3,21F
FACK	94F5	SA5,12B
FAK	67E7	SA8,41F
EBK	67F7	SA8,42F
FC	68B0	R3,53F
		R3,53B
FCG	~~6800~~	S7,12F
FCK	68D0	SA8,12F
FG0	68F0	S4,50F
FG1	68G0	S4,51F
FG2	68B2	S4,52F
FG'0	69B2	R0,00F
FG'1	69C2	R0,01F
FG'2	69D2	R0,02F
FK	68C2	RA7,20F
FLG	81G2	S7,44F
FM	68D2	S6,14F
FML	68E2	SA8,21F
FN	71B7	SA3,11B
FNA	68F2, 71C7	RA1,10F SA3,12B
FNB	68G2, 71E7	RA1,11F SA3,13B
FRO	68B5	R5,00F R5,00B S5,00F
FR1	68C5	S5,01F
FR1-4	68D5	R5,01-04F R5,01-04B
FR2	68E5	S5,02F
FR3	68F5	S5,03F
FS0-2	68F5	SA0,00-02F
FS3,4	68B7	SA0,03,04F
FS5-7	68C7	SA0,10-12F
FS8,9	68D7	SA0,13,14F
FS10-14	68E7	SA0,20-24F
FS15-19	68F7	SA0,30-34F
FS20	69B0	SA0,40F
FS21	69C0	SA0,41F
FS22-26	69D0	SA0,42-44, 50,51F
FS27-29	69E0	SA0,52-54F
FT0	81D5	RA1,00B
FT0-3	69F0	R1,00-03F R1,00-03B
FT1	81B2	RA1,01B
FT2	89C5	RA1,02B
FT3	67B5	RA1,03B
FT4	80B7	RA1,04B
FT5	68F2	RA1,10B
FT'0	69B2	~~R0,00F~~
FT'1	69C2	R0,01F
FT'2	69D2	R0,02F
FT'3	69F2	R0,03F

DESIG	LOCATION FS	LOCATION CARD
FTCK	69G2	SA8,13F
FTK1	69B5	SA8,33F
FTT0-3	69C5	SA4,00-03F
FTT4	69E5	SA4,04F
FTT5	69F5	SA4,10F
FU0	68G2	RA1,11B
FU0,1,2,4,7	69B7	R1,04,10-13F R1,04,10-13B
FU1	75C7	RA1,12B
FU2	89E0	RA1,13B
FU3	60C7	RA1,14B
FU4	82E5	RA1,20B
FU'0,1,2,4,7	69D7	R0,04,10-13F
FUT0,1,2,3/4	70B0	SA4,11-14F
FUT4/7	70C0	SA4,20F
FUT5-7	70D0	SA4,21-23F
FUT8	70E0	SA4,24F
FUT9	70G0	SA4,30F
FVD (FWR)	70B2 60C0	S3,03F S8,12B
G	71C5	SA3,03B
GO	62E0	RA5,10B
GO,1,2,4,7	70D2	R8,00-04F F8,00-04B
GO-2	68F5	SA0,00-02B
G3,4	68B7	SA0,03,04B
G5-7	68C7	SA0,10-12B
G8,9	68D7	SA0,13,14B
G10-14	68E7	SA0,20-24B
G15-19	68F7	SA0,30-34B
G'0,1,2,4,7	70F2	R7,00-04F
GA	69B0	SA0,40B
GB	69C0	SA0,41B
GC	95E2	SA5,01B
GLA	70G2	RA2,23F
GLB	70B5	RA2,30F
GLH	70B5	SA7,14F
GPA	60C5	R6,13F
GPB	70D5	R6,14F
GS1-4	70E5	R6,00-03F
GS5	70F5	R6,04F
GT2	70B7	SA7,21F
GT5	70C7	S7,20F
GTL	70D7	SA8,10F

DESIG	LOCATION FS	LOCATION CARD
HO,1,2,4	70E7	R8,10-13F R8,10-13B
H7	71B0	R8,14F R8,14B
H'0,1	92E5	R1,14,20B
H'0,1,2,4,7	71C0	R7,10-14F
H'2	92F5	R1,21B
H'4,7	92B7	R1,22,23B
HDA	73F2	RA6,10B
HDB	73B5	RA6,12B
HDK	95F7	SA6,43B
HF	71E0	R5,52F
HGO,1,2,4,7	71F0	R1,30-34F
HG'0,1,2,4,7	71B2	R0,30-34F
HGK	71C2	SA8,50F
HGT0	71E2	SA3,00F
HGT1	71F2	SA3,01F
HGT2	71B5	SA3,02F
HGT3	71C5	SA3,03F
HGT4	71E5	SA3,04F
HGT5	71G5	SA3,10F
HGT6	71B7	SA3,11F
HGT7	71C7	SA3,12F
HGT8	71E7	SA3,13F
HGT9	72B0	SA3,14F
HMS	72D0	AB0,03F
HMS1	71C5, 72E0	SA3,03B SA7,03F
(HNO,1,2,4,7)	72F0	RA3,20-24B
HNO-4	72F0	RA3,20-24F
HN5-9	72C2	RA3,20-24B RA3,30-34F RA3,30-34B
HR	94E5	SA6,51B
HR1	93C2	SA4,40B
HT0,1,2,4,7	72F2,G2	S5,30-34F, RA0,20-24F RA0,20-24B
HT'0,1	60H2	S2,30,31F
HT'2,4,7	60B5	S2,32-34F
HTK1	72B5	SA8,32F
HTR	72C5	SA7,02F
HTUK	72D5	RA2,32F
HU0,1,2,4,7	72E5	RA0,30-34F RA0,30-34B

DESIG	LOCATION FS	LOCATION CARD
IC	96E0	SA5,20B
(IDO)	74D7	RA7,10B
(ID1)	74F7	RA7,11B
(ID2)	75B0	RA7,12B
(ID4)	75C0	RA7,13B
(ID7)	75D0	RA7,14B
IE	92B5	SA3,23B
IFK	72F5	S6,24F
INC	72B7	S3,22F
IOD	69C2	R0,01B
IPA	93F0	SA4,33B
IRT	72E7	S7,11F
IRY	96D2	SA5,31B
ITC0	83D0	R3,00F
ITC1	83E0	R3,01F
ITC2	83E0	R3,02F
ITC3	83F0	R3,03F
ITC4	83G0	R3,04F
ITC5	83B2	R3,10F
ITC6	83B2	R3,11F
ITC7	83C2	R3,12F
ITC8	83D2	R3,13F
ITC9	83E2	R3,14F
ITR	71G5, 73B0	SA3,10B, S7,31F
ITTR	96B0	SA5,44B
JO,1,2,4	73C0	R8,20-23F R8,20-23B
J7	75D0	R8,24F
J'0,1,2,4,7	73F0	R8,24B R7,20-24F
JC0	73G0	RA6,00F
JC1	73C2	RA6,01F
JC2	73D2	RA6,02F
JC3	73D2	RA6,03F
JC4	73E2	RA6,04F
JC5	73F2	RA6,10F
JC6	73H2	RA6,11F
JC7	73B5	RA6,12F
JC8	73B5	RA6,13F
JC9	73C5	RA6,14F
JCK	73D5	SA8,53F
JG0	73E5	RA6,20F
JG1	73B7	RA6,21F
JG2	73C7	RA6,22F
JG3	73D7	RA6,23F
JG4	73E7	RA6,24F
JXP1	74C0	SA7,12F
JXPA	74E0	SA7,10F

DESIG	LOCATION FS	LOCATION CARD
KO,1,2,4	74F0	R8,30-33F R8,30-33B
K7	74B2	R8,34F R8,34B
K'0,1,2,4,7	74C2	R7,30-34F
KM	74E2	RA4,24F
LCDO,1,2	75F0	R3,42-44F R3,42-44B
LCH	75G0	RA1,32F
LCK	75B2	SA8,43F
LCP	67D0	SA5,23B
LCPT	84F2	RA5,32B
LDN	75C2	RA4,11F
LDT	75D2	S7,04F
LFK	75F2	SA8,34F
LFK1	75B5	RA7,21F
LH	75C5	R3,24F
LI	75F5	RA1,40F
LIO	75G5	SA5,34F
LII	75B7	SA5,40F
LIN	75C7	RA1,12F
LIT	75C7	S8,23F
LK	75D7	SA8,52F
LK1	75E7	SA7,32F

DESIG	LOCATION FS	LOCATION CARD
LL0	88F5	RA5,00F RA5,00B
LL1	88B7	RA5,01F RA5,01B
LL2	88D7	RA5,02F RA5,02B
LL4	88E7	RA5,03F RA5,03B
LL7	88F7	RA5,04F RA5,04B
LLCK	76B0	S6,32F
LLP	76F0	RA4,10F
LO,1,2,4	74F2	R8,40-43F R8,40-43B
L7	74G2	R8,44F R8,44B
L'0,1,2,4,7	74B5	R7,40-44F
L5D	82D5	R3,30F R3,30B
LB	74C5	S6,13F
LC	96G5	SA6,31B
LC0	74D5	RA7,00F
LC1	74E5	RA7,01F
LC2	74G5	RA7,02F
LC3	74B7	RA7,03F
LC4	74C7	RA7,04F
LC5	74D7	RA7,10F
LC6	74F7	RA7,11F
LC7	75B0	RA7,12F
LC8	75C0	RA7,13F
LC9	75D0	RA7,14F
LVF	76D5	S8,13F S8,13B
LVM	76E5	S8,14F S8,14B
LVR	76F5	AB8,3F
LVS	76F5	AB7,3F
LXPA	76G5	SA7,04F
LXPI	76B7	SA7,13F
M	76C7	S8,11F
MO,1,2,4	61E5, 64F5	RA4,40-43F R8,51-54B
M7	61G5, 78B0	RA4,44F R8,50F R8,50B
M'0,1,2,4	61B7	RA4,50-53F
M'7	61C7, 78C0	RA4,54F R7,50F
M11	76D7	R7,51F
MAK1	76E7	SA8,22F
MAN	87D5	S2,12F
LVO,1	76C5	RA8,53,54F
LV2-9	76D5	RA8,40-44, 50-52F

DESIG	LOCATION FS	LOCATION CARD
MB	1283	
MBO-2	77B0	R2,10-12F R2,10-12B
MB4,7	77C0	R2,13,14F R2,13,14B
MBIO,1,2,4,7	72F2	S5,30-34B
MBK	82B2	SA3,53B
MCS	77E0	RA5,50F
ME	93E2	SA4,42B
MET	61B0	SA6,53B
MF	77E0	S7,30F
MG	72C5	SA7,02B
MIR	77G0	S8,21F
MKR	77G0	S8,30F
MLF	77B2	S7,23F
MLV	60C0	S8,12F
MO	83B0	SA7,01B
MOR	77E2	S8,20F
MOS	86B2	S8,22F
MPT	60F0	R4,54F
MRI	65D2	RA4,13F
MRL	77F2	SA6,54F
MRRL	95D7	SA5,24B
MRST	95C7	SA5,22B
MT	72B0	SA3,14B
MTO	83F0	R3,03B
MTO,1,2,4,7	77H2	RA0,40-44F RA0,40-44B
MT1	83G0	R3,04B
MTFT	96F0	SA4,54B
MTK	92C2	SA3,20B
MTPT	83E7	S8,02F S8,02B
MTR	91G5	S8,33B
MTRA	81D2	RA4,12B
MTRB	65D2	RA4,13B
MTRS	91F5	S8,31B
MTTR	93G2	SA4,43B
MUO,1,2,4,7	77D7	RA0,50-54F RA0,50-54B
MUO	83B2	R3,10B
MU1	83B2	R3,11B
MU2	83C2	R3,12B
MU4	83D2	R3,13B
MU7	83E2	R3,14B
MXT	7707	SA6,34F

DESIG	LOCATION FS	LOCATION CARD
(NO,1,2,4)	70E5	R6,00-03B
(N7)	70F5	R6,04B
N7	78B0	R8,50F
N'7	78C0	R7,50F
NAC	62C0	R4,34B
NC	78E0	R3,34F
NDI	78F0	RA7,53F
NDK	78G0	RA7,54F
NE	78B2	SA8,03F
NGCTO	78C5	RA4,00F
NGCT1	78D5	RA4,01F
NGCT2	78E5	RA4,02F
NGCT3	78F5	RA4,03F
NGCUO,1	78B2	RA3,00,01F
NGCU2	78D2	RA3,02F
NGCU3,4	78F2	RA3,03,04F
NGCU5-9	78B5	RA3,10-14F
NGK	78F5	RA2,24F
NGK1	7085	RA2,30F
NH	78G5	R5,53F
NID	69B2	R0,00B
NL00	72F5	S6,24B
NL01	65F5	S7,24B
NMBO	66C7	S6,31B
NMB1	73B0	S7,31B
NMF	75D2	S7,04B
NMK	71C7	SA3,12B
NMR	78B7	RA5,52F
NN	78B7	R5,51F
NOB	78C7	S2,22F S2,22B
NOB'	78E7	R3,41F
NOC	78F7	RA7,41F
NR	78F7	RA2,54F
NRDO	81E7	SA3,31B
NRD1	81F7	SA3,32B
NS	77F2	SA6,54B
NSI	79B0	S7,52F
NSO	79B0	S7,51F
NSP	79C0, 89B7	S3,43F, S2,14B
NT	79C0	R5,50F
NTB	79D5	S3,20B
NTT	79E0	R4,53F

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | A47

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1A (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
A0	79F0	S3,11F
OA0,1,2,4,7	70F2	R7,00-04B
(OA0,1,2,4,7)	72F2	S5,30-34B
OARO-2	66F2	R2,30-32B
OB	79B2	S3,12F
OBO,1,2,4,7	71C0	R7,10-14B
(OBO,1,2,4,7)	91E2	S5,40-44B
OBS	79C2	S2,21F S2,21B
OBS'	79D2	R3,40F
OBS1	89B7	S2,14F
OBS2	89F5	S2,20F
OC	83B0	SA7,01B
OC0,1,2,4,7	73F0	R7,20-24B
(OC0,1,2,4,7)	92C0	S5,50-54B
OCN	79F2	S4,54F
OD	79G2	R3,20F R3,20B
OD'	79B5	R3,22F
ODD,1,2,4,7	74C2	R7,30-34B
ODD	92E2	SA3,21B
OE0,1,2,4,7	74B5	R7,40-44B
OF	87D2, 95B7	RA1,21B SA5,50B
OF0	78C0	R7,50B
OF1	76D7	R7,51B
OF2	63C2	R7,52B
OF4	6302	R7,53B
OF7	64B7	R7,54B
OFF0-3	90F2	RA8,00-03B
OFF4	9085	RA8,04B
OFF5	9005	RA8,10B
OFF6-9	90F5	RA8,11-14B
OFF'0	6580	R1,50B
OFF'1	65C0	R1,51B
OFF'2	65E0	R1,52B
OFF'4,7	6280	R1,53,54B
OFH	7985	RA1,30F
OFT0-2	90B7	RA8,20-22B
OG0,1,2,4	70E5	R6,00-03B
OG7	70F5	R6,04B
OI*	71B7	SA3,11B
OIN0,1,2,4,7	64F5	S2,50-54B
OIT0,1	90C7	RA8,23,24B
OIT2	90E7	RA8,30B
ON	73C5	RA6,14B
OOL	96B7	SA6,42B
OP1	94C5	SA6,02B
OPR	7905	R6,21F
OR	7905	S3,20F

DESIG	LOCATION FS	LOCATION CARD
ORC0	79C0	R5,50F R5,50B
ORC1	78B7	R5,51F R5,51B
ORC2	71E0	R5,52F R5,52B
(OT)	75B5	RA7,21B
OTO	93B2	SA4,34B
OTK	82G0	SA3,51B
OTT	80E2	RA7,51F
OV, OVG	80F2 84D5	RA1,23F RA1,34B
ORTO,1 ORUO,1,2,4,7	60H2 60E7	S2,30,31B S2,40-44B
OS0	79B7	R4,24F
OS1	79C7	R4,30F
OS2	79D7	R4,31F
OS3	79E7	R4,32F
OS4	79F7	R4,33F
OSE	80B0	SA7,40F
OSG0	83C0	R4,00F
OSG1,2	80D0	R4,01,02F
OSG3,4	80F0	R4,03,04F
OSG5	80G0	R4,10F
OSG6-9	80B2	R4,11-14F
OSG10,11	80C2	R4,20,21F
OSK	80D2	SA7,41F
OST2	80E2	SA7,43F
P	82F5	SA6,13B
PO-4	8085	RA6,40-44F
P1	95C5	SA6,30B
P2L	7280	SA3,14B
P4L	92C2	SA3,20B
P5	94B2	SA5,33B
P5-9	80C5	RA6,50-54F
P5L	92E2	SA3,21B
PA	80E5	RA6,31F
PAK	95D0	SA6,23B
PAN	80G5	RA4,14F
PB	80G5	RA6,32F
PBN	80B7	RA1,04F
PBX	60F2	R2,54F
PBX1	80C7	RA2,40F

DESIG	LOCATION FS	LOCATION CARD
PC	80D7	RA6,33F
PCD	80E7	S3,31F
PCD1	80F7	S3,32F
PCK	86C7	S6,50F
PCR	8180	S3,30F
PD	81C0	S2,01F
PE	81E0	RA6,34F
PERFO,1,2	81F0	RA1,52-54F RA1,52-54B
PHC	81F0	S3,13F
PK	81H0	S2,02F
PKA	73H2	RA6,11B
PKB	7385	RA6,13B
PN	8182	RA1,01F
PNR	81C2	RA6,30F
PQTS	81D2, 86G0	RA4,12F, R4,23B
PPSP	8705	S2,12B
PR	81E2	RA7,23F
PRCY	8482	S6,22F
PRE	94E7	SA6,11B
PRL	81D7, 86E7	SA3,30B S6,51F
PRLK	71E7	SA3,13B
PRR	81G2	S7,44F
PRT	60G2	S8,24F
PS	8185	S2,00F
PSI	81C5	AB3,10F
PSR	62E5	RA5,23B
PT	9580	SA6,22B
PTI	96G2	SA6,20B
PTK	81C5	RA2,34F
PTN	81D5	RA1,00F
PTR	87B0	S6,53F
PTS	94D5	SA6,40B
PUL	81E5	RA1,31F
RA	81F5	S6,21F
RAO	84B0	S6,03F
RA1	74D5, 84B0	RA7,00B, S6,04F
RA2	74C7, 84C0	RA7,04B S6,10F
RA3	75C0, 84D0	RA7,13B, S6,11F
RA4	84E0, 85G2	S6,12F, RA7,22B
RA5	67F2	RA7,31B

DESIG	LOCATION FS	LOCATION CARD
RB	94B7	SA5,53B
RB1	74E5	RA7,01B
RB2	74D7	RA7,10B
RB3	75D0	RA7,14B
RB4	81E2	RA7,23B
RC1	74G5	RA7,02B
RC2	74F7	RA7,11B
RC3	68C2	RA7,20B
RC4	91B5	RA7,24B
RCD0	92C5	SA3,24B
RCD1	81D7	SA3,30B
RCK2	81B7	RA1,43F
RCK3	81C7	RA1,44F
RCT1	81D7	SA3,30F
RCT2	81E7	SA3,31F
RCT3	81F7	SA3,32F
RCT4	8280	SA3,33F
RCT5	8280	SA3,34F
RCT6	82C0	SA3,40F
RCT7	82D0	SA3,41F
RCT8	82D0	SA3,42F
RCT9	82E0	SA3,43F
RCT10,11	82F0	SA3,44,50F
RCT12	82G0	SA3,51F
RCT13	82G0	SA3,52F
RCT14	82B2	SA3,53F
RCT15	82B2	SA3,54F
RCY	82C2	S6,20F
RD	95G5	SA6,33B
RD1	74B7	RA7,03B
RD2	75B0	RA7,12B
RD3	75B5	RA7,21B
RD4	82G2	RA7,30B
RDR	82E2	RA4,30F
RDS	82F2	RA4,31F
REO	86C0	S6,30B
RE1	77E0	S7,30B
REC	91E5	S8,32B
RF	82G2	RA7,30F
RGO	81B0	S3,30B
RGO,1	63B7	S4,00,01F
RG1	80E7	S3,31B
RG2	80F7	S3,32B
RG2-9	6480	S4,02-04, 10-14F
RG4	61G2	S3,33B
RG7	61B5	S3,34B
RG10-15	64E0	S4,20-24,30F
RG16-19	64B2	S4,31-34F
RG20-23	82C5	S4,40-43F
RGK	71B5	SA3,02B
RH	82D5	R3,30F
RI	82E5	RA1,20F
RIK	82F5	SA6,13F
RIP	82H5	RA4,20F

DESIG	LOCATION FS	LOCATION CARD
RK	72B7, 82B7, 86E2	S3,22B S4B,51F S4S,14B
RK1	82C7	SA8,24F
RK2	82D7	SA8,30F
RK3	71B5, 82E7	SA3,02B, SA8,44F
RL	76B2, 83B0, 96C0	S7,13B, SA7,01F, SA6,44B
RL1	65D5, 73D7, 96D0	S7,14B, RA6,23B, SA6,50B
RL2	73E7, 94E5	RA6,24B, SA6,51B
RLK	73C7, 86F7	RA6,22B, S6,52F
RLR	75G5	SA5,34B
RN	89B2	SA7,00B
RNO	8300	R3,00F
RNO-2	83F2	R2,20-22F R2,20-22B
RN1	83E0	R3,01F
RN2	83E0	R3,02F
RN3	83F0	R3,03F
RN4	83G0	R3,04F
RN4,7	83G2	R2,23,24F R2,23,24B
RN5	83B2	R3,10F
RN6	83B2	R3,11F
RN7	83C2	R3,12F
RN8	83D2	R3,13F
RN9	83E2	R3,14F
RNG	83B5	RA2,53F
RNK	83B5	SA7,50F
RNTO	79G2	R3,20F R3,20B
RNT1	6000	R3,21F
RNT2	8185, 83C5	R3,21B S2,00B SA7,44F
RNT20	83E5	AB0,2F
RNT'0	79B5	R3,22F
RNT'1	60E0	R3,23F
RNT'2	83D5	R4,50F
RO	83F5	S3,44F
RO'	83G5	R4,40F
ROA	83B7	S7,43F
ROP	92C5	SA3,24B
ROP1	82D0	SA3,42B
ROS	12A5	
ROTL	83E7	S8,02F

DESIG	LOCATION FS	LOCATION CARD
RP	83E7	R6,53F
RPO	8480	S6,03F
RP1	8480	S6,04F
RP2	84C0	S6,10F
RP3	84D0	S6,11F
RP4	84E0	S6,12F
RPAB	84F0	S6,01F
RPB	84F0	S6,00F
RPK	84G0	R6,54F
RPSA	84B2	S6,02F
RPT	70G0	SA4,30B
RR	84B2	S6,22F
RS0	84C2	RA5,30F
RS1	62E2, 84D2	RA5,14B, RA5,31F
RS2	62F2, 84F2	RA5,20B, RA5,32F
RS3	84G2	RA5,33F
RS4	84H2	RA5,34F
RS5-8	8485	RA5,40-43F
RS9	8485	RA5,44F
RSC	84C5	SA7,23F
RSG1	82E0	SA3,43B
RSG2,3	82F0	SA3,44,50B
RSK	84D5	RA1,34F
RST0,1	6387	S4,00,01B
RST2-9	6480	S4,02-04, 10-14B
RST10-15	64E0	S4,20-24,30B
RST16-19	64B2	S4,31-34B
RST20	8582	S3,00B
RST21	91C2	S3,01B
RST22	5900	S3,02B
RST23	7082	S3,03B
RST24	9480	S3,04B
RST25	59E5	S3,10B
RST26	79F0	S3,11B
RST27	7982	S3,12B
RST28	81F0	S3,13B
RST29	88C5	S3,14B
RST-EMG	6885	S5,00B
RR	84B2	S6,22F
RS0	84C2	RA5,30F
RS1	62E2, 84D2	RA5,14B, RA5,31F
RS2	62F2, 84F2	RA5,20B, RA5,32F
RS3	84G2	RA5,33F
RS4	84H2	RA5,34F
RS5-8	8485	RA5,40-43F
RS9	8485	RA5,44F
RSC	84C5	SA7,23F
RSG1	82E0	SA3,43B
RSG2,3	82F0	SA3,44,50B
RSK	84D5	RA1,34F
RST0,1	6387	S4,00,01B
RST2-9	6480	S4,02-04, 10-14B
RST10-15	64E0	S4,20-24,30B
RST16-19	64B2	S4,31-34B
RST20	8582	S3,00B
RST21	91C2	S3,01B
RST22	5900	S3,02B
RST23	7082	S3,03B
RST24	9480	S3,04B
RST25	59E5	S3,10B
RST26	79F0	S3,11B
RST27	7982	S3,12B
RST28	81F0	S3,13B
RST29	88C5	S3,14B
RST-EMG	6885	S5,00B
(RT)	76C7	S8,11B
RT	93G5	SA4,52B
(RTO,1)	7882	RA3,00,01B
RTO-4	84F5	R6,33,34, 40-42F
(RTA)	91G5	S8,31B
RTEO,1,2,4	69C5	SA4,00-03F
(RTK)	89F2	R4,43B
RTRS	93C5	SA4,50B
RTST	95C2	SA4,53B
RV	84B7	S7,40F
RV1	84B7	R4,44F
RYK	84C7	SA5,13F

DESIG	LOCATION FS	LOCATION CARD
(SO,1) SO-8	84F7 20D1,E1 84E7	RA2,20,21F R5,14,20-24, 30-32F R5,14,20-24, 30-32B
(S2)	60C2	RA2,22B
(S3)	70G2	RA2,23B
(S4)	78F5	RA2,24B
S9-14	84E7	R5,33,34, 40-43F R5,33,34, 40-43B
SA	80G5	RA4,14B
SAE	8580	RA2,51F
SB	82H5	RA4,20B
SC	60B7, 85C0	RA4,21B R3,33F R3,33B
SCB	85D0	S7,50F
SCH	79D7	R4,31B
SCK	85E0	S2,10F
SCN	85F0	S2,04F
SD	65E7, 86B7	RA4,22B S6,44F
SDG	8582	S3,00F
SDT	85D2	S7,03F
SEF	85F2	RA7,32F
SF	85G2	RA7,22F
SKO	83D5	R4,50B
SKI	79F5	R4,51B
SKP	76G5	SA7,04B
SL	85C5	SA7,11F
SLCK	85D5	RA2,41F
SLK1	85E5	SA7,51F
SLK2	85F5	SA7,52F
SLU	82B2	SA3,54B
SM	62G0	RA5,11B
SNC	79E7	R4,32B
SNG	70G2	RA2,23F
SNK	8587	SA8,14F
SNR	85C7	S6,23F
SOG	71E5, 85D7	SA3,04B S7,32F
SON	85E7	S7,53F
SP	74C0, 80D7, 93E5	SA7,12B RA6,33B SA4,51B
SPA	72E0	SA7,03B
SPC	85E7, 89F5	S4,44F S2,20B
SPC0	83D0	R3,00F
SPC1	83E0	R3,01F
SPC2	83E0	R3,02F
SPC3	83F0	R3,03F
SPC4	83G0	R3,04F
SPC5	83B2	R3,10F
SPC6	83B2	R3,11F
SPC7	83C2	R3,12F
SPC8	83D2	R3,13F
SPC9	83E2	R3,14F
SPL	8680	R5,54F R5,54B
SPTO	7085	RA2,30B
SPT1	9280	RA2,31B
SPU0	80C7	RA2,40B
SPU1	85D5	RA2,41B
SPU2	63C0	RA2,42B
SPU4	63D0	RA2,43B
SPU7	5965	RA2,44B
SQ1	86C0	S6,30F
SQA	8600	S7,21F
SR1	86E0	AB2,10F
SR2	8885	AB1,10F
SR3	8885	AB0,10F
SRK	86E0	RA1,42F
SRT	66E7	S8,04F
SSA	86F0	R4,22F
SSB	86G0	R4,23F
SSTI	8682	S8,22F
STP1	8682	RA5,53F
STP2	86D2	RA5,54F
STR	388	
STRA	3F8	
SW SW0,1,2,4,7	73E5 6907, 71F0	RA6,20B R0,04,10-13F, R1,30-34B
SW1	7387	RA6,21B
SWT0	6982	R0,00F
SWT1	69C2	R0,01F
SXT	86E2	SA5,14F
SY	6180	SA6,53B

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE IA (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
(T0,1,2,4,7)	86G2	RA3,40-44B
T0,1,2,4,7	91E2	S5,40-44B
T0-4	86G2	RA3,40-44F
		RA3,40-44B
T4L	71G5	SA3,10B
T5-9	86C5	RA3,50-54F
		RA3,50-54B
T5L	71E5	SA3,04B
T'0,1,2,4,7	71F0	R1,30-34B
T6	86F5	SA7,42F
(TA0)	73G0	RA6,00B
(TA1)	73C2	RA6,01B
(TA2)	73D2	RA6,02B
(TA4)	73D2	RA6,03B
(TA7)	73E2	RA6,04B
TAN	86G5	S3,23F
TAN0	86B7	S6,44F
TAN1	86C7	S6,50F
TAN2	86C7	S6,51F
TAN3	86F7	S6,52F
TAN4	87B0	S6,53F
TAN5	87C0	S6,54F
TAR0	63B2	R2,50B
TAR1	63C2	R2,51B
TAR2,3	65G0	R2,52,53B
(TB0)	73F2	RA6,10B
TB0	87E0	SA1,00F
(TB1)	73H2	RA6,11B
TB1,2	87F0	SA1,01,02F
(TB2)	73B5	RA6,12B
TB3,4	87G0	SA1,03,04F
(TB4)	73B5	RA6,13B
TB5	87B2	SA1,10F
TB6,7	87B2	AB0,1,33F
(TB7)	73C5	RA6,14B
TB8,9	87C2	AB7,8,11F
TBH	87D2	SA1,22F
TBI	87D2	RA1,21F
TBK	71F2, 87E2	SA3,01B, SA8,23F
TBL	77D7	SA6,34B
TBS0,1	87F2	SA1,51,52F
TBS2,3	87G2	SA1,53,54F
TBY	94C0	SA5,51B
TC	60F0, 82D0, 87C5	R4,54B, SA3,41B, R6,44F
(TC0)	74D5	RA7,00B
(TC1)	74E5	RA7,01B
TC1	87C5	SA8,02F
(TC2)	74G5	RA7,02B
(TC4)	74B7	RA7,03B
(TC7)	74C7	RA7,04B
(TCA)	68C5	S5,01B
TCA	87D5	S2,12F
(TCB)	68E5	S5,02B
TCB	87F5	S2,13F
TCGA	87B7	RA4,33F
TCGB	87B7	RA4,34F
TCH	87C7	RA1,33F
TCHK	87E7	SA8,54F
TCK	87F7	RA7,50F
TCK1	88B0	RA1,41F
TEA	94B2	SA6,00B
TEN	95C2	SA4,53B
TER	88C0	S7,33F
TF0-2	88F0	S3,50-52F
TF4,7	88G0	S3,53,54F
TF'0,1,2,4,7	69D7	R0,04,10-13F
TFT0-2	69D7	R0,10-12B
TFU0,1,2,4	92E7	R0,20-23B
TFU7	93B0	R0,24B
TG0,1	88B2	SA1,11,12F
TG2-4	88C2	SA1,13,14, 20F
TG5	88D2	SA1,21F
TG6-9	88E2	SA1,22-24, 30F
TG10-14	88E2	SA1,31-34, 40F
TG15-19	88F2	SA1,41-44, 50F
TGR	94E2	SA6,01B
TGT	72E7	S7,11F
THO	88F5	RA5,00F
THO,1	78B2	RA3,00,01B
TH1	88B7	RA5,01F
TH2	78D2	RA3,02F
TH2	88D7	RA5,02F
TH2	88E7	RA5,03F
TH3,4	78F2	RA3,03,04B
TH5-9	78B5	RA3,10-14B
TH'0	88G2	S6,33F
TH'0,1,2,4,7	69B7	R1,04, 10-13B
TH'1	88G2	S6,34F
TH'2	88B5	AB1,10F
TH'3	88B5	AB0,10F
THC	88C5	S3,14F
TI	89B0	S8,00F S8,00B
TIA0	84B0	S6,03B
TIA1	84B0	S6,04B
TIA2	84C0	S6,10B
TIA3	84D0	S6,11B
TIN	89E0	RA1,13F
TIR	89F0	SA7,53F
TK	86E2, 89B2	SA5,14B SA7,00F
TKT	89C2	S8,10F S8,10B
TLR0-29	64C7	SA2,00-04, 10-14,20-24, 30-34,40-44, 50-54B
TLR30,31	87G2	SA1,53,54B
TLT	89F2	R4,43F
TLV	60C0	S8,12B
TM	89G2, 94G5	SA8,00F SA5,00B
TM1	93E7	S7,02B
TM2	85D2	S7,03B
TM2T	93E7	S7,02B
TM3T	85D2	S7,03B
TMG	91F5	S8,33B
TN	89C5	RA1,02F
TNK	89D5, 96B7	RA2,33F SA6,42B
TNR	77D7	SA6,34B
TNT0,1,2,4,7	71B2	R0,30-34B
TNU0,1,2,4,7	92B2	R0,40-44B
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TP1	84D2	RA5,31F
TP2	84F2	RA5,32F
TP3	84G2	RA5,33F
TP4	84H2	RA5,34F
TPT	70E0	SA4,24B
TR	72E7	S7,11B
TRA	73D2	RA6,03B
TRA2	73E2	RA6,04B
TRC	2G1	
TRE	73G0	RA6,00B
TRF	86C0	S6,30F
TRIT	68B0	S7,12B
TRL	90E0	SA6,52F SA6,52B
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TSQ1	78D5	RA4,01F
TSQ2	78E5	RA4,02F
TSQ4	78F5	RA4,03F
TSQ7	91G0	AB4,11F
TSR	86F5	SA7,42F
TST	78C5, 91B2, 93B5	RA4,00B, S8,01F, SA4,44B
TSTI	88D7	RA5,02B
TT	91C2	S3,01F
(TTO)	62C0	R4,34B
TTO,1,2,4,7	91E2	S5,40-44F
(TT4,7)	91F2	R4,41,42F
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TTF	91B5	RA7,24F
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TTK	82G0, 91C5	SA3,52B RA7,52F
TTKL	66B0	SA5,30B
TTR	91D5	R6,32F R6,32B
TTT	84B2	S6,02B
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U'0	92E0	R1,40B
U'1,2,4,7	92G0	R1,41-44B
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X2P	85E5	SA7,51B
X11	94B0	S3,04F
XAB	77D7	SA6,34F
XAN	94C0	SA5,51F
XBRL	94D0	AB5,11F
XBT	94E0	SA5,43F
XCE	94F0	AB6,11F
XCH	94F0	SA5,52F
XCK	83C5	SA7,44B
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XCW	94B5	SA5,54F
XDL	94C5	SA6,02F
XDS	66E0	SA7,30B
XET	89F0	SA7,53B
XF	94D5	SA6,40F
XFT	94E5	SA6,51F
XFUT	94F5	SA5,12F
XHG	94G5	SA5,00F
XHG1	94B7	SA6,03F
XHGA	94B7	SA5,53F
XHM	94D7	SA5,21F
XI	94E7	SA6,11F
XIC	66D0	SA7,22B
XICK	84C5	SA7,23B
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XLF	95C2	SA4,53F
XLG	95E2	SA5,01F
XLH	95G2	SA5,04F
XLO	95B5	SA5,10F
XLR	95C5	SA6,30F
XLS	95E5	SA5,03F
XLV	95G5	SA6,33F
XMB	94B7	SA6,03F
XMRL	95B7	SA5,50F
XN	95C7	SA5,22F
XNL	60D5	SA7,24B
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XSC	96F0	SA4,54F
XSL	96B2	SA6,41F
XSS	86E2	SA5,14F
XST	70B5	SA7,14B
XT	96D2	SA5,31F
XTI	86F5	SA7,42B
XT5	96F2	SA6,12F
XTB	82F5	SA6,13F
XTB1	96G2	SA6,20F
XTC	66G0, 75G5	SA7,33B SA5,34F
XTC1	75B7	SA5,40F
XTG	60D2	SA6,14F
XTG1	96B5	SA6,21F
XTKK	80B0	SA7,40B
XTL	75E7	SA7,32B
XTOK	69B5	SA8,33B
XTP	80D2	SA7,41B
XTRK	96E5	SA5,41F
XTRL	96F5	SA5,42F
XTS	66D0, 96G5	SA7,22B SA6,31F
XTS1	96B7	SA6,42F
XTV	94E7	SA6,11F
XU	66C2	SA7,34B
XU1	80E2	SA7,43B
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XVG	62D0	SA7,54B
XVGA	94B7	SA5,53F
XVGB	94B5	SA5,54F
XX	87C0	S6,54F

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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AMA RECORDER (AMAR)

DESIG	FS	CAD
A'0	98E9	24G0,88E3,F0
A'1	98F9	24G0,88E3,F0
A'2	99C1	24G0,88E3,F0
AT		24D0
B'0,1,2,4,7	99F6	24G0,88C0,F0
C'0,1,2,4,7	100E1,F1	24G0,88C0,F0
D'0,1,2,4,7	103D4	24G0,88C0,F0
DS	132C1	24G0,88E3,F0
DTK	134B4	24D0,87B0,C0
DTN	134C4,D4	24D0,87B0,C0
E'0,1,2,4,7	104G4	24G0,88C0,F0
F'0,1,2,4,7	104D9	24G0,88C0,F0
HRI	129B9	24D0,87B0,C0
IPA	129D6	24D0,87B0,C0
LC	134B6	24D0,87B0,C0
ONL	2F6	18G3,87H0
OTO	129F6	24D0,87B0,C0
P	133C9	24G0,88E3,F0
PI	132B6	24G0,88E3,F0
PAK	131D9,E9	24D0,87B0,C0
PT	131B9,C9	24G0,88E3,F0
PTI	134B1	24G0,88E3,F0
PTS	131C4	24G0,88E3,F0
RC(-)	21B2	17G0,30C/D0, 67B3-F3,D8-F8, 68D0-F0,87E0, 95D1
RCCK	11F5	17G0,30C/D0, 67B3-F3,D8-F8, 68D0-F0,87E0, 95D1
RD	132B9	24G0,88E3,F0
RST0-9	101B9	21E0,87H0
RST10-15	101E9	20B/D7,87H0, 95D1

AMA RECORDER (AMAR)

DESIG	FS	CAD
RST16-19	102B1	20B/D7,87H0, 95B1
RST20	120G6	67C0
RST21	127H4	67C0
RST22	98F1	67C0
RST23	104E4	67C0
RST24	130C6	67C0
RST25	98F6	67C0
RST26	115B1	67C0
RST27	115D5	67C0
RST28	116D9	67C0
RST29	124E9	67C0
RT	130F1	21E0,87H0
T0,1,2,4,7	127B6	20B/F4,87E4, E7
TBL	113A9,B9	24G0,88E3,F0
TBLE	19D4	24H0
TBLO	19G4	24H0
TCI	21B1	
TCN0-9	101B9	
TCN10-15	101E9	
TCN16-19	102B1	
TNR	113A9,B9	
TRB	14C2	17G0,30C/D0, 67B3-F3,D8-F8,68D0-F0, 87E0,95D1
TRCA	28A8	17G0,30C/D0, 67B3-F3,D8-F8,68D0-F0, 87E0,95D1
TRCB	28A8	17G0,30C/D0, 67B3-F3,D8-F8,68D0-F0, 87E0,95D1
TRCC	28A8	17G0,30C/D0, 67B3-F3,D8-F8,68D0-F0, 87E0,95D1
TRST	18/B0-B3	17G0,30C/D0, 67B3-F3,D8-F8,68D0-F0, 87E0,95D1
TV	129C6	24G0,88E3,F0
U0,1,2,4,7	128D4	20B/F4,87E4, E7
XPI	116D1	24D0,87B0,C0
XTI	122F4	24D0,87B0,C0
XTC	134E1,F1	24G0,88E3,F0
XTL	134E4	24D0,87B0,C0
XTP	116D1	24D0
XUI	116E9	87B0,C0

AMA TRANSLATOR (AMAT)

DESIG	FS	CAD
G0-19	29G/A4	13G7,98F4
GA	29G/C4	15A3,98F4
GB	29G/D4	15A3,98F4
GG-	28D8	17D7,53C6, F6,96A0, 152D4,D7
TLR0-29	102F6	13G7,98E4
TLR30,31	123C4	98E4
TRG-	28E8	17D7,53C6, F6,96A0, 152D4,D7

ANI TRANSVERTER (ATV)

DESIG	FS	CAD
1TR	98B1	
2TR	98A4	
A0,1,2,4,7	98A9	SEE ATVC CKT
B0,1,2,4,7	100B1	
C0,1,2,4,7	100B1	
CI	1A/C0	53D6,G6
CK1	132D6	55D7
CMB	102E9	
D0,1,2,4	103H1	SEE ATVC CKT
D7	103C4	
DIST	103H6	55D3
DNK	104C1	55D7
E0,1,2,4,7	104E4	
F0,1,2,4,7	104B9	
FTO-3	106F1	
FU0,1,2,4,7	106C9	SEE ATVC CKT
G0,1,2,4,7	107G4	
GC	132C4	
H7	108B1	
HN0-4	109D1	55D3
HN5-9	109F1	55D3
MB	9H3	53E6,G6
MB1	9H3	53E6,G6
MC	113C1	55G7
MOA	113A4	55D7
NOB	114G6	55D7
OBS	115G1	55D7
OFF0,1	126B6	55A0
OFF2,3	126B6	55D3
OFF4	126E6	55D3
OFF5	126B9	55D3
OFF6-9	126D9	55A0
OFTO-2	127B1	55D3

ANI TRANSVERTER (ATV)

DESIG	FS	CAD
P	133E9	55F7
PT	131B9	55F7
RCCK	11F5	53D6,G6
RL	112F4	SEE ATVC CKT
RLA	118E4	55F7
RPT	107B4	SEE ATVC CKT
SC	120F4	SEE ATVC CKT
T0-4	122D1	55D3
T5-9	122B4	55D3
TGR	131B1	55D7
TH0,1	114C4	55D3
TH2	114E4	55D3
TH3,4	114G4	55D3
TH5-9	114C6	55D3
TIK	125F1	55F7
TM	6F5	SEE ATVC CKT
TM2	120C9	55D3
TNK	134D6	55A3
TOP	126D1	55F7
TPT	107F1	
TR	109G6	SEE ATVC CKT
TRIT	105F1	
TRA	126G1	55D7
TRB	13C8	53D6,G6
TRL	133E6	55A3
TRS	126G4	SEE ATVC CKT
TRST	1A/C0	53D6,G6
TTT	11986	55F7
TVA	1A/A0	53D6,G6
TVB	1A/A1	53D6,G6
TVT	11D2	SEE ATVC CKT
TVTA0	8E4	53G6
TVTA1	8E4	53G6
U0-4	128C1	55D3
U5-9	128E1	55D3
VG0,1	129C1	
VG2	129E1	
VG4,7	129G1	SEE ATVC CKT
VG10	129C4	
X	112C9	55D7
XET	13B4	55D7
XRL	107D9	55F7
XTL	112E1	55D7
XVF	121G1	55D3
XVG	100F6	55F7

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	FS	CAD
1TR		55A7,98B4
2TR		55A7,98B4
A0,1,2,4,7		55A0,98B4
B0,1,2,4,7	SEE ATV CKT	55A0,98B4
C0,1,2,4,7		55A0,98B4
CK1		98B4
CMB		98B4
D0,1,2,4,7		55A0,98B4
DIST		98B4
DNK		98B4
E0,1,2,4,7	SEE ATV CKT	55A0,98B4
F0,1,2,4,7		55A0,98B4
FRO	105C6	7G7,98F0
FRG	27F8	54E7,G7
FTO-3		55H3,98B4
FU0,1,2,4,7		55A7,98B4
G0,1,2,4,7	SEE ATV CKT	55A0,98B4
GC		55A7,98B4
H7		55A0,98B4
HG0,1,2,4,7	108F1	55A7
HN0-9		98B4
MC		98B4
MOA		98B4
NOB		98B4
OBS		98B4
OFF0-9	SEE ATV CKT	98B4
OFTO-2		98B4
P		98B4
PT		98B4
RL		55E7,98B4
RLA		98B4
RPT		55B7,98B4
CO,1,2,4,7		55A0,98B4
CKI		98B4
CMB		98B4
CNO,1	102D1	7E7,98F0
CNG	27G3	54E7,G7
DO,1,2,4,7		55A0,98B4
DIST		98B4
DNK		98B4
EO,1,2,4,7	SEE ATV CKT	55A0,98B4
FO,1,2,4,7		55A0,98B4
ITR		55A7,98B4
2TR		55A7,98B4
AO,1,2,4,7		55A0,98B4
BO,1,2,4,7	SEE ATV CKT	55A0,98B4
CO,1,2,4,7		55A0,98B4
CI		98B4
CK1		98B4
CMB		98B4
D0,1,2,4		55A0,98B4
D7		98B4
DIST		98B4
DNK		98B4
E0,1,2,4,7	SEE ATV CKT	55A0,98B4
F0,1,2,4,7		55A0,98B4
FTO-3		55H3,98B4
FU0,1,2,4,7		55A7,98B4
G0,1,2,4,7	SEE ATV CKT	55A0,98B4
GC		55A7,98B4
H7		55A0,98B4
HG0,1,2,4,7	108F1	55A7
HN0-9		98B4
MC		98B4
MOA		98B4
NOB		98B4
OBS		98B4
OFF0-9	SEE ATV CKT	98B4
OFTO-2		98B4
P		98B4
PT		98B4
RL		55E7,98B4
RLA		98B4
RPT		55B7,98B4

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
SO-9	120D4	7B7,98F0
SC	SEE ATV CKT	55H3,98B4
SG	~~28H3~~	54E7,G7
SWO,1,2,4,7	108F1	55A7,98B4
TO-9		98B4
TGR		98B4
THO-9		98B4
TIK		98B4
TM		54E7,G7
TM2		98B4
TNK		98B4
TOP		98B4
TPT		55A7,98B4
TR	SEE ATV CKT	55E7,98B4
TRA		98B4
TRIT		55A7,98B4
TRL		98B4
TRS		55A7,98B4
TTT		98B4
TVT		54F7,G7
UO-9		98B4
VFO	128G4	132F6
VF1-4	128C6	132A9
VGO,1,2,4,7,10		55H3,98B4
X		98B4
XET		98B4
XRL	SEE ATV CKT	98B4
XTL		98B4
XVF		98B4
XVG		98B4

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)

DESIG	LOCATION FS	LOCATION CAD
GO-19		13H7
GA		15A4
GB		15A4
GG	28D8	53C6,E6, 101B6, 152D4, D7
TLRO-29		13F7
TRG-	28F8	53C6,E6, 101B6,152C7, D4

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)

DESIG	LOCATION FS	LOCATION CAD
GO-19		101E6
GA		101E6
GB		101E6
GG		17D7
TRL-	122F9,123B1	
TLRO-29	102F6	106D6
TRG		17D7

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
2DT	98F0	SEE MTC CKT
2W	98E2	
4W	98B5	
11	98E5	
AO,1,2,4,7	98B7	
A'O	98E7	5D/C3
A'1	98F7	5D/C3
A'2,4,7	99C0	5D/C3
AMA	112G0	SEE MTC CKT
ANC		
AOT		
ARO,1	99E2	
AR2,4,7	99F2	SEE MTC CKT
ATT		
AVK1	99B5	
BO,1,2,4,7	99D5	
B'O,1,2,4,7	99F5	5D/C3
BRO,1,4,7	99H5	SEE MTC CKT
CO,1,2,4,7	100D0	
C'O,1,2,4,7	100F0	5D/C3
CDO,1,2,4,7	100B2	SEE MTC CKT
CD'O,1,2,4,7	100C2	
CDAO,1,2,4	100D2	
CDA7	100E2	
CDA'O,1,2,4	100F2	SEE MTC CKT
CDA'7	100G2	
CI	1F/C7	2A/HO,H3
CL1	101F2	
CL2	101F2	
CL3	101F2	
CL4	101F2	
CL5	101G2	SEE MTC CKT
CL6	101B5	
CL7	101C5	
CL8	101C5	
CPO	102E2	

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
CR	102H2	SEE MTC CKT
CRO,1,2,4,7	102B5	
CR'O,1,2,4,7		7G3
D	103F0	
DO,1,2,4	103H0	
D7	103B2	
D'O,1,2,4,7	103D2	5D/C3
DCK	103D0	
DCT	103G2	
DL1	103C7	SEE MTC CKT
DL2,3	103E7	
DL4,5	103E7	
DL6	103F7	
DRO-9	26B0,104E0	8A3
DRTO,1	26B0	8A3
EO,1,2,4,7	104E2	SEE MTC CKT
E'O,1,2,4,7	104H2	5D/C3
FO,1,2,4,7	104B7	SEE MTC CKT
F'O,1,2,4,7	104D7	5D/C3
FAC	105B0	
FAK	105C0	
FBK	105D0	
FGO	105B2	
FGI	105C2	
FG2	105D2	
FSO-2	105C7	SEE MTC CKT
FS3,4	105D7	
FS5-7	105E7	
FS8,9	105F7	
FSIO-19	106B0	
FS20,21	106C0	
FS22-29	106D0	
FTO-3	106F0	
FUO,1,2,4,7	106B7	
FVD	107D2	SEE MTC CKT
GO,1,2,4,7	107G2	
G'O,1,2,4,7	10785	5D/C3
HO	107G7,129B0	
HI	107G7,129B0	
H2	107G7,129E0	SEE MTC CKT
H4	107G7,129G0	
H7	10B80,129G0	
H'O,1,2,4,7	108C0	5D/C3
HGO,1,2,4,7	108F0	
HMS1	109C0	
HTO,1,2,4,7	109C2	
INC	109D5	SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
JO,1,2,4,7	109C7	SEE MTC CKT
J'O,1,2,4,7	109D7	5D/C3
KO,1,2,4,7	110D5	SEE MTC CKT
K'O,1,2,4,7	110E5	5D/C3
LO,1,2,4	110H5	SEE MTC CKT
L7	110C7	
L'O,1,2,4,7	110C7	5D/C3
LCO	110F7	7C0
LC1	111B0	7C0
LC2	111D0	7C0
LC3	111E0	7C0
LC4	111G0	7C0
LC5	111B2	7C0
LC6	111D2	7C0
LC7	111E2	7C0
LC8	111G2	7C0
LC9	111B5	7C0
LR	112F2	
LT	120F5	
LT1	112H2	SEE MTC CKT
LT2	112B5	
LT3	112C5	
LVO,1	112E5	7F0
LV2-9	112F5	
MC, 1,2,4	100D2	
M7	100E2,113E7	SEE MTC CKT
M'O,1,2,4	100F2	
M'7	100H2,113G7	5D/C3
M11	11209	SEE MTC CKT
MF	113E0	SEE MTC CKT
MIR	113E1	7A0
MON	113B2	SEE MTC CKT
MOR	99H1,113C4	7A0
MOS	12189	7F0
MTRI	12C8	1B/GO
N7	113F7	
N'7	113G7	SEE MTC CKT
NDK	114C0	
OA	115B0	
OB	115D0	
ON	2A1	1B/A4,GO
OR	115G2	SEE MTC CKT
PCD	116D5	
PCD1	116E5	
PCR	116G5	
PD	116H5	
PHC	116C7	SEE MTC CKT
PK	116E7	
PS	117E0	

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
RO	119D0	SEE MTC CKT
RP	119C2	
SCK	120C5	SEE MTC CKT
SCN	120C5	
SCT	120D5	
SPL	121G2	
SRT	104H0	5A/C7
STR	3B0	1B/A4,GO
STR1	3C8	2A/D0
STRA	3D8	1B/B4
STRC	3D8	2A/E3
TAN	122C5	
TAN1	122E5	
TAN2	122F5	
TAN3	122H5	
TAN4	122C7	
TCA	123H2	
TCB	123C5	
TCC	123D5	
TFO 1,2	124E0	SEE MTC CKT
TF4,7	124F0	
THC	124E7	
THTO	124G2	
THT1	124C5	
THT2	125C0	
THT3	125C0	
TOL	126B0	
TP	126E0	
TRA	10E3	
TRB	14D8	1B/GO
TRB1	14D8	1B/GO
TRC	12A8	1B/A4,GO
TRST	1F/C7	2A/HO,H3
TST	127F2	
TT	127G2	
TTO,1,2,4,7	127C5	
U'O	128F2	
U'1,2,4,7	128B5	
UTO,1,2,4,7	128D2	SEE MTC CKT
VFO	128F2	
VF1-4	128B5	
VGO,1	129B0	
VG2	129E0	
VG4,7	129G0	
VG10	129B2	
X11	130B5	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
1TR	98C0	SEE MTC CKT
2DT	~~98E0~~	
2W	98E2	
4W	98B5	
11	98E5	
AO,1,2,4,7	99B7	
AKT	4B8	2A/C0
AL	99C2	SEE MTC CKT
ALT	99C2	
AMA	112G0	
AMKS	7F6	2A/D0
ATKT	99G4	14G3
ATP	1E,D6	2A/D0
BO,1,2,4,7	99D5	SEE MTC CKT
BT	99C7	
CO,1,2,4,7	100D0	
CDNK	100B5	104D7
CGA,B	100D5	SEE MTC CKT
CIB	5D7	1B/E0
CKG1	101H0	SEE MTC CKT
CKR	101D2	
CKR1	101E2	
CN	101H5	104D7
CRUO,1,2,4	102D5	SEE MTC CKT
CRU7	102E5	
CSG1	102G5	
CSG2	102H5	
CTAO,1,2	102D7	
CUO,1,2	102G7	
CU4,7	103B0	
DO,1,2,4	103H0	
D7	103B2	
DCT	103G2	SEE MTC CKT
DIS	103F5	
DIS1	103G5	
EO,1,2,4,7	104E2	
ECN	104B5	
F	104H5	
FO,1,2,4,7	104B7	
FAC	105B0	
FCK	105H0	
FGO	105B2	
FGI	105C2	
FG2	105D2	
FSO-2	105C7	104D7
FS3,4	105D7	104D7
FS5-7	105E7	104D7
FS8,9	105G7	104D7
FSIO-19	106B0	104D7

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
FS20,21	106C0	104D7
FS22-29	106D0	104D7
FTO-3	106F0	
FTC	106G2	
FTCK	106H2	
FUO,1,2,4,7	106B7	
FVD	107E2	
GO,1,2,4,7	100D0,107G2	
GPA	99H2	
GPB	107G5	
HO	107G7,129B0	
HI	107G7,129B0	
H2	107G7,129E0	
H4	107G7,129G0	
H7	10B30,129G0	
HGO,1,2,4,7	108F0	
HMS1	109C0	
HTO,1,2,4,7	109D2	
INC	109D5	
JO,1,2,4,7	109C7	
KO,1,2,4,7	110C5	
L7	110C7	
LB	110E7	
LHM	111F7	
LHMT	111G7	
LK2	112E0	
LK3	112F0	
LT	120F5	
LT1	112H2	
LT2	112B5	
LT3	112C5	
MKT-	7E6	1B/E7,3E3, 104D7
MO1	113H0	
MRL	113E2	
MT1K	113F2	
MT2K	113H2	
MT5	113B5	
MT7K	113G2	
MT8K	113D5	
MT9K	113D5	
MT10K	113E5	
MT12	113E5	
MT57	113F5	
MTL	7C9	2A/C0

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
MDT	114D0	SEE MTC CKT
NH	114D5	
NOB	114G5	
OA	115C0	104D7
OB	115E0	104D7
OR	115G2	SEE MTC CKT
OSC	115H5	
OTT	116F0	
OV	116G0	
PCD	116D5	104D7
PCD1	116F5	104D7
PCR	116G5	SEE MTC CKT
PHC	116D7	104D7
PK	116E7	
RA	117B2	
RBT	117C2	
RBT1	117C2	
RC	117D2	
RCT	117E2	
RCT1	117F2	
ROG	119F0	
RP	119C2	
RSO	119E5	
RSI	119F5	
RSK	120B0	
SO-9	120C2	
SB	120E2	
SBT	120E2	
SCK	120C5	
SRT1	121E5	SEE MTC CKT
TAN	122B5	
TAN1	122D5	
TAN2	122F5	
TAN3	122G5	
TAN4	122B7	
TB	122D7	
TBT	123C2	
TBTO-4	109F0	
TBT5-9	109B3	
TBTA	123D2	
TBUO-4	122G0	
TBU5-9	122D2	
TBUA	123E2	
TCA	123H2	
TCB	123C5	
TCC	123D5	104D7
TDCT	123E7	
TFO,1,2	124E0	SEE MTC CKT
TF4,7	124F0	

MASTER TEST FRAME CONNECTOR CKT

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AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD	
THC	124E7	104D7	
THTO	124G2		
THT1	124C5		
THT2	125C0		SEE MTC CKT
THT3	125C0		
TI	6H1,125D1	1B/E0	
TM	6C0	1B/E0	
TMK	125B5		
TMK1	125B5		
TOL	126C0		
TP	126E0		
TP1	126F0		
			SEE MTC CKT
TRK	98C0		
TRL	126C2		
TRL1	126C2		
TRL2	126D2		
TS	6G8	2A/D0	
TS0-3	126C5	104D7	
TS4	126F5	104D7	
TS5	126C7	104D7	
TS6-9	126E7	104D7	
TS10-12	127B0	104D7	
TS13-14	127D0	104D7	
TS15	127E0	104D7	
TS16-19	127F0	104D7	
TSE1	127C2		SEE MTC CKT
TSE2	127D2		SEE MTC CKT
TST	10G5		21B7
TT	127G2		
TTO,1,2,4,7	127B5		
TTC	127D5		
U'0	128F2		
U'1,2,4,7	128B5		
UTO,1,2,4,7	128E2		SEE MTC CKT
VF0	128F2		
VF1-4	128B5		
VG0,1	129B0		
VG2	129E0		
VG4,7	129G0		
VG10	129B2		
X11	130B5		

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD	
ITR	98C0		
2W	98D2	108D0	
A0,1,2,4,7	98B7	108D0	
ARET1	127H6	108D0	
ASK	122B5	108D0	
B0,1,2,4,7	99D5	108D0	
BT	99C7	108D0	
BY	131F0	108D0	
C0,1,2,4,7	100D0	108D0	
CGA	100D5	108D0	
CGB	100D5	108D0	
CI	1E/D2	108D0	
CIB	5D7	108D0	
CIK	105B0	108D0	
CKG1	101H0	108D0	
CRU0,1,2,4	102D5	108D0	
CRU7	102E5	108D0	
CSG1	102G5	108D0	
CSG2	102H5	108D0	
CTA0	102D7	108D0	
CTA1,2	102D7	108D0	
CTA4,7		108D0	
CU0,1,2	102G7	108D0	
CU4,7	103B0	108D0	
D7	103B2	108D0	
DCT	103G2	108D0	
DIS	103F5	108D0	
DIS1	103G5	108D0	
EXT	104F5	108D0	
FM	105G2	108D0	
FTO-3	106F0	108D0	
FTC	106G2	108D0	
FTCK	106H2	108D0	
FUO,1,2,4,7	106B7	108D0	
H4,7	129G0		
HGO ',2,4,7	108F0	108D0	
JSQ0	110H2	108D2	
KJSQ	110E5	108D2	
LHMT	111G7	108D2	
LK2	112E0	108D2	
LK3	112F0	108D2	
LLO	124F2	108D2	
LL1	124B5	108D2	
LL2	124D5	108D2	
LL4	124E5	108D2	
LL7	124G5	108D2	
LOLL	112E2	108D2	
LT	120F5	108D2	
MKS	7E5	108D2	
MKT(-)	7E5	3E3,108D2	
MO1	113H0	108D2	
MRL	113E2	108D2	
MT1K	113F2	108D2	
MT4K	113B5	108D2	
MT7	113C5	108D2	
MT8K	113D5	108D2	
MT10K	113E5	108D2	
NOB	114G5	108D2	
NTB	115G2	108D2	
NTH	114E7	108D2	

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD	
ON	2E1	108D2	
OR	115G2	108D2	
PK	116E7	108D2	
RBT	117C2	108D2	
RBT1	117C2	108D2	
REP	1E/D2	108D2	
RK	109D5	108D2	
RP	119C2	108D2	
SCK	120C5	108D2	
SP	15G3	108D2	
SPC	15H3	108D2	
STP1	121C7	108D5	
STP2	121E7	108D5	
STR	3E0	108D5	
STR1	3C8	108D5	
STR2	3C7	108D5	
STRA	3D7	108D5	
TB	122D7	108D5	
TCH0-4	123G5	108D5	
TCH5-9	123G5	108D5	
TCHK	123B7	108D5	
TDCT	123E7	108D5	
TI	6G1,125D1	108D5	
TM	6B0	108D5	
TRB	148B	108D5	
TRB1	148B	108D5	
TRC	128B	108D5	
TRK	98C0	108D5	
TRL	126C2	108D5	
TRLA		108D5	
TRLK	133D5		
TRMF	126B0	108D5	
TRST	1E/D2	108D5	
TS	6E8	108D5	
TSE1	127C2	108D5	
TSE2	127C2	108D5	
U'0	128F2		SEE MTC CKT
VF0	128F2	108D5	
VG4,7	129G0	108D5	

BILLING DATA TRANSMITTER (BDT)

DESIG	LOCATION FS	LOCATION CAD	
A0	106C4	131B3	
A1	106D4	131B3	
A2	106F4	131B3	
A4		131B3	
A7		131B3	
B0,1,2	106F9	131B3	
B4	107B1	131B3	
B7	129D4	131B3	
C0,1,2,4	129D4	131B3	
C7	129F4	131B3	
CLF	115C9	115C9	
D0,1,2,4,7	108C4	131B3	
E0,1,2,4,7	128E6	131B3	
ENC0	115E9	131B3	
ENC1	115E9	131B3	
F0,1,2	120G9	131B3	
F4,7	103B1	131B3	

BILLING INDEXER (BI)

DESIG	LOCATION FS	LOCATION CAD	
2L	117G4	90D5	
4L	117B6	90D5	
ABX	117D6	90D3	
ATO	112H4	90D3	
AT1	112B6	90D3	
AT2	112C6	90D3	
BBFC	112G1	90D3	
CK	117C6	90D3	
ECO-2	124E1	90D3	
ITTR	133D4	90D5	
MBIO,1,2,4,7	109C4	90D5	
MBK	117C9	90D3	
OINO,1,2,4,7	102B6	90D5	
OITO,1	127D1	90D5	
OIT2	127E1	90D5	
ORTO,1	99E4	90D3	
ORUO,1,2,4,7	99H6	90D3	
OTK	117B9	90D3	
PRL	117F4	90D5	
RG0	116F6	90D5	
RG1	116C6	90D5	
RG2	116E6	90D5	
RG4	100G1	90D5	
RG7	100H1	90D5	

BILLING INDEXER (BI)

DESIG	LOCATION FS	LOCATION CAD	
ROP	128F9	90D5	
ROP1	117F6	90D3	
RSG1	117F6	90D3	
RSG2	117G6	90D3	
RSG3	117G6	90D3	
TC	117E6	90D3	
TRT0	118B1	90D3	
TRT1		90D3	
TRT2		90D3	
TRT4		90D3	
TRT7	121F4	90D3	
TRU0	105B4	90D3	
TRU1	105C4	90D3	
TRU2	105E4	90D3	
TRU4	104B6	90D3	
TRU7	115B4	90D3	
TS	124B9	90D3	
TTK	117B9	90D3	
VTC	117E6	90D3	

CALENDAR AND CLOCK (C&C)

DESIG	LOCATION FS	LOCATION CAD	
DTO,1,2,4,7	104A4	13D7,117C0	
DUO,1,2,4,7	104D4	13D7,117C0	
HTO,1,2,4,7	109D4	13D7,117C0	
HUO,1,2,4,7	109H4	13D7,117C0	
MTO,1,2,4,7	113F4	13D7,117C0	
MUO,1,2,4,7	113G6	13D7,117C0	

CALL DATA TRANSMITTER APPLICATION (CDTA)

DESIG	LOCATION FS	LOCATION CAD	
A0,1,2,4,7	9B8 9		
AG	29G/B5	153D1	
AIOD	125B4		
B0,1,2,4,7	99C6		
BG	29G/B5	153D1	
C0,1,2,4,7	100C1		
CCSP	123B6		
CG	29G/B5	153D1	
CGA	118G4		
CGB	118F4		
CGG	29G/B5	153D1	
CK	132F6		
CKG	108D4		
CTO	102E4		
CT1	102F4		
CT2,4	102E4		
CT7	102F4		
CTG	29G/B5	153D1	

CALL DATA TRANSMITTER APPLICATION (CDTA)

DESIG	LOCATION FS	LOCATION CAD	
CU0,1,2	112G9		
CU4,7	113A1		
CUG	29G/B5	153D1	
D0,1,2,4	103G1		
D7	103B4		
DG	29G/B5	153D1	
DUAL	114C6		
E0,1,2,4,7	104F4		
ECT0,1,2	102G9		
ECTG	29G/B6	153D5	
ECU0	102C9		
ECU1	102C9		
ECU2	102C9		
ECU4	100C6		
ECU7	100C6		
ECUG	29G/B6	153D5	
EG	29G/B5	153D1	
EVN	128C9		
F0,1,2,4,7	104B9		
FG	29G/B5	153D1	
FGO-3	105B4-D4		
FN	108C9		
FNA	108C9		
FNB	108E9		
FNG	29G/B6	153D5	
FTO-3	106F1		
FTG	29G/B6	153D5	
FUO,1,2,4,7	106B9		
FUG	29G/B6	153D5	
GO,1,2,4,7	107G4		
G(A-H)	29G/B5	153D1	
G(J-L)	29G/B5	153D1	
GM	29G/B5		
HO,1,2,4	107G9		
H7	108B1		
HMS1	108D6		
HG	29G/B5	153D1	
HNO-4	109E1		
HN5-9	109G1		
HNG	29G/B6	153D5	
ITR	108G6		
JO,1,2,4	109C9		
JG	29G/B5	153D1	
KO,1,2,4,7	110C6		
KG	29G/B5	153D1	
L7	110B9		
LT	120E6		
LT1	127G4		
LT2	98E1		
LT3	107C4		
MT	108F9		
MTO	118C6		
MT1	118D6		
MTG	29G/B6	153D5	
MTK	128F6		

CALL DATA TRANSMITTER APPLICATION (CDTA)

DESIG	LOCATION FS	LOCATION CAD	
MU0	118E6		
MU1	118F6		
MU2	118G6		
MU4	118H6		
MU7	118B9		
NOB	114H6		
NRDO	117G4		
NRD1	117B6		
NRG	29G/B6	153D5	
OBG	29G/B6	153D5	
OBS	115F1		
OC	118D4		
ODD	128G6		
OEG	29G/B6	153D5	
OFFO-3	126D6		
OFF4	126G6		
OFF5	126C9		
OFF6-9	126F9		
OFFG	29G/B6	153D5	
OFTO-2	127B1		
OFTG	29G/B6	153D5	
PPSP	123F4		
RCDO	128D9		
RCD1	117F4		
RCG	29G/B6	153D5	
RK3	108A6		
SLU	117D9		
SMPA	125E6		
SNG	107C6		
SOG	108F6		
SPT0	107D6		
SPT1	128F1		
SPTG	29G/B6	153D5	
SPU0	116B6		
SPU1	121D1		
SPU2	101B4		
SPU4	101C4		
SPU7	98G6		
SPUG	29G/B6	153D5	
TO-4	122D1		
T5-9	122B4		
TBK	108F4		
TBL	11309		
TBY	130E6		
TFO-2	124E1		
TF4,7	124F1		
TFTO-2	106G9		
TFTG	29G/B6	153D5	

CALL DATA TRANSMITTER APPLICATION (CDTA)

DESIG	LOCATION FS	LOCATION CAD	
TFU0,1,2,4	129E4		
TFU7	129F4		
TFUG	29G/B6	153D5	
TG	29G/B6	153D5	
THO,1	114C4		
TH2	114E4		
TH3,4	114G4		
TH5-9	114B6		
THG	29G/B6	153D5	
TK	121E9		
TM2	120C9		
TMG	29G/B6	153D5	
TNTO,1,2,4,7	108B4		
TNTG	29G/B6	153D5	
TNU0,1,2,4,7	128D6		
TNUG	29G/B6	153D5	
TRL	133C6		
U0-4	128D1		
U5-9	128F1		
UG	29G/B6	153D5	
VG0,1	129B1		
VG2	129D1		
VG4,7	129F1		
VG10	129B4		
VGG	29G/B6	153D5	
X11	130B6		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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DESIG	LOCATION FS	LOCATION CAD
CALL WAITING LINK (CWL)		
CRS	102D6	30B/A3
HMS	109B1	30B/A3
SXT	121G9	30B/A3
XHM	131E6	30B/A3
XS	133H4	30B/A3
CAMA TRANSVERTER (CTV)		
1TR	98B1	86C5
2L	117G4	86B1
2TR	98B4	86C5
4DG	98H4	86B2
4L	117B6	86B0
7DG	108F4	96B2
A0,1,2,4,7	98A9	86C7
A'0	98D9	86G2
A'2	99A1	86G2
AC	108E4	86B2
ACD	99E1	86B2
AD	99F1	86B2
B0,1,2,4,7	99C6	86C7
B'0,1,2,4,7	99E6	86G2
BIO	124C9	86B2
BI1	101F6	86B2
BIRA	128B9	86B2
BY	131E1	
C	100A1	86G2
C0,1,2,4,7	100B1	86C7
C'0,1,2,4,7	100D1	86G2
CC0-3	106D6	86B2
CC4	106E6	86B2
CC5	106F6	86B2
CC6-9	107C1	86B2
CI	1A/C6	66G0
CI1	130E9	86C5
CI1T	101D1	86C5
CI2	133B4	86C5
CI2T	101D1	86C5
CI3	131F4	86C5
CI3T	101D1	86C5
CI4	133B1	86C5
CI4T	101D1	86C5
CIFA	133D1	86C5
CIFAT	101D1	86C5
CK	132B1	86C5
CK1	132E6	86A5
CK2	132D4	86A5
CKG	132B4	86C5
CP1	102G4	86B2
CP7	102G7	86B2
D0,1,2,4	103H1	86C7
D7	103C4	86C7
D'0,1,2,4,7	103C4	86G2

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
DIST	103H6	86G7
DNC	103G9	86B2
DS	132D1	86G2
DTK	104C4	86C5
DTKA	104D4	86G2
DTN	134C4	86G2
E0,1,2,4,7	104E4	86F5
E'0,1,2,4,7	104F4	86G2
EXT	130G6	86C5
F0,1,2,4,7	104B9	86F5
F'0,1,2,4,7	104C9	86G2
FC	105E1	86B2
G	108C6	86B2
G0,1,2,4,7	107G4	86F5
GC	133B4	86C5
H0,1,2,4	107F9	86F5
H7	108B1	86F5
IC	133G4	86C5
ICK	109A6	86G2
IE	128C9	86B2
IR	109E6	86G2
IRY	133F6	86C5
ITTR	133E4	86B0
J0,1,2,4,7	109C9	86F5
K0,1,2,4,7	110D6	86C5
LCD0-2	111C6	86B2
L00	121C4	86B2
L01	113G1	86B2
LST	111F9	86B2
MB	9G3	86G0
MBI0,1,2,4,7	109C4	86B0
MC	113C1	86C5,E5
MOA	113B4	86C5
NL00	109B6	86B2
NL01	103F1	86B2
NMB0	104F1	86B2
NMB1	109B9	86B2
NMF	111G6	86B2
NMK	108C5	86B2
NOB	114G6	86C5
OA0,1,2,4,7	107B6	86B2
OAR0	103B9	86B2
OAR1	103D9	86B2
OAR2	103D9	86B2

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
OB0,1,2,4,7	108C2	86B2
OBS	115F1	86C5
OC0,1,2,4,7	109D9	86B2
OD	115C4	86B2
OD0,1,2,4,7	110E6	86B2
OE0,1,2,4,7	110D9	86B2
OF0	113F9	86B2
OF1	112D9	86B2
OF2	101C6	86B2
OF4	101C6	86B2
OF7	102E6	86B2
OG0,1,2,4	107H6	86B2
OG7	107B9	86B2
OIK	108A9	86B2
OIN0,1,2,4,7	102B6	86B0
OIT0,1	127D1	86B0
OIT2	127E1	86B0
OP1	131G1	86C5
ORC0	114E9	86B2
ORC1	114F6	86B2
ORC2	108D1	86B2
P	133D9	86G2
P1	132B6	86G2
P2L	108F9	86B2
P4L	128E6	86B2
P5	130B9	86C5
P5L	128G6	86B2
PA	116E4	86G2
PRL	117F4	86B0
PRLK	108E9	86B2
PRLT	117D1	86B2
PT	131B9	86G2
PT1	134B1	86G2
RB	134G6	86C5
RCCK	11F5	86G0
RCI	21A1	86G0
RD	132B9	86G2
RDL	117E9	86G2
REO	121B6	86B2
RE1	113E1	86B2
RG0	116F6	86B0
RG1	116C6	86B0
RG2	116E6	86B0
RG4	100G1	86B0
RG7	100H1	86B0
RGK	108B6	86B2
RK	121F9	86C5
RL	112F4	86C5,E5
RL1	103D1	86B2
RLA	118F4	86C5
RN0-2	118C9	86F5
RN4,7	118D9	86F5
RNA	21A2	86B0
ROP	128F9	86B0
ROPT	119G1	86B2
RST0-9	101C9	86A5
SC	120G4	86C5
SK0	119B1	86B2
SK1	115G4	86B2

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
T4L	108F6	86B2
T5L	108E6	86B2
TARO	101G4	86B2
TAR1	101B6	86B2
TAR2	122D9	86B2
TAR3	122D9	86B2
TBL	113B9	86G2
TC	99G1	86B2
TCI	1A/C4	
TCT	123D9	86G2
TEA	130C9	86C5
TET	124C1	86C5
TIO-3	125E1	86B2
TIAO-3		86B2
TIC	125E1	86C5
TIK	125F1	86C5
TM	6E5	86F0
TM2	120C9	86G7
TM2T	130F4	86G7
TM3T	120C9	86G7
TNR	113B9	86C5
TOK	131D6	86C5
TR	109F6	86A5,B5
TRA	126G1	86C5
TRB	13C8	86G0
TRIT	105F1	86B2
TRS	126F4	86A5
TRST	1A/C5	86G0
TVA	1A/B4	86G0
TVB	1A/B4	86G0
TVT	11C2	86G0
TVT3(-)	21D2	86G0
TVTA(-)	8E5	86G0
UK	128G1	86G2
VTC	130B4	86B2
WKC	130D4	86B2
X2P	121F1	86C5
XCK	118G9	86C5
XICK	119E9	86G7
XIN1	104C4	86B2
XIN2	105C1	86B2
XIN3	105D1	86B2
XP	103C6	86C5
XPA	111E6	86B2
XRB	103D6	86C5
XRD	121F1	
XRL	107C9	86C5
XS	118C4	86B2
XT	133G6	86G2
XTKK	115B9	86C5
XU	103G6	86C5

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER CONNECTOR (CTVC)		
CN0	102D1	89E7
CN1	102D1	89E7
CN2	102F1	89E7
CN3	102F1	89E7
CNG	27F3	89D7
FR0	105C6	89E7
FRG	27F8	89D7
S0-9	120C4	90A7
S10-14	120C4	90A7
SG	28G3	89D7
COMBINED OR COMPLETING MARKER (CM)		
ONN	118F4	4H5
1SE	118G4	4H5
1TB	118G4	4H5
2DT	98E1	4E0
2L	98G1	4G7
2L1	98G1	4G7
2LN	98H1	4A6
2MB	118A6	4H5
2P	123B6	4B0
2S1	118A6	4H5
2TR	98D4	
2W	98E4	57C0,112B2
2WD	98F4	57C0,112B2
2WD1	98F4	57C0,112B2
3FB	118B6	4H5
3NA	118B6	4H5
4DG	98F4	4H5
4NE	118C6	4H5
4TT	118C6	4H5
4W	98B6	57C0,112B2
5DG	98C6	4H5
5MT	118D6	4H5
5ST	118D6	4H5
6FT	118E6	4H5
6NT	118E6	4H5
7RN	118F6	4H5
7TP	118F6	4H5
8MP	118G6	4H5
8SP	118G6	4H5
9FP	118A6	4H5
9NP	118A9	4H5
:1	98D6	4C2
A	98F6	4C0
A0,1,2,4,7	98B9	4E0
A'0	98D9	4C0
A'1	98F9	4C0
A'2	99B1	4C0
A'4	99C1	4C0
A'7	99C1	4C0
ACD	99D1	4A6
AD	99F1	4A6
AD'	99G1	4A6
AG1	102C6	57C0
AG2	109B1	57C0
AGCK	99G1	4C5
AIS	99H1	4A6,E0

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
AK	99A4	4C0
AL	99B4	4G5
ALT	99C4	4A7
AMA	112G1	4E0
AN	99D4	4D0
ARO,1,2,4,7	99E4	4A2
ATT	104G1	4H5
AVKI	99A6	4A2
B0,1,2,4,7	99C6	4E0
B'0,1,2,4,7	99E6	4C0
BLC	99F6	4A7
BN	99G6	4E1
BRO,1,2,4,7	99G6	4A2
BRL	99H6	57C0,112B2
BRT	99A9	57C0,112B2
BST	99B9	4G5,57C0
BT	99B9	4A2
BTT	99D9	
BY	99G9	4G5
C0,1,2,4,7	100C1	4E0
C'0,1,2,4,7	100E1	4C0
CAM	100F1	4A6
CAMA	100F1	4A6
CAMF	100G1	4A6
CAMS	100H1	4A6
CD0,1,2,4,7	100A4	57C0,11282
CD'0,1,2,4,7	100B4	
CDA0,1,2,4	100C4	57C0
CDA7	100D4	57C0
CDA'0,1,2,4	100F4	57C0
CDA'7	100G4	57C0
CDN	100H4	4H5
CDNK	100A6	4G7
CE	100B6	57C0,112B2
CE'	100B6	57C0,112B2
CGA,B	100C6	4G5
CGT	100D6	4G5
CH0-9	100F6	4B0
CHA	100E9	4B0
CHE	101A1	4B0
CI	1D/D6	3F3,11G0
CK	101F1	4B0
CKG	101G1	4B0
CKGI	101H1	4A7
CKG2	101B4	4A7
CKO	101B4	4C0,112F4
CKR	101D4	4C0,112F4
CKRI	101E1	112F4
CL1	101F4	4E0
CL2	101F4	4E0
CL3	101F4	4E0
CL4	101F4	4E0
CL5	101G4	4E0
CL6	101A6	4E0
CL7	101B6	4A2
CL8	101C6	4A2
CLG	101D6	4B0
CLK	123C9	4B0
CLT1	101D6	3B0
CLT2	101D6	3B0
CM	101E6	
CN	101H6	4B0
CNR	102H1	4H5
CNS	102A4	4C2
CNT	102B4	4C5

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
CON	102C4	4G5
CPO	102D4	4H5
CP1	102F4	4H5
CP2,4	102D4	4H5
CP7	102F4	4H5
CR	102G4	4C2
CRO,1,2,4,7	102A6	4E0
CRR0,1,2	102B6	4H5
CRU0,1,2,4	102D6	
CRU7	102E6	
CS0-29	102F6	4G5
CSG1	102G6	4G7
CSG2	102H6	4G7
CSW	102A9	4C5,G5
CT0-2	102B9	4B0
CTA0-2	102D9	4G7
CTT0,1	102E9	4G7
CTUK	102F9	4B0
CU0,1,2	102F9	4G5
CU4,7	103A1	4G5
CUT0,1,2,4,7	103C1	4G7
CWF	103C1	4D0
CWK	103D1	4C0
D	103F1	4G5
D0,1,2,4	103G1	4E0
D7	103A4	4E0
D'0,1,2,4,7	103D4	4C0
DAC	103E4	4A5
DATK	103E4	
DCK	103C1	4D0
DCT	103F4	4G5
DCTI	103A6	4B0
DCT2,3	103D6	4B0
DIS	103F6	4A7
DIS1	103F6	4G5
DLI	103B9	4E0
DL2,3	103C9	4E0
DL4,5	103E9	4E0
DL6	103F9	4E0
DLTK	103F9	
DNC	103F9	4A6
DNGA	104A1	112B2
DNGB	104B1	112B2
DNGC	104B1	112B2
DNGD	104B1	57C0,112B2
DR	104D1	4C0
DTK	104B4	4G5
E0,1,2,4,7	104E4	4E0
E'0,1,2,4,7	104H4	4C0
ECN	104A6	4H5
EF	104C6	4B0
EG	104D6	4C0
EN	104D6	4C0
ENI	104E6	57C0,112B2
ESCK	104E6	57C0,112B2
EV	SEE RPL CKT	57C0,112B2
EXB		4G5
EXG		4G5
EXT	104G6	4D7

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
F	104G6	4A7
F0,1,2,4,7	104A9	4E0
F'0,1,2,4,7	104C9	4C0
FAA	SEE	4G5
FAB	FATC CKT	4G5
FAC	105A1	4E0
FAD	125B9	4H5
FAK	105C1	4D0
FBK	105D1	4D0
FC	105E1	4A6
FCG	105E1	4B0
FCK	105G1	4G5
FG0	105A4	4D0
FG1	105C4	4D0
FG2	105D4	4C5
FK	105E4	4A6
FLG	117D1	4G5
FM	105G4	4B0
FML	105H4	4B0
FNA	105A6	4B0,G5
FNB	105B6	4B0,G5
FS0,1,2	105B9	4D0
FS3,4	105D9	4D0
FS5-7	105E9	4D0
FS8,9	105F9	4D0
FS10-19	106A1	4D0
FS20,21	106B1	4C5
FS22-29	106D1	4C5
FT0-3	106E1	4D0
FT'0	106A4	4B0
FT'1	106C4	4G0
FT'2	106E4	4B0
FT'3	106F4	4B0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	98B

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DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
FTC	106G4	4A7
~~FTCK~~	~~106H4~~	~~3G5~~
FTK1	106A6	4B0
FTT0-3	106C6	3G5
FTT4	106E6	4C5
FTT5	106F6	4C5
FU0,1,2,4,7	106A9	4D0
FU'0	106D9	4B0
FU'1,2,4	106E9	4B0
FU'7	107A1	4B0
FUT0-3	107C1	4G5
FUT4	107D1	4G5
~~FUT5-7~~	107E1	4G5
FUT8	107G1	4G5
FUT9	107C4	
FVD	107D4	4C2
G	107E4	4A7
G0,1,2,4,7	107F4	4E0
G'0,1,2,4,7	107A6	4C0
GLA	107C6	4C0
GLB	107D6	4C0
GLH	107D6	4B0
GPA	99G4	4H5
GPB	107F6	4H5
GS1-4	107H6	4H5
GS5	107A9	4H5
GT2	107B9	4B0
GT5	107D9	4B0
GTL	107E9	4B0
H0,1,2,4	107F9	4E0
H7	108A1	4E0
H'0,1,2,4,7	108C1	4C0
HF	108E1	4G5
HFA	12589	4H5
HG0,1,2,4,7	108F1	4D0
HG'0,1,2,4,7	108A4	4B0
HGK	108C4	4G5
HGT0	108E4	4G5
HGT1	108G4	4G5
HGT2	108B6	4G5
~~HGT3~~	108C6	4G5
HGT4	108E6	4G5
HGT5	108G6	4G5
HGT6	108B9	4G5
HGT7	108D9	4G5
HGT8	108E9	4G5
HGT9	108G9	4G5
HMA	SEE RPL CKT	57C0,112B2
HMS1	109C1	4D0
HN0-4	109E1	4C0,112F4
HN5-9	109A4	4C0,112F4
HT0,1,2,4,7	109C4	4C2
HTK1	109D4	4B0
HTR	109F4	4G5
HTUK	109G4	4C0
INC	109D6	4E0
IRS	109F6	4D7
IT	109G6	57C0,112B2
ITR	109A9	4C0
J0,1,2,4,7	109C9	4E0
J'0,1,2,4,7	109D9	4C0
JC0-4	109E9	4B0
JC5-9	110A4	4B0
JCK	110B4	4B0
JG0	110C4	4B0
JG1	110D4	4B0
JG2	110E4	4B0
JG3	110F4	4B0
JG4	110F4	4B0
JSQ0	110H4	4G7
JSQ1-5	110A6	4G7
JXP1	101A1	4B0
JXPA	110B6	4C0
K0,1,2,4,7	110C6	4E0
K'0,1,2,4,7	110E6	4C0
KJSQ	110E6	4G7
KM	110F6	112C4
L0,1,2,4	110G6	4E0
L5D	118C1	4H5
L7	110A9	4E0
L'0,1,2,4,7	110C9	4C0
LAN	110D9	112F4
LB	110D9	4B0,112F4
LCD0,1,2	111C6	3A6
LCH	111D6	4B0
LCK	111D6	4G5
LDN	111F6	112C4
LDT	111F6	4G5
LES1	111H6	57C0,112B2
LESK	111H6	57C0,112B2
LFK	111A9	4A0
LFK1	111D9	112C4
LHM	111F9	4G7
LHMT	111G9	4G7
LI	112A1	4G5
LIN	112B1	4B0
LK	112C1	4B0
LK1	112D1	4G5
LK2	112E1	4A7
LK3	112F1	4D7
LL0	124F4	4B0
LL1	124B6	4B0
LL2	124D6	4B0
LL4	124E6	4B0
LL7	124F6	4B0
LLE1	112H1	57C0,112B2
LLES	112H1	57C0,112B2
LLI	112A4	4D7
LLJ	112B4	4G7
LLP	112B4	112C4
LLP2	109C6	112F4
LOLD	112D4	4G7
LOLL	112D4	4A6,G7
LOLP	112E4	4G7
LPI	127F1	112C4
LR	112E4	4D0
LRA	109C6	112C4
LRR	112G4	112C4
LRS	112G4	112C4
LST	111E9	4H5
LT	120E6	4C2
LTI	112G4	4A2
LT2	112A6	4A2
LT3	112C6	
LTG	1080	3B3 111C0
LTR	112D6	4B0
LVM	112F6	4G7
LXPA	112D6	4B0
LXPI	112A9	4B0
M	112C9	4G5
M0,1,2	100D4	112B2
M4	100D4	57C0,112B2
M7	100E4,113E9	4E0
M'0	100F4	57C0,112B2
M'1	100F4	112B2
M'2	100F4	112B2
M'4	100F4	112B2
M'7	100H4,113G9	4C0
MAK1	112E9	4G5
MAN	123G4	4B0
MB	11G2	3G3,111G0
MB0,1,2	112F9	4H5
MB4,7	113B1	4H5
MCS	113D1	4G5
MF	113D1	4G5
MIT	6C5	3G3,111G0
MKA	10/B6	3G3,111G0
MKB	10/B6	3G3,111G0
MKT(-)	7G3	3F3,111G0
MLF	113F1	4G5
MOI	113H1	4A7
MON	113B4	4A2
MPP	113C4	
MPT		4G5
MRI	113C4	112C4
MRL	113D4	4G5
MT	11B2	3G3,111G0
MT1K	113F4	4A7
MT2K	113H4	4D7
MT3K	113A6	4G7
MT4K	113B6	4G5
MT5	113B6	4G7
MT7	113C6	4G7
MT7K	113G4	4B0
MT8K	113D6	4G7
MT9K	113D6	4G7
MT10K	113E6	4D7
MT12	113E6	4A7
MT38K	113F6	4C5
MT57	113F6	4A6
MXT	113C9	4B0
N7	113F9	57C0,112B2
N'7	113G9	112B2
NAMA	114B1	4H5
NDI	114C1	4B0
NDK	114C1	4E0
NDT	114D1	4G5
NE	114D1	4C0
NGK	114C6	4E0
NGK1	10706	4C0
NH	114D6	4G5
NMR	114E6	
NN	114F6	4G5
NOB	114G6	4H5
NOB'	114A9	4H5
NOBT	114B9	4A7
NOC	114B9	4B0
NR	114C9	4C0
NSI	114C9	4B0
NSO	114D9	4B0
NSP	114D9	4B0
NT	114D9	4G5
NTCW	114E9	11707
NTH	114E9	4A7
NTT	114F9	4G5
NTVB	114G9	11707
OA	115A1	4C2
OB	115D1	4C2
OBS	115F1	4H5
OBS'	115G1	4H5
OBS1	125C9	4G5
OBS2	125F6	4G5
OBST	115H1	4A7
OC1	115H1	4A7
OCN	115A4	4H5
OD	115B4	4A6
OD'	115D4	4A6
ODD	SEE RPL CKT	57C0,112B2
OFH	115D4	4G5
OP	115E4	57C0,112B2
OPR	115E2	4C0
OR	115F4	4H5
ORC'0	119B1	4A6
ORC'1	115H4	4A6
ORC'2	115A6	4A6
ORK	118G1	4E0
OS0	115B6	4E0
OS1	115C6	4E0
OS2	115D6	4E0
OS3	115F6	4E0
OS4	115G6	4E0
OSC	115H6	4D7
OSE	115A9	4H5
OSG0	115B9	4E0
OSG1	115D9	4E0
OSG2	115D9	4E0
OSG3	115E9	4E0
OSG4	115E9	4E0
OSG5	115F9	4A2
OSG6	116A1	4A2
OSG7	116A1	4A2
OSG8	116A1	4A2
OSG9	116A1	4A2
OSG10	116B1	4A6
OSG11	116B1	4A6
OSK	116D1	4H5
OST2	116E1	4B0
OTT	116F1	4G5
OV	116F1	4G5
OVFD	SEE RPL CKT	57C0,112B2
OVF1	SEE RPL CKT	57C0,112B2
OVK	116H1	4A7
P0-4	116A4	4B0
P5-9	116C4	4B0
PA	116D4	4B0
PAN	116F4	112C4
PB	116F4	4B0
PBN	116G4	4C0
PBX	116H4	4G7
PBX1	116A6	4H5
PC	116B6	4B0
PCD	116D6	4E0
PCD1	116E6	4E0
PCR	116G6	4E0
PD	116H6	4E0
PDK	116H6	4G7
PE	116A9	4C5
PHC	116C9	4E0
PK	116D9	4E0
PLL	116E9	4E0
PN	116F9	4C0
PNR	116F9	4B0
POTS	117A1,B1	112C4
PR	117B1	4B0
PRCY	119C6	4H5
PRI	117C1	57C0,112B2
PS	117E1	4E0
PSI	117F1	4C5
PSR	117F1	4C0
PTK	117G1	4B0,G5
PTN	117G1	4C0
PUL	117H1	4C0
RA	117A4	4G5
RBT	117C4	4A7
RBT1	117C4	4G5
RC	117D4	4A7
RCCK	11D1	3G3,111G0
RCK2	117D4	4G5
RCK3	117D4	4B0
RCT	117E4	4A7
RCT1	117E4	4G5
RCT2	117F4	4G5
RCT3	117A6	4G5
RCT4	117C6	4G5
RCT5	117D6	4G5
RCT6	117D6	4G5
RCT7	117E6	4G5
RCT8	117E6	4G5
RCT9	117F6	4G5
RCT10	117G6	4G5
RCT11	117G6	4G5
RCT12	117A9	4G5
RCT13	117B9	4G5
RCT14	117C9	4G5
RCT15	117C9	4G5
RCY	117D9	4A0
RE	117F9	4A7
RF	117G9	4B0
RG	118A1	112B2
RI	118D1	4E0
RIP	118D1	4A6,112C4
RK	118E1	4B0
RK1	118G1	4B0
RK2	118A4	4B0
RK3	118B4	4B0
RL	118E4	4B0
RN0	118B9	4H5
RN1	118B9	4H5
RN2	118B9	4H5
RN4	118C9	4H5
RN7	118C9	4H5
RNG	118E9	4C0
RNK	118E9	4C2
RNT2	118F9	4B0
RNT'2	119B1	4A6
RNT20	119C1	4B0
RO	119C1	4E0
RO'	119D1	4B0
ROA	119E1	4C0
ROG	119F1	4D7
ROH	119F1	4C5
RON	12F8	1B/B0,21E2, 111G0
ROT	119G1	4A2
RP	119B4	4C2
RPK	119B6	4C0
RSO	119D6	4G5
RS1	119E6	4G5
RS2	119G6	4G5
RS3	119B9	4G5
RS4	119C9	4G5
RS5	119C9	4G5
RS6	119C9	4G5
RS7	119C9	4G5
RS8	119C9	4G5
RS9	119D9	4G5
RSC	119E9	4B0
RSK	120B1	4G5
RT	120C1	57C0,112B2
RTO	SEE RTC CKT	4G7
RTI	SEE RTC CKT	4G7
RTC	120G1	4C7
RTST	1E/D8	2A/C0
RV	120G1	4C0
RVI	120E4	4B0
S0-9	120C4	4D7
SAE	120E4	4C0
SB	120E4	4A7
SBT	120E4	4A7
SC	120G4	4H5
SCB	120B6	4G5
SCK	120B6	4C2
SCN	120C6	4C2
SDT	120B9	4G5
SEF	120D9	4C5
SF	120E9	4B0
SG		4A6
SIA	121B1	4D7
SIB	121B1	4D7
SL	121C1	4G5
SLCK	121D1	4H5
SLK1	121E1	4B0
SLK2	121F1	4B0
SMP	121E4	4B0
SNG	107C6	4C0
SNK	121B4	4B0
SOG	121C4	4C0
SON	121D4	4H5
SP	15A3,B3	3F7
SPC	15B3,C3	3F7
SPL	121F4	4D0
SQA	121C6	4B0
SRI	121D6	57C0
SR2	124C9	57C0
SR3	124D9	57C0
SRK	121D6	4G5
SRT	104G1	4B0
SSA	121E6	4H5
SSB	121F6	4H5
STP1	121B9	4G5
STP2	121D9	4G5
T0-4	121F1	4C0,112F4
T5-9	122C4	4C0,112F4
TAN	122B6	4E0
TANO	122B6	4E0
TAN1	122D6	4E0
TAN2	122F6	4E0
TAN3	122G6	4E0
TAN4	122B9	4E0
TAN5	122D9	4G5
TB	122D9	4A7
TB0	122E9	4B0
TB1	123B1	4B0
TB2	123B1	4B0
TB3	123B1	4B0
TB4	123B1	4B0
TB5	123C1	4B0
TB6	123D1	57C0,112B2
TB7	123D1	57C0,112B2
TB8	123E1	57C0,112B2
TB9	123E1	57C0,112B2
TBH	123F1	4G5
TBI	123F1	4E0
TBK	123G1	4B0
TBSO	123B4	112C4
TBS1	123B4	112C4
TBS2	123B4	112C4
TBS3	123B4	112C4
TBT	123C4	4A7
TBTA	123D4	112F4
TBUA	123D4	
TC	123E4	4C2
TCI	123F4	4G5
TCA	123H4	4A2
TCB	123C6	4A2
TCC	123D6	4A2
TCGA	123D6	4C5
TCGB	123E6	4C5
TCH	123F6	4B0
TCHO-9	123G6	4G7
TCHK	123B9	4G5
TCK1	123D9	4G5
TDCT	123E9	4A7
TER	124B1	4C0
TES1	124B1	57C0,112B2
TESK	124C1	57C0,112B2
TFO	124D1	4D0
TF1	124D1	4D0
TF2	124D1	4D0
TF4	124E1	4D0
TF7	124E1	4D0
TFA	SEE FATC CKT	4A7
TG0	124G1	4B0
TG1	124G1	4B0
TG2	124B4	4B0
TG3	124B4	4B0
TG4	124B4	4B0
TG5	124C4	4B0
TG6	124D4	4B0
TG7	124D4	4B0
TG8	124D4	4B0
TG9	124D4	4B0
TG10	124D4	4B0
TG11	124D4	4B0
TG12	124D4	4B0
TG13	124D4	4B0
TG14	124D4	4B0
TG15	124E4	4B0
TG16	124E4	4B0
TG17	124E4	4B0
TG18	124E4	4B0
TG19	124E4	4B0
TGT	109F6	4B0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1B

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
TH'0	124B9	4G5
TH'1	124B9	4G5
TH'2	124C9	4G5
TH'3	124D9	4G5
THC	124D9	4E0
THGTO-4	125B1	4G7
THGT5-9	125B1	4G7
THTO	124G4	4C5
THT1	124C6	4C5
THT2	125C1	4C5
THT3	125C1	4C5
TIN	125G1	4B0
~~TIR~~		112C4
TK	125B4	4B0
TLE1	125D4	57C0,112B2
TLES	125D4	57C0,112B2
TLH	125E4	4G5
TLT	125E4	4A5,B0
TM	125F4	4G5
TMK	125B6	4G5
TMK1	125B6	4G5
TN	125C6	4C0
TNK	125D6	4C0
TOB	125F6	4G5
TOB1	125B9	4H5
TOB2	125B9	4H5
TOBS	125C9	4G5
TOG	125D9	4C0
TOL	126B1	4E0
TOSO-4	126D1	4D7
TP	126D1	4C2
TP'	126E1	4G5
TR1	126F1	4A7
TRB	13C4	3G3,111G0
TRF	121B6	4H5
TRK	98C1	4G5
TRL	126B4	4G5
TRL1	126C4	4A7
TRL2	126D4	4G5
TRN	126D4	4C0
TRR	126E4	4A7
TRS	126E4	4G5
TRST	10/D6	3F3,111G0
TRT	126B6	4D7
TS0-3	126C6	4B0
TS4	126F6	4B0
TS5	126B9	4B0
TS6-9	126E9	4B0
TS10-12	127C1	4B0
TS13,14	127D1	4B0
TS15	127E1	4B0
TS16-19	127F1	4B0

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
TSC5	126B1	4A2
TSE	127B4	4G5
TSE1	127C4	4A7
TSE2	127C4	4A7
TSK	SEE TLC,TL&C CKT	4D7
TSR	122E4	4C0
TST	127F4	4A2
TSTL	127F4	112C4
TT	127G4	4C2
TTO,1,2,4,7	127C6	4C2
TTC	127D6	4A7
TTF	127D6	4C5
TTG	10C0	3C3,111G0
TTK	127E6	4B0
TTT	127G6	4A7
TVFTO-4	127C9	4G7
TVGTO-4	127D9	4G7
TVGT5-11	127E9	4G7
TVGT12	127F9	4G7
TVGT13	127F9	4G7
TVT	128B1	4H5
TWT	103D1	4C0
U0-4	128B4	4C0
U5-9	128C4	4C0
UK	128F1	4C0
UKA	128B4	117C7
UTO,1,2,4,7	128E4	4C2
VFO	128F4	4D0
VF1-4	128B6	4D0
VF'0-4	128D6	4B0
VFTO	128E6	4G5
VFT1	128G6	4G5
VFT2	128B9	4G5
VFT3	128C9	4G5
VFT4	128E9	4G5
VGO	129B1	4D0
VG1	129B1	4D0
VG2	129D1	4D0
VG4	129F1	4D0
VG7	129F1	4D0
VG10	129B4	4D0
VG'0	129D4	4B0
VG'1	129D4	4B0
VG'2	129D4	4B0
VG'4	129D4	4B0
VG'7	129D4	4B0
VG'10	129E4	4B0
VGA	129G4	4G7
VGT0	129B6	4G5
VGT1	129C6	4G5
VGT2	129E6	4G5
VGT3	129F6	4G5
VGT4	129B9	4G5
VGT5	129C9	4G5
VGT6	129E9	4G5
VGT7	129F9	4G5
VGT8	130B1	4G5
VGT9	130C1	4G5
VGT10	130E1	4G5
VGT11	130G1	4G5

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
VTC	130B4	4A6
VTK1	13084	4B0
WKC	130E4	4A6
WT	130E4	4G5
X11	130B6	4C2
XAB	113C9	4B0
XAN	130D6	4D0
XBRL	130E6	57C0,112B2
XBT	130E6	4B0
XCE	130F6	57C0,112B2
XCH	130H6	4B0
XCKR	130B9	4B0
XCL	130D9	4B0
XCLC	130E9	4B0
XCP	130F9	4B0
XCR	131C1	4B0
XCS	131D1	4B0
XCW	131E1	4B0
XDL	131F1	4B0
XF	131D4	4B0
XFG	131F4	4B0
XFT	131G4	4G5
XFUT	131B6	4B0
XHG	131C6	4B0
XJC	131C9	4B0
XJG	131E9	4B0
XJS	132B1	4B0
XLC	132E1	4B0
XLF	132F1,G1	112C4
XLG	132C4	4B0
XLH	132E4	4B0
XLO	132F4	4B0
XLR	132C6	4B0
XLS	132E6	4B0
XLV	132C9	4B0
XMB	132D9	4B0
XMRL	132E9	4B0
XN	133C1	4B0
XOB	133D1	4B0
XPG	133E1	4B0
XPT	133G1	4B0
XPTN	133C4	4B0
XRL	133D4	4B0
XRS	133E4	4B0
XRSI	133F4	4B0
XS	133H4	4B0
XSA	131E6	4B0
XSC	133C6	4C0
XSL	133D6	4B0
XSS	121F9	4B0
XT	133G6	4B0
XT5	133B9	4B0
XTB	133E9	4B0
XTBI	134C1	4B0
XTC	134E1	4B0
XTCI	134G1	4B0
XTG	134B4	4B0
XTGI	134D4	4B0
XTRK	134F4	4B0

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
XTRL	134G4	4B0
XTS	134B6	4B0
XTSI	134E6	4B0
XTV	131F6	4B0
XVGA	134F6	4B0
XVGB	131E1	4B0

COMPUTER LINE VERIFICATION ACCESS (CLVA)

DESIG	LOCATION FS	LOCATION CAD
ITR	98C0	
2WT	98E2,119H2	
4DG	98G2	SEE MTC CKT
4WT	98B5,119F2	
BN	99G5	
CIB	5C7	
CK	101G0	130C0
CKG	132C2	
CKGI	101H0	
CSO-29	102F5	SEE MTC CKT
CSGI	102G5	
CU'4,7	113B0	
DCK	103D0	130C0
FLG	117E0	130C0
FNA	105B5	
FN8	105B5	
~~FTO-3~~	106F0	
FTTO-3	106D5	
FUO,1,2,4,7	106B7	
FUTO-3	107D0	
FUT4-7	107E0	
FUT8	107F0	
HO	129B0	
HT	129B0	SEE MTC CKT
H2	129E0	
H4	129G0	
H7	129G0	
HGO,1,2,4,7	108F0	
HGTO	108F2	
HGT1	108G2	
HGT2	108C5	
HGT3	108D5	
HGT4	108F5	
HGT5	108G5	
HGT6	108C7	
HGT7	108D7	
HGT8	108E7	
HGT9	108G7	
HNO-4	109D0	
HN5-9	109G0	
HTUK	109G2	130C0

COMPUTER LINE VERIFICATION ACCESS (CLVA)

DESIG	LOCATION FS	LOCATION CAD
LFK	111B7	130C0
LHM	111F7	
LLI	112A2	SEE MTC CKT
LOLL	112E2	SEE MTC CKT
LTP	1A/C5	
LVP	1E/D3	
MB4,7	113B0	SEE MTC CKT
MC	113C0	SEE MTC CKT
MCO,1	113G2	130C0
MKS	7E7	
MKTO,1	7E7	
MLV	99E1	
MOA	113A2	
MTIK	113F2	
MTRA	11780	
NGK	114D5	
NH	114D5	
NOB	114G5	SEE MTC CKT
NSP	125C7	
ODI	115C2	
OF	132E7	
OFFO-3	126D5	
OFF4	126G5	
OFF5	126C7	
OFF6-9	126F7	
OFTO-2	127C0	
POTS	11780	130C0
PTK	117G0	
RGK		SEE MTC CKT
RI	118D0	
RN4,7	118D7	
RNG	118E7	130C0
RNTO	115C2	130C0
SO	120C2	
S1	120C2	
S2	120C2	
S3	120C2	
S4	120C2	SEE MTC CKT
S5	120C2	
S6	120C2	
S7	120C2	
S8	120C2	
S9	120C2	
SGN	121E2	130C0
SPL	121G2	SEE MTC CKT
STR	3G8	
TO-4	122E0	
T5-9	122C2	SEE MTC CKT
TBI	123F0	

COMPUTER LINE VERIFICATION ACCESS (CLVA)

DESIG	LOCATION FS	LOCATION CAD
TBSO	123B2	130C0
TBS1	123B2	130C0
TBS2	123C2	130C0
TBS3	123C2	130C0
TBTO-4	109E0	130C0
TBT5-9	109B2	130C0
TBUO-4	122F0	130C0
TBU5-9	122D2	130C0
THO	114B2	
TH1	114B2	
TH2	114E2	
TH3	114F2	
TH4	114F2	
TH5	114B5	
TH6	114B5	SEE MTC CKT
TH7	114B5	
TH8	114B5	
TH9	114B5	
TIK	125F0	
TLV	99E1	
TM	6D0	
TNK	125E5	130C0
TPT	107F0	
TR	109F5	
TRA	126G0	SEE MTC CKT
TRK	98C0	
TRL	126C2	
TS	6C8	
TSO,1	11A2	130C0
TSL	127E2	
TVS	8F6	
TVTO,1	8E6	
U0-4	128D0	
U5-9	128E0	SEE MTC CKT
U'0	128F2	
U'1	128B5	
U'2	128B5	
U'4	128B5	
U'7	128B5	
UNO-4	128B2	130C0
UN5-9	128C2	130C0
VFO	128F2	
VF1-4	128B5	
VFTO	128F5	
VFT1	128H5	
VFT2	128C7	
VFT3	128D7	
VFT4	128F7	
VGO	129B0	
VG1	129B0	SEE MTC CKT
VG2	129E0	
VG4	129G0	
VG7	129G0	
VG10	129B2	
VGTO	129B5	
VGT1	129D5	
VGT2	129E5	
VGT3	129G5	
VGT4	129C7	
VGT5	129D7	

COMPUTER LINE VERIFICATION ACCESS (CLVA)

DESIG	LOCATION FS	LOCATION CAD
VGT6	129E7	SEE MTC CKT
VGT7	129G7	
VGT8	130C0	
VGT9	130D0	
VGT10	130F0	
VGT11	130H0	

DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD
2P	123B6	27G0
2TR	98C4	
4DG	98G4	
5DG	98D6	27C0 27C0
AC8	99D1	27G0
BRT	99B9	27C0
BT	99C9	27C0
BTT	99D9	27C0
CGA	100C6	27C0
CGB	100C6	27C0
CHO-4	100F6	27G0
CH5 9	100F6	27G0
CHA	100F9	27G0
CHE	101B1	27G0
CI	1D/D0,D3	28B3,111G5
CK	101F1	27G0
CKG	101G1	27G0
CKG2	101A1	27C0
CN	101H6	27G0
CON	102C4	27C0
CRUO	102D6	27G0
CRU1	102D6	27G0
CRU2	102D6	27G0
CRU4	102D6	27G0
CRU7	102E6	27G0
CSO-29	102F6	27C0
CSG1	102G6	27C0
CSG2	102H6	27C0
CTO	102C9	27G0
CTI	102C9	27G0
CT2	102C9	27G0
CUO	102F9	27C0
CUI	102F9	27C0
CU2	102F9	27C0
CU4	103B1	27C0
CU7	103B1	27C0

DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD
CWF	103C1	27G0
CWK	103E1	~~27G0~~
D	103F1	27C0
DCT	103F4	~~27C0~~
DCTI	103B6	27G0
DIS	103F6	27C0
DISI	103F6	27C0
DTK	104B4	27C0
EF	104C6	27G0
EXB	25F2	27C0
EXG	25F2	27C0
EXT	104G6	27C0
FAK	105C1	27G0
FCG	105F1	27G0
FCK	105H1	27C0
FM	105G4	27G0
FML	105H4	27G0
FSO-2	105B9	27G0
FS3,4	105D9	27G0
FS5-7	105E9	27G0
FS8,9	105F9	27G0
FS10-19	106B1	27G0
FS20,21	106C1	27E0
FS22-29	106D1	27E0
FTO-3	106E1	27G0
FT'0	106B4	27G0
FT'1	106C4	27G0
FT'2	106E4	27G0
FT'3	106G4	27G0
FTC	106G4	27C0
FTCK	106H4	27C0
FTK1	10686	27G0
FTTO-3	106C6	27C0
FTT4	106E6	27E0
FTT5	106F6	27E0
FUO,1,2,4,7	106B9	27G0
FU'0	106E9	27G0
FU'1,2,4	106F9	27G0
FU'7	107B1	27G0
FUTO	107C1	27C0
FUT1	107C1	27C0
FUT2	107C1	27C0
FUT3	107C1	27C0
FUT4	107D1	27C0
FUT5	107E1	27C0
FUT6	107E1	27C0
FUT7	107E1	27C0
FUT8	107G1	27C0
FUT9	107C4	27C0

MASTER TEST FRAME CONNECTOR CKT

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DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD
G	107F4	27C0
GLH	107E6	27G0
GT2	107C9	27G0
GTL	107E9	
HGO,1,2,4,7	108F1	27G0
HGO,1,2,4,7	108B4	27G0
HGK	108D4	27C0
HGTO	108E4	27C0
HGT1	108G4	27C0
HGT2	10886	27C0
HGT3	10806	27C0
HGT4	108E6	27C0
HGT5	108G6	27C0
HGT6	10889	27C0
HGT7	108D9	27C0
HGT8	108E9	27C0
HGT9	10869	27C0
HMSI	109C1	27G0
HTKI	109E4	27G0
HTR	109F4	27C0,G0
JC0-4	109F4	27G0
JC5-9	11084	27G0
JCK	11084	27G0
JG0	110C4	27G0
JG1	110D4	27G0
JG2	110E4	27G0
JG3	110F4	27G0
JG4	110F4	27G0
JSQ0	110H4	27C0
JSQ1	11086	27C0
JSQ2	11086	27C0
JSQ3	11086	27C0
JSQ4	11086	27C0
JSQ5	11086	27C0
JXP1	10181	27G0
JXPA	11086	27G0
KJSQ	110F6	27C0
LCK	110E6	27C0
LDT	11106	27C0
LFK	11189	27G0
LHM	111F9	27C0
LHMT	11169	27C0
LK	112C1	27G0
LK1	112D1	27C0
LK2	112F1	27C0
LK3	112F1	27C0
LL0	124F4	27G0
LL1	12486	27G0
LL2	12406	27G0
LL4	124E6	27G0
LL7	124F6	27G0
LLJ	11284	27C0
LOLL	112E4	27G0
LTR	11206	27G0
LXPA	11206	27G0
LXPI	11289	27G0

DESIG	LOCATION FS	LOCATION CAD
M	112D9	27C0
MAKI	112E9	27C0
MAN	123G4	27G0
MB	11G2	28B3,111G5
MF	113D1	27C0
MG	SEE LLMC CKT	28E3,111G5
MIT	6C5	28E3,111G5
MKA	1D/B0,B2	28E3,111G5
MKB	1D/B1,B2	28E3,111G5
MLF	113F1	27C0
MLFA	113G1	27C0,104C4
MOI	113H1	27C0
MRL	113D4	27C0
MT	11B2	28B3,111G5
MT2K	113H4	27C0
MT3K	113B6	27C0
MT5	113C6	27C0
MT7	113C6	27C0
MT8K	113D6	27C0
MT9K	113D6	27C0
MXT	113C9	27G0
NTH	114F9	27C0
OBS1	125C9	27C0
OBS2	125F6	27C0
OC1	115H1	27C0
P0-4	116B4	27G0
P5-9	116C4	27G0
PA	116D4	27G0
PB	116F4	27G0
PBX	99D4	27G0
PC	11686	27G0
PE	11689	27E0
PNR	116F9	27G0
PR	147C1	27G0
RA	117B4	27C0
RC	117D4	27C0
RCCK	11D5	28B3,111G5
RCY	117E9	4A0,27C0,G0
RF	117G9	27G0
RK	118F1	27G0
RK1	118G1	27G0
RK2	118B4	27G0
RK3	118C4	27G0
ROA	119E1	27G0
RON	12F8	28E3,111G5
RTO	120D1	27C0,104C4
RTI	120D1,E1	27C0,104C4
RT2	120E1	27C0,104C4
RT3	120F1	27C0,104C4
SDT	120B9	27C0
SEF	120E9	27E0,G0
SF	120F9	27G0
SL	121D1	27C0
SNK	121B4	27G0
SOA	121C6	27G0
STP1	121C9	27C0
STP2	121D9	27C0

DESIG	LOCATION FS	LOCATION CAD
TB	122E9	27C0
TBO	122E9	27G0
TBK	123G1	27G0
TBT	123C4	27C0
TC1	123E4	27C0
TCH0-4	123G6	27C0
TCH5-9	123H6	27C0
TCHK	123B9	27C0
TDCT	123E9	27C0
TFO-2	124D1	27G0
TF4	124F1	27G0
TF7	124F1	27G0
TGO,1	124G1	27G0
TG2-4	124B4	27G0
TG5	124C4	27G0
THGT0-4	125B1	27C0
THGT5-9	125C1	27C0
TK	125B4	27G0
TLH	125E4	27C0
TM	125F4	27C0
TRI	126F1	27C0
TRB	13D4	28B3,111G5
TRK	98C1	27C0
TRL	126B4	27C0
TRR	126E4	27C0
TRS	126F4	27C0
TRST	1D/D0,D2	28B3,111G5
TRT	12686	27C0
TSO	126D6	27G0
TS1	126D6	27G0
TS2	126D6	27G0
TS3	126D6	27G0
TS4	126D6	27G0
TS5	126C9	27G0
TS6	126E9	27G0
TS7	126E9	27G0
TS8	126E9	27G0
TS9	126E9	27G0
TSE	127B4	27C0
TSE1	127C4	27C0
TSE2	127D4	27C0
TSK	SEE TLC, TL&C CKT	27C0
TTF	127E6	27E0,G0
TTT	127G6	27C0
TVFT0-4	127C9	27C0
TVGT0-4	127D9	27C0
TVGT5-9	127D9	27C0
TVGT10,11	127E9	27C0
VF0	128F4	27C0
VF1	128B6	27C0
VF2	128B6	27C0
VF3	128B6	27C0
VF4	128B6	27C0
VF'0	128D6	27G0
VF'1	128D6	27G0
VF'2	128D6	27G0
VF'3	128D6	27G0
VF'4	128D6	27G0

DESIG	LOCATION FS	LOCATION CAD
VFT0	128F6	27C0
VFT1	128H6	27C0
VFT2	128B9	27C0
VFT3	128D9	27C0
VFT4	128E9	27C0
VG0	129B1	27G0
VG1	129B1	27G0
VG2	129D1	27G0
VG4	129F1	27G0
VG7	129F1	27G0
VG'0,1,2,4,7	129D4	27G0
VG'10	129E4	27G0
VGA	129G4	27C0
VGT0	129B6	27C0
VGT1	129D6	27C0
VGT2	129E6	27C0
VGT3	129F6	27C0
VGT4	129C9	27C0
VGT5	129D9	27C0
VGT6	129E9	27C0
VGT7	129F9	27C0
VGT8	130B1	27C0
VGT9	130D1	27C0
VGT10	130E1	27C0
VGT11	13CG1	27C0
VTK1	130C4	27G0
WT	130E4	27C0
XBT	130F6	27G0
XCH	130H6	27G0
XCL	130D9	27G0
XCS	131D1	27G0
XCW	131F1	27G0
XF	131D4	27G0
XFG	131F4	27G0
XFT	131G4	27C0
XHG	131C6	27G0
XJC	131D9	27G0
XJG	131E9	27G0
XJS	132C1	27G0
XLC	132E1	27G0
XLG	132C4	27G0
XLH	132E4	27G0
XLR	132C6	27G0
XLS	132E6	27G0
XLV	132C9	27G0
XPG	133F1	27G0
XPTN	133C4	27G0
XSL	13306	27G0
XTC	134D1	27G0
XTC1	134G1	27G0
XTG1	134D4	27G0
XTRK	134F4	27G0
XTRL	134G4	27G0
XTS	134B6	27G0
XTS1	134E6	27G0
XVGA	134F6	27G0
XVGB	131F1	27G0

DIRECT ACCESS PRETRANSLATOR CONNECTOR (DAPC)

DESIG	LOCATION FS	LOCATION CAD
DAC0	114B1	9G3,104E4
DAC1	114B1	9G3,104E4
DAC2	114B4	9G3,104E4
DACA	114E1	9G0,104E4
DACB	114F1	9G0,104E4
NG	11F8	3D3,111G0
NG1	11F8	3D3,111G0

DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)

DESIG	LOCATION FS	LOCATION CAD
4DG	98H4	
A0,1,2,4,7	98A9	
ACD	99E1	
AD	99F1	
B0,1,2,4,7	99C6	
C0,1,2,4,7	100B1	
CP1,7	102G4	
D0,1,2,4	103H1	
D7	103C4	
DNC	103G9	
E0,1,2,4,7	104E4	
F0,1,2,4,7	104B9	
FC	105E1	
G0,1,2,4,7	107G4	
H0,1,2,4	107F9	
H7	108B1	
HTO,1,2,4,7	109C4	
J0,1,2,4,7	109C9	
K0,1,2,4,7	110D6	
LCDO-2	111C6	
LST	111F9	
NOB	114G6	

DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)

DESIG	LOCATION FS	LOCATION CAD
OA0,1,2,4,7	107B6	
OB0,1,2,4,7	108C1	
OBS	115F1	
OC0,1,2,4,7	109D9	
OD	115C4	
OD0,1,2,4,7	110E6	
OE0,1,2,4,7	110D9	
OF0	113F9	
OF1	112D9	
OF2	101C6	
OF4	101C6	
OF7	102E6	
OG0,1,2,4	107H6	
ORC0	114E9	
ORC1	114F6	
ORC2	108D1	
PRLK	108E9	
PRLT	117D1	
ROPT	119G1	
SKO	119B1	
SKI	115G4	
THT0	124C4	
THT1	124C6	
THT2	125C1	
THT3	125C1	
TIO-3	125E1	
TRS	126F4	
TTO,1,2,4,7	127C6	
UT0,1,2,4,7	123E4	
VTC	130B4	
WKC	130D4	

DISTRIBUTOR AND SCANNER OR DISTRUBUTOR AND SCANNER APPLICATION FOR ETS (DAS)

DESIG	LOCATION FS	LOCATION CAD
1TR	98B1	22H4,30D/E7, 55A7,86C5, 121A/A0,124D7
2TR	98B4	22H4,30D/E7, 55A7,86C5, 121A/A0,124D7
A0,1,2,4,7	98A9,B9	22E4,H4, 30D/E7,G7, 55A1,86D7, 121A/B3,124E4
B0,1,2,4,7	99C6	30D/E7,G7, 55A1,86D7, 121A/B3,124E4

DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)

DESIG	LOCATION FS	LOCATION CAD
C0,1,2,4,7	10081	22E3,H4, 30D/E7,G7, 55A1,86D7, 121A/D3,124E4
CD0,1,2,4,7		124D7
D0,1,2,4	103G1,H1	22E4,H4, 30D/E7,G7, 55A1,86D7, 121A/D3,124E4
D7	10384,C4	22E4,H4, 30D/E7,G7, 55A1,86D7, 121A/D3,124E4
E0,1,2,4,7	104E4	22E4,H4, 30D/E7,G7, 55A1,86G5, 121A/D3,124E4
F0,1,2,4,7	104B9	22E4,H4, 30D/E7,G7, 55A1,86G5, 121A/D3,124E4
FG0	105B2	131B0
FG1	105C2	131B0
FG2	105D2	131B0
FT0-3	106F1	22H7,30D/B7, 55H3,86D2, 121A/F3,124D7
FU0,1,2,4,7	106B9,C9	22H4,30D/B7, 55A7,86D2, 121A/F3,124D7
G0,1,2,4,7	107G4	22E4,H4, 30D/E7,G7, 121A/A0,F0, 124E4
H7	108B1	22E4,H4, 30D/E7,55A1, 86G5,121A/A0, F0,124E4
HG0,1,2,4,7	108F1,G1	55A7
KAMA	113G6	
KM	110F6	
MT12	113F6	
RP	107A4,B4	86D2,121A/F3, 124D7
RPT		131B0
SW0,1,2,4,7	108F1	22A4,30D/B7, 55A7,121A/F3, 124D7
TF0-2	124E0	131B0
TF4,7	124F0	131B0
TP	107F1	22H4,30D/E7, 55A7,121A/F3, 124D7

DESIG	LOCATION FS	LOCATION CAD
TPT		22H4,30D/E7 55A7,121A/F3, 124D7
TRIT		55A7
TRP		131B0
TRS	126F4,G4	22C3,30D/D5, 55A7,86A5, 121A/A0,124D7
VF0	128F4,G4	22B4,30D/B7, 55A7,121A/F3, 124D7
VF1-4	128C6	22B4,30D/B7, 55A7,121A/F3, 124D7
VG0,1	129C1	22A4,30D/B7, 55H3,86D2, 121A/F3,124D7
VG2	129E1	22A4,30D/B7, 55H3,86D2, 121A/F3,124D7
VG4,7	129G1	22A4,30D/B7, 55H3,86D2, 121A/F3,124D7
VG10	129C4	22A4,30D/B7, 55H3,86D2, 121A/F3,124D7

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | A56

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LEAD INDEX FOR TABLE 1B

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
1TR	98C0	
2LN	98H0	
2W	98E2	
2WT	119H2	
4DG	98G2	
4W	98B5	
4WT	119F2	
BLDA		130G0
BLT		130G0
BN	99G5	
CIB	5C7	SEE APTT CKT
CK	101F0	130D0
CKG	132C2	
CKG1	101H0	
CKO	101B2	
CSO-29	102F5	
CSG1	102G5	
CU'4,7	113B0	
DCK	103D0	130D0
EN	104D5	130G0
FLG	117D0	130D0
FNA	105B5	
FNB	105B5	
FTO-3	106F0	
FTTO-3	106D5	
FTT4	106E5	
FTT5	106F5	
FU0,1,2,4,7	106B7	
FUTO-3	106D0	
FUT4	107E0	
FUT5-7	107E0	
FUT8	107F0	
FUT9	107C2	
H0,1	129B0	
H2	129E0	
H4,7	129G0	
HG0,1,2,4,7	108F0	
HGT0	108F2	
HGT1	108G2	
HGT2	108C5	
HGT3	108D5	
HGT4	108F5	
HGT5	108G5	
HGT6	108C7	
HGT7	108D7	
HGT8	108E7	
HGT9	10CG7	
HN0-4	109D0	
HN5-9	109G0	
HTUK	109G2	130D0
KM	110G5	130G0
LDN	111F5	
LFK	111C7	130D0
LHM	111E7	
LIN	112B0	130G0
LLI	112A2	
LLP	112C2	
LOLL	112E2	
LTP	1A/C5	
LVP	1E/D3	
MB4	113B0	
MB7	113B0	
MC	113C0	
MCO	113G2	130D0
MCI	113G2	130D0
MKS	7F7	
MKTO	7E7	
MKTI	7E7	
MLV	99E1	
MOA	113A2	
MTIK	113F2	
MTRA	1176o	
NGK	114D5	
NN	114E5,F5	
NOB	114G5	
NSP	125C7	
OD	115C2	
OF	132E7	
OFFO-3	126D5	
OFF4	126G5	
OFF5	126C7	
OFF6-9	126F7	
OFTO	90C7	
OFT1	90C7	
OFT2	90C7	
OSG	115C7	
OSG1	115E7	
OSG2	115E7	
OSG3	115F7	
OSG4	115F7	
OSG5	115G7	
OSG6	116B0	
OSG7	116B0	
OSG8	116B0	
OSG9	116B0	
OSG10	116C0	
OSG11	116C0	
PAN	116F2	
PN	116F7	130G0
POTS	117B0	130D0
PTK	117G0	130G0
PTN	117G0	130G0
RCTI	117F2	
RI	118D0	
RIP	118E0	
RN	118D7	
RN7	118D7	
RNG	118E7	130D0
RNTO	115C2	130D0
RPT	107C2	
RSO	119D5	
RSI	119F5	
RSK	120B0	
SO-9	120E2	
SA	116F2	
SB	118E0	
SON	121E2	130D0
SPL	121G2	
TO-4	122E0	
T5-9	122C2	
TBI	123F0	
TBSO-3	123B2,C2	130D0
TBTO-4	109E0	130D0
TBT5-9	109B2	130D0
TBUO-4	122F0	130D0
TBU5-9	122D2	130D0
TH0	114B2	
TH1	114B2	
TH2	114E2	
TH3	114F2	
TH4	114F2	
TH5	114B5	
TH6	114B5	
TH7	114B5	
TH8	114B5	
TH9	114D5	
TIK	125F0	
TLV	99E1	
TM		SEE APTT CKT
TN	125C5	130G0
TNK	125E5	130D0
TOG	125E7	
TPT	107F0	
TR	109F5	
TRA	126G0	
TRK	98C0	
TRL	126C2	
TSO	11A2	130D0
TSI	11A2	130D0
TSIO-12	127C0	
TSL	127E2	
TSTL	127F2	
TVS	8F6	
TVTO	8E6	
TVTI	8E6	
UO-4	128D0	
U5-9	128E0	
U'0	128F2	
U'1,2,4,7	128B5	
UNO-4	128B2	130D0
UN5-9	128C2	130D0
VFO	128F2	
VFI-4	12885	
VFTO	128F5	
VFTI	128H5	
VFT2	128C7	
VFT3	128D7	
VFT4	128F7	
VGO,1	129B0	
VG2	129E0	
VG4,7	129G0	
VGIO	129B2	
VGTO	129B5	
VGT2	129E5	
VGT3	129G5	
VGT4	129C7	
VGT5	129D7	
VGT6	129E7	
VGT7	129G7	
VGT8	130C0	
VGT9	130D0	
VGT10	130F0	
VFT11	130H0	

FOREIGN AREA TRANSLATOR CONNECTOR (FATC)

FAA	104E9	SEE CM CKT
FAB	104F9	
TFA	124F1	

INCOMING REGISTER (IR)

CNO	102E1	13B0
CN1	102E1	13B0
CN2	102E1	13B0
CN3	102G1	13B0
CN4-9	101C9	
FRO	105D6	
FR1	105E6	
RGO	101C9	9A6
RG1	101C9	9A6
RG2	101C9	10A/F0
RG3	101C9	10A/F0
RG4	101C9	10A/F0
RG5-9	101C9	10A/F0
RG10-14	101C9	13H3
RG15-19	101C9	13H3

INCOMING REGISTER MARKER CONNECTOR (IRMC)

CNO	102E1	13B0
CN1	102E1	13B0
CN2	102E1	13B0
CN3	102G1	13B0
CN4-9	101C9	
CNG	27B3	3E3,F3, 11DD0
FRO	105D6	13B0
FR1	105E6	13B0
FR2		13B0
FRG	27B8	3E3,F3, 11ID0
RGO-9	101C9	101D4
RG10-15	101G9	101B6
RG16-19	102D1	101B9
RGG	28C3	3F3,11IDO
RPO-3	119C4,D4	13B0
RP4	119D4,E4	13B0
RPAB	119F4	13B0
RPB	119G4,H4	13B0
RPSA	119C6	13B0

INCOMING REGISTER MARKER CONNECTOR MARKER PART (IRMC-MP)

RGG	28C3	3F3,11IDO

INCOMING REGISTER MARKER CONNECTOR REGISTER PART (IRMC-RP)

CN4-9	101C9	
RGO-9	101C9	
RG10-15	101G9	
RG16-19	102D1	

INCOMING REGISTER TEST (IRT)

M	112D7	SEE MTC CKT
SRT	104H0	SEE MTC CKT

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

AL	99C2	30H/DO
BT	99C7	30H/DO
BY	99G7	30H/DO
CO	17F0	30H/D3
C1	17F0	30H/D3
CKG	101G0	30H/DO
EF	25F8,104C5	30H/DO
GPA	99H2	30H/DO
GPB	107G5	30H/DO
HF1	108E0	30H/DO
HF2	108E0	30H/DO
JCG	25G5	30H/D3
MKA(-)	1D/A6	30H/D3
MKA2(-)	1D/B0-B2	30H/D3
MKB(-)	1D/B6	30H/D3
MKB2(-)	1D/A0-A2	30H/D3
MTR1	2D9	30H/D3
MTR2	2D9	30H/D3
ON1	2A3	30H/D3
ON2	2A3	30H/D3
OP	1A/G0	30H/DO
OV	116G0	30H/DO
PRA-	1C/C1-C7	30H/D3
PRB-	1C/C1-C7	30H/D3
PRCY	119D5	30H/DO
RA	117B2	30H/DO
RCG	21B0	30H/D3
RCY	117D7	30H/DO
RF	25G8,117G7	30H/DO
RLK	122G5	30H/D3
RR	119D5	
SEF	25C2,120D7	
STP1	121C7	30H/DO
STP2	121E7	30H/DO
TRL	126C2	30H/DO
TVA0	1A/A1,A3	30H/D3
TVA1	1A/A1,A3	30H/D3
TVA2-9	1A/A3	30H/D3
TVB0	1A/A1,A3	30H/D3
TVB1	1A/A1,A3	30H/D3
TVB2-9	1A/A3	30H/D3

JACK, LAMP AND KEY (JLK)

G	23D1	25A/B0
LK	9F5	25A/G525B/E0
MJ	12G6	1B/B4
MN	12H6	1B/B4
RTO-4	120C1	13F7
RTG	28G8	1B/B4
TRB	14G5	30G/E4,123E2
TRB1(-)	13G6,H1, 14C4,D2,D7, E7,F5,F7,G5, G7,H3	1B/F0,3D3, 16B7,17F0, D7,28D3, 30A/A7, 30G/C4,5386, 67G3,G8, 68G0,107A5, 111B0,E5, 123E2,154E2

JACK LAMP AND KEY CKT FOR ACD (JLK-ACD)

RCS	14G7	68D5

LINE INSULATION TEST (LIT)

1TR	98B0	130D2
2WT	119G2	130D2
4DG	98G2	130D2
AO,1,2,4,7	98C7	130D2
BO,1,2,4,7	99C5	130D2
CO,1,2,4,7	100C0	130D2
CIB	5G7	1B/F0,130D2
CKG	132C2	130D2
CU'4,7	113B0	SEE MTC CKT
DO,1,2,4	103G0	130D2
D7	103C2	130D2
DNK	104C0	130D2 30A/B5
EO,1,2,4,7	104F2	130D2
FO,1,2,4,7	104C2	130D2

LINE INSULATION TEST (LIT)

FSO	105C7	SEE MTC CKT
FS1	105C7	
FS2	105C7	
FTO-3	106E0	130D2
FTTO	106D5	SEE MTC CKT
FTT1	106D5	
FTT2	106D5	
FTT3	106D5	
FTT4	106E5	
FTT5	106F5	
FU0,1,2,4,7	106C7	130D2
FUTO-3	107D0	
FUT4-7	107E0	
FUT8	107G0	
FUT9	107B2	SEE MTC CKT
G	15E3	
GO,1,2,4,7	107G2	
GI	15D3	
HO,1	129B0	
H2	129E0	SEE MTC CKT
H4	129G0	
H7	108B0,129G0	130D2
HGO,1,2,4,7	108G0	130D5
HGTO	108F2	
HGT1	108G2	
HGT2	108C5	
HGT3	108D5	
HGT4	108F5	
HGT5	108C5	SEE MTC CKT
HGT6	108C7	
HGT7	108D7	
HGT8	108E7	
HGT9	108G7	
HNO	109E0	130D5
HN1-4	109E0	SEE MTC CKT
HN5-7	109G0	SEE MTC CKT
HN8,9	109G0	130D5
IT	1B/E9	130D5
LA	1B/E9	1B/G7
LAL	1B/E9	
LIT	112C1	30A/B5
MB4	113B0	130D5
MB7	113B0	130D5
MC	113C0	130D5
MKT(-)	7E1	3C3,28D3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01 | A57

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LEAD INDEX FOR TABLE 1B

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
NOB	114H5	130D5
NSP	125D7	130D5
OD	115C2	130D5
OF	132F7	130D5
OFF0-3	126D5	130D5
OFF4	126F5	130D5
OFF5	126C7	130D5
OFF6-9	126F7	130D5
OFT0-2	127C0	130D5
ON	2B1	1B/A4
RN4	118D7	130D5
RN7	118D7	130D5
RNT0	115C2	130D5
RON	2H6	1B/G7
RPT	108C5	130D5
SO-9	120D4	30A/B5
SP	15E3	
SPC	15F3	
SPL	121G2	130D2
STR	3C0	1B/A4
STR1	3C6	1B/D4,G7
STR2	3C5	1B/G7
STRA	3D5	1B/G7
T0-4	122E0	130D5
T5-9	122B2	130D5
TH0	114C2	130D5
TH1	114C2	130D5
TH2	114E2	130D5
TH3	114G2	130D5
TH4	114G2	130D5
TH5	114C5	130D5
TH6	114C5	130D5
TH7	114C5	130D5
TH8	114C5	130D5
TH9	114C5	130D5
TIK	125G0	130D5
TPT		130D5
TR	109G5	130D5
TRC	12C8	1B/A4
TRST	1B/E8	
TS	6A6	130D5
TS0-3	126D5	9C0
TSG	5D1	1B/F7
TSL	127E2	130D5
TVS	8E7	130D5
TVTO,1	8E7	130D5
U0-4	128D0	130D5
U5-9	128F0	130D5
U'0	128G0	132F5
U'1,2,4,7	128C5	132B7
VF0	128G2	130B7
VF1,2,4,7	128C5	130B7

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
VFT0	128F5	SEE MTC CKT
VFT1	128H5	
VFT2	128C7	
VFT3	128D7	
VFT4	128F7	
VG0	129B0	130B7
VG1	129B0	130B7
VG2	129E0	130B7
VG4	129G0	130B7
VG7	129G0	130B7
VG10	129C2	130B7
VGT0	129B5	SEE MTC CKT
VGT1	129D5	
VGT2	129E5	
VGT3	129G5	
VGT4	129C7	
VGT5	129D7	
VGT6	129E7	
VGT7	129G7	SEE MTC CKT
VGT8	130C0	
VGT9	130D0	
VGT10	130F0	
VGT11	130H0	

LINE, LINE LINK AND CONNECTOR (L,LL&C)

CM-	27H8	3F3,111D0
DTM-	27G8	28A3,111H5
TRC	27G8	3F3,28A3, 111D0,H5

LINE LINK CONNECTOR (LLC)

CM-	27H8	3F3,111D0
DTM-	27G8	28A3,111A5
LTA	108B	3B3,111C0
LTM	108B	3B3,111C0
TRC-	27G8	28A3,111D0,H5

LINE LINK MARKER CONNECTOR (LLMC)

2W	98D4	15E0
4W	98A6	15E0
CN0	101D9,102E1	14B0,C0
CN1	101D9,102E1	14B0,C0
CN2	101D9,102E1	14B0,C0
CN3	101D9,102G1	14B0,C0
CN4	101D9	14B0,C0
CN5	101D9	14B0,C0
CN6	101D9	14B0,C0
CN7	101D9	14G4,H3
CN8	101D9	14G4,H3
CN9	101D9	14G4,H3
CN10	101F9	14G0
CN11	101F9	14G0
CN12	101F9	14G0
CN13	101F9	14G0
CN14	101F9	14G0

LINE LINK MARKER CONNECTOR (LLMC)

DESIG	LOCATION FS	LOCATION CAD
CN15	101F9	14G0
CN16	102C1	13B3
CN17	102C1	13B3
CN18	102C1	13B3
CN19	102C1	13B3
CNG	27C3	3F3,28A3, 111D0,H5
FR0	105D6	13B0
FR1	105E6	13B0
FR2	105G6	13B0
FR3	105H6	13A0
FR4	105H6	13A0
FR5	105B9	13A0
FR6	105B9	13A0
FR7	105B9	13A0
FR8	105B9	13A0
FR9	105B9	13A0
FRG	27B8	3F3,28A3, 111D0,H5
MG	28E3	SEE DTM CKT

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
ITR	98C0	
2DT	98F0	
2L	98G0	
2L1	98G0	
2LN	98H0	
2W	98E2	
2WT	119H2	
4DG	98G2	
4NE	118D5	
4TT	118D5	
4W	98B5	
4WT	119F2	
6FT	118F5	
6NT	118F5	
9FP	118B7	
9HP	118B7	
11	98D5	
A0,1,2,4,7	98B7	
B0,1,2,4,7	99D5	
BL7	119E7	
BN	99G5	
BST	99B7	
BT	99C7	
C0,1,2,4,7	100D0	
CIb	5C7	
CKG	132C2	
CKG1	101H0	
CK0	101C2	
CKR	101D2	
CKR1	101E2	
CS0-29	102F5	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
CSG1	102G5	
CSW	102B7	
CU4	113B0	
CU7	113B0	
D0,1,2,4	103H0	
D7	103B2	
DIS	103F5	
DNGA	104A0	
DNGB	104B0	
DNGC	104B0	
E0,1,2,4,7	104F2	
EXT	104F5	
F	104G5	
F0,1,2,4,7	104B7	
FBK	105D0	
FG0	105B2	
FNA	105B5	
FNB	105B5	
FT0-3	106F0	
FTT0-3	106D5	
FU0,1,2,4,7	106B7	
FUT0-3	107D0	
FUT4	107E0	
FUT5-7	107E0	
FUT8	107F0	SEE MTC CKT
FUT9	107C2	
FVD	107E2	
G0,1,2,4,7	107G2	
H0	129B0	
H1	129B0	
H2	129E0	
H4	129G0	
H7	129G0	
HG0,1,2,4,7	108F0	
HGT0	108F2	
HGT1	108G2	
HGT2	108C5	
HGT3	108D5	
HGT4	108F5	
HGT5	108G5	
HGT6	108C7	
HGT7	108D7	
HGT8	108E7	
HGT9	108G7	
HN0-4	109D0	
HN5-9	109G0	
HTR	109G0	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
INC	109D5	SEE MTC CKT
IRS	109F5	
LAN	110D7	
LCK	111E5	
LDN	111F5	
LHM	111F7	
LHMT	111G7	
LLI	112A2	
LLP	112C2	
LLP2	109C5	
LOLL	112E2	
LRR	112F2	
LRS	112G2	
LT	120E5	
LTP	1A/C5	53A1,A6,88G5, 123F2
LVF	112F6	
LVM	112G6	SEE MTC CKT
LVP	1E/D3	2A/C0
MB4,7	113B0	SEE MTC CKT
MC	113C0	SEE MTC CKT
MKS	7F7	2A/A0
MKT0,1	7E7	
MLV	99E1	
MOI	113H0	
MOA	113A2	
MRI	113D2	
MRL	113E2	
MTIK	113F2	
MTRA	11780	
MTRB	113D2	
NDT	114D0	
NGK	114D5	
NH	114D5	
NOB	114G5	
NSP	125C7	
OA	115B0	
OB	115D0	
ODT	115C2	
OF	132E7	SEE MTC CKT
OFF0-3	126D5	
OFF4	126G5	
OFF5	126C7	
OFF6-9	126F7	
OFT0	127C0	
OFT1,2	127C0	
OSG0	115C7	
OSG1	115D7	
OSG2	115D7	
OSG3	115F7	
OSG4	115F7	
OSG5	115G7	
OSG6	116B0	
OSG7	116B0	
OSG8	116B0	
OSG9	116B0	
OSG10	116C0	
OSG11	116C0	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
PAN	116F2	SEE MTC CKT
PCD	116D5	
PCD1	116F5	
PCR	116G5	
POTS	117B0	
PTK	117G0	
RC	117D2	
RCT	117E2	
RCT1	117F2	
RCT2	117G2	
RCT3	117B5	
RCT4	117C5	
RCT5	117D5	
RCT6	117D5	
RCT7	117E5	
RCT8	117F5	
RCT9	117F5	
RCT10	117G5	
RCT11	117H5	
RCT12	117B7	
RCT13	117B7	
RCT14	117C7	
RCT15	117D7	SEE MTC CKT
RI	118D0	
RIP	118E0	
RN4,7	118D7	
RNT0	115C2	
RPT	107C2	
RS0	119E5	
RS1	119F5	
RS9	119E7	
RSK	120B0	
SO-9	120C0	
SA	116F2	
SB	118E0	
SCK	120C5	
SPL	121G2	
STR	3G8	1B/F7
T0-4	122E0	SEE MTC CKT
T5-9	122C2	
TAN	122C5	
TAN1	122E5	
TAN2	122F5	
TAN3	122H5	
TAN4	122C7	
TBI	123F0	
TBS0	123B2	
TBS1	123B2	
TBS2	123C2	
TBS3	123C2	
TBT0-4	109F0	
TBT5-9	109B2	
TBTA	123D2	
TBU0-4	122G0	
TBU5-9	122D2	
TBUA	123D2	
TCA	123H2	
TCB	123C5	
TF0,1,2	124E0	
TF4,7	124F0	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
TH0,1	114B2	SEE MTC CKT
TH2	114E2	
TH3,4	114F2	
TH5-9	114B5	
TIK	125F0	
TLH	125E2	
TLV	99E1	
TM		
TOL	126B0	
TRK		
TP'	126F0	
TPT	107F0	
TR	109F5	
TRA	126G0	
TRL	126C2	
TRR	126E2	
TS	6D8	2A/A0
TS10-12	127C0	
TSL	127E2	
TSTL	127F2	SEE MTC CKT
TT	127G2	
TTC	127D5	
TVS	8F6	53A1,A6,88G5, 123F2
TVT0,1	8F6	
U0-4	128D0	
U5-9	128E0	
U'0	128F2	
U'1,2,4,7	128B5	
VF0	128F2	SEE MTC CKT
VF1-4	128B5	
VFT0	128F5	
VFT1	128H5	
VFT2	128C7	
VFT3	128D7	
VFT4	128F7	
VG0,1	129B0	
VG2	129E0	
VG4,7	129G0	
VG10	129B2	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
VGT0	129B5	SEE MTC CKT
VGT1	129D5	
VGT2	129E5	
VGT3	129G5	
VGT4	129C7	
VGT5	129D7	
VGT6	129E7	
VGT7	129G7	
VGT8	130C0	
VGT9	130D0	
VGT10	130F0	
VGT11	130H0	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE IB

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
ONN	118G2	6D/D3
ISE	118G2	6D/E0
ITB	118G2	6D/E0
ITR	98D0	23G0, 30E/B7, 56E7
2DT	98F0	5F/G7
2L	98G0	6E/E5
2LI	98G0	6E/E5
2LN	98H0	6A/H3
2MB	118B5	6D/E0
2SA	118B5	6D/E0, 23G0, 30E/B7, 56A7
2W	98E2	57C3
2WD	98F2	57C3
2WDI	98F2	57C3
2WT	119H2	15D4, 88D7
3FB	118C5	6D/E0
3NA	118C5	6D/E0
4DG	98G2	6D/E3, 23G0, 88D7, 123D5
4NE	118D5	6D/E0
4TT	118D5	6D/E0
4W	9885	57C3
4WT	119F2	88D7, 95D4
5DG	98D5	6D/E3, 23G0, 88D7, 123D5
5MT	118E5	6D/E0
5ST	118E5	6D/E0
6FT	118F5	6D/E0
6NT	118F5	6D/E0
7RN	118G5	6D/E0
7TP	118G5	6D/E0
8MP	118H5	6D/E0
8SP	118H5	6D/E0
9FP	118B7	6D/E0
9NP	118B7	6D/E0
11	98E5	5H/A3
A0,1,2,4,7	98B7	5G/A0
AC		30E/E3
ACD	99E0	95D6
AD	99F0	95D4, 123D7, 124C0
AG1-6		57B6
AIS	99H0	5F/H3
AL	99C2	6C/D6
ALT	99C2	6E/C0
AMA	112G0	5F/H0
AN		5E/E4
AOS	106F2	95D4
ARO,1,2,4,7		5H/H6
ATT	104G0	6D/D3
AVK1		5H/A3
B0,1,2,4,7	99D5	5G/A0
BLC	99F5	6E/C0
BN	99G5	5F/H0
BR0,1		5H/H6
BR2,4,7		6A/B0
BRL	99H5	57C3
BRT	99A7	57E6
BST	99B7	6B/D3
BT	99C7	5H/A3
BTT	99D7	57E6
BY		6C/D0
C	100A0	23C6
CO,1,2,4,7	100D0	5G/A0
CAM	100F0	6A/H3
CDO,1,2,4,7	100B2	57C3
CDA0,1,2,4	100D2	57B6
CDA7	100E2	57B6
CDA'O,1,2,4,7		57B6
CDN	100H2	6D/D3
CDNK	100A5	6E/C5
CDTO	102C7	95D4, 123B7, 124C0
CDT1	102C7	95D4, 123B7, 124C0
CDT2	102C7	95D4, 123B7, 124C0
CDT4,7	100C5	95D4, 123B7, 124C0
CE	100B5	57E6
CE'		57C3
CGA	100D5	6C/D3
CGB	100D5	6C/D3
CGT		6B/D3
CI1-4		30E/E3
CI(1-4)T	101D0	22H6, 88C5
CIB	5B7	18/D0
CIFAT	101D0	22H6, 88C5
CK	132C0	22H6, 88C5
CKO	101C2	5D/D0, 22H6
CK1		22H6, 30E/G0
CK2,4,7		22H6
CKG	132B2	23G0, 30E/B7, 88C5, 123B2
CKG1	101H0	6E/C0
CKG2	101A2	6E/C0, 27H7
CKR	101D3	
CKR1	101E2	
CL1		5F/H0
CL2		5F/H0
CL3	101G2	5F/H0
CL4		5F/H0
CL5		5F/H0
CL6		5F/H0
CL7		5H/A3
CLS		5H/H6
CM		6C/D3
CM3	101F5	26A/A0,26B/B3
CMA	101F5	7D3, 26A/A0
CMB	101G5	7D3, 23C6, 26A/A0,26B/B3, 30F/D4
CMC	101G5	7D3, 26A/A0, 26B/B3
CNR	102H0	6D/E0
CNS		5H/A3
CNT	102B2	6A/B7
CON	102D2	6B/D3
CPO	102E2	6D/D3
CP1	102F2	6D/D3
CP2	102E2	6D/D3
CP4	102E2	6D/D3
CP7	102F2	6D/D3
CR	102H2	5H/A3
CRO,1,2,4,7		5F/H3
CRRG-2		6D/D3
CRU0,1,2,4	102D5	5F/H3
CRU7	102E5	5F/H3
CSO-29	102F5	6B/C6
CSG1	102G5	6E/C5
CSG2	102H5	6E/C5
CSW	102B7	6A/D7
CTA0	102D7	6E/C7
CTA1	102D7	6E/C7
CTA2	102D7	6E/C7
CTMB	102D7	56A7, 123D7
CTT0	102E7	6E/E5
CTT1	102E7	6E/E5
CTT2	102E7	6E/E5
CTT4	102E7	6E/E5
CTT7	102E7	6E/E5
CU0	102G7	6C/D0
CU1	102G7	6C/D0
CU2	102G7	6C/D0
CU4	103B0	6C/D0
CU7	103B0	6C/D0
CUT0	103C0	6E/C5
CUT1	103C0	6E/C5
CUT2	103C0	6E/C5
CUT4	103C0	6E/C5
CUT7	103C0	6E/C5
CWK	103E0	5D/A0
D	103F0	6C/D0
DD	103H0	5G/A0
D1	103H0	5G/A0
D2	103H0	5G/A0
D4	103H0	5G/A3
D7	103B2	5G/A3
DAC		5H/H6
DCK	103D0	5E/E4
DCT	103G2	6C/D6
DCT1	103C5	
DCT3		6C/D3
DIS	103F5	6E/D3
DIS1	103G5	6C/D6
DIST	103H5	22H6, 30E/E3, 56A0, 88C5, 123B2
DL1-6		5F/H0,H3
DNC	103G7	95D6
DNGA	104A0	57E6
DNGB	104B0	57E6
DNGC	104B0	57E6
DNGD	104B0	57E6
DNK	104C0	30E/E3, 123D5
DS	132E0	23C6, 123B2
DTK	104C2	6B/D3, 22H6, 88C5
DTKI	104C2	22H6, 88C5
DTKA	104D2	23C6
DTN	134E2	23C6
DTW		30E/E3
E0,1,2,4,7	104E2	5G/A3
ECN	104B5	6D/E0
ELL		57C3
ENI	104E5	57C3
ESCK	104F5	57C3
EV	104F5	57E6
EXB		6C/D0
EXG		6C/D0
EXT	104F5	6E/D3
F	104G5	6E/C0
FO,1,2,4,7	104B7	5G/A3
FAA		6C/D3
FAB		6C/D3
FAC	105B0	5F/G7
FAD	125B7	6D/E0
FAK		5E/E4
FBK	105D0	5E/E4
FC	105E0	95D6
FCK	105H0	6B/D3
FGO	105B2	5E/E4
FGI	105C2	5E/E4
FG2	105D2	6A/H3
FGA		57B6
FLCK		6D/E0
FLG		6B/D3
FNA	105B5	6C/D0
FNB	105B5	6C/D0
FSO-4		5E/E4
FS5-19		5E/B7
FTO-3	106F0	5E/D0
FTC	106G2	6E/D3
FTCK	106H2	6C/D6
FTTO-3	106D2	6B/D3
FTT4	106E5	6A/H3
FTT5	106F5	6A/H3
FU0	106B7	5E/D0
FU1,2,4,7	106B7	6B/D3
FUTO-3	107D0	6B/D3
FUT4	107E0	6B/D3
FUT5-7	107E0	6B/D3
FUT8	107F0	6B/D3
FUT9	107B2	6B/D3
FVD	107D2	5H/H6
G	107E2	6E/C0
GO,1,2,4,7	107G2	5G/A3
GC	132B2	56A7, 88C5, 123B2
GIT	107B5	26A/A0,26B/B3
GPA	99H2	6D/E0
GPB	107G5	6D/E0
GR	107G5	26A/A0,26B/B3
GS1-5		6D/D3
HO	107G7, 129B0	5G/A3
H1	107G7, 129B0	5G/A6
H2	107G7, 129E0	5G/A6
H4	107G7, 129G0	5G/A6
H7	108B0, 129G0	5G/A6
HD	108D0	26A/A0,26B/B3
HF	108E0	6C/D3
HFA	125B7	6D/E0
HGO,1,2,4,7	108F0	5E/D0
HGK	108D2	6B/D3
HGTO	108F2	6B/D0
HGT1	108G2	6B/D0
HGT2	108C5	6B/D0
HGT3	108D5	6B/D0
HGT4	108F5	6B/D0
HGT5	108G5	6B/D0
HGT6	108C7	6B/D0
HGT7	108D7	6B/D0
HGT8	108F7	6B/D0
HGT9	108G7	6B/D0
HMA	109A0	57E6
HMS1	109C0	5E/E4
HNO-4	109D0	22H6, 30E/G0, 56A0, 88D7 123D5
HN5-9	109G0	22H6, 30E/G0, 56A0, 88D7, 123D5
HTO,1,2,4,7	109C2	5H/H6
HTR	109G2	6C/D0
ICK	109A5	23C6
INC	109D5	5F/G7
IOD	106D2	95D4
IR	109E5	23C6
IRL	109E5	26B/B3
IRS	109F5	6E/D3
IRY		30E/E3
IT	109G5	57E6
JO,1,2,4,7	109C7	5G/A6
JSQO	110H2	6E/C7
JSQ1	110A5	6E/C7
JSQ2	110A5	6E/C7
JSQ3	110A5	6E/C7
JSQ4	110A5	6E/C7
JSQ5	110A5	6E/C7
KO	110D5	5G/A6
K1	110D5	5G/A6
K2	110D5	5G/A6
K4	110D5	5G/A6
K7	110D5	5G/A6
KJSQ	110E5	6E/C7
KM	110G5	
LO	110H5	5G/A6
L1	110H5	5G/A6
L2	110H5	5G/A6
L4	110H5	5H/A0
L7	110C7	5H/A0
L5D	118C0	6D/D3, 23G0, 30E/B7, 88D7, 123D5
LAN	110D7	
LCDO,1,2	111C5	95D6
LCK	111E5	6B/D3
LCP		30E/E3
LDN	111F5	
LDT		6C/D3
LESI	111H5	57C3
LESK	111H5	57C3
LHM	111F7	6E/C7
LHMT	111G7	6E/C7
LI		6C/D0
LK1	112E0	6C/D3
LK2	112E0	6E/C0
LK3	112F0	6E/C0
LLO	124F2	5B/H2
LLI	124B5	5B/H2
LL2	124D5	5B/H2
LL4	124F5	5B/H2
LL7	124G5	5B/H2
LLEI	112H0	57E6
LLES	112H0	57C3
LLI	112A2	6E/D3
LLJ	112B2	6E/C7
LLP	112C2	
LLP2	109C5	
LOLD		
LOLL	112C2	6A/B7
LOLP	112E2	6E/E5
LR	112F2	5E/E4
LRR	112F2	
LRS	112G2	
LST	111E7	6D/D3, 23G0, 30E/B7, 88D7, 123D5
LT	120F5	5H/H6
LTI	112G2	5H/A3
LT2	112B5	5H/A3
LT3	112C5	5F/H3
LVF	112F6	7D3
LVM	112G6	6E/C5, 7E3
M	112D7	6C/D6
MO,1,2,4	100D2	57C3
M7	100E2, 113E7	5H/A0
M11		7D3
M'O,1,2,4		57C3
MAK1	112E7	6C/D0
MBO	112G7	6D/E0
MB1	112G7	6D/E0
MB2	112G7	6D/F0
MB4	113B0	6D/E0
MB7	113B0	6D/E0
MC	113C0	22H6, 30E/E3, 56A3, 88C5, 123B2
MCS		6C/D6
MDA		123B2
MF	113E0	6C/D0
MKS	7F0	2A/F0
MKTO	7E1	3E3, 28C3
MKT1	7E1	3E3, 28C3
MKT2	7E1	3E3, 28C3
MKT3	7E1	3E3, 28C3
MKT4	7E1	3E3, 28C3, 111E5
MKT5	7E1	3E3, 28C3, 111E5
MKT6	7E1	3E3
MKT7	7E1	3E3
MKT8	7E1	3E3, 111E0
MKT9	7E1	3E3, 111E0
MKT10	7E1	3E3, 111E0
MKT11	7E1	3E3, 111E0
MLF	113G0	6C/D0
MLFA	113G0	27H7, 104B4
MLV	99E1	7E3
MOI	113H0	6E/D3
MOA	113A2	22H6, 30E/E3, 56A7, 88C5
MON		5H/A3
MPP	113C2	5F/G7, G9
MPT	99H0	6C/D6
MRI	113D2	
MRL	113E2	6C/D6
MRST		30E/E3
MT1K	113F2	6E/C0
MT2K	113H2	6E/C0
MT3K	113A5	6E/C7
MT4K	113B5	6C/D3
MT5	113B5	6E/C7
MT7	113C5	6E/C7
MT7K	113G2	
MT8K	113D5	6E/C7
MT9K	113D5	6E/C7
MT10K	113E5	6E/C0
MT12	113E5	6E/D3
MT38K	113F5	6A/B7
MT57	113F5	6A/B7
MTL	7C8	2A/F0
MTP	1F/G6	2A/F0
MTPT	119B4	7D3
MTRA	117B0	
MTRB	113D2	
N7	113F7	57C3
N'7		57E6
NAC		30E/E3
NAMA	114B0	6D/E0
NDK		5F/H0
NDT	114D0	6B/D3
NGK	114C5	5H/A0
NH	114D5	6C/D3
NID	10682	95D4
NMR		6C/D3
NN	114F5	6C/D3
NOB	114G5	6D/D3
NOB'		6D/D3
NOBT	114B7	6E/D3
NSP	125C7	23C3, 95D4, 123B7, 124C0
NT	114E7	6C/D3
NTCW	114E7	117D4
NTH	114E7	6E/C0
NTT	114F7	6C/D6
NTV8	114G7	117D4
OA	115B0	5H/A3
OA0,1,2,4,7	107B5	95D4
OB	115D0	5H/A3
OB0,1,2,4,7	108D0	95D4
OBS	115G0	6D/D3
OBS'		6D/D3
OBSI	125C7	6C/D3
OBS2		6C/D3
OBST	115H0	6E/D3
OCI	115H0	6E/C0, 27H7
OCA0,1,2,4,7	109E7	95D4
OCN	115B2	6D/E0
OD0,1,2,4,7	110E5	95D4
ODD	115D2	57C3
ODT	115C2	95D4, 123B7, 124C0
OE0,1,2,4,7	110D7	95D6
OF	132E7	22H6, 30E/E3, 88D7, 123D5
OF0	113F7	95D6
OF1	112D7	95D6
OF2	101B5	95D6
OF4	101C5	95D6
OF7	102E5	95D6
OFF0-3	126D5	22H6, 30E/G0, 56A0, 88D7, 123D5
OFF4	126G5	22H6, 30E/G0, 56A0, 88D7, 123D5
OFF5	126C7	22H6, 30E/G0, 56A0, 88D7, 123D5
OFF6-9	126F7	23G0, 56A0, 95D4, 123B7, 124C0
OFH		6C/D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1B

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
OFT	105F0	22H6,30E/G0,56A7,88D7 123D5
OFT0,1,2	127C0	23G0,56A3,95D4,123B7,124C0
OG0,1,2,4	107H5	95D6
OG7	107B7	95D6
OP	115E2	57C3
OP1	131G0	22H6,88C5
OR	115G2	6D/E0
ORC0	114E7	
ORC1	114F5	
ORC2	108E0	
OS0	115B5	5F/H0
OS1	115D5	5F/H0
OS2	115E5	5F/H0
OS3	115F4	5F/H0
OS4	115G5	5F/H0
OSC	115H5	6E/D3
OSE		6D/D3
OSG0	115C7	5F/H3
OSG1	115E7	5F/H3
OSG2	115E7	5F/H3
OSG3	115F7	5F/H3
OSG4	115F7	5F/H3
OSG5	115G7	5H/A3
OSG6	116B0	5H/A3
OSG7	116B0	5H/A3
OSG8	116B0	5H/A3
OSG9	116B0	5H/A3
OSG10	116C0	6A/H3
OSG11	116C0	6A/H3
OSK	116D0	6D/D3
OTT	116F0	6B/D3
OV		6C/D0
OVF0	116G0	57C3
OVF1	116H0	57E6
OVK	116H0	6E/C0
P	133E7	23C6,56A3
P1	132D5	23C6
PS		30E/E3
PA	116E2	23C6
PAN	116F2	
PBX	116H2	6E/E5
PBX1	116B5	6D/E0
PCD	116D5	5F/G7
PCD1	116E5	5F/G7
PCK	122D5	26A/AQ26B/B3
PCR	116G5	5F/G7
PD	116H5	5H/A0
PDK	116H5	6E/C5
PHC	116C7	5F/G7
PK	116E7	5H/A0
PLL	116E7	5F/G7
POTS	117B0	
PRCY		6D/D3
PRI	117C0	57C3
PRL	122F5	26A/AQ26B/B3
PRLK	108F7	
PRLT	117D0	95D6
PS	117E0	5H/A0
PSI	117F0	6A/G7
PSG	107E7	5A/G3
PT	131D7	23C6,56A3
PTI	134C0	23C6
PTK		6C/D0
PTP	1C/B8	24B7,25B/D0
PTR	122B7	26A/AQ26B/B3
PTS	9C6	24B7,25B/D4
PTT(-)	9C7	25A/A525B/G4
R1A	110F7	30F/F0,123D7
R1B	111C0	30E/E3,123D7
R1C	111D0	30F/F0,123D7
R1D	111F0	30E/E3
R2A	111G0	30F/F0,123D7
R2B	111C2	30E/E3,123D7
R2C	111D2	30F/F0,123D7
R2D	111F2	30E/E3
R3A	111H2	30F/F0,123D7
R3B	111C5	30E/E3,123D7
R3C	105G2	30F/F0,123D7
RA	117B2	6C/D0
RBT	117C2	6E/D3
RBT1	117C2	6C/D6
RC	117D2	6E/C0
RCK2		6C/D0
RCT	117E7	6E/D3
RCT1	117F2	6C/D6
RCT2	117G2	6C/D6
RCT3	117B5	6C/D6
RCT4	117C5	6C/D6
RCT5	117D5	6C/D6
RCT6	117D5	6C/D6
RCT7	117E5	6C/D6
RCT8	117F5	6C/D6
RCT9	117F5	6C/D6
RCT10	117G5	6C/D6
RCT11	117H5	6C/D6
RCT12	117B7	6C/D6
RCT13	117B7	6C/D6
RCT14	117C7	6C/D6
RCT15	117D7	6C/D6
RCY	117E7	5B/F7,16A2,27H7
RD	132C7	23C6
RD3		30E/G0
RDL	117E7	23C6
RE	117F7	6E/C0
RG	118A0	57E6
RI	118D0	5F/H0
RIP	118E0	6A/H3
RK	121G7	22H6,30E/E3,88C5,123B2
RL	112F2	22H6,30E/G0,56A7
RLA	118E2	22H6,30E/E3,56A3,88C5,123B2
RLK	122G5	26A/A0,26B/B3
RNO	118C7	6D/E0
RN1	118C7	6D/E0
RN2	118C7	6D/E0
RN4	118D7	6D/E0
RN7	118D7	6D/E0
RNK		5H/A3
RNT0	115C2	95D4,123B7,124C0
RNT1	99F0	95D4,123B7,124C0
RNT2O	119C0	
RO	119D0	5F/G7
RO'	119D0	5B/H3
ROI-3		57B6
ROG	119F0	6E/D3
ROH	119F0	6A/G7
ROPT	119G0	95D6
ROT	119G0	5H/A3,57B6
RP	119C2	5H/A3
RPO-4		5F/H3
RPAB		5F/H0
RPB		5F/H0
RPSA		5F/H3
RPT		23G0,30E/B7,56A7
RSO	119D5	6C/D3
RS1	119F5	6C/D3
RS2	119G5	6C/D3
RS3	119B7	6C/D3
RS4	119C7	6C/D3
RS5	119D7	6C/D3
RS6	119D7	6C/D3
RS7	119D7	6C/D3
RS8	119D7	6C/D3
RS9	119D7	6C/D3
RSK	120B0	6C/D6
RT	120C0	57E6
RTO	120D0	6E/C5,27H7,104B4
RT1	120D0	6E/C5,27H7,104B4
RT2	120E0	27H7,104B4
RT3	120F0	27H7,104B4
RTC	120G0	6A/E7
RTK		6E/C5
RVI	120B2	5B/H3
S0-4	120C2	6E/C0
S5-9	120C2	6E/D3
SA	116F2,125G5	23C3,95D4,123B7,124C0
SB	118E0,120E2	6E/D3
SBT	120E2	6E/C0
SC		6D/D3
SCB	120B5	6C/D3
SCK	120C5	5H/A3
SCN	120C5	5H/A3
SCT		5F/H0
SD	122C5	26A/AQ26B/A0
SDG		6C/D3
SDT		57B6
SGA		6E/C0
SIA	121B0	6E/C0
SIB	121B0	6E/C0
SKG	119B0	95D6
SKI	115H2	95D6
SKT	4B7	1B/D0
SL	121C0	6B/D3
SLCK	121D0	
SNC		30E/E3
SON		6D/D3
SP	15C3	3F7
SPC	15C3	3F7
SPL	121G2	5E/E4
SR1		57B6
SR2		57B6
SR3		57B6
SRK		6C/D0
SRT	104H0	6E/D3,7D3
SRTI	121D5	6E/D3
SSA	121F5	6D/D3
SSB	121G5	6D/D3
STP1	121C7	6B/D3
STP2	121E7	6B/D3
T0-4	122E0	22H6,30E/G0,56A0,88D7,123D5
T5-9	122C2	22H6,30E/G0,56A0,88D7,123D5
TAN	122C5	5F/G7
TAN1	122E5	5F/G7
TAN2	122F5	5F/G7
TAN3	122H5	5F/G7
TAN4	122C7	5F/G7
TAN5		6C/D0
TB	122D7	6E/D3
TB6		57C3
TB7		57C3
TB8		6C/D3,57C3
TB9		6C/D3,57C3
TBH		6C/D0
TBI	123F0	5F/H0
TBL	113C7	23C6,123B2
TBS0	123B2	
TBS1	123B2	
TBS2	123C2	
TBS3	123C2	
TBT	123C2	6E/C0
TBT0-4	109F0	5C/H7
TBT5-9	109B2	5C/H7
TBTA	123D2	
TBU0-4	122G0	5C/H7
TBU5-9	122D2	5C/H7
TBUA	123D2	
TBY		30E/E3
TC		5H/A3
TCI	123F2	6C/D0
TCA	123H2	5H/H6
TCB	123C5	5H/H6
TCC	123D5	5H/H6
TCH0-9	123G5	6E/C7
TCHK	123B7	6B/D3
TCKI		6C/D0
TCT	123D7	23C6
TDCT	123E7	6E/D3
TEA		30E/E3
TESI	124B0	57C3
TESK	124C0	57C3
TET	124C0	22H6,88C5
TF0-2	124E0	5E/E4
TF4,7	124F0	5E/E4
TFA	124F0	6C/D3
TGA		57B6
TGR		30E/E3
TH0,1	114B2	22H6,30E/G0,56A3,88D7,123D5
TH2	114E2	22H6,30E/G0,56A3,88D7,123D5
TH3,4	114F2	22H6,30E/G0,56A3,88D7,123D5
TH5-9	114B5	22H6,30E/G0,56A3,88D7,123D5
TH'0		6B/D0
TH'1		6B/D0
THC	124E7	5F/G7
THGT0-4	125B0	6E/C5
THGT5-9	125B0	6E/C5
THT0	124G2	5H/A3
THT1	124C5	5H/A3
THT2	125C0	6A/D7
THT3	125C0	6A/D7
TI	125D1	1B/C0
TIO-3	125E0	95D6
TIC	125E0	22H6,30E/G0,88C5
TIK	125F0	22H6,30E/E3,56A3,88C5,123B2
TKT	125C4	7D3
TLE1	125D2	57E6
TLES	125D2	57C3
TLH	125E2	6B/D3
TLR30,31		
TLT		6A/B7
TLV	99E1	7E3
TM	6A0	1B/D0,6C/D6
TMK	125B2	6C/D6
TMK1	125B5	6C/D6
TNK	125E5	6C/D0
TNO	125D5	22H6,88D7
TOB		6C/D3
TOB1	125B7	6D/E0
TOB2	125B7	6D/E0
TOBS		6C/D3
TOK		57B6
TOL	126B0	5F/G7
TOP	126C0	22H6,30E/E3,56A3,88D7,123D5
TOS0-4	126D0	6E/C0
TP	126E0	5H/A3
TP'	126F0	6B/D3
TPT	107F0	23G0,30E/B7,56A7
TR	109F5	22H6,30E/G0,56A7,88C5,123B2
TRI	126F0	5E/C0
TR2	98D2	6C/D0
TRA	126G0	21B7,22H6,30E/E6,56A7,88C5,123B2
TRB1(-)		25A/G5,30C/G0,53B6,88E5,F5,95D6,124C0
TRF	121B5	6D/D3
TRIT	105F0	89D6
TRK	98D0	6C/D0
TRL	126C2	6C/D0
TRL1	126C2	6E/C0
TRL2	126D2	6C/D6
TRP		56A3
TRR	126E2	6E/C0
TRS	126G2	6C/D0
TRT	126B5	6E/C0
TS	6A8	1B/D0,68B5
TS10-12	127C0	
TSC5		5H/H6
TSE	127B2	6C/D3
TSE1	127C2	6E/D3
TSE2	127C2	6E/D3
TSK	127D2	6E/D3
TSL	127E2	22H6,30E/E3,88D7,123D5
TSM		27H7
TSO	5B1	1B/H4
TST	10E5	5H/A3,21B7
TSTL	127F2	
TT	127G2	5B/H6
TT0,1,2,4,7	127C5	5H/H6
TTC	127D5	6E/C0
TTL	8E8	2A/F0,18B3
TTP	1A/C7	18B3,53B6,88G5,123G2
TTT	127G5	6E/C0
TVFT0-4	127C7	6E/C5,28B0
TVGT0-4	127D7	6E/E5,28B0
TVGT5-9	127D7	6E/E5,28B0
TVGT10,11	127C7	6E/C5,28B0
TVGT12,13	127F7	6E/C5
TVS	8F1	18B3,53B6,88G5,123G2
TVT		6D/D3
TVT0,1	8E1	53B6,88E5
TVT(-)	8E2	17E7,88E5,95D6,123C2,124C0
U0-9	128D0	22H6,30E/G0,56A0,88D7,123D5
U'0	128F2	
U'1	128B5	
U'2	128B5	
U'4	128B5	
U'7	128B5	
UK	128G0	23C6
UKA	128B2	117B4
UT0,1,2,4,7	128D2	6A/B0
VF0	128F2	5E/D0
VF1	128B5	5E/D0
VF2	128B5	5E/D0
VF3	128B5	5E/D0
VF4	128B5	5E/D0
VFT0	128F5	6B/D0
VFT1	128H5	6B/D0
VFT2	128C7	6B/D0
VFT3	128D7	6B/D0
VFT4	128F7	6B/D0
VG0	129B0	5E/D0
VG1	129B0	5E/D0
VG2	129E0	5E/D0
VG4	129G0	5E/E4
VG7	129G0	5E/E4
VG10	129B2	5E/D0
VGA	129G2	6E/C5
VGT0	129B2	6B/D0
VGT1	129D5	6B/D0
VGT2	129E5	6B/D0
VGT3	129G5	6B/D0
VGT4	129C7	6B/D0
VGT5	129D7	6B/D0
VGT6	129E7	6B/D0
VGT7	129G7	6B/D0
VGT8	130C0	6B/D0
VGT9	130D0	6B/D0
VGT10	130E0	6B/D0
VGT11	130H0	6B/D0
VGT12		6B/D0
VGT13		6B/D0
VTC	130B2	95D6
WKC	130E2	95D6
WT		6C/D3
XII	130B5	5H/A3
XAN		5E/E4
XBRL		57C3
XCE		57C3
XFT	131H2	6B/D0
XST		57B6
XT	133G5	73C6
MASTER TIMING (MT)		
3AM	130H1	30G/C7,120D3
3ANT	130F1	18D6,120D3
A	129D9	20B/C4,87F7,G4
ASP	133E4	20B/C4,87F7,G4
B	129F9	20B/C4,87F7,G4
BSP	133F1	20B/C4,87F7,G4
CI	1B/C6,C8	16C7,30G/F4,87C4,120D3
CO	1B/B9	16C7,87C4
D	130B1	20B/C4,87F7,G4
DA	133F4	20B/C4,87F7,G4
DCT	113E4	18D6
DTO,1,2,4,7	104A4	13D7,88C3,120D3
DUO,1,2,4,7	104D4	13D7,88C3,120D3
E	130C1	20B/C4,87F7,G4
EMG		21B0
EOL	133C6	18D6,120D3
ET	133B6	20B/C4,87A4,G4
HDK	133G1	18D6,120D3
HR	131H4	20B/C4,87F7,G4
HTO,1,2,4,7	109D4	13D7,88C3,120D3
HUO,1,2,4,7	109H4	13D7,88C3,120D3
ME	129E9	18D6,120D3
MET	99C9	18D6,120D3
MG	109F4	20B/C4,87F7,G4
MO	118D4	20B/C4,87F7,G4
MTO,1,2,4,7	113F4	13D7,88C3,120D3
MTFT	133B6	18D6,120D3
MTTR	129G9	18D6,120D3
MUO,1,2,4,7	113G6	13D7,88C3,120D3
NS	113E4	20B/C4,87F7,G4
OOL	134C6	18D6,120D3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1B

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
PCN	1B/B7	16D7,87C7
RCCK	11E5	16C7,87C4
RL	133F4	18D7,12D03
RLI	133G4	18D7,12D03
RL2	131G4	18D7,12D03
	133G4	
RN	125C4	20B/C4,87A4, G4
RST0	1018 9	21C0,87C7
RST1	1018 9	21B0,87C4
RST2	1018 9	21C0,87C7
RST3	1018 9	21B0,87C4
RST4	1018 9	21C0,87C7
RST5	1018 9	21B0,87C4
RST6	1018 9	21C0,87C7
RST7	1018 9	21B0,87C4
RST8	1018 9	21C0,87C7
RST9	1018 9	21B0,87C4
RST10	101E9	20B/87,87C7, 96E0
RST11	101E9	20B/87,87C4, 96E0
RST12	101E9	20B/87,87C7 96E0
RST13	101E9	20B/87,87C4, 96E0
RST14	101E9	20B/87,87C7, 96E0
RST15	101E9	20B/87,87C4, 96E0
RST16	102B1	20B/87,87C7, 96E0
RST17	102B1	20B/87,87C4, 96E0
RST18	102B1	20B/87,87C7, 96E0
RST19	102B1	20B/87,87C4, 96E0
RST20	120F6	67B0
RST21	127H4	67A0
RST22	98F1	67B0
RST23	107E4	67A0
RST24	130C6	67B0
RST25	98E6	67A0
RST26	115B1	67B0
RST27	115D1	67A0
RST28	116D9	67B0
RST29	124E9	67A0
RST-EMG	105C6	87C4
RTIE(EVEN)	19B1	16B7,87C7
RTIO(ODD)	19E1	16A7,87C4
RT3E(EVEN)	19B2	16B7,87C7
RT3E(ODD)	19E2	16A7,87C4
RT3O(EVEN)	19B2	16B7,87C7
RT3O(ODD)	19E2	16A7,87C4
RTRS	130D1	18D6,12D03
RTST	132F1	18D6,12D03
SC	126B4	20B/C4,87F7, G4
SKP	112E6	20B/C4,87F7, G4
SP	130E1	20B/C4,87F7, G4
SPA	10981	20B/C4,87F7, G4

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
STR	3A0	30G/F4,12D03
SY	99C9	20B/C4,87F7, G4
TEN	132F1	20B/C4,87G4
TPR	1B/B8	16D7,87C7
TRB(EVEN)	14A5	16D7,87C7
TRB(ODD)	14C5	16C7,87C4
TRB (MAG AMA)	14E5	30G/F4,12D03
TRL	126C4	18D6,12D03
TRST(EVEN)	1B/B7	16D7,87C7
TRST(ODD)	1B/B6	16C7,87C4
TRST (MAG AMA)	1B/C5	30G/F4,12D03
TST	130C1	18D6,12D03
XPL	107E6	20B/C4,87A4, G4

MINI-ROTL INTERFACE (MROTL)

DESIG	LOCATION FS	LOCATION CAD
ATKT	99G4	
ROTL	11984	

NUMBER GROUP AND CONNECTOR (NG&C)

DESIG	LOCATION FS	LOCATION CAD
NG	11E8	3D3
NG1	11H8	3D3
NGC0	11484	
NGC1	11484	
NGC2	11404	
NGC3	114F4	
NGC4	114F4	
NGC5	114A6	
NGC6	114A6	
NGC7	114A6	
NGC8	114A6	
NGC9	114A6	
NGCT0	114D1	
NGCT1	114E1	
NGCT2	114F1	
NGCT3	114G1	
OA	115C1	
OB	115E1	

NUMBER GROUP CONNECTOR (NGC)

DESIG	LOCATION FS	LOCATION CAD
NG	11E8	
NG1	11H8	
NGC0	11484	9H3
NGC1	11484	9H3
NGC2	11404	9H3
NGC3	114F4	9H3
NGC4	114F4	9H3
NGC5	114A6	9H3
NGC6	114A6	9H3
NGC7	114A6	9H3
NGC8	114A6	9H3
NGC9	114A6	9H3
NGCT0	114D1	95A1
NGCT1	114E1	95A1
NGCT2	114F1	95A1
NGCT3	114G1	95A1
OA	115C1	9H0
OB	115E1	9H0

ORIGINATING REGISTER (OR)

DESIG	LOCATION FS	LOCATION CAD
CN0	102E1	
CN1	102E1	
CN2	102E1	
CN3	102G1	
CN4-9	101C9	
FR0	105D6	
FR1	105E6	
FR2	105G6	
MF	113E0	
RG0	101C9	9A6
RG1	101C9	9A6
RG2	101C9	10A/F0
RG3	101C9	10A/F0
RG4	101C9	10A/F0
RG5	101C9	10A/F0
RG6	101C9	10A/F0
RG7	101C9	10A/F0
RG8	101C9	10A/F0
RG9	101C9	10A/F0
RG10	101G9	13B3
RG11	101G9	13B3
RG12	101G9	13B3
RG13	101G9	13B3
RG14	101G9	13B3
RG15	102D1	13B3
RG16	102D1	13B3
RG17	102D1	13B3
RG18	102D1	13B3
RG19	102D1	13B3

ORIGINATING REGISTER MARKER CONNECTOR (ORMC)

DESIG	LOCATION FS	LOCATION CAD
CN0	102E1	13B0
CN1	102E1	13B0
CN2	102E1	13B0
CN3	102G1	13B0
CN4-9	101C9	
CNG	27B3	3F3,111D0
FR0	105D6	
FR1	105E6	
FR2	105G6	
FRG	27A8	3F3,111D0
RG0	101C9	
RG1	101C9	
RG2	101C9	
RG3	101C9	
RG4	101C9	
RG5	101C9	
RG6	101C9	
RG7	101C9	
RG8	101C9	
RG9	101C9	
RG10	101G9	
RG11	101G9	
RG12	101G9	
RG13	101G9	
RG14	101G9	
RG15	102D1	
RG16	102D1	
RG17	102D1	
RG18	102D1	
RG19	102D1	
RGG	28B3	3F3,111D0

ORIGINATING REGISTER MARKER CONNECTOR - MARKER PART (ORMC-MP)

DESIG	LOCATION FS	LOCATION CAD
CN0	102E1	102E1
CN1	102E1	102E1
CN2	102E1	102E1
CN3	102G1	102C4
CNG	27B3	3F3,111D0
FR0	105D6	107A4
FR1	105E6	107E4
FR2	105G6	107B6
FR3	105H6	
FRG	27A8	3F3,111D0
RGG	28B3	3F3,111D0

ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART (ORMC-RP)

DESIG	LOCATION FS	LOCATION CAD
CN4-9	101C9	
RG0	101C9	
RG1	101C9	
RG2	101C9	
RG3	101C9	
RG4	101C9	
RG5	101C9	
RG6	101C9	
RG7	101C9	
RG8	101C9	
RG9	101C9	
RG10	101G9	
RG11	101G9	
RG12	101G9	
RG13	101G9	
RG14	101G9	
RG15	102D1	
RG16	102D1	
RG17	102D1	
RG18	102D1	
RG19	102D1	

OUTGOING SENDER (OS)

DESIG	LOCATION FS	LOCATION CAD	
CN0	102D1		
CN1	102D1		
S0	120C4	90D0	
S1	120C4	90D0	
S2	120C4	90D0	
S3	120C4	90D0	
S4	120C4	90D0	
S5	120C4	90D0	
S6	120C4	90D0	
S7	120C4	90D0	
S8	120C4	90D0	
S9	120C4	90D0	

OUTGOING SENDER CONNECTOR (OSC)

DESIG	LOCATION FS	LOCATION CAD	
CN0	102D1		
CN1	102D1		
CN2	102E1		
CNG	27E3		
FR0	105C6		
FR1	105F6		
FR2	105F6		
FR3	105H6		
FRG	27D8		
S0-4	120C4		
S5-9	120C4		
SG	28G3	3E3,111C0	
SRT	121D6	4B7,111C0	

OUTGOING SENDER CONNECTOR-MARKER PART (OSC-MP)

DESIG	LOCATION FS	LOCATION CAD
CN0	102D1	
CN1	102D1	
CN2	102F1	
CN3	102F1	
CNG	27E3	
FR0	105C6	
FR1	105F6	
FR2	105F6	
FR3	105H6	
FR4	105A9	
FRG	27D8	
SG	28G3	
SRT	121D6	

OUTGOING SENDER CONNECTOR-SENDER PART (OSC-SP)

DESIG	LOCATION FS	LOCATION CAD
S0	120C4	
S1	120C4	
S2	120C4	
S3	120C4	
S4	120C4	
S5	120C4	
S6	120C4	
S7	120C4	
S8	120C4	
S9	120C4	

PBX ALLOTTER (PBXA)

DESIG	LOCATION FS	LOCATION CAD
AN	99D4	SEE MTC CKT

PRETRANSLATOR (REGULAR) (PRT)

DESIG	LOCATION FS	LOCATION CAD
11	98E6	SEE MTC CKT
A0,1,2,4,7	98C9	25B/D7,25C/E0
B0,1,2,4,7	99D6	25B/D7,25C/E0
C0,1,2,4,7	100C1	25B/D7,25C/E0
CM3	101E6	25B/D7,25C/E0
CMA	101F6	25B/D7,25C/E0
CMB	101G6	25B/D7,25C/E0
CMC	101G6	25B/D7
CMK	125E9	25C/E0
GI	107B6	25B/D7,25C/E0
GR	107G6	25B/D7,25C/E0
HD	108D1	25B/D7,25C/E0
LK	9F7	25A/H5,25B/D7, 25C/E3
LK1	101G6	25C/E0

PRETRANSLATOR (REGULATOR) (PRT)

DESIG	LOCATION FS	LOCATION CAD
LK1	101G6	25C/E0
LT	120E6	SEE MTC CKT
MB	9G7	25B/D7,25C/G3
PCK	122D6	25B/D7,25C/E0
PRG	9G7	25A/G5,25B/D7, 25C/G3
PRL	122E6	25B/D7,25C/E0
PTP	1C/A0-A7	25A/F5,25B/D7
PTR	122B9	25B/D7
RCCK	11G5	25A/H5,25B/D7 25C/G3
RLK	122G6	25B/D7
SD	122C6	25B/D7,25C/E0
TM	6D5	25B/D7,25C/G3
TOK	125E9	25B/D7
TR	122B9	25C/E0
TR1	109E6	25C/E0
TR2	98B4	25B/D7,25C/E0
TRB	14F3	25A/H5,25B/D7, 25C/G3
TRK	98C1	26A/G7,25B/D7, 25C/E0
TRS	126F4	25B/D7,25C/E0
TRST	1C/A0-A6	24E7,25B/D7, 25C/G3
XX	122C9	25B/D7,25C/E0, 26A/G7

PRETRANSLATOR CONNECTOR (PRTC)

DESIG	LOCATION FS	LOCATION CAD
RG5	101A9	25A/F0
RG6	101A9	25A/F0
RG7	101A9	25A/F0
RG8	101A9	25A/F0
RG9	101A9	25A/F0
RG10	101E9	25A/F0
RG11	101E9	25A/F0
RG12	101E9	25A/F0
RG13	101E9	25A/F0
RG14	101E9	25A/F0
RG15	101E9	25A/F0
RG16	102A1	25A/F0
RG17	102A1	25A/F0
RG18	102A1	25A/F0
RG19	102A1	25A/F0

PRETRANSLATOR CONNECTOR-ORGINATING REGISTER PART (PRTC ORP)

DESIG	LOCATION FS	LOCATION CAD
RG0	101A9	
RG1	101A9	
RG2	101A9	
RG3	101A9	
RG4	101A9	
RG5	101A9	
RG6	101A9	
RG7	101A9	
RG8	101A9	
RG9	101A9	
RG10	101E9	
RG11	101E9	
RG12	101E9	
RG13	101E9	
RG14	101E9	
RG15	101E9	
RG16	102A1	
RG17	102A1	
RG18	102A1	
RG19	102A1	
RG20	11881	
RG21	11881	
RG22	11881	
RG23	11881	

PRETRANSLATOR CONNECTOR (PRTC)

DESIG	LOCATION FS	LOCATION CAD
CN0	102E1	
CN1	102E1	
CN2	102E1	
CNG	27F3	25B/F4
FR0	105D6	
FR1	106E6	
FR2	105G6	13B0
FRG	27E8	25B/F4
RG0	101A9	25A/F0
RG1	101A9	25A/F0
RG2	101A9	25A/F0
RG3	101A9	25A/F0
RG4	101A9	25A/F0

RGG	28D3	25B/F4
RGG1	23D3	25A/B0,D2

MASTER TEST FRAME CONNECTOR CKT

BELL LABORATORIES	SD-25805-01-	DWG SIZE 6S	ISSUE 99A
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PROGRAM CONTROLLED TRANSVERTER (PCTV)

DESIG	LOCATION FS	LOCATION CAD
CI	1A/C0,C5	17F7,53D6, G6,83G0, 121A/B5, 124H4
MB	9F3,H3	17F7,52E6, G6,86G0, 121A/B5, 124H4
MBI	9H3	53E6,G6
MC	113C1	22G3,30D/F5, 55G7,86E5, 121A/D0, 124H7
RL	112F4	22C3,30D/C5, 55G7,86E5, 121A/ED,124H7
TM	6E5,F5	17E7,54E7, G7,86F0, 121A/D5, 124H4
TR	109F6,G6	22D3,30D/D5, 55G7,86B5, 121A/C0, 124H7
TRST	1A/C0,C5	17F7,53D6, 66,86G0, 121A/B5, 124H4
TVA	1A/B1,B4	17F7,53D6, G6,86G0, 121A/B5, 124H4
TVB	1A/A1,B4	17F7,53D6, G6,86G0, 121A/B5, 124H4
TVT	11C2	17F7,54E7, G7,86G0, 121A/B5, 124H4
TVTA	8F5	17F7,53E6, G6,86G0, 121A/B5, 124H4

PROGRAM CONTROLLED TRANSVERTER (CAMA) (PCTVC)

DESIG	LOCATION FS	LOCATION CAD
RLA	118F4	
TRA	126G1	

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
ACTA	124F6	122D0
ACTB	124G6	122D0
BAR	99F6	122D0
BL0	119D9	122D0
BL1	119D9	122D0
BL2	119D9	122D0
BL4	119D9	122D0
BL7	119E9	122D0
BR0	113D1	122D0
BR1	101E6	122D0
BR2	114E6	122D0
BR4	121C9	122D0
BR7	121E9	122D0
CHO	114G1	122D0
CH1	127G1	122D0
CH2	112C4	122D0
CIS	101E0	122D0
CISC	101F0	122D0
CKL0	100D4	122D0
CKL1	100D4	122D0
CKL2	100D4	122D0
CKL4	100D4	122D0
CKL7	100E4	122D0
CKLS	123E6	122D0
CKR0	100F4	122D0
CKR1	100F4	122D0
CKR2	100F4	122D0
CKR4	100F4	122D0
CKR7	100G4	122D0
CKRS	123E6	122D0
CL0	116B4	122D3
CL1	116B4	122D3
CL2	116B4	122D3
CL4	116B4	122D3
CL7	116B4	122D3
CPTO	110G6	122D3
CR0	116C4	122D3
CR1	116C4	122D3
CR2	116C4	122D3
CR4	116C4	122D3
CR7	116C4	122D3
CRT	116D4	122D3
CTBL	119F6	122D3
DC	124G4	122D3
DCC	124B6	122D3
DCKF	100E9	122D3
DL0	103A9	104C4
DL1	103B7,114B9	116E6
DL2	101D6,103B7	101D1
DL3	103B7	
DL4	101D6	101E1
DL7	101D6	101E1
DR0	123C9	101D1
DR1	116F1	119B1
DR2	127F6	131E6
DR4	114C1	116A1
DR7	111C4	116B1
ECT	119B9	122D3
EOR	100C9	122D3
ERTO	104E6	122D3
ETM	116G4	122D3
ETMO	104F6	122D3
EXI	114F1	122D3
EX2	114G1	122D3
GO	100G6	122D3
HDA	110D1	122D5
HDB	110F1	122D5

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
LCPT	119G6	122D5
MTRA	117B1	122D5
MTRB	113D4	122D5
ON	110G1	122D5
OSG0	115C7	SEE MTC CKT
OSG1	115D7	
OSG2	115D7	
OSG3	115E7	
OSG4	115E7	
PKA	110E1	122D5
PKB	110F1	122D5
PSR	100D9	122D5
RA1	110F9	122D5
RA2	111G1	122D5
RA3	111G4	122D5
RA4	120F9	122D5
RA5	104C6	122D5
RB1	111B1	122D5
RB2	111B4	122D5
RB3	111B6	122D5
RB4	117C1	122D5
RC1	111D1	122D5
RC2	111D4	122D5
RC3	105F4	122D5
RC4	127D6	122D5
RD1	111E1	122D5
RD2	111E4	122D5
RD3	111D9	122D5
RD4	117G9	122D5
RL1	110G4	122D5
RL2	110G4	122D5
RLK	110F4	122D8
RS1	100B9	122D8
RS2	100C9	122D8
SA	116F4	122D8
SB	118E1	122D8
SC	120H4	122D8
SD	120D6	122D8
SM	100G6	122D8
SP	116C6	122D8
STR	3A1	122D8
SW	110D4	122D8
SWI	110E4	122D8
TRA	110B1	122D8
TRA2	110C1	122D8
TRB	14H5	122D8
TRB1	14H5	122D8
TRE	109F9	122D8
TRSA	109G9	122D8
TRSB	110B1	122D8

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
TRST	1B/C5	122D8
TRSTI	1B/C5	122D8
TST	114E1	122D8
TSTI	124E0	122D8
WCK	100B9	122D8
WSF	119E6	122D8
WSM	100H6	122D8
WTL	116B9	122D8

REGISTER PRIORITY LINK (RPL)

DESIG	LOCATION FS	LOCATION CAD
EV	104F6	SEE CM CKT
HMA	109A1	
ODD	115D4	
OVFO	116G1	
OVF1	116H1	

REMOTE OFFICE TEST CONTROL (ROTC)

DESIG	LOCATION FS	LOCATION CAD
FG0	105B2	115B7
FG1	105C2	115B7
FG2	105E2	115B7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
ITR	98C0	SEE MTC CKT
2DT	98F0	115D5
2W	98E2	115D5
11	98E5	115D5
AC,1,2,4,7	98B7	115D0
AL	99C2	115D0
AMA	112G0	115D0
AMKS	7G9	115C7
ATKT	99G4	115D0
B0,1,2,4,7	99D5	115D0
BT	99C7	115D0
CO,1,2,4,7	100D0	115D0
CGA	100D5	115D0
CGB	100D5	115D0
CIB	5F7	115D0
CKG1	101H0	115D0
CL3	101G2	115D0
CL5	101H2	115D0
CRU0	102D5	115D0
CRU1	102D5	115D0
CRU2	102D5	115D0
CRU4	102D5	115D0
CRU7	102E5	115D0
CSG1	102G5	115D0
CSG2	102H5	115D0

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
CTA0	102D7	115D0
CTA1	102D7	115D0
CTA2	102D7	115D0
CU0	102G7	115D0
CU1	102G7	115D0
CU2	102G7	115D0
CU4	103B0	115D0
CU7	103B0	115D0
D0,1,2,4	103H0	115D0
D7	103B2	115D0
DCT	103G2	115D0
DIS	103F5	115D0
DISI	103G5	115D0
DNGC	104B0	115C7
DNGD	104B0	115C7
E0,1,2,4,7	104E2	115D0
F0,1,2,4,7	104B7	115D0
FCK	105H0	115D3
FTO-3	106F0	115D3
FTC	106G2	115D3
FTCK	106H2	115D3
FUO 1,2,4,7	106B7	115D3
FVD	107D2	115D3
G0,1,2,4,7	107G2	115D3
GPA	99H2	115D3
GPB	107G5	115C7
H0	129B0	SEE MTC CKT
H1	129B0	
H2	129E0	
H4	129G0	
H7	108B0,129G0	SEE MTC CKT, 115D3
HG0,1,2,4,7	108F0	115D3
LHM	111F7	115D3
LHMT	111G7	115D3
LK2	112E0	115D3
LK3	112F0	115D3
LT	120F5	115D3
LTI	112H2	115D3
LT2	112B5	115D3
LT3	112C5	115D3
MKT0,1	7E9	3E3,115D3
MOI	113H0	115D3
MRL	113E2	115D3
MT1K	113F2	115D3
MT2K	113H2	115D3
MT5	113B5	115D3
MT7K	113G2	115C7
MT8K	113D5	115D3
MT9K	113D5	115D3
MT10K	113E5	115D3
MT12	113E5	115D3
MT57	113F5	115D5

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
MOB	114G5	115D5
OR	115G2	115D5
OSC	115H5	115C7
PK	116E7	115D5
RA	117B2	115C7
RBT	117C2	115D5
RBTI	117C2	115D5
RCT	117E2	115D5
RCTIO	117G5	
ROG	119F0	115D5
ROTL	119B4	115C7
RP	119C2	115D5
RTP	1E/D7	
SB	120E2	115D5
SCK	120C5	115D5
TB	122D7	115D5
TDCT	123E7	115D5
TFO	124E0	SEE MTC CKT
TF1	124E0	
TF2	124E0	
TF4	124F0	
TF7	124F0	
TI	6F0,125D1	115D5
TM	6E0	115D5
TR2	98D2	115D5
TRK	98C0	115D5
TRL	126C2	115D5
TRL1	126C2	115D5
TRL2	126D2	115D5
TS	6H8	115C7
TSE1	127C2	115D5
TSE2	127C2	115D5
TST	10F5	SEE MTC CKT
U'0,1,2,4,7	128F2	SEE MTC CKT
VFO	128F2	115D5
VG0	129B0	115D5
VG1	129B0	115D5
VG2	129E0	115D5
VG4	129G0	115D5
VG7	129G0	115D5
VG10	129B2	115D5
X11	130B5	115D5

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
ITR	98C0	SEE MTC CKT
2DT	98F0	116D2
2W	98E2	116D2
4W	98B5	116D2
AO,1,2,4,7	98B7	116D0
AL	99C2	116D0
ALT	99C2	116D8
AMA	112G0	116D0
ATKT	99G4	116D0
B0,1,2,4,7	99D5	116D0
BT	99C7	116D0
BY	99G7	116D8
CO,1,2,4,7	100D0	116D0
CGA	100D5	116D0
CGB	100D5	116D0
CIB	5F7	116D0
CKG1	101H0	116D0
CKR	101D2	116D8
CKR1	101E2	116D8
CL3	101G2	116D0
CL5	101H2	116D0
CRU0,1,2,4	102D5	116D0
CSG1	102G5	116D0
CSG2	102H5	116D0
CSW	102B7	116D0
CTA0,1,2	102D7	116D0
CTT0,1,2,4,7	102E7	
CU0,1,2	102G7	116D0
CU4,7	103B0	116D0
CUT0,1,2,4,7	103C0	
D0,1,2,4	103H0	116D0
D7	103B2	116D0
DATK	103E2	
DCT	103G2	116D0
DIS	103F5	116D0
DISI	103G5	116D0
DLTK	103F7	
DNGC	104B0	116D6
DNGD	104B0	116D6
E0,1,2,4,7	104E2	116D0
ECN	104B5	116D8
F	104G5	116D8
F0,1,2,4,7	104B7	116D0
FAC	105B0	116D6
FCK	105H0	116D2

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
FG0	105B2	116D6
FG1	105C2	116D6
FG2	105D2	116D8
FTO-3	106F0	116D2
FTC	106G2	116D2
FTCK	106H2	116D2
FU0,1,2,4,7	106B7	116D2
FVD	107D2	SEE MTC CKT
G0,1,2,4,7	107G2	116D2
GPA	99H2	116D2
GPB	107G5	116D6
H0	107G7,129B0	116D8
H1	107G7,129B0	116D8
H2	107G7,129E0	116D8
H4	107G7,129G0	116D8
H7	10B80,129G0	116D8
HG0,1,2,4,7	108F0	116D2
HMS1	109C0	
HTO,1,2,4,7	109C2	116D6
INC	109D5	116D8
J0	109C7	116D6
J1	109C7	116D6
J2	109C7	116D6
J4	109C7	116D6
J7	109C7	116D6
K0	110D5	116D6
K1	110D5	116D6
K2	110D5	116D6
K4	110D5	116D6
K7	110D5	116D6
L7	110C7	116D6
LHM	111F7	116D2
LHMT	111G7	116D2
LK2	112E0	116D2
LK3	112F0	116D2
LT	120F5	116D2
LT1	112H2	116D2
LT2	112B5	116D2
LT3	112C5	116D2
MAK1	112E7	116D2
MKT0	7E9	3E3,116D2
MKT1	7E9	3E3,116D2
MOI	113H0	116D2
MRL	113E2	116D2

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
MT1K	113F2	116D2
MT2K	113H2	116D2
MT5	113B5	116D2
MT7K	113G2	116D6
MT8K	113D5	116D2
MT9K	113D5	116D2
MT10K	113E5	116D2
MT12	113E5	116D2
MT[illegible]7	113F5	116D4
NDT	114D0	
NOR	114G5	116D4
OA	115B0	116D8
OB	115D0	116D8
OR	115G2	116D2
OSC	115H5	116D6
OTT	116F0	
OV	116G0	116D0
PCD	116D5	SEE MTC CKT
PCD1	116E5	116D8
PCR	116G5	SEE MTC CKT
PK	116E7	116D2
RA	117B2	116D6
RBT	117C2	116D4
RBT1	117C2	
RC	117D2	116D8
RCT	117E2	116D2
RCT10	117G5	116D8
ROG	119F0	116D2
ROTL	119B4	116D6
RP	119C2	116D2
RSO	119D5	116D8
RS1	119F5	116D8
RSK	120B0	116D8
RTP	1E/D7	116D6
RW1	120B2	
S0-4	120C2	116D8
S5-9	120C2	116D8
SB	120E2	116D2
SBT	120E2	116D8
SCK	120C5	116D2
TAN	122C5	116D2
TAN1	122E5	116D0
TAN2	122F5	116D0
TAN3	122H5	116D0
TAN4	122C7	116D0
TB	122D7	116D4
TBT	123C2	116D8
TBT0-4	109F0	116D6
TBT5-9	109B2	116D6
TBTA	123D2	116D8
TBU0-4	122G0	116D6
TBU5-9	122D2	116D6
TBUA	123D2	116D2
TCA	123H2	116D6
TCB	123C5	116D6
TDCT	123E7	116D4
TF0	124E0	116D6
TF1	124E0	~~116D6~~
TF2	124E0	116D6
TF4	124F0	116D6
TF7	124F0	116D6

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
THT0	124G2	116D6
THT1	124C5	116D6
THT2	125C0	116D8
THT3	125C0	116D8
TI	6F0,125D1	116D4
TM	6E0	116D4
TMK	125B5	116D8
TMK1	125B5	116D8
TOL	126B0	116D8
TP'	126F0	116D8
TR2	98D2	116D4
TRK	98C0	116D4
TRL	126C2	116D4
TRL1	126C2	116D4
TRL2	126D2	116D4
TS	6H8	116D6
TSE1	127C2	116D4
TSE2	127C2	116D4
TST	10G5	116D6
TT	127G2	116D4
TT0,1,2,4,7	127C5	116D8
TTC	127D5	116D4
U'0	128F2	SEE MTC CKT
U'1,2,4,7	128B5	SEE MTC CKT
UT0,1,2,4,7	128D5	116D8
VF0	128F2	116D4
VF1-4	128B5	116D4
VG0,1	129B0	116D4
VF2	129E0	116D4
VG4,7	129G0	116D4
VG10	129B2	116D4
X11	130B5	116D4

REMOTE OFFICE TEST LINE-TRUNK MAKE BUSY (ROTL-TMB)

DESIG	LOCATION FS	LOCATION CAD
TB0	122F7	119B7
TB1	123B0	119B7
TB2	123B0	119B7
TB3	123C0	119B7
TB4	123C0	119B7
TB5	123C0	119B7
TB6	123D0	119B7
TB7	123D0	119B7
TB8	123E0	119B7
TB9	123E0	119B7
TSK	127D2	119B7

ROUTE DISTRIBUTION (RD)

DESIG	LOCATION FS	LOCATION CAD
HN0	109E1	105B7
HN1	109E1	105B7
HN2	109E1	105B7
HN4	109E1	105B7
HN7	109E1	105B7
RTK	125F4	SEE MTC CKT
RTK0		105B7
RTK1		105B7
RTK2		105D7
RTK3		105D7
RTK4		105D7
RTK5		105E7
RTK6		105E7
RTK7		105E7
T0	122E1	105B7
T1	122E1	105B7
T2	122E1	105B7
T4	122E1	105B7
T7	122E1	105B7
TRA0		105B7
TRA1		105B7
TRA2		105D7
TRA3		105D7
TRA4		105D7
TRA5		105E7
TRA6		105E7
TRA7		105E7
U0	128D1	105B7
U1	128D1	105B7
U2	128D1	105B7
U4	128D1	105B7
U7	128D1	105B7

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
1TR	98D1	106D0
2TR	98C4	106D3
A0,1,2,4,7	98C9	106D0
B0,1,2,4,7	99D6	106D0
BE	120F9	106D0
C0,1,2,4,7	100D1	106D0
CC0	106D6	106D0
CC1	106D6	106D0
CC2	106D6	106D0
CC4	106D6	106D0
CC7	106E6	106D0
CF0	126C6	106D0
CF1	126C6	106D0
CF2	126C6	106D0
CF3	126C6	106D0
CF4	126F6	106D0
CKF	105G4	106D0
CP0	105C9	106D0
CP1	105C9	106D0
CP2	105C9	106D0
CP3	105D9	106D0
CP4	105D9	106D0
CP5	105F9	106D0
CP6	105F9	106D0
CP7	105F9	106D0

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
CST0	118C1	106D0
CST1	118C1	106D0
CST2	118C1	106D0
CST4	118C1	106D0
CST7	121F4	106D0
CSU0	105B4	106D2
CSU1	105D4	106D2
CSU2	105E4	106D2
CSU4	104B6	106D2
CSU7	115B4	106D2
D0	103H1	106D2
D1	103H1	106D2
D2	103H1	106D2
D4	103H1	106D2
D7	103B4	106D2
DAC	117C1	106D2
DR0	104E9	106D2
DR1	104E9	106D2
DR2	104E9	106D2
DR4	104E9	106D2
DR7	104E9	106D2
DRA0	125D9	106D2
DRA1	120H1	106D2
DRA2	100G1	106D2
DRA4	104F1	106D2
DRA7	119F1	106D2
DRAT0	121D4	106D7
DRAT1	124B1	106D7
E0	104F4	106D2
E1	104F4	106D2
E2	104F4	106D2
E4	104F4	106D2
E7	104F4	106D2
F0	104C9	106D2
F1	104C9	106D2
F2	104C9	106D2
F4	104C9	106D2
F7	104C9	106D2
FWR	99E1	106D7
HN0	109E1	106D2
HN1	109E1	106D2
HN2	109E1	106D2
HN4	109E1	106D2
HN7	109E1	106D2
ID0	111B4	106D5
ID1	111D4	106D5
ID2	111F4	106D5
ID4	111G4	106D5
ID7	111B6	106D5
LA0	1E/D1	106D5
LA1	1E/D1	106D5
OAQ,1,2,4,7	109D4	106D5
OBQ,1,2,4,7	127B6	106D5
OC0,1,2,4,7	128E4	106D5

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
ON	2D1	106D5
OT	111D9	106D5
RT	112D9	106D5
RTA	127B9	106D5
SO	115C1	106D5
S1	115E1	106D5
S2	99D4	106D5
S3	107C6	106D5
S4	114D6	106D5
STR	3D0	106D5
STR1	3C7	106D5
STR2	3C6	106D5
T0	122E1	106D5
T1	122E1	106D5
T2	122E1	106D5
T4	122E1	106D5
T7	122E1	106D5
TA0	109F9	106D5
TA1	109G9	106D5
TA2	110B1	106D5
TA4	110G1	106D5
TA7	110C1	106D5
TBG	110D1	106D7
TB1	110F1	106D7
TB2	110F1	106D7
TB4	110G1	106D7
TB7	110G1	106D7
TC0	110F9	106D7
TE+	111B1	106D7
TC2	111D1	106D7
TC4	111E1	106D7
TC7	111G1	106D7
TCA	105E6	106D7
TCB	105F6	106D7
THO	114B4	106D7
TH1	114B4	106D7
TH2	114D4	106D7
TH4	114F4	106D7
TH7	114F4	106D7
TKT	125C4	106D7
TRB-0	14D8	106D7
TRB-1	14E8	106D7
TRBI-0	14E8	106D7
TRBI-1	14F8	106D7
TRST-0	1E/D1	106D7
TRST-1	1E/D1	106D7
TSC0-9	101D9	106D7
U0	128D1	106D7
U1	128D1	106D7
U2	128D1	106D7
U4	128D1	106D7
U7	128D1	106D7
WR	112G6	106D7

ROUTE TRANSLATOR CONNECTOR (RTC)

DESIG	LOCATION FS	LOCATION CAD
RTO RTO(0-7)	114A4	SEE CM CKT 105F7
RTI RTI(0-7)	114A4	SEE CM CKT 105F7

SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING (AIS-SC)

DESIG	LOCATION FS	LOCATION CAD
OS0	115C5	60B/H3
OS1	115D5	80B/H3
OS2	115E5	80B/H3
SG	121B0	80B/H3

SENDER TEST (ST)

DESIG	LOCATION FS	LOCATION CAD
A0,1,2,4,7	98B7	5G/H2
B0,1,2,4,7	99D5	5G/H2
C0,1,2,4,7	100D0	5G/H2
CI	1E/D4	
D0	103H0	5G/H2
D1	103H0	5G/H2
D2	103H0	5G/H2
D4	103H0	5G/H6
D7	103B2	5G/H6
E0,1,2,4,7	104E2	5G/H6
F0,1,2,4,7	104B7	5G/H6
G0,1,2,4,7	107G2	5G/H6
H0	107G7	5G/H6
H1	107G7	5G/H9
H2	107G7	5G/H9
H4	107G7	5G/H9
H7	108B0	5G/H9
J0,1,2,4,7	109C7	5G/H9
K0,1,2,4,7	110D5	5G/H9
L0	110H5	5G/H9
L1	110H5	5G/H9
L2	110H5	5G/H9
L4	110H5	5H/E2
L7	110C7	5H/E2
M7	100E7	5H/E2
ON	2B1	
SRT	104H0	
STR	3B0	
STR1	3C5	1B/A7
STR2	3C4	1B/A7
STRA	3D4	1B/G7
TRB	14A8	1B/A7
TRBI	14A8	1B/A7
TRC	12B8	
TRST	1E/D4	
VGT9	130D0	SEE MTC CKT

STUCK SENDER TRUNK IDENTIFIER (SSI)

DESIG	LOCATION FS	LOCATION CAD
CI		SEE MTC CKT 30B/E0
FT0	106G0	30B/E0
FT1	106G0	30B/E0
FT2	106G0	30B/E0
FU0,1,2,4,7	106C7	30B/E0
LH	111E7	30B/E0
LLP	112C2	SEE MTC CKT
ON		30B/E0
OS0	115C5	30B/E0
OS1	115D5	30B/E0
OS2	115E5	30B/E0
OS3	115F5	30B/E0
OS4	115H5	30B/E0
OSG0	115C7	30B/E0
OSG1	115D7	30B/E0
OSG2	115D7	30B/E0
OSG3	115E7	30B/E0
OSG4	115E7	30B/E0
OSG5	115F7	30B/E0
OSG6	116B0	30B/E0
OSG7	116B0	30B/E0
OSG8	116B0	30B/E0
OSG9	116B0	30B/E0
OSG10	116C0	30B/E0
OSG11	116C0	30B/E0
RH	118C0	30B/E0
SSA	121E5	30B/E0
SSB	121G5	30B/E0
SSTI	121B7	30B/E0
STR		30B/E0
SW0	106E7	30B/E0
SW1,2,4	106G7	30B/E0
SW7	107B0	30B/E0
SWT0	106C2	30B/E0
SWT1	106D2	30B/E0
TRB	14C8	30B/E0
TRBI	14C8	30B/E0
TRST	1E/D0	30B/E0
VU0	118C7	30B/E0
VU1	118C7	30B/E0
VU2	118D7	30B/E0
VU4	118D7	30B/E0
VU7	118D7	30B/E0

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
1TR	98D1	118D8
2TR	98C4	118D8
A0,1,2,4,7	98C9	119D0
ACD0	99E1	118D8
AL	99B4	118D4
ANC	99E4	119D2
AVG	99G4	118D6
BT	99D9	118D4
CD0,1,2,4,7	100B4	119D0
CH0-4	100F6	118D0
CH5-9	100F6	118D0
CHE	101C1	
CK	101G1	118D2
CK1	103C9	118D2
CK2	103E9	118D2
CK3	103E9	118D2
CK4	103E9	118D2
CK5	103E9	118D2
CKG	101G1	118D2
CL1	101F4	118D2
CL2	101G4	118D2
CL3	101F4	118D2
CL4	101F4	118D2
CL5	101H4	118D2
CN0	102F1	118D8
CN1	102F1	118D8
CN2	102F1	118D8
CN3		118D8
CN4		118D8
CN5		118D8
CN6		118D8
CN7		118D8
CN8		118D8
CN9		118D8
CN-RG(0-3)	101D9	119D0
CON	102C4	118D4
CS0-4	102F6	118D4
CS5-9	102F6	118D6
CS10-14	102F6	118D4
CS15-19	102F6	118D6
CT0	102C9	119D0
CT1	102C9	119D0
CT2	102C9	119D0
CU0	102G9	119D0
CU1	102G9	119D0
CU2	102G9	119D0
CU4	103B1	119D0
CU7	103B1	119D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1B

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
DCT	103F4	118D6
DCT1	103B6	118D2
DIS1	103G6	118D6
DRO-5	104E1	118D8
DRC	104F1	119D0
DRT	104H1	119D0
DTK	104B4	118D4
EXB		118D6
EXG		118D6
FAK	105C1	118D2
FBK	105D1	118D2
FCG	105F1	118D0
FCK	105H1	118D4
FM	105G4	118D2
FML	105H4	118D0
FRO	105C6	118D8
FR1	105E6	118D8
FR2	105G6	118D8
FS0	105C9	118D2
FS1	105C9	118D2
FS2	105C9	118D2
FS3	105D9	118D2
FS4	105D9	118D2
FTCK	106H4	118D6
FTK1	106B6	118D0
FU'0	106E9	119D0
FU'1	106F9	119D0
FU'2	106F9	119D0
FU'4	106F9	119D0
FU'7	107B1	119D0
FUT0	107D1	118D8
FUT1	107D1	118D8
FUT2	107D1	118D8
FUT4	107D1	118D8
FUT7	107E1	118D8
GLH	107E6	118D0
GT2	107D9	118D0
GTL	107F9	119D0
HG'0,1,2,4,7	108B4	119D0
HGK	108D4	118D4
HGT0	108F4	118D4
HGT1	108G4	118D4
HGT2	108C6	118D4
HGT3	108D6	118D4
HGT4	108F6	118D4
HGT5	108G6	118D4
HGT6	108B9	118D4
HGT7	108D9	118D4
HGT8	108F9	118D4
HGT9	108G9	118D4
HMS1	109C1	118D2
HTK1	109E4	118D0
HTR	109G4	118D6
IFK	109B6	118D8
ITR	109B9	119D0

DESIG	LOCATION FS	LOCATION CAD
JC0-4	109E9	118D0
JCK	110C4	118D2
JG0	110C4	118D2
JG1	110D4	118D2
JG2	110F4	118D2
JG3	110G4	118D2
JG4	110G4	118D2
JXP1	101C1	118D2
JXPA	110C6	118D2
LC0	110F9	118D6
LC1	111B1	118D6
LC2	111D1	118D6
LC3	111F1	118D6
LC4	111G1	118D6
LC5	111B4	118D6
LC6	111D4	118D6
LC7	111F4	118D6
LC8	111H4	118D6
LC9	111B9	118D6
LCK	111E6	
LDT	111G6	118D6
LFK	111B9	118D0
LK	112D1	118D8
LL0	124F4	119D0
LL1	124B6	119D0
LL2	124D6	119D0
LL4	124F6	119D0
LL7	124G6	119D0
LLCK	112G1	119D0
LTR	112D6	
LV2-9	112F6	118D8
LXPA	112D6	118D8
LXPI	112B9	118D8
MAK1	112E9	118D8
MLF	113F1	118D8
MRL	113E4	118D6
MXT	113D9	118D8
OBC1	125C9	118D6
OBS2	125F6	118D6
OTT	116F1	
P0-4	116B4	118D0
P5-9	116C4	118D2
PA	116D4	118D2
PK	116E9	119D0
PNR	116G9	118D2
PRR	117D1	119D0
PS	117E1	119D0
RA	117B4	118D4
RA0-3	119D4	118D8
RA4	119E4	118D8
RCY	117D9	118D2
RK	118F1	118D8
RK1	118G1	119D0
RK2	118B4	119D0
RK3	118C4	119D0

DESIG	LOCATION FS	LOCATION CAD
RL	118E4	119D2
RR	119D6	118D6
RTO-3	120C1	118D0
RTE0,1,2,4	106D6	118D6
SDG	120F6	119D2
SDT	120B9	118D6
SLA	121C1	118D8
SNK	121B4	118D6
SNR	121C4	118D4
SQ1	121B6	118D0
SQA	121C6	118D0
STP1	121C9	118D4
STP2	121D9	118D4
STR	3F5	118D4
STRA	3F5	118D6
TA	122E4	118D2
TB0	122F9	118D2
TB1,2	123B1	118D2
TB3,4	123C1	118D2
TB5	123C1	118D2
TB6,7	123D1	119D2
TBK	123G1	118D0
TC1	123F4	118D8
TCHK	123B9	118D4
TCK	123C9	118D2
TG0	124G1	118D2
TG1	124G1	118D2
TG2	124B4	118D2
TG3	124B4	118D2
TG4	124B4	118D2
TG5	124C4	118D8,119D2
TG6	124D4	119D2
TG7	124D4	119D2
TG8	124D4	119D2
TG9	124D4	119D2
TG10	124E4	119D2
TG11	124E4	119D2
TG12	124E4	119D2
TG13	124E4	119D2
TG14	124E4	119D2
TG15	124E4	119D2
TG16	124E4	119D2
TG17	124E4	119D2
TG18	124E4	119D2
TG19	124E4	119D2
TI	125D1	118D8
TIR	14G8	118D6
TK	125B4	118D2
TM	125G4	118D6
TP0	119D6	118D6
TP1	119F6	118D6
TP2	119G6	118D6
TP3	119B9	118D6
TP4	119C9	118D6
TRL	126B4	118D4
TRS	126G4	118D4
TRS1	1F/G5	118D6
TRST	1F/G8	118D6
TS0	126D6	118D0
TS1	126D6	118D0
TS2	126D6	118D0
TS3	126D6	118D0
TS4	126F6	118D0

DESIG	LOCATION FS	LOCATION CAD
TS5	126C9	118D0
TS6	126E9	118D0
TS7	126E9	118D0
TS8	126E9	118D0
TS9	126E9	118D0
TS10	127C1	118D0
TS11	127C1	118D0
TS12	127C1	118D0
TS13	127D1	118D0
TS14	127D1	118D0
TS15	127E1	118D0
TS16	127F1	118D0
TS17	127F1	118D0
TS18	127F1	118D0
TS19	127F1	118D0
TSA	127G1	119D2
TSE	127B4	118D6
TSQ0	114E1	119D2
TSQ1	114F1	119D2
TSQ2	114G1	119D2
TSQ4	114H1	119D2
TSQ7	127E4	119D2
TTG0	123B4	118D8
TTG1	123B4	118D8
VF'0-4	128D6	119D2
VFT0	128F6	118D4
VFT1	128H6	118D4
VFT2	128B9	118D4
VFT3	128D9	118D4
VFT4	128E9	118D4
VG'0,1,2,4,7	129D4	119D2
VG'10	129F4	119D2
VGT0	129B6	119D2
VGT1	129D6	119D2
VGT2	129E6	119D2
VGT3	129G6	119D2
VGT4	129C9	119D2
VGT5	129D9	119D2
VGT6	129E9	119D2
VGT7	129G9	119D2
VGT8	130B1	119D2
VGT9	130D1	119D2
VGT10	130F1	119D2
VGT11	130G1	119D2
VTK1	130C4	118D2
WT	130F4	118D6
XBT	130F6	118D0
XCH	130H6	118D4
XCL	130D9	118D4
XCS	131D1	119D2
XHG	131C6	118D2
XI	131F6	119D2
XJC	131D9	118D0
XJG	131F9	118D0
XJS	132C1	118D2
XLC	132E1	118D4
XLG	132C4	118D4
XLH	132E4	118D2
XLO	132G4	119D2
XLR	132D6	118D0
XLS	132F6	118D0

DESIG	LOCATION FS	LOCATION CAD
XLV	132C9	118D0
XMRL	132E9	119D2
XRL	133D4	119D2
XSL	133D6	118D4
XSS	121F9	118D0
XTB1	134C1	119D2
XTC	134E1	118D8
XTC1	134G1	118D8
XTG1	134E4	118D4
XTRK	134F4	118D0
XTRL	134G4	118D0
XTS	134C6	118D4
XTS1	134E6	118D4
XVGA	134F6	118D8
XVGB	131F1	118D0

TRUNK TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
ITR	98C0	
2DT	98F0	109D8
2LI	98G0	6E/G5,109D6
2W	98E2	109D8
A0,1,2,4,7	98B7	109D0
AL	99C2	109D0
AMA	112G0	109D0
B0,1,2,4,7	99D2	109D0
BT	99C7	109D0
C0,1,2,4,7	100D0	109D0
CGA	100D5	109D0
CGB	100D5	109D0
CIB	5E7	1B/D0,109D0
CKG1	101H0	109D0
CRU0	102D5	109D0
CRU1	102D5	109D0
CRU2	102D5	109D0
CRU4	102D5	109D0
CRU7	102E5	109D0
CSG1	102G5	109D0
CSG2	102H5	
CSW		
CTA0	102D7	109D0
CTA1,2	102D7	
CU0	102G7	109D0
CU1	102G7	109D0
CU2	102G7	109D0
CU4	103B0	109D0
CU7	103B0	109D0
D0,1 2,4	103H0	109D0
D7	103B2	109D0
DCT	103G2	109D0
DIS	103H5	109D2
DIS1	103G5	109D2
E0,1,2,4,7	104E2	109D2
ECN	104B5	109D2
F	104G5	109D2
F0,1,2,4,7	104B7	109D2

TRUNK TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
FCK	105H0	
FG0	105B2	109D2
FG1	105C2	109D2
FG2	105D2	109D2
FTO-3	106F0	109D2
FTCK	106H2	109D2
FU0,1,2,4,7	106B7	109D2
FVD	107D2	109D2
G0,1,2,4,7	107G2	109D2
GPA	99H2	109D2
GPB	107G5	109D2
H0	107G7,129B0	109D2
H1	107G7,129B0	109D2
H2	107G7,129E0	109D2
H4	107G7,129G0	109D2
H7	107G7,129G0	109D2
HG0	108F0	109D2
HG1	108F0	109D2
HG2	108F0	109D2
HG4	108F0	109D2
HG7	108F0	109D2
HMS1	109C0	109D2
HTO,1,2,4,7	109C2	109D4
INC	109D5	109D4
J0,1,2,4,7	109C7	109D4
K0,1,2,4,7	110D5	109D4
KM	110G5	75C/H6,109D6
L7	110C7	109D4
LHM	111F7	109D4
LHMT	111G7	109D4
LK2	112E0	109D4
LK3	112F0	109D4
LT	120F5	109D4
LT1	112H2	109D4
LT2	112B5	109D4
MKS	7F8	2A/E3,109D4
MKT0,1	7E8	3B3,109D4
MO1	113H0	109D4
MRL	113E2	109D4
MT1K	113F2	109D4
MT2K	113H2	
MT5	113B5	109D4
MT8K	113D5	
MT9K	113D5	
MT10K	111E5	
MTRA	117B0	
NOBT	114B7	109D4
OR	115G2	109D4

TRUNK TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
PCD	116D5	109D4
PCD1	116E5	109D4
PCR	116G5	109D4
PK	116E7	109D4
POTS	117B0	75C/H7
RA	117B2	109D4
RBT	117C2	109D4
RBT1	117C2	109D4
ROG	119F0	109D4
RP	119C2	109D6
SB	120E2	109D6
SBT	120E2	109D6
SCK	120C5	109D6
SPL	121C2	
TAN	122C5	109D6
TAN1	122E5	109D6
TAN2	122F5	109D6
TAN3	122H5	109D6
TAN4	122C7	109D6
TB	122D7	109D6
TBT	123C2	109D6
TCA	123H2	109D6
TCB	123C5	109D6
TDCT	123E7	109D6
TF0	124E0	109D6
TF1	124E0	109D6
TF2	124E0	109D6
TF4	124F0	109D8
TF7	124F0	109D8
THT0	124G2	109D8
THT1	124C5	109D8
THT2	125C0	109D8
THT3	125C0	109D8
TI	6H1,125D1	1B/D0,109D8
TM	6D0	1B/D0,109D8
TMK	125B5	109D8
TMK1	125B5	109D8
TOL	126B0	109D8
TR2	98D2	109D8
TRK	98C0	109D8
TRL	126C2	109D8
TRL1	126C2	109D8
TRL2	126D2	109D8
TS	6E8	2A/E3,109D8
TSE1	127C2	109D8
TST	10F5	21A7,109D8
TSTL	127F2	

TRUNK TEST REGISTER (TTR)

DESIG	LOCATION FS	LOCATION CAD
TT0,1,2,4,7	127C5	109D8
TTR	127F6	15B3,109D8
TTRP	1E/D5	2A/E3,109D8
U'0	128F2	
U'1,2,4,7	128B5	
UT0,1,2,4,7	128D2	109D8
VF0	128F2	109D8
VF1-4	128B5	109D8
VG0	129B0	109D8
VG1	129B0	109D8
VG2	129E0	109D8
VG4	129G0	109D8
VG7	129G0	109D8
VG10	129B2	109D8
X11	130B5	109D8

TRANSFER TRUNK LINK (TTL)

DESIG	LOCATION FS	LOCATION CAD
LC0	110F9	
LC1	111C1	
LC2	111D1	
LC3	111F1	
LC4	111G1	
LC5	111C4	
LC6	111D4	
LC7	111F4	
LC8	111H4	
LC9	111C6	

TRANSLATOR ACCESS (TA)

DESIG	LOCATION FS	LOCATION CAD
ITR	98A1	
2TR	98D4	
CI	1A/B2	154A2-D2
EF	123E1	
EVG	112B1	
FU0	105B6	
FU1	112B1	
FU2	125G1	
FU3	99G6	
FU4	118D1	
FT0	117G1	
FT1	116E9	
FT2	125C6	
FT3	104D6	
FT4	116G4	
FT5	105B6	

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TRANSLATOR ACCESS (TA)

DESIG	LOCATION FS	LOCATION CAD
GC	132B4	
HG0,1,2,4,7	108G1	
OF	123F1	
OVG	120B1	
RCCK	11G5	152A4,A7
RP	107B4	
RPT	107B4	
RSK	120B1	
SC	120F4	
SW0,1,2,4,7	108G1	
TGR	131B1	
TI	6H2	
TNK	134C6	
TPT	107G1	
TRB	13C8	154A2-D2
TRST	1A/B2	154A2-D2
TS	5A2	
TVA-	1A/B3	154A2-D2
TVB-	1A/B3	152A4,A7
TVC00	29G/D5	152G1
TVC01	29G/D5	152G1
TVC02	29G/G5	152G1
TVC10	29G/D5	152G1
TVC11	29G/F5	152G1
TVC12	29G/G5	152G1
TVT	128B1	
VF0	128G4	
VF1	128B6	
VF2	128B6	
VF3	128B6	
VF4	128B6	
VG0	116G1	
VG1	99G9	
VG2	115F4	
VG3	117H1	
VG4	111D6	
VG5	123F6	
XET	131B4	
XTL	112E1	
XVF	121H1	
XVG	100E6	

TRANSLATOR ADMINISTRATION AND TEST (TAT)

DESIG	LOCATION FS	LOCATION CAD	
HO,1,2,4	107G9	107D0	
H7	108C1	107D0	
JO,1,2,4,7	109D9	107C2	
KO,1,2,4,7	110D6	107C2	
LO,1,2,4,7	110H6	107C2	
L'O,1,2,4,7	110C9		
MO,1,2,4	102D6	107C2	
M7	113E9	107C2	
NO,1,2,4	107H6	107C2	
N7	107B9	107C2	
STRI	3D7	107C2	
STRA	3E7	107C2	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
ITR	98B1	22H4,30D/E7, 86C5,121A/A0, 124D7	
2DT	98F1		
2L	117G4	23B4,30F/B2, 86D2,121A/F3, 124D7	
2TR	98B4	22H4,30D/E7, 86C5,121A/A0, 124D7	
2W	119G4	23H7,86F2, 121A/F3, 124D7	
4DG	98G4	22H4,30D/B7, 86D2,121A/F3, 124D7	
4'	11786,C6	23B4,30F/B2, 86D2,121A/F3, 124D7	
4W	119E4,F4	23H7,86F2, 121A/F3, 124D7	
5DG	98C6	22H4,30D/B7, 86D2,121A/F3, 124D7	
A0,1,2,4,7	98A9,B9	22H4,30D/E7, 86C7,121A/A3, 124C3	
A'0	98D9	23B4,30F/B2, 86B2,121A/A0, 124D7	
A'2	99B1	23B4,30F/B2, 86G2,121A/A0, 124D7	
AC	115G6	30D/E5,86C5, 121A/A0,124D7	
AOS	106E4,F4	23H7,86D2, 121A/A3, 124D7	
ATO,1,2,4,7	107B6	30D/G7, 121A/A0, 124D7	
BO,1,2,4,7	99C6	22H4,30D/E7, 86C7,121A/A3, 124C3	
B'O,1,2,4,7	99E6	23B4,30F/B2, 86G2,121A/A0, 124D7	
BA	133B9	30D/G5,86C5, 121A/A0, 124D7	
BTO,1,2,4,7	108D1	30D/G7, 121A/A0, 124D7	
BY	131E1	22E3,30D/E5, 86C5,121A/A0, 124D7	
C	100B1	23B4,30F/B2, 86G2,121A/A0, 124D7	
CO,1,2,4,7	100B1	22H4,30D/E7, 86C7,121A/A3, 124C3	
C'O,1,2,4,7	100E1	23B4,30F/B2, 86G2,121A/A3, 124D7	
CDO,1,2,4,7		86D2,121A/A3	
CI	1A/C5	17F7,86G0, 121A/B5, 124H4	
CII	130E9	30D/E5,86C5, 121A/A0, 124D7	
CI1T	101D1	30D/E5,86C5, 121A/A0, 124D7	
CI2	133B4	22E3,30D/E5, 86C5,121A/A0, 124D7	
CI2T	101D1	22E3,30D/E5, 86C5	
CI3	131E4,F4	22E3,30D/E5, 86C5,121A/A0, 124D7	
CI3T	101D1	22E3,30D/E5, 86C5,121A/A0, 124D7	
CI4	133B1	22E3,30D/E5, 86C5,121A/A0, 124D7	
CI4T	101D1	22E3,30D/E5, 86C5,121A/A0, 124D7	
CIFA	133D1,E1	22E3,30D/E5, 86C5,121A/A0, 124D7	
CIFAT	101E1	22E3,30D/E5, 86C5,121A/A0, 124D7	
CK	132B1	22E3,30D/E5, 86C5,121A/A0, 124D7	
CK1	132D6,E6	22A3,30D/B5, 86A5,121A/A0, 124D7	
CK2	132D4	22A3,30D/B5, 86A5,121A/A0, 124D7	
CK4	132F4	22A3,30D/B5, 86F2,121A/F3, 124D7	
CK7	131C1	22A3,30D/B5, 86F2,121A/A3, 124D7	
CKG	132B4	22H4,30D/E7, 86C5,121A/A0, 124D7	
CMB	102D9,E9	23B4,30F/B2, 86G2,121A/A0, 124D7	
CPO	102F4	22H4,30D/B7, 86D2,121A/E3, 124D7	
CP1	102F4	22H7,30D/B7, 36D2,121A/E3, 124D7	
CP2	102F4	22H4,30D/B7, 36D2,121A/E3, 124D7	
CP4	102F4	22H4,30D/B7, 96D2,121A/E3, 124D7	
CP7	102F4	22H4,30D/B7, 86D2,121A/E3, 124D7	
CTO,1,2,4,7	109E9	30D/G7, 121A/A0,124D7	
D'O,1,2,4,7	103C4,D4	23B4,30F/B2, 86G2,121A/A0, 124D7	
DIST	103H6	22G3,30D/F5, 86C5,121A/A0, 124D7	
DNK	104C1	30D/E5,86D2, 121A/F3, 124D7	
DS	132D1,E1	23B4,30F/B2, 86G2,121A/A0, 124D7	
DTK	104C4	22E3,30D/E5, 86C5,121A/A0, 124D7	
DTKI		22E3,30D/E5, 86C5	
DTKA	104D4	23B4,30F/B2, 86G2,121A/A0, 124D7	
DTN	134C4	23B4,30F/B2, 86G2,121A/A0, 124D7	
DTW	115C6	30D/E5,86C5, 121A/A0, 124D7	
EO	104E4	22H4,30D/E7, 86F5,121A/A3, 124C3	
E1,2,4,7	104E4	22H7,30D/E7, 86F5,121A/A3, 124C3	
E'O,1,2,4,7	104G4	23B4,30F/B2, 86G2,121A/A3, 124D7	
EXB		22H4,30D/E7, 86C5,121A/A0, 124D7	
EXG		22H4,30D/E7, 86C5,121A/A0, 124D7	
EXT	130G6	22E3,30D/E5, 86C5,121A/A0, 124D7	
FABC	104G9	22H4,30D/E7, 86F2,121A/F3, 124D7	
FACK	131B6	22H4,30D/E7, 86F2,121A/F3, 124D7	
FO,1,2,4,7	104B9	22H4,30D/E7, 86F5,121A/A3, 124C3	
F'O,1,2,4,7	104D9	23B4,30F/B2, 86G2,121A/A0, 124D7	
FTO-3	106F1	22H4,30D/B7, 86D2,121A/F3, 124D7	
FU0,1,2,4	106B9,C9	22H4,30D/B7, 86D2,121A/F3, 124D7	
FU7	106B9,C9	22H7,30D/B7, 86D2,121A/F3, 124D7	
GO,1,2,4,7	107G4	22H4,30D/E7, 86F5,121A/A0, 124C3	
GC	132B4	86C5,121A/A0, 124D7	
H0,1,2,4	107F9,G9	22H4,30D/E7, 86F5,121A/A0, 124C3	
H7	108B1	22H4,30D/E7, 86F5,121A/A0, 124C3	
HNO-4	109D1	22A3,30D/B5, 86F2,121A/F3, 124D7	
HN5-9	109G1	22A3,30D/B5, 86F2,121A/F3, 124D7	
IC	133G4	22E3,30D/E5, 86C5,121A/A0, 124D7	
ICK	109B6	23B4,30B/F2, 86G2,121A/A0, 124D7	
IOD	106D4	23H4,86D2, 121A/A3, 124D7	
IR	109E6	23B4,30F/B2, 86G2,121A/A0, 124D7	
IRY	133F6	22E3,30D/E5, 86C5,121A/A0, 124D7	
JO,1,2,4,7	109C9	22H4,30D/E7, 86F5,121A/A0, 124C3	
KO,1,2,4,7	110D6	22H4,30D/E7, 86C5,121A/A0, 124D7	
LO,1,2,4	110G6,H6	22H4,30D/E7, 86F2,121A/F3, 124D7	

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DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
L5D	118C1	22H4,30D/B7, 86D2,121A/F3, 124D7
L7	110B9	22H4,86B7, 121A/F3, 124D7
LCP	131E4,F4	30D/E5,86C5, 121A/A0, 124D7
LST	111E9	22H4,30D/B7, 86D2,121A/F3, 124D7
M7	113E9	22H4,30D/E7, 86F2,121A/F3, 124D7
MB	9F3	17F7,86GO, 121A/B5, 124H4
MBO,1,2	112F9	22H4,30D/B7, 86D2,121A/F3, 124D7
MB4,7	113B1	22H4,30D/B7, 86D2,121A/F3, 124D7
MC	113C1	22G3,30D/F5, 86C5,E5, 121A/A0,DO, 124D7,H7
MOA	113B4	22E3,30D/E5, 86C5,E5, 121A/A0, 124D7
MRRL	133D1,E1	30D/E5,86C5, 121A/A0, 124D7
MRST	133B1	30D/E5,86C5, 121A/A0, 124D7
NAC	114A1,B1	30D/E5,86C5, 121A/A0, 124D7
NID	106B4	23H7,86D2, 121A/A3, 124D7
NOB	114G6,H6	22H4,30D/E7, 86C5,121A/A0, 124D7
NSP	125C9,D9	23H7,86D2, 121A/A3, 124D7
OARO	103B9,C9	30D/B5,86F2, 121A/F3, 124D7
OAR1,2	103D9	23H7,86F2, 121A/F3, 124D7
OBS	115F1,G1	22H4,30D/E7, 86C5,124D7
OF	132D9,E9	22E3,30D/E5, 86F2,121A/F3, 124D2
OFFO-3	126C6	22A3,30D/B5, 86F2,121A/F3, 124D7
OFF4	126E6	22A3,30D/B5, 86F2,121A/F3, 124D7
OFF5	126B9	22A3,30D/B5, 86F2,121A/F3, 124D7
OFF6-9	126D9	22H4,30D/E7, 86D2,121A/A3, 124D7
OFT	105G1	22E3,30D/E5, 86F2,121A/F3, 124D7
OFTC-2	127B1	22H4,30D/E7, 86D2,121A/A3, 124D7
OPI	131G1	22H4,30D/G5, 86C5,121A/A0 124D7
P	133D9	23B4,30F/B2, 86G2,121A/A0, 124D7
PI	13286,C6	23B4,30F/B2, 86G2,121A/A0, 124D7
P5	130B9	22E3,30D/E5, 86C5,121A/A0, 124D7
PA	116E4	23B4,30F/B2, 86G2,121A/A0, 124D7
PHC	116C9	
POTS	121G6	30D/E5,86C5, 121A/A0, 124D7
PRE	131F6	30D/E5,86C5, 121A/A0, 124D7
PT	13189,C9	23B4,30F/B2, 86G2, 121A/A0, 124D7
PTI	134B1,C1	23B4,30F/B2, 86G2, 121A/A0, 124D7
RAI	110E9	23H7,86F5, 121A/A0, 124C3
RA2	111F1	23H7,86F5, 121A/A0, 124C3
RA3	111G4	23H7,86F5, 121A/A0, 124C3
RB	134G6	22E3,30D/E5, 86C5,121A/A0, 124D7
RB1	111A1,B1	22E3,30D/E5, 86C5,121A/A0, 124D7
RB2	111A4,B4	22E3,30D/E5, 86C5,121A/A0, 124D7
RB3	111A6,B6	22E3,30D/E5, 86C5,121A/A0, 124D7
RC1	111C1	23H7,86D2, 121A/A3, 124D7
RC2	111C4	23H7,86D2, 121A/A3, 124D7
RC3	105F4	23H7,86D2, 121A/A3, 124D7
RCCK	11F5	17F7,86B4, 121A/B5, 124H4
RCI	21A1	17F7,86GO, 121A/B5, 124H4
RD	132B9	23B4,30F/B2, 86G2,121A/A0, 124D7
RD1	111E1	23B4,30D/E5, 86C5,121A/A0, 124D7
RD2	111E4	23B4,30D/E5, 86C5,121A/A0, 124D7
RD3	111C9	23B4,30D/E5, 86C5,121A/A0, 124D7
RDL	117F9	23B4,30F/B2, 86G2,121A/A0, 124D7
RK	121E9,F9	22E3,30D/E5, 86C5,121A/A0, 124D7
RL	112F4	22C3,30D/C5, 86C5,E5, 121A/A0,EO, 124D7,H7
RLA	118F4	22E3,30D/E5, 86C5,121A/A0, 124D7
RLR	134D1	22E3,30D/E5 86D2,121A/F3, 124D7
RNO,1,2	118C9	22H4,30D/B7, 86F5,121A/A0, 124C3
RN4,7	118D9	22H4,30D/B7, 86F5,121A/A0, 124C3
RNA	21B2	18G3,86E1, 121A/D3,F3, 124G4
RNTO	115C4	23H7,86D2, 121A/A3, 124D7
RNT1	99F1	23H7,86D2, 121A/A3, 124D7
RNT2	117E1	86G2,121A/A0, 124D7
RPT	107A4,B4	22B4,30D/C7, 86D2,121A/F3, 124D7
RST0-9	101C9	22A3,30D/B5, 86A5,121A/A0, 124D7
RST10-15	101F9	23H7,30D/B5, 86D2,121A/A0, 124D7
RST16-19	102C1	23H7,30D/B5, 86D2,121A/A3, 124D7
RST20	120F6,G6	30D/B5,86H2, 121A/A0, 124D7
RST21	127G4,H4	30D/B5,86H2, 121A/A0, 124D7
RST22	98F1	30D/B5,86H2, 121A/A0, 124D7
RST23	107D4	30D/B5,86H2, 121A/A0, 124D7
RST24	130B6,C6	30D/B5,86H2, 121A/A0, 124D7
RST25	98E6,F6	30D/B5,86H2, 121A/A0, 124D7
RST26	115B1,C1	30D/B5,86H2, 121A/A0, 124D7
RST27	115E1	30D/B5,86H2, 121A/A0, 124D7
RST28	116C9	30D/B5,86H2, 121A/A0, 124D7
RST29	124E9,F9	30D/B5,86H2, 124D7
SC	120G4	22H4,30D/B7, 86C5,121A/A0, 124D7
SCH	115E6	30D/E5,86C5, 121A/A0, 124D7
SNC	115F6	30D/E5,86C5, 121A/A0, 124D7
SP	101B1	30D/G5,86D2, 121A/F3, 124D7
SPC	125G6	23H7,86D2, 121A/A3, 124D7
SPL	121G4	23B4,30F/B2, 86G2,121A/A0, 124D7
TO-4	122D1	22A3,30D/B5, 86F2,121A/F3, 124D7
T5-9	122B4	22A3,30D/B5, 86F2,121A/F3, 124D7
TBL	113B9,C9	23B4,30F/B2, 86G2,121A/A0, 124D7
TBY	130D6	22E3,30D/E5, 86F2,121A/F3, 124D7
TC1		30G/D4, 121A/D3
TCT	123D9	23B4,30F/B2, 86G2,121A/A0, 124D7
TEA	130C9	22E3,86C5, 121A/A0, 124D7
TET	124C1,D1	22E3,86C5, 121A/A0, 124D7
TGR	131B1	22E3,30D/E5, 86D2,121A/F3, 124D7
TH0,1	114B4,C4	22A3,30D/B5, 86F2,121A/F3, 124D7
TH2	114D4,E4	22A3,30D/B5, 86F2,121A/F3, 124D7
TH3,4	114F4,G4	22A3,30D/B5, 86F2,121A/F3, 124D7
TH5-9	114B6	22A3,30D/B5, 86F2,121A/F3, 124D7
TIC	125E1,F1	22E3,30D/E5, 86C5,121A/A0, 124D7
TIK	125F1,G1	22H3,30D/G5, 86C5,121A/A0, 124D7
TM	6E5	17E7,86FO, 121A/D5, 124E4
TMI	130F4	22E3,30D/E5, 86F5,121A/A0, 124C3
TM2	120C9	22E3,30D/E5, 86F5,121A/A0, 124C3
TM2T	130F4	86F5,121A/A0, 124C3
TM3T	120C9	86F5,121A/A0 124C3
TNK	134D6	22H7,86C5, 121A/A0, 124D7
TNO	125D6	22H3,30D/G5, 86D2,121A/F3 124D7
TNR	113B9,C9	
TOK	131D6,E6	22E3,86C5, 121A/A0, 124D7
TOP	126C1	22H3,30D/G5, 86D2,121A/F3 124D7
TPT	107F1	22H4,30D/E7, 86F2,121A/F3 124D7
TR	109F6,G6	22D3,30D/D5, 86A5,B5, 121A/A0,CO, 124D7,H7
TRA	126G1	86C5,121A/A0 124D7
TRB	13C8	17F7,86GO, 121A/B5, 124H4
TRL	133E6	23H7,86C5, 121A/A0, 124D7
TRP		86H2,121A/A0, BO,124A7
TRS	126F4,G4	22C3,30D/D5, 86A5,121C/A0, 124D7
TRST	1A/C5	17E7,86GO, 121A/B5, 124H4
TRTO,1,2,4	118B1	30D/G7, 121A/A0, 124D7
TRT7	121E4	30D/G7, 121A/A0, 124D7
TRU0	105B4	30D/G7, 121A/A0, 124D7
TRU1	105C4	30D/G7, 121A/A0, 124D7
TRU2	105E4	30D/G7, 121A/A0, 124D7
TRU4	104B6	30D/G7, 121A/A0, 124D7
TRU7	115B4	30D/G7, 121A/A0, 124D7
TSL	127E4	22E3,30D/E5, 86D2,121A/F3, 124D7
TTT	11986	22H4,30D/E7, 86A5,121A/A0, 124D7
TVA	1A/A3	17F7,86GO, 121A/B5, 124H4
TVB	1A/A3	17F7,86GO, 121A/B5, 124H4
TVT	11C2	17F7,86GO, 121A/B5, 124H4
TVT3(-)	21D2	17F7,86GO, 121A/B5, 124H4
TVTA(-)	8E5	17F7,86GO, 121A/B5, 124H4

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE IB

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD
U0-4	128C1	22A3,30D/B5, 86F2,121A/F3, 124D7
U5-9	128E1	22A3,30D/B5, 86F2,121A/F3, 124D7
UK	128G1	23B4,30F/B2, 86G2,121A/A0, 124D7
VG0,1	129C1	22A4,30D/B7, 86D2,121A/F3, 124D7
VG2	129E1	22A4,30D/B7, 86D2,121A/F3, 124D7
VG4,7	129G1	22A4,30D/B7, 86D2,121A/F3, 124D7
VG10	129C4	22A4,30D/B7, 86D2,121A/F3, 124D7
W	115D6	30D/E5,86C5, 121A/A0,124D7
X	112B9,C9	22E3,30D/E5, 86F2,121A/F3, 124D7
X2P	121E1,F1	22E3,30D/E5, 86C5,121A/A0, 124D7
XCK	118G9	22E3,30D/E5, 86C5,121A/A0, 124D7
XDS	103B6,C6	30D/E5,86C5, 121A/A0, 124D7
XET	131B4	22E3,30D/E5, 86F2,121A/F3, 124D7

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD
XIC	103G4	22E3,30D/E5, 86D2,121A/F3, 124D7
XICK	119E9,F9	22E3,30D/E5, 86C5,121A/A0, 124D7
XNL	99B6	22E3,30D/E5, 86F2,121A/F3, 124D7
XOF	118F9	22E3,30D/E5, 86F2,121A/F3, 124D7
XP	103B6,C6	22E3,30D/E5, 86C5,121A/A0, 124D7
XRB	103D6,E6	22E3,30D/E5, 86C5,121A/A0, 124D7
XRD	121E1,F1	30D/E5,86C5, 121A/A0, 124D7
XRE	118F1	30D/E7,86F2, 121A/F3, 124D7
XRL	107C9	22E3,30D/E5, 86C5,121A/A0, 124D7
XRN	108C4	30D/E7,86F2, 121A/F3, 124D7
XRST	102D4	22E7,30D/E5, 86F2,121A/F3, 124D7
XS	118C4,D4	30D/B5,86F2, 121A/F3, 124D7
XST	107F6	30D/B5,86A5, 121A/A0, 124D7
XT	133G6,H6	23B4,30F/B2, 86G2,121A/A0, 124D7
XTKK	115B9	22E3,30D/E5, 86C5,121A/A0, 124D7
XTS	103G4	30D/E5,86D2, 121A/F3, 124D7
XU	103G6	22E3,30D/E5, 86C5,121A/A0, 124D7,
XVF	121G1	22E3,30D/E5, 86F2,121A/F3, 124D7
XVG	100E6	22E3,30D/E5, 86F2,121A/F3, 124D7

TRANSVERTER CONNECTOR (TVC)

DESIG	LOCATION FS	LOCATION CAD
CD0,1,2	102C9,D9	23G7,89B7, 127D0
CD4,7	100D6	23G7,89B7, 127D0
CN0	102D1	7E7,89F7, 127D0
CN1	102D1	7E7,89F7, 127D0
CN2	102F1	7E7,89F7 127D0
CNG	27F3	17E7,89D7, 127D0
FR0	105C6	7G7,89F7, 127D0
FR1	105F6	7F7,89F7, 127D0
FR2	105F6	7F7,89F7, 127D0
FR3	105H6	7F7,89F7, 127D0
FR4	105A9	89F7,127D0
FRG	27F8	17E7,89D7 127D0
S0-9	120D4	7B7,89F7, 127D0
S10-14	120D4	8H0,09F7, 127D0
SG	28G3	17E7,89D7, 127D0

TRANSVERTER CONNECTOR (TVC)

DESIG	LOCATION FS	LOCATION CAD
SW0,1,2,4,7	108G1	22A4,30D/B7, 89B7,127D0
VF0	128F4	22B4,30D/B7, 89B7,127D0
VF1-4	128C6	22B4,30D/B7, 89B7,127D0
	128C6	22B4,30D/B7, 89B7,127D0
	128C6	22B4,30D/B7, 89B7,127D0
	128C6	22B4,30D/B7, 89B7,127D0

TROUBLE RECORDER CONNECTOR (TRC)

DESIG	LOCATION FS	LOCATION CAD
CN0-2 CN3	102E1 102G1	
FR0 FR1 FR2	105D6 105F6 105H6	107A4 107E4
RP0-3 RP4	119C4,D4 119D4,E4	
RPAB RPB RPSA	119F4 119G4,H4 119C6	

TRUNK CONTROL (TC)

DESIG	LOCATION FS	LOCATION CAD
AL0	104F9	24G0,120B5, D5
AL1	99B4,C4	24G0,120B5, D5
AL2	99H4	24G0,120B5, D5
AL4	107G6	24G0,120B5, D5
AL7	103D1,E1	24G0,120B5, D5
ALS	104E9	24G0,120B7, F7
AR0	102B4	24G0,120B5, D5
AR1	104D1	24G0,120B5 D5
AR2,4,7	102C6	24G0,120B5, D5

TRUNK CONTROL (TC)

DESIG	LOCATION FS	LOCATION CAD
ARS	115F4	24G0,120B7, F7
BA	133B9,C9	24G0,120B7, F7
DS	132C1,D1	24G0,120B7, F7
DTK	134B4	24G0,120B7, F7
IPA	129D6	24D0,120B7, F7
MRRL	133E1,F1	24G0,120B7, F7
MRST	133C1	24G0,120B7, F7
ONL	2F6	18G3,120F5
OTO	129F6	24D0,120B5, D5
RC-	21B2	17G0,30C/D0, 120F5
RCCK	11F5	17G0,30C/D0, 120F5
RD	132B9	24G0,120B7, F7
RST0-9	101B9	21E0,87H0
RST10-15	101E9	20B/D7,87H0, 95D1
RST16-19	120B1	20B/D7,87H0, 95D1
SP	101C1	24G0,120B7, F7
TO,1,2,4,7	127B6	24G0,30G/B0, 120B5,D5
TBL	113A9,B9	24G0
TCI	21B1	30G/B4,120F5
TCN0-9	101B9	120F5
TCN10-15	101E9	120F5
TCN16-19	102B1	120F5
TM	6G3	24G0,120B7, F7
TNR	113A9,B9	24G0,120B7, F7
TRB	14B2	17G0,30C/D0, 120F5

TRUNK CONTROL (TC)

DESIG	LOCATION FS	LOCATION CAD
TRCA	28A8	17G0,30C/D0, 120F5
TRCB	28A8	30C/D0,120F5
TRCC	28B8	30C/D0,120F5
TRL	133E6,F6	24G0,120B7, F7
TRST	18/B0-B3	17G0,30C/D0, 120F5
TTKL	133B4,C4	24G0,120B7, F7
TV	129C6	24G0,120B7, F7
U0,1,2,4,7	128D4	24G0,30G/B0, 120B5,D5
XOST	109E4	24G0,120B7, F7
XPI	116D1	24D0
XRB	103E6	24G0,120B7, F7
XRLI	130C4	24G0,120B7, F7
XRTL	111B9	24G0,120B7, F7
XTI	122F4	24D0,120B7, F7
XTC	134E1,F1	24G0,120B7, F7
XTL	134E4	24D0,120B7, F7
XTOK	104B6,C6	24G0,120B7, F7
XTP	116D1	24D0,120B7, F7
XUI	116E1	24D0,120B7, F7

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LCO-9		7F0,90F0
LVO,1 LV2-9		15D0,90F0 7F0,90F0

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LVR LVS		15D0,90F0 15D0,90F0

TRUNK LINK AND CONNECTOR (TL&C)

DESIG	LOCATION FS	LOCATION CAD
LV2-9	112E6	

TRUNK LINK CONNECTOR (TLS)

DESIG	LOCATION FS	LOCATION CAD
TRA	10F0	3D3,28A3, 111E0,H5
TSK	127D4	SEE CM, DTM CKT
TST	10E8	28A3,111E0, H5
TSTI		3D3
TTA	10D8	3C3,111E0
TTM	10C8	3C3,111E0

TRUNK TEST (TT)

DESIG	LOCATION FS	LOCATION CAD
AMA	112G0	
FS0-2	105C7	5E/A6
FS3,4	105E7	5E/A6
FS5-7	105F7	5E/A9
FS8,9	105G7	5E/A9
FS10-14	106B0	5E/A9
FS15-19	106B0	5E/A9
FS20,21	106C0	6A/E3
FS22-26	106D0	6A/E3
FS27-29	106D0	6A/E3

TRUNK TEST (TT)

DESIG	LOCATION FS	LOCATION CAD
ROT	119G0	
TS0-3	126C5	5A/E9
TS4	126F5	5A/E9
TS5	126B7	5A/E9
TS6-9	126E7	5A/E9
TS10-12	127B0	5A/E9
TS13,14	127D0	5A/E9
TS15	127E0	5A/E9
TS16-19	127F0	5A/E9

WADS LINE CONCENTRATOR NO. 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
CIA	1F/D0	
CIA1	1F/D4	2A/F3
CIA2		2A/G3
CP1	106C9	11H1
CP2	106C9	11H1
CP4	106C9	11H1
CP8	106C9	11H1
CP16	129C1	11H4
DIS	106G1	11H1
FT0	115C9	
FT1	115D9	
FU0	115D9	
FU1	115F9	
FU2	115F9	
FU4	115G9	
FU7	116B1	
GRP0	116B1	11BA/F9
GRP1	116B1	11BA/F9
LT0	116B1	
LT1	116C1	
LT2	116C1	
LT4	121F6	
LT7	121G6	
LU0	115B6	9H8
LU1	115C6	9H8
LU2	115E6	9H8
LU4	115F6	9H8
LU7	115G6	9H8
ON	2C1	
OP	1F/F0	
OP1	1F/F4	2A/F3
OP2		2A/G3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE 1B

DESIG	LOCATION FS	LOCATION CAD
WADS LINE CONCENTRATOR NO. 2A (WC)		
RSD	106C9	11H1
SD	106G1	11H1
SR	106G1	11H1
STR	300	1B/A4
TER	106G1	11H1
TM5	129C1	11H4
~~TR8~~	12E2	1B/H4
TRB1	12E2	1B/H4
TTO	114B1	9H8
TT1	119D1	9G0
TT4	99D1	9G0
TT7	103E4	15C0
TU0	125F4	15C0
TU1	120B4	15C0
TU2	119B1	15C0
TU4	115H4	15C0
TU7	11586	15C0
WC	130D4	15C0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 65 | ISSUE 98B

BELL LABORATORIES | SD-25605-01- | A03

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 18 (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
1TR	98A0	S7,00F S7,00B
2DT	98E0	S3,02F
2L	117F2	SA3,31B
2LN	98H0	R5,44F
2P	123B3	S2,13F
2TR	98A2	S7,01F S7,01B
2W	98D2, 119G2	AB8,2F, S6,00B
3AM	130F0	SA4,52B
3ANT	130E0	SA4,51B
4DG	98F2	R3,31F R3,31B
4L	117A5	SA3,32B
4W	98A5, 119E2	AB7,2F, S6,01B
4WL	107A2	SA4,30B
4WT	107F0	SA4,24B
5DG	98C5	R3,32F R3,32B
[5I]	103A7	RA7,40F
7DG	108F2	SA3,01B
[7T]	127E2	AB4,11F
11	98D5	S3,10F
A	98F5, 129D7	RA2,44F, SA4,42B
A0,1,2,4,7	98A7	S1,00-04F S1,00-04B
A'0	98D7	S0,00F S0,00B
A'1	98F7	S0,01F S0,01B
A'2	99A0	S0,02F S0,02B
A'4,7	99C0	S0,03,04F
ABX	117D5	SA3,34B
AC	108D2, 115G5	SA3,00B, R4,33B
AC8	99D0	R4,41F
ACD	99D0	R3,50F R3,50B
ACDO	99E0	S8,12F
ACTA	124E5	RA5,03B
ACTB	124F3	RA5,04B
AD	99F0	R3,21F R3,21B
AD'	99C0	R3,23F
AGI	102C5	AB1,11F
AG2	109B0	AB0,11F
AGCK	99G0	RA7,33F
AIOD	125B2	SA7,00B
AIODTO	122E7	SA1,00B
AIODT1,2	123B0	SA1,01,02B
AIS	99G0	R4,54F
AK	99A2	RA2,50F
AL	99B2	R6,12F
ALO	104F7	R6,11B
ALI	99B2	R6,12B
AL2	99G2	R6,13B
AL4	107F5	R6,14B
AL7	103D0	R6,20B
ALN	121C2	S6,23F
ALS	104E7	R6,10B
AMA	112G0	S6,32F
AN	99D2	RA2,22F
ANC	99D3	R2,54F
AOS	106E2	R0,02B
[AOT]	134B2	SA6,14F
ARO	102A2	R6,22B
ARO,1	99E2	S2,30,31F
ARI	104D0	R6,23B
AR2,4,7	102B5	R6,24,30,31B
AR2,4,7	99F2	S2,32-34F
ARET	99F2, 104G0, 127G5	S8,24F, S8,04B, S8,32B
ARS	115E2	R6,21B
ASK	122B5	S3,23B
ASP	133E2	SA6,44B
ATO	112G2	S3,40B
ATQ,1,2,4,7	107A5	R7,00-04B
ATI	112A5	S3,41B
AT2	112C5	S3,42B
ATKT	99G2	S8,03F S8,03B
ATT	104F0	S6,31F
AVG	99G2	R6,13F
AVKI	99A5	SA7,24F
B	129F7	SA4,43B
BQ,1,2,4,7	99C5	S1,10-14F S1,10-14B
B'Q,1,2,4,7	99E5	S0,10-14F S0,10-14B
BA	133B7	SA6,12B
BAR	99F5	RA4,32B
BBFC	112G0	S6,32B
(BE)	120E7	RA7,22B
BIO	124B7	S6,31B
BI1	101E5	S6,40B
BIRA	128B7	SA3,22B
BLO,1,2,4	119C7	RA5,40-43B
BL7	119D7	RA5,44B
[BLT]	120H2	RA4,21F
BN	99G5	RA1,14F
BRO	113D0	RA5,50B
BRQ,1,2,4,7	99G5	S2,40-44F
BR1	101E5	RA5,51B
BR2	114E5	RA5,52B
BR4	121B7	RA5,53B
BR7	121D7	RA5,54B
BRL	99H5	AB5,10F
BSP	133F0	SA6,43B
BT	99B7	SA6,53F
BTQ,1,2,4,7	108C0	R7,10-14B
BW0-29	99D7	R0-8
BW30-59	99E7	RA0-8
BW60-89	99F7	AB0-8
BW90-119	99F7	SA0-8
BWX0,1	99E7	AB0-8
BWX2	99F7	S0-8
BWX3	99G7	AB0-8
BY	99G7, 131E0	RA1,24F, SA5,54B
C0,1,2,4,7	100B0	S1,20-24F S1,20-24B
C'0,1,2,4,7	100D0	S0,20-24F S0,20-24B
CAMA	100F0	S7,41F
CAMF	100G0	S3,33F
CAMS	100H0	S3,34F
(CCO,1,2,4)	106C5	SA4,00-03B
CCO-3	106C5	SA4,00-03B
CC4	106E5	SA4,04B
CC5	106F5	SA4,10B
CC6-9	107C0	SA4,11-14B
(CC7)	106E5	SA4,04B
CCSP	123B3	S2,13B
CDO,1,2	102B7	R1,50-52B
CDO,1,2,4,7	100A2	AB6,5,4,3,2 2F
CD4,7	100C5	R1,53,54B
CD'0,1,2,4,7	100B2	AB6,5,4,3,2, 3F
CDA0,1,2,4	100C2	RA4,40-43F
CDA7	100D2	RA4,44F
CDA'0,1,2,4	100F2	RA4,50-53F
CDA'7	100G2	RA4,54F
CDC0	107D7	S7,20B
CDC1	121C5	S7,21B
CDN	100H2	S2,24F
CE' (CF0-3) (CF4)	100B5 126B5 126E5	AB6,10F RA8,00-03B RA8,04B
CGA	100C5, 118F2	R1,53F, R3,00B
CGB	100C5, 118G2	R1,54F, R3,01B
[CGC]	114A0	R4,34F
CGT	100D5	SA7,54F
CH0	100G5, 114G0	RA5,10F, RA4,03B
CH1	100G5, 127F0	RA5,11F, RA4,04B
CH2	100H5, 112B2	RA5,12F, RA4,10B
CH3	100A7	RA5,13F
CH4	100B7	RA5,14F
CH5	100C7	RA5,20F
CH6	100C7	RA5,21F
CH7	103D7	RA5,22F
CH8	100D7	RA5,23F
CH9	100D7	RA5,24F
CHE	101A0	SA7,12F
CI1	130E7	SA5,32B
CI2	133B2	SA5,30B
CI3	131E2	SA5,23B
CI4	133B0	SA5,22B
CIFA	133D0	SA5,24B
CIK	105A0	S3,21B
CK	101F0, 117C5, 132B0	SA8,20F, SA3,33B, SA6,29B
CKO	101B2	RA2,42F
CKI	132D5 103B7	SA5,03B R2,30F
CK2	132D2	SA5,04B
CK2,3	103C7	R2,31,32F
CK4	132F2	SA5,10B
CK4,5	103E7	R2,33,34F
CK6	103F7	R2,40F
CK7	131C0	SA5,02B
(CKF)	105E2	RA7,20B
CKG	101G0, 108D2, 132B2	SA8,01F, SA3,00B, SA5,01B
CKLQ,1,2,4	100C2	RA4,40-43B
CKL7	100D2	RA4,44B
CKLS	123D5	RA4,33B
CKR	101C2	RA2,43F
CKRO,1,2,4	100F2	RA4,50-53B
CKR7	100G2	RA4,54B
CKRS	123E5	RA4,34B
CLQ,1,2,4,7	116A2	RA6,40-44B
CLI,2,4	101F2	R2,41,42,44F
CL3	101F2	R2,43F
CL5	101G2	R2,50F
CL6	101A5	R2,51F
CL7	101B5	R7,52F
CL8	101C5	R7,53F
CLF	115B7	R4,00B
CLG	101D5	RA7,42F
CLK	123C7	RA7,50F
CLT1,2	101D5	RA7,43,44F
CM	101E5	RA5,51F
CM3	101E5	S6,40F
CMA	101F5	S6,41F
CMB	101G5	S6,42F
CMC	101G5	S6,43F
CMK	125E7	S5,24F
CN	101H5	R6,50F
CNO,1	102D0	R5,10,11F R5,10,11B
CNO-2	102E0	S5,20-22F
CNO-9	101A7	S4,00-04, 10-14F
CN2	102F0	R5,12F R5,12B
CN3	102F0	R5,13F R5,13B
CN5	102G0	S5,23F
CN10-15	101E7	S4,20-24,30F
CN16-19	102A0	S4,31-34F
CNR	102H0	S2,11F
CNS	102A2	R6,22F
CON	102C2	SA7,20F
(CP0-2)	105B7	SA0,00-02B
CP0,2,4	102D2	R2,00,02,03F R2,00,02,03B
CP1,7	102F2	R2,00,04F R2,00,04B
(CP3,4)	105D7	SA0,03,04B
(CP5-7)	105E7	SA0,10-12B
CPTO	110F5	RA4,24B
CR	102G2	S2,03F
CRQ,1,2,4,7	102A5, 116C2	S2,50-54F, RA6,50-54B
CRRO-2	102B5	R6,24,30,31F
CRS	102C5	AB1,11F
CRT	'16D2	RA6,31B
CRUO,1,2,4	102D5	R8,51-54F
CRU7	102E5	R7,54F
CSO-29	102F5	SA2,00-04, 10-14,20-24, 30-34,40-44, 50-54F
(CSTQ,1,2,4)	11B80	S4,40-43B
(CST7)	121E2	S4,44B
(CSU0)	105A2	S4,50B
(CSU1)	105C2	S4,51B
(CSU2)	105D2	S4,52B
(CSU4)	104A5	S4,53B
(CSU7	115A2	S4,54B
CSW	102A7	RA1,50F
CTQ,1,2,4,7	109D7	R7,20-24B
CTO-2	102B7	R1,50-52F
CTO,2,4	102D2	R2,00,02,03B
CT1,7	102F2	R2,00,04B
[CT4,7]	122D7	R2,52,53F
CT'Q,1,2,4,7	100B2	AB6,5,4,3,2, 3F
CTBL	119E5	RA5,31B
[CTI]	113C2	RA4,13F
CTUK	102F7	R6,43F
CUO-2	102F7, 112F7	R0,50-52F R2,10-12B
CU4,7	103A0, 113A0	R0,53,54F R2,13,14B
CU'0-2	112F7	R2,10-12F
CU'4,7	113A0	R2,13,14F
CWF	103C0	S7,14F
CWK	103D0	R6,20F
D	103F0, 130B0	S7,24F, SA4,44B
DO,1,2,4	103G0	S1,30-33F, S1,30-33B
D7	103A2	S1,34F, S1,34B
D'0,1,2,4,7	103C2	S0,30-34F, S0,30-34B
DA	133F2	SA6,50B
DAC	103E2	R4,42F
(DAC)	117B0	RA7,23B
(DACA)	114D0	RA4,00B
(DACB)	114E0	RA4,01B
[DA:]	120D5	RA4,22F
DC	124F2	RA5,00B
DCC	124B5	RA5,01B
DCK	103C0	S7,14F
DCKF	100D7	RA5,24B
DCT	103F2, 113D2	SA7,22F, SA6,54B
DCT1	103A5	SA7,30F
DCT2	103C5	SA7,33F
DCT3	103D5	SA7,31F
DISI	103F5	SA7,34F
DLO	103A7	RA7,40B
DLI	103B7, 114B7	R2,30F, RA7,41B
DL2	101D5	RA7,42B
DL2,3	103C7	R2,31,32F
DL4,5	103E7	R2,33,34F
DL4,7	101D5	RA7,43,44B
DL6	103F7	R2,40F
[DLT]	99F5	RA4,32F
DNC	103F7	R3,52F R3,52B
DNK	104C0	SA5,13B
DR	104D0	R6,23F
DRO	123C7	RA7,50B
DRO-9	104E0	S8,34,40-44, 50-53F S8,34,40-44, 50-53B
(DRQ,1,2,4,7)	104E0	S8,34,40-44, 50-53B
DR1	116F0	RA7,51B
DR2	127E5	RA7,52B
DR4	114C0	RA7,53B
DR7	114C0	RA7,54B
DRAO	125D7	S7,34B
DRA1	120G0	S7,40B
DRA2	100F0	S7,41B
DRA3	104E0	S7,42B
(DRA4)	104E0	S7,42B
DRA4	119E0	S7,43B
DRA5	117D0	S7,44B
DRA6	120B5	S7,50B
DRA7	114D7	S7,51B
(DRA7)	119E0	S7,43B
DRA8	114C7	S7,52B
DRA9	121D2	S7,53B
(DRATO)	121C2	S7,32B
(DRATI)	124B0	S7,33B
DRC	104F0	S6,31F
DRT	104G0	S8,04F
DRTO	121C2	S7,32B
DRT1	124B0	S7,33B
DRT2	109A7	S7,31B
DS	132C0	SA6,32B
DTO,1,2,4,7	104A2	RA0,00-04F RA0,00-04B
[DTF]	104E0	S7,42F
[DTI]	131E2	SA5,23F
DTK	104B2, 134B2	SA8,40F SA6,14B
DTN	134C2	SA6,21B
DTW	11585	R4,24B
DUO,1,2,4,7	104D2	RA0,10-14F RA0,10-14B
DUAL	114C5	RA2,24B
E	130C0	SA4,50B
EO,1,2,4,7	104E2	S1,40-44F S1,40-44B
E'0,1,2,4,7	104F2	S0,40-44F S0,40-44B
EAO	106A2	R0,00B
EA1	106C2	R0,01B
EA2	106E2	R0,02B
EBO,1,2	106E7	R0,10-12B
EB4	107A0	R0,13B
EB7	129D2	R0,14B
ECO-2	124D0	S3,50-52B
ECO,1,2,4	129D2	R0,14,20-23B
EC7	129E2	R0,24B
ECN	104A5	S4,53F
ECT	119B7	RA5,33B
ECTO-2	102F7	R0,50-52B
ECT4,7	103A0	R0,53,54B
ECU0-2	102B7	R1,50-52B
ECU4,7	100C5	R1,53,54B
EDO,1,2,4,7	108A2	R0,30-34B
EEO,1,2,4,7	128D5	R0,40-44B
EF	104C5, 123E0	RA7,31F RA1,22B
EFO-2	102F7	R0,50-52B
EF4,7	103A0	R0,53,54B
EG	104D5	RA2,52F
EN	104D5	RA1,03F
ENCO,1	115D7	R4,01,02B
EOL	133C5	SA6,41B
EOR	100C7	RA5,21B
ERTO	104E5	RA4,31B
ESCK	104E5	AB4,10F
ET	133B5	SA4,54B
ETM	116F2	RA6,32B
ETMO	104F5	RA4,30B
EVG	112A0	RA1,40B
EVN	128B7	SA3,22B
EX1	114E0	RA4,01B
EX2	114F0	RA4,02B
EXT	130G5	SA5,52B
F0,1,2,4,7	104A7	S1,50-54F S1,50-54B
F'0,1,2,4,7	104C7	S0,50-54F S0,50-54B
FAA	104E7	R6,10F
FAB	104F7	R6,11F
FABC	104G7	SA5,11B
FAC	105A0	S3,21F
FACK	131B5	SA5,12B
FAK	105C0	SA8,41F
FBK	105D0	SA8,42F

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | A69

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1B (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
FC	105E0	R3,53F
		R3,53B
FCG	105E0	S7,12F
FCK	105G0	SA8,12F
FGO	105A2	S4,50F
FG1	105C2	S4,51F
FG2	105D2	S4,52F
FG'0	106A2	R0,00F
FG'1	106C2	R0,01F
FG'2	106E2	R0,02F
FK	105E2	RA7,20F
FLG	117D0	S7,44F
FM	105G2	S6,14F
FML	105H2	SA8,21F
FN	108A7	SA3,11B
FNA	105A5, 108C7	RA1,10F, SA3,12B
FNB	105B5, 108E7	RA1,11F, SA3,13B
FRO	105C5	R5,00F R5,00B S5,00F
FR1	105E5,F5	S5,01F, R5,01F R5,01B
FR2	105F5	R5,02F R5,02B
FR3	105H4	S5,02F R5,03B S5,03F
FR4	105A7,H4	R5,04F R5,04B, S5,04F
FR5-9	105B7	S5,10-14F
FS0-2	105B7	SA0,00-02F
FS3,4	105D7	SA0,03,04F
FS5-7	105E7	SA0,10-12F
FS8,9	105F7	SA0,13-14F
FS10-19	106A0	SA0,20-24, 30-34F
FS20,21	106B0	SA0,40,41F
FS22-29	106D0	SA0,42-44, 50-54F
FTO	117G0	RA1,00B
FTO-3	106E0	R1,00-03F R1,00-03B
FT1	116E7	RA1,01B
FT2	125C5	RA1,02B
FT3	104D5	RA1,03B
FT4	116G2	RA1,04B
FT5	105A5	RA1,10B
FT'0	106A2	R0,00F
FT'1	106C2	R0,01F
FT'2	106E2	R0,02F
FT'3	106F2	R0,03F
FTCK	106H2	SA8,13F
FTK1	106A5	SA8,33F
FTT0-3	106C5	SA4,00-03F
FTT4	106E5	SA4,04F
FTT5	106F5	SA4,10F

DESIG	LOCATION FS	LOCATION CARD
FU0	105B5	RA1,11B
FU0,1,2,4,7	106A7	R1,04,10-13F
FU1	1128O	RA1,12B
FU2	125G0	RA1,13B
FU3	99G5	RA1,14B
FU4	118D0	RA1,20B
FU'0	106D7	R0,04F
FU'1,2,4	106E7	R0,10-12F
FU'7	107A0	R0,13F
FUTO,1,2,3,4	107C0	SA4,11-14F
FUT4/7	107D0	SA4,20F
FUT5-7	107E0	SA4,21-23F
FUT8	107F0	SA4,24F
FUT9	107A2	SA4,30F
FVD (FWR)	107C2 99E0	S3,03F S8,12B
G	108C5	SA3,03B
GO	100G5	RA5,10B
GO,1,2,4,7	107F2	R8,00-04F R8,00-04B
GO-2	105B7	SA0,00-02B
G3,4	105D7	SA0,03,04B
G5-7	105E7	SA0,10-12B
G8,9	105F7	SA0,13,14B
G10-19	106A0	SA0,20-24, 30-34B
G'0,1,2,4,7	107A5	R7,00-04F
GA	106B0	SA0,40B
GB	106B0	SA0,41B
GC	132B2	SA5,01B
GLA	107C5	RA2,21F
GLB	107D5	RA2,30F
GLH	107D5	SA7,14F
GPA	99G2	R6,.3F
GPB	107F5	R6,14F
GS1-4	107H5	R6,00-03F
GS5	107A7	R6,04F
GT2	107B7	SA7,21F
GT5	107D7	S7,20F
GTL	107E7	SA8,10F
H0,1,2,4	107F7	R8,10-13F R8,10-13B
H7	108A0	R8,14F R8,14B
H'0,1	129B0	R1,14,20B
H'0,1,2,4,7	108C0	R7,10-14F
H'2	129D0	R1,21B
H'4,7	129F0	R1,22,23B

DESIG	LOCATION FS	LOCATION CARD
HDA	110D0	RA6,10B
HDB	110E0	RA6,12B
HDK	133F0	SA6,43B
HF	108D0	R5,52F
HGO,1,2,4,7	108F0	R1,30-34F R1,30-34B
HG'0,1,2,4,7	108A2	R0,30-34F
HGK	108C2	SA8,50F
HGT0	108D2	SA3,00F
HGT1	108F2	SA3,01F
HGT2	108A5	SA3,02F
HGT3	108C5	SA3,03F
HGT4	108E5	SA3,04F
HGT5	108F5	SA3,10F
HGT6	108A7	SA3,11F
HGT7	108C7	SA3,12F
HGT8	108E2	SA3,13F
HGT9	108F7	SA3,14F
HMS	109B0	AB0,11F
HMS1	108C5, 109B0	SA3,03B, SA7,03F
(HNO,1,2,4,7) HNO-4	109D0	RA3,20-24B
	109D0	RA3,20-24F
HN5-9	109F0	RA3,20-24B RA3,30-34F RA3,30-34B
HR	131G2	SA6,51B
HR1	129B7	SA4,40B
HTO,1,2,4,7	109C2, 109D2	S5,30-34F, RA0,20-24F RA0,20-24B RA0,30-34F
HT'0,1	99E2	S2,30,31F
HT'2,4,7	99F2	S2,32-34F
HTK1	109D2	SA8,32F
HTR	109F2	SA7,02F
HTUK	109G2	RA2,32F
HUO,1,2,4,7	109H2	RA0,30-34F RA0,30-34B
IC (IDO) (ID1) (ID2) (ID4) (ID7)	133G2 111A2 111C2 111E2 111F2 111A5	SA5,20B RA7,10B RA7,11B RA7,12B RA7,13B RA7,14B
IE	128C7	SA3,23B
IFK	109B5	S6,24F
INC	109C5	S3,22F
IOD	106C2	R0,01B
IPA	129D5	SA4,33B
IRT	109F5	S7,11F
IRY	133F5	SA5,31B

DESIG	LOCATION FS	LOCATION CARD
ITCO	118F2	R3,00F
ITC1	118G2	R3,01F
ITC2	118A6	R3,02F
ITC3	118B5	R3,03F
ITC4	118C5	R3,04F
ITC5	118D5	R3,10F
ITC6	118E5	R3,11F
ITC7	118F5	R3,12F
ITC8	118G5	R3,13F
ITC9	118A7	R3,14F
ITR	108F5, 109A7	SA3,10B S7,31F
ITTR	133D2	SA5,44B
JO,1,2,4,7	109C7	R8,20-24F R8,20-24B
J'0,1,2,4,7	109D7	R7,20-24F
JCO	109F7	RA6,00F
JC1	109G7	RA6,01F
JC2	110A0	RA6,02F
JC3	110B0	RA6,03F
JC4	110C0	RA6,04F
JC5	110D0	RA6,10F
JC6	110E0	RA6,11F
JC7	110E0	RA6,12F
JC8	110F0	RA6,13F
JC9	110G0	RA6,14F
JCK	110B2	SA8,53F
JGO	110C2	RA6,20F
JG1	110D2	RA6,21F
JG2	110E2	RA6,22F
JG3,4	110F2	RA6,23,24F
JXPA	110B2	SA7,10F
JXP1	101A0	SA7,12F
KO,1,2,4,7	110C5	R8,30-34F R8,30-34B
K'0,1,2,4,7	110E5	R7,30-34F
KM	110F5	RA4,24F

DESIG	LOCATION FS	LOCATION CARD
LO,1,2,4	110G5	R8,40-43F R8,40-43B
L7	110A7	R8,44F R8,44B
L'0,1,2,4,7 L5D	110C7 118C0 :	R7,40-44F R3,30F R3,30B
LB	110D7	S6,13F
LC	134B5	SA6,31B
LCO	110E7	RA7,00F
LC1	111A0	RA7,01F
LC2	111C0	RA7,02F
LC3	111E0	RA7,03F
LC4	111F0	RA7,04F
LC5	111A2	RA7,10F
LC6	111C2	RA7,11F
LC7	111E2	RA7,12F
LC8	111F2	RA7,13F
LC9	111A5	RA7,14F
LCDO-2	111C5	R3,42-44F R3,42-44B
LCH	111D5	RA1,32F
LCK	111D5	SA8,43F
LCP	131E2	SA5,23B
LCPT	119G5	RA5,32B
LDN	111F5	RA4,11F
LDT	111F5	S7,04F
LFK	111A7	SA8,34F
LFK1	111C7	RA7,21F
LH	111E7	R3,24F
LI	112A0	RA1,40F
(LIO)	134D0	SA5,34F
(LI1)	134G0	SA5,40F
LIN	112B0	RA1,12F
LIT	112C0	S8,23F
LK	112C0	SA8,52F
LK1	112D0	SA7,32F
LLO	124F2	RA5,00F RA5,00B
LL1	124B5	RA5,01F RA5,01B
LL2	124D5	RA5,02F RA5,02B
LL4	124E5	RA5,03F RA5,03B
LL7	124F3	RA5,04F RA5,04B
LLCK	112G0	S6,32F
LLP	112B2	RA4,10F
LOO	121C2	S6,23B
LOI	113F0	S7,23B
LOLD	112D2	AB8,10F
LOLL	112D2	AB7,10F
LPI	127F0	RA4,04F
LR	112E2	S7,13F
LRA	109B5	S6,24F
(LRI)	104G7	SA5,11F
LST	111E7	R3,24F R3,24B

DESIG	LOCATION FS	LOCATION CARD
LT	120E5	S3,00F
LT1	112G2	S3,40F
LT2	112A5	S3,41F
LT3	112C5	S3,42F
LTR	112D5	SA7,04F
LVO,1	112E5	RA8,53,54F
LV2-9	112E5	RA8,40-44, 50-52F
LVF	112F5	S8,13F S8,13B
LVM	1.2F5	S8,14F S8,14B
LVR	112G5	AB8,3F
LVS	112H5	AB7,3F
LXPA	112D5	SA7,04F
LXP1	112A7	SA7,13F
M	112C7	S8,11F
MO,1,2,4	100C2, 102D5	RA4,40-43F, R8,51-54B
M7	100D2, 113D7	RA4,44F, R8,50F R8,50B
M'0,1,2,4	100F2	RA4,50-53F
M'7	100G2, 113F7	RA4,54F R7,50F
M11	112D7	R7,51F
MAK1	112E7	SA8,22F
MAN	123F2	S2,12F
MB	12B3	
MBO-2	112F7	R2,10-12F R2,10-12B
MB4,7	113A0	R2,13,14F R2,13,14B
MBIO,1,2,4,7	109C2	S5,30-34B
MBK	117C7	SA3,53B
MCS	113D0	RA5,50F
ME	129D7	SA4,42B
MET	99B7	SA6,53B
MF	113D0	S7,30F
MG	109F2	SA7,02B
MIR	113E0	S8,21F
MKR	113E0	S8,30F
MLF	113F0	S7,23F
MLV	99E0	S8,12F
MO	118D2	SA7,01B
MOR	113C2	S8,20F
MOS	121B7	S8,22F
MPT	99G0	R4,54F
MRI	113C2	RA4,13F
MRL	113D2	SA6,54F
MRRL	133D0	SA5,24B
MRST	133B0	SA5,22B

DESIG	LOCATION FS	LOCATION CARD
MTO	118B5	R3,03B
MTO,1,2,4,7	113F2	RA0,40-44F RA0,40-44B
MT1	118C5	R3,04B
MTFT	133B5	SA4,54B
MTK	108F7, 128E5	SA3,14B, SA3,20B
MTPT	119B2	S8,02F S8,02B
MTR	127B9	S8, 33B
MTRA	117A0	RA4,12B
MTRB	113C2	RA4,13B
MTRS	127B7	S8, 31B
MTTR	129F7	SA4,43B
MUO	118D5	R3,10B
MUO,1,2,4,7	113G5	RA0,50-54F RA0,50-54B
MU1	118E5	R3,11B
MU2	118F5	R3,12B
MU4	118F5	R3,13B
MU7	118A7	R3,14B
MXT	113A7	SA6,34F
(NO,1,2,4) (N7)	107H5	R6,00-03B
N7	107A7	R6,04B
N'7	113D7	R8,50F R7,50F
NAC [NC]	113F7	R7,50F
NDI	114A0	R4,34B
NDK	128B0	R3,34F
NE	114C0	RA7,53F
NGCTO	114C0	RA7,54F
NGCT1	114D0	SA8,03F
NGCT2	114E0	RA4,00F
NGCT3	114F0	RA4,01F
NGCUO,1	114G0	RA4,02F
NGCU2	114A2	RA4,03F
NGCU3,4	114D2	RA3,00,01F
NGCU5-9	114F2	RA3,02F
NGK	114A5	RA3,03,04F
NGK1	114C5	RA3,10-14F
NH	107D5	RA2,24F
NID	106A2	RA2,30F
(NID)	121F2	R5,53F
NLOO	109B5	R0,00B
NLO1	103F0	R5,54F
		S6,24B
		S7,24B

DESIG	LOCATION FS	LOCATION CARD
NMBO	104F0	S6,31B
NMB1	109A7	S7,31B
NMF	111F5	S7,04B
NMK	108C7	SA3,12B
NMR	114E5	RA5,52F
NN	114F5	R5,51F
NOB	114G5	S2,22F S2,22B
NOB'	114A7	R3,41F
NOC	114B7	RA7,41F
NR	114C7	RA2,54F
NRDO	117F2	SA3,31B
NRD1	117A5	SA3,32B
NS	113D2	SA6,54B
NSI	114C7	S7,52F
NSO	114D7	S7,51F
NSP	114D7, 125B7	S3,43F, S2,14B
NT	114D7	R5,50F
NTB	115F2	S3,20B
NTT	114F7	R4,53F
OA	115A0, 115C0	S3,11F, RA2,20F
OAO,1,2,4,7	107A5	R7,00-04B
(OA0,1,2,4,7)	109C2	S5,30-34B
OARO	103B7	R2,30B
OAR1,2	103C7	R2,31,32B
OB	115D0, 115E0	S3,12F, RA2,21F
OBO,1,2,4,7	108C0	R7,10-14B
(OBO,1,2,4,7)	127B5	S5,40-44B
OBS	115F0	S2,21F S2,21B
OBS'	115G0	R3,40F
OBS1	125B7	S2,14F
OBS2	125E5	S2,20F
OC	118D2	SA7,01B
OCO,1,2,4,7, (OCO,1,2,4,7)	109D7 128D2	R7,20-24B S5,50-54B
OCN	115A2	S4,54F
OD	115B2	R3,20F R3,20B
OD'	115D2	R3,22F
ODO,1,2,4,7	110E5	R7,30-34B
ODD	128G5	SA3,21B

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1B (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
DE0,1,2,4,7	110C7	R7,40-44B
OF	123F0, 132D7	RA1,21B SA5,50B
OF0	113F7	R7,50B
OF1	112D7	R7,51B
OF2	101B5	R7,52B
OF4	101C5	R7,53B
OF7	102E5	R7,54B
OFF0-3	126B5	RA8,00-03B
OFF4	126F5	RA8,04B
OFF5	126B7	RA8,10B
OFF6-9	126D7	RA8,11-14B
OFF'0-2	102B7	R1,50-52B
OFF'4,7	100C5	R1,53,54B
OFH	115D2	RA1,30F
OFT0-2	127B0	RA8,20-22B
OG0,1,2,4	107H5	R6,00-03B
OG7	107A7	R6,04B
OIK	108A7	SA3,11B
OINO,1,2,4,7	102A5	S2,50-54B
OIT0,1	127D0	RA8,23,24B
OIT2	127E0	RA8,30B
ON	110G0	RA6,14B
OOL	134C5	SA6,42B
OPI	131F0	SA6,02B
OPR	115E2	R6,21F
OR	115F2	S3,20F
ORC0	114D7	R5,50F R5,50B
ORC1	114F5	R5,51F R5,51B
ORC2	108D0	R5,52F R5,52B
ORC'0	119B0	R4,50F
ORC'1	115G2	R4,51F
ORC'2	115A5	R4,52F
ORK	118G0	SA8,24F
ORT0,1	99E2	S2,30,31B
ORU0,1,2,4,7	99G5	S2,40-44B
OS0	115B5	R4,24F
OS1	115C5	R4,30F
OS2	115D5	R4,31F
OS3	115F5	R4,32F
OS4	115G5	R4,33F
OSE	115A7	SA7,40F
OSG0	115B7	R4,00F
OSG1,2	115D7	R4,01,02F
OSG3,4	115E7	R4,03,04F
OSG5	115F7	R4,10F
~~OSG6-9~~	~~11560~~	R4,11-14F
OSG10,11	11680	R4,20,21F
OSK	116D0	SA7,41F
OST2	116E0	SA7,43F

DESIG	LOCATION FS	LOCATION CARD
(OT)	111C7	RA7,21B
OTO	129F5	SA4,34B
OTK	117A7	SA3,51B
OTT	116F0	RA7,51F
OV	116F0	RA1,23F
OVG	120B0	RA1,34B
P	133C7	SA6,13B
P0-4	116A2	RA6,40-44F
P1	132B5	SA6,30B
P2L	108F7	SA3,14B
P4L	128E5	SA3,20B
P5	130B7	SA5,33B
P5-9	116C2	RA6,50-54F
P5L	128G5	SA3,21B
PA	116D2	RA6,31F
PAK	131D7	SA6,23B
PAN	116F2	RA4,14F
PB	116F2	RA6,32F
PBN	116G2	RA1,04F
PBX	99D2	R2,54F
PBX1	116A5	RA2,40F
PC	116B5	RA6,33F
PCD	116C5	S3,31F
PCD1	116E5	S3,32F
PCK	122D5	S6,50F
PCR	116F5	S3,30F
PD	116H5	S2,01F
PE	116A7	RA6,34F
PERF0-2	116B7	RA1,52-54F RA1,52-54B
PHC	116C7	S3,13F
PK	116D7	S2,6-F
PKA	110E0	RA6,11B
PKB	110F0	RA6,13B
PN	116E7	RA1,01F
PNR	116F7	RA6,30F
POTS	117A0, 121F5	RA4,12F, R4,23B
PPSP	123F2	S2,12B
PR	117B0	RA7,23F
PRCY	119C5	S6,22F
PRE	131F5	SA6,11B
PRL	117E2, 122E5	SA3,30B, S6,51F
PRLK	108E7	SA3,13B
PRR	117D0	S7,44F
PRT	99F2	S8,24F
PS	117E0	S2,00F
PSI	117F0	AB3,22F
PSR	10007, 117F0	RA5,23B, S7,22F

DESIG	LOCATION FS	LOCATION CARD
PT	131B7	SA6,22B
PTI	13480	SA6,20B
PTK	117G0	RA2,34F
PTN	117G0	RA1,00F
PTR	12287	S6,53F
PTS	131C2	SA6,40B
PUL	117H0	RA1,31F
RA	117A2	S6,21F
RA0-3	119C2	S6,03,04,10,11F
RA1	110E7	RA7,00B
RA2	111F0	RA7,04B
RA3	111F2	RA7,13B
RA4	119D2, 120E7	S6,12F, RA7,22B
RA5	104C5	RA7,31B
RB	134F5	SA5,53B
RB1	111A0	RA7,01B
RB2	111A2	RA7,10B
RB3	111A5	RA7,14B
RB4	11780	RA7,23B
RC1	111C0	RA7,02B
RC2	111C2	RA7,11B
RC3	105E2	RA7,20B
RC4	127D5	RA7,24B
RCD0	128D7	SA3,24B
RCD1	117E2	SA3,30B
RCK2	117D2	RA1,43F
RCK3	117D2	RA1,44F
RCT1	117E2	SA3,30F
RCT2	117F2	SA3,31F
RCT3	117A5	SA3,32F
RCT4	117C5	SA3,33F
RCT5	117D5	SA3,34F
RCT6	117D5	SA3,40F
RCT7	117E5	SA3,41F
RCT8	117E5	SA3,42F
RCT9	117F5	SA3,43F
RCT10	117G5	SA3,44F
RCT11	117G5	SA3,50F
RCT12	117A7	SA3,51F
RCT13	117B7	SA3,52F
RCT14	117C7	SA3,53F
RCT15	117C7	SA3,54F
RCY	117D7	S6,20F
RD	132B7	SA6,33B
RD1	111E0	RA7,03B
RD2	111E2	RA7,12B
RD3	111C7	RA7,21B
RD4	117F7	RA7,30B
[RDR]	104F5	RA4,30F
[RDS]	104E5	RA4,31F

DESIG	LOCATION FS	LOCATION CARD
REO	121B5	S6,30B
RE1	113D0	S7,30B
REC	127G5	S8,32B
RF	117F7	RA7,30F
RGO	116F5	S3,30B
RGO-9	101A7	S4,00-04, 10-14F
RG1	116C5	S3,31B
RG2	116E5	S3,32B
RG4	100G0	S3,33B
RG7	100H0	S3,34B
RG10-15	101E7	S4,20-24,30F
RG16-19	102A0	S4,31-34F
RG20-23	118B0	S4,40-43F
RGK	108A5	SA3,02B
RH	118C0	R3,30F
RI	118D0	RA1,20F
[RIK]	133C7	SA6,13F
RIP	118D0	RA4,20F
RK	109C5, 118E0, 121E7	S3,22B, SA8,51F, SA5,14B
RK1	118G0	SA8,24F
RK2	119A2	SA8,30F
RK3	108A5, 118B2	SA3,02B SA8,44F
RL	112E2, 118D2, 133E2	S7,13B, SA7,01F SA6,44B
RL1	103C0, 133F2	S7,14B, SA6,50B
RL1,2	110F2	RA6,23,24B
RL2	131G2	SA6,51B
RLK	110E2, 122G5	RA6,22B, S6,52F
RLR	13400	SA5,34B
RN	125B2	SA7,00B
RNO	118F2	R3,00F
RNO-2	118B7	R2,20-22F R2,20-22B
RN1	118G2	R3,01F
RN2	118A6	R3,02F
RN3	118B5	R3,03F
RN4	118C5	R3,04F
RN4,7	118C7	R2,23,24F R2,23,24B
RN5	118D5	R3,10F
RN6	118E5	R3,11F
RN7	118F5	R3,12F
RN8	118G5	R3,13F
RN9	118A7	R3,14F
RNG	118E7	RA2,53F
RNK	118E7	SA7,50F
RNTO	115B2	R3,20F R3,20B
RNT1	99F0	R3,21F R3,21B
RNT2	117E0, 118F7	S2,00B, SA7,44F
RNT20	119C0	A80,2F
RNT'0	115D2	R3,22F
RNT'1	99G0	R3,23F
RNT'2	11980	R4,50F

DESIG	LOCATION FS	LOCATION CARD
RO	119C0	S3,44F
RO'	119D0	R4,40F
ROA	119E0	S7,43F
ROP	128D7	SA3,24B
ROP1	117E5	SA3,42B
ROS	12A5	
ROTL	11982	S8,02F
RP	11982	R6,53F
RPO-3	119C2	S6,03,04,10,11F
RP4	119D2	S6,12F
RPAB	119E2	S6,01F
RPB	119G2	S6,00F
RPK	119B5	R6,54F
RPSA	119B5	S6,02F
RPT	107A2	SA4,30B
RR	119C5	S6,22F
RS0	119D5	RA5,30F
RS1	100B7, 119E5	RA5,14B RA5,31F
RS2	100C7, 119G5	RA5,20B RA5,32F
RS3	119B7	RA5,33F
RS4	119C7	RA5,34F
RS5-8	119C7	RA5,40-43F
RS9	119D7	RA5,44F
RSC	119E7	SA7,23F
RSG1	117F5	SA3,43B
RSG2	117G5	SA3,44B
RSG3	117G5	SA3,50B
RSK	120B0	RA1,34F
RSTO-9	101A7	S4,00-04, 10-14B
RST10-15	101E7	S4,20-24,30B
RST16-19	102A0	S4,31-34B
RST20	120E5	S3,00B
RST21	127G2	S3,01B
RST22	98E0	S3,02B
RST23	107C2	S3,03B
RST24	130B5	S3,04B
RST25	98D5	S3,10B
RST26	115A0	S3,11B
RST27	115D0	S3,12B
RST28	116C7	S3,13B
RST29	124D7	S3,14B
RST-EMG	105C5	S5,00B
(RT)	112C7	S8,11B
RT	130F0	SA4,52B
(RTO,1)	114A2	RA3,00,01B
RTO-4	120C0	R6,33,34, 40-42F
RTE0,1,2,4 (RTK)	106C5 125E2	SA4,00-03F R4,43B
RTRS	130C0	SA4,50B
RTST	132F0	SA4,53B
RV	120G0	S7,40F
RV1	120B2	R4,44F
[RYK]	104C0	SA5,13F

DESIG	LOCATION FS	LOCATION CARD
(SO)	115C0	RA2,20B
SO-8	20D1,E1 120C2	R5,14,20-24, 30-32F R5,14,20-24, 30-32B
(S1)	115E0	RA2,21B
(S2)	99D2	RA2,22B
(S3)	107C5	RA2,23B
(S4)	114C5	RA2,24B
S9-14	120C2	R5,33,34, 40-43F R5,33,34, 40-43B
SA	116F2	RA4,14B
SAF	120E2	RA2,51F
SB	11800	RA4,20B
SC	120F2	R3,33F R3,33B
SCB	120B5	S7,50F
SCH	115D5	R4,31B
SCK	120B5	S2,10F
SCN	120C5	S2,04F
SD	120D5, 122C5	RA4,22B, S6,44F
SDG	120E5	S3,00F
SDT	120B7	S7,03F
SEF	120D7	RA7,32F
SF	120E7	RA7,22F
SKO	11980	R4,50B
SKI	115G2	R4,51B
SKP	11205	SA7,04B
SL	121C0	SA7,11F
SLCK	121D0	RA2,41F
SLK1	121E0	SA7,51F
SLK2	121F0	SA7,52F
SLU	117C7	SA3,54B
SM	100G5	RA5,11B
SNC	115F5	R4,32B
SNG	107C5	RA2,23F RA2,23B
SNK	121B2	SA8,14F
SNR	121C2	S6,23F
SOG	108E5, 121C2	SA3,04B, S7,32F
SON	121D2	S7,53F
SP	101A0, 116B5, 130E0	SA7,12B, RA6,33B, SA4,51B
SPA	~~11980~~	SA7,03B
SPC	121E2, 125E5	S4,44F S2,20B
SPC0	118F2	R3,00F
SPC1	118G2	R3,01F
SPC2	118A6	R3,02F
SPC3	118B5	R3,03F
SPC4	118C5	R3,04F
SPC5	118D5	R3,10F
SPC6	118E5	R3,11F
SPC7	118F5	R3,12F
SPC8	118G5	R3,13F
SPC9	118A7	R3,14F

DESIG	LOCATION FS	LOCATION CARD
SPL	121F2	R5,54F R5,54B
SPTO	107D5	RA2,30B
SPT1	128F0	RA2,31B
SPU0	116A5	RA2,40B
SPU1	121D0	RA2,41B
SPU2	10182	RA2,42B
SPU4	101C2	RA2,43B
SPU7	98F5	RA2,44B
SQ1	121B5	S6,30F
SQA	121C5	S7,21F
SR1	121D5	AB2,10F
SR2	124C7	AB1,10F
SR3	124D7	AB0,10F
SRK	121D5	RA1,42F
SRT	10460	S8,04F
SSA	121E5	R4,22F
SSB	121F5	R4,23F
SSTI	121B7	S8,22F
STP1	121B7	
STP2	121D7	RA5,54F
STR	3B8	
STRA	3F8	
SW	110C2	RA6,20B
SW0	106D7	R0,04F
SW0,1,2,4,7	108F0	R1,30-34B
SW1	110D2	RA6,21B
SW1,2,4	106E7	R0,10-12F
SW7	107A0	R0,13F
SWT0	106A2	R0,00F
SWT1	106C2	R0,01F
SWT2	106E2	R0,02F
SXT	121E7	SA5,14F
SY	99B7	SA6,53B
T0,1,2,4,7	127B5	S5,40-44B
(T0,1,2,4,7)	122D0	RA3,50-54B
T0-4	122D0	RA3,40-44F RA3,40-44B
T4L	108F5	SA3,10B
T5-9	122B2	RA3,50-54F RA3,50-54B
T5L	108E5	SA3,04B
T'0,1,2,4,7	108F0	R1,30-34B
TA	122E2	SA7,42F
(TA0)	109F7	RA6,00B
(TA1)	109G7	RA6,01B
(TA2)	110A0	RA6,02B
(TA4)	110B0	RA6,03B
(TA7)	110C0	RA6,04B
TAN	122B5	S3,23F
TAN0	122C5	S6,44F
TAN1	122D5	S6,50F
TAN2	122E5	S6,51F
TAN3	122G5	S6,52F
TAN4	122B7	S6,53F
TAN5	122C7	S6,54F
TAR0	101G2	R2,50B
TAR1	101A5	R2,51B
TAR2,3	122D7	R2,52,53B
T80	122E7	SA1,00F
(T80)	110D0	RA6,10B
(T81)	110E0	RA6,11B
T81,2	123B0	SA1,01,02F
(T82)	110E0	RA6,12B
T83,4	123B0	SA1,03,04F
(T84)	110F0	RA6,13B
T85	123C0	SA1,10F
T86,7	123D0	AB1,0,3F
(T87)	110G0	RA6,14B
T88,9	123E0	AB8,7,11F
T8H	123E0	RA1,22F
T8I	123F0	RA1,21F
T8K	108F2	SA3,01B
	123G0	SA8,23F
T8L	113A7	SA6,34B
T8S0,1	123B2	SA1,51,52F
T8S2,3	123B2	SA1,53,54F
T8Y	130D5	SA5,51B
TC	99G0, 117E5, 123E2	R4,54B SA3,41B R6,44F
(TC0)	110E7	RA7,00B
(TC1)	111A0	RA7,01B
TC1	123E2	SA8,02F
(TC2)	111C0	RA7,02B
(TC4)	111E0	RA7,03B
(TC7)	111F0	RA7,04B
(TCA)	105E5	S5,01B
TCA	123F2	S2,12F
(TCB)	105F5	S5,02B
TCB	123B3	S2,13F
TCGA	123D5	RA4,33F
TCGB	123E5	RA4,34F
TCH	123F5	RA1,31F
TCHK	123B7	SA8,54F
TCK	123C7	RA7,50F
TCK1	123C7	RA1,41F

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1B (SEE NOTE 1303)

DESIG	LOCATION FS	LOCATION CARD
TEA	130C7	SA6,00B
TEN	132F0	SA4,53B
TER	12480	S7,33F
TFO-2	124D0	S3,50-52F
TF4,7	124E0	S3,53-54F
TF'0	106D7	R0,04F
TF'1,2,4	106E7	R0,10-12F
TF'7	107A0	R0,13F
TFT0,1,2	106E7	R0,10-12B
TFU0,1,2,4	129D2	R0,20-23B
TFU7	129E2	R0,24B
TG0,1	124G0	SA1,11,12F
TG2-4	124B2	SA1,13,14,20F
TG5	124C2	SA1,21F
TG6-9	124D2	SA1,22-24,30F
TG10-14	124D2	SA1,31-34,40F
TG15-19	124E2	SA1,41-44,50F
TGR	13180	SA6,01B
TGT	109F5	S7,11F
TH0	124F2	RA5,00F
TH0,1	114A2	RA3,00,01B
TH1	124B5	RA5,01F
TH2	114D2, 124D5	RA3,02B RA5,02F
TH3	124E5	RA5,03F
TH3,4	114F2	RA3,03,04B
TH4	124F3	RA5,04F
(TH4,7)	114F2	A3,03,04B
TH5-9	114A5	RA3,10-14B
TH'0	124B7	S6,33F
TH'0,1,2,4,7	106A7	R1,04,10-13B
TH'1	124B7	S6,34F
TH'2	124C7	AB1,10F
TH'3	124D7	AB0,10F
THC	124D7	S3,14F
TI	12500	S8,00F
[TIAO-3]	119C2	S8,00B S6,03,04,10, 11B
TIN	125G0	RA1,13F
[TIR]	13182	SA7,53F
TK	121E7, 125B2	SA5,14B SA7,00F
TKT	125C2	S8,10F S8,10B
TLR0-29	102F5	SA2,00-04, 10-14,20-24, 30-34,40-44, 50-54B
TLR30,31	123B2	SA1,53,54B
TLT	125E2	R4,43F
TLV	99E0	S8,12B
TM	125F2, 131C5	SA8,00F SA5,00B
TM1	130E2	S7,02B
TM2	12087	S7,03B
TM2T	130E2	S7,02B
TM3T	12087	S7,03B
TMG	127B9	S8,33B
TN	125C5	RA1,02F
TNK	125D5, 134C5	RA2,33F SA6,42B
TNR	113A7	SA6,34B
TNT0,1,2,4,7	108A2	R0,30-34B
TNU0,1,2,4,7	128D5	R0,40-44B

DESIG	LOCATION FS	LOCATION CARD
TOB	125E5	S2,20F
TOBS	125B7	S2,14F
TOG	125D7	S7,34F
TOK	125E7, 131D5	S5,24F, SA5,21B
TOL	126B0	S3,24F
TP	126D0	R6,51F
TP'	126E0	R6,52F
TP0	119D5	RA5,30F
TP1	119E5	RA5,31F
TP2	119G5	RA5,32F
TP3	119B7	RA5,33F
TP4	119C7	RA5,34F
TPT	107F0	SA4,24B
TR	109F5	S7,11B
TRA	11080	RA6,03B
TRA2	110C0	RA6,04B
TRE	109F7	RA6,00B
TRF	12185	S6,30F
TRIT	105E0	S7,12B
TRL	126B2	SA6,52F
		SA6,52B
	133C5	SA6,41B
TRMF	126B0	S3,24B
TRN	126D2	SA8,4F
TRS	126E2	S7,10F S7,10B
TRSA	109G7	RA6,01B
TRSB	110A0	RA6,02B
TRT0,1,2,4	11880	S4,40-43B
TRT7	121E2	S4,44B
TRU0	105A2	S4,50B
TRU1	105C2	S4,51B
TRU2	105D2	S4,52B
TRU4	104A5	S4,53B
TRU7	115A2	S4,54B
TS	124B7	S6,33B
TS0-3	126D5	RA8,00-03F
TS4	126E5	RA8,04F
TS5	126B7	RA8,10F
TS6-9	126D7	RA8,11-14F
TS10-12	12780	RA8,20-22F
TS13,14	12700	RA8,23,24,
TS15	127E0	RA8,30F
TS16-19	127F0	RA8,31-34F
TSA (TSC0-9)	127F0 101A7	RA4,04F S4,00-04, 10-14B
TSE	127B2	SA8,11F
TSQ0	11400	RA4,00F
TSQ1	114E0	RA4,01F
TSQ2	114F0	RA4,02F
TSQ4	11460	RA4,03F
TSQ7	127E2	AB4,11F
TSR	122E2	SA7,42F
[TST]	112F5	S8,13B
TST	11400, 127F2, 13080	RA4,00B, S8,01F SA4,44B
TST1	12405	RA5,02B

DESIG	LOCATION FS	LOCATION CARD
TT	127G2	S3,01F
(TT0)	11480	R4,34B
TT0,1,2,4,7	127B5	S5,40-44F
TT'0,1,2,47	99G5	S2,40-44F
TTF	127D5	RA7,24F
TTG0,1	123B2	SA1,51,52F
TTK	117B7, 127E5	SA3,52B, RA7,52F
TTKL	133B2	SA5,30B
TTR	127F5	R6,32F R6,32B
TTT	119B5	S6,02B
TV	127B7, 129C5	S8,31B, SA4,32B
TVT	128B0	R3,34F R3,34B
TWT	103D0	R6,20F
U0,1,2,4,7	128D2	S5,50-54B
U0-4	128C0	RA2,00-04F RA2,00-04B
U5-9	128E0	RA2,10-14F RA2,10-14B
U'0	128F2	R1,40B
U'1,2,4,7	128B5	R1,41-44B
UK	128F0	RA2,31F
UT0,1,2,4,7	128D2	S5,50-54F
UT'0,1,2,4,7	102A5	S2,50-54F
VF0	128F2	R1,40F R1,40B
VF1-4	128B5	R1,41-44F R1,41-44B
VF'0-4	128D5	R0,40-44F
VFT0	128E5	SA3,20F
VFT1	128G5	SA3,21F
VFT2	128B7	SA3,22F
VFT3	128C7	SA3,23F
VFT4	128D7	SA3,24F
VG0	116F0	RA1,23B
VG0,1	129B0	R1,14,20F, R1,14,20B
VG1	99G7	RA1,24B,
VG2	115D2, 129D0	RA1,30B, R1,21F
VG3	117H0	R1,21B RA1,31B
VG4	111D5	RA1,32B
VG4,7	129F0	R1,22,23F R1,22,23B
VG5	123F5	RA1,31B
VG10	129B2	R1,24F R1,24B

DESIG	LOCATION FS	LOCATION CARD
VG'0,1,2,4,7	129D2	R0,14,20-23F
VG'10	129E2	R0,24F
VGT0	129B5	SA4,31F
VGT1	129C5	SA4,32F
VGT2	129D5	SA4,33F
VGT3	129F5	SA4,34F
VGT4	129B7	SA4,40F
VGT5	129C7	SA4,41F
VGT6	129D7	SA4,42F
VGT7	129F7	SA4,43F
VGT8	13080	SA4,44F
VGT9	130C0	SA4,50F
VGT10	130E0	SA4,51F
VGT11	130F0	SA4,52F
VTC	117D5, 130B2	SA3,40B, R3,51F R3,51B
VTK1	130B2	SA8,31F
VU0-2	118B7	R2,20-22F
VU4,7	118C7	R2,23,24F
W	115C5	R4,30B
WC	130D2	S2,23F S2,23B
WCK	100A7	RA5,13B
WKC	130D2	R3,54F R3,54B
(WR)	112F5	S8,14B
WSF	119D5	RA5,30B
WSM	100H5	RA5,12B
WT	130E2	S7,02F
WTL	116A7	RA6,34B
X	112A7	SA7,13B
X2P	121E0	SA7,51B
X11	130B5	S3,04F
XAB	113A7	SA6,34F
XAN	130D5,	SA5,51F
XBRL	130E5	AB5,11F
XBT	130E5	SA5,43F
XCE	130F5	AB6,11F
XCH	130G5	SA5,52F
XCK	118F7	SA7,44B
XCKR	130B7	SA5,33F
XCL	130C7	SA6,00F
XCLC	130E7	SA5,32F
XCP	130F7	SA6,04F
XCR	13180	SA6,01F
XCS	131C0	SA5,02F
XCW	131E0	SA5,54F

DESIG	LOCATION FS	LOCATION CARD
XDL	131F0	SA6,02F
XDS	103A5	SA7,30B
XET	131B2	SA7,53B
XF	131C2	SA6,40F
XFG	131E2	SA5,23F
XFT	131G2	SA6,51F
XFUT	131B5	SA5,12F
XHG	131C5	SA5,00F
[XHG1]	132D7	SA6,03F
[XHGA]	134F5	SA5,53F
XHM	131D5	SA5,21F
XI	131F5	SA6,11F
XIC	103F2	SA7,22B
XICK	119E7	SA7,23B
XIN1	104B2	SA8,40B
XIN2	105C0	SA8,41B
XIN3	105D0	SA8,42B
XJC	131B7	SA6,22F
XJG	131D7	SA6,23F
XJS	132B0	SA6,24F
[XL]	133D0	SA6,10F
XLC	132C0	SA6,32F
XLF	132F0	SA4,53F
XLG	132B2	SA5,01F
XLH	132D2	SA5,04F
XLO	132F2	SA5,10F
XLR	132B5	SA6,30F
XLS	132D5	SA5,03F
XLV	132B7	SA6,33F
XMB	132D7	SA6,03F
XMRL	132D7	SA5,50F
XN	133B0	SA5,22F
XNL	99A5	SA7,24B
XOB	133D0	SA6,10F
XOF	118E7	SA7,50B
XOST	109D2	SA8,32B
XP	103A5	SA7,30B
XPI	116D0	SA7,41B
XPG	133D0	SA5,24F
XPL	107D5	SA7,14B
XPT	133F0	SA6,43F
XPTN	133B2	SA5,30F
XRA	111D5	SA8,43B
XRB	103D5	SA7,31B
XRD	121E0	SA7,51B
XRE	118E0	SA8,51B
XRL	107B7, 133D2	SA7,21B SA5,44F
XRLI	130B2	SA8,31B
XRN	108C2	SA8,50B
XRS	133E2	SA6,44F
XRSI	133F2	SA6,50F
XRST	102C2	SA7,20B
XRTL	111A7	SA8,34B
XS	118B2, 133G2	SA8,44B, SA5,20F
XSA	131D5	SA5,21F
XSC	133B5	SA4,54F
XSL	133C5	SA6,41F
XSS	121E7	SA5,14F
XST	107D5	SA7,14B

DESIG	LOCATION FS	LOCATION CARD
XT	133F5	SA5,31F
XTI	122E2	SA7,42B
XT5	133B7	SA6,12F
XTB	133C7	SA6,13F
XTB1	13480	SA6,20F
XTC	103C5, 13400	SA7,33B, SA5,34F
XTC1	13460	SA5,40F
XTG	134B2	SA6,14F
XTGI	134C2	SA6,21F
XTKK	115A7	SA7,40B
XTL	11200	SA7,32B
XTOK	106A5	SA8,33B
XTP	11600	SA7,41B
XTRK	134F2	SA5,41F
XTRL	134G2	SA5,42F
XTS	103F2, 134B5	SA7,22B SA6,31F
XTSI	134C5	SA6,42F
XTV	131F5	SA6,11F
XU	103F5	SA7,34B
XUI	116E0	SA7,43B
XVF	121F0	SA7,52B
XVG	10005	SA7,54B
XVGA	134F5	SA5,53F
XVGB	131E0	SA5,54F
XX	122C7	S6,54F

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ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
2TR	135B4	
AO,1,2,4,7	135C4	
BO,1,2,4,7	135D4	SEE ATVC CKT
CO,1,2,4,7	135E4	
CKI	135A6	55D7
DO,1,2,4,7	135E6	SEE ATVC CKT
DNK	135F6	55D7
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H7	136B1	
HNO-9	136C1	55D3
OBS	136C4	55D7
OFFO,1	136E4	55A0
OFF2,3,4	136E4	55D3
P	136B6	55F7
PT	136D6	55F7
RL	136G6	SEE ATVC CKT
RLA	136H6	55F7
RPT	136A8	
SC	136B8	SEE ATVC CKT
TO-9	136G8	55D3
TGR		55D7
THO-9	137C1	55D3
TM2	137D1	55D3
TPT	137G1	
TR	137H1	
TRA		55D7
TRS	137C4	
UO-9	137D4	55D3
VFO-4	137E4	
VGO,1,2,4,7	137F4	SEE ATVC CKT
VG10	137G4	
X	137A6	55D7
XET	137B6	55D7
XRL	137C6	55F7
XTL	137C6	55D7
XVF	137D6	55D3
XVG	137E6	55F7

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
1TR		55A7
2TR		55A7
AO,1,2,4,7		55A0
BO,1,2,4,7		55A0
CO,1,2,4,7		55A0
CKI	SEE ATV CKT	
DO,1,2,4,7		55A0
DNK		
EO,1,2,4,7		55A0
FO,1,2,4,7		55A0
FTO-3		55H3
FUO,1,2,4,7	SEE ATV CKT	
GO,1,2,4,7		55A0
GC		55A7
H7	SEE ATV CKT	55A0
HGO,1,2,4,7		55A7
RL		55E7
RLA	SEE ATV CKT	
RPT		55B7
SC		55H3
SWO,1,2,4,7	136F9	55A7
TPT	SEE ATV CKT	55A7
TRIT		55A7
TRS	SEE ATV CKT	55A7
VFO-4		55A7
VFO,1,2,4,7,10		55H3

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
AO,1,2,4,7	135C4	
AIOD	135D4	
BO,1,2,4,7	135D4	
CO,1,2,4,7	135E4	
CGA	135G4	
CGB	135G4	
CK	135B6	
CKG	135B6	
CTO,1,2,4,7	135D6	
DO,1,2,4,7	135E6	
DUAL	135G6	
EO,1,2,4,7	135G6	
ECTO-2	135H6	
ECUO,1,2,4,7	135H6	
EVN	135B8	

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
FO,1,2,4,7	135C8	
FN	135C8	
FNA	135C8	
FNB	135D8	
FTO-3	137F6	
FUO,1,2,4,7	135D8	
GO,1,2,4,7	135F8	
HO,1,2,4	136A1	
H7	136B1	
HMS1	136B1	
HNO-9	136C1	
ITR	136D1	
JO,1,2,4,7	136D1	
KO,1,2,4,7	136E1	
L7	136F1	
LT1	~~136F1~~	
LT2,3	136G1	
MBO,1,2,4,7	136G1	
MT	136H1	
MTO,1	137F6	
MTK	136H1	
MUO,1,2,4,7	136A4	
NOB	136B4	
NRDO	136B4	
NRD1	136C4	
OBS	136D4	
OC	136D4	
ODD	136D4	
OFFO-4	136E4	
PPSP	136C6	
RCDO,1	136F6	
RK3	136G6	
SLU	136C8	
SNG	136D8	
SOG	136D8	
SMPA	136D8	
SPTO,1	136E8	
SPUO,1,2,4,7	136E8	
TO-9	136G8	
TBK	136G8	
TBL	137A1	
TBY	137B1	
TFTO-2	137G6	
TFUO,1,2,4,7	137B1	
THO-9	137C1	
TK	137D1	
TM2	137D1	
TNTO,1,2,4,7	137E1	
TNUO,1,2,4,7	137F1	
TRL	137B4	
UO-9	137E4	
VGO,1,2,4,7	137F4	
VG10	137G4	
X11	137B6	

OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT (OTTIC)

DESIG	LOCATION FS	LOCATION CAD
1TR	135A2	
2TR	135B2	103D7
AO,1,2,4,7	135C3	102A/D3,D7, 102B/E2
AIOD	135D2	
BO,1,2,4,7	135D2	102A/D3,D7, 102B/E2
CO,1,2,4,7	135E2	102A/D3,D7, 102B/E2
CDCO	135F2	
CGA	135G2	
CGB	135G2	
CIA	1C/F8	102A/B5, 102B/E0
CIA1	1C/F0	102A/B5, 102B/E0
CIA2	1A/G8	102A/B0
CKI	135A5	103D7
CKG	135B5	
CM3	135B5	102A/D3, 102B/E2
CMA	135C5	102A/D3, 102B/E2
CMB	135C5	102A/D3, 102B/E2
CMC	135C5	102A/D3, 102B/E2
CTO,1,2,4,7	135D5	
DO,1,2,4,7	135E5	102A/D7
DNK	135F5	103D7
DRO,1	26G5	102A/B0,B5, 102B/E0
DR2-9	26G5	102B/E0
DUAL	135G5	
EO,1,2,4,7	135G5	102A/D7
ECTO-2	135H5	
ECUO,1,2,4,7	135H5	
EF	135A7	
EVG	135B7	
EVN	135B7	
FO,1,2,4,7	135B7	102A/D7
FN	135C7	
FNA	135C7	
FNB	135D7	

OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT (OTTIC)

DESIG	LOCATION FS	LOCATION CAD
FUO,1,2,4,7	135D7	102A/D7
FUAO-4	135E7	
GO,1,2,4,7	135F7	103D0
GC	135F7	
HO,1,2,4	136A0	
H7	136B0	103D0
HMS1	136B0	
HNO-9	136C0	103D2
ITR	136D0	
JO,1,2,4,7	136D0	
KO,1,2,4,7	136E0	
L7	136F0	
LT	136F0	
LT1,2,3	136G0	
MBO,1,2,4,7	136G0	
MT	136H0	
MTK	136H0	
MUO,1,2,4,7	136A2	
NOB	136B2	
NRDO	136B2	
NRDI	136C2	
OBS	136C2	103D7
OC	136D2	
ODD	136D2	
OF	136E2	
OFFO-4	136E2	103D0
ON	2D2	102A/B0
OP	1C/G8	102A/B5, 102B/E0
OP1	1C/G0	102A/B5, 102B/E0
OP2	1A/G8	102A/B0
OVG	136B5	
P	136B5	103D5
PCK	136C5	102A/D3, 102B/E2
PPSP	136C5	
PRL	136C5	102A/D3, 102B/E2
PRT	29F/E2	102A/B5, 102B/E0
PT	136D5	103D5
PTR	136D5	102A/D3, 102B/E2
PTS	9C6	25A/B7, 102B/E0
PTT-	9C7	102A/B5, 102B/E0

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DESIG	LOCATION FS	LOCATION CAD
RCDO,1	136F5	
RGCO	136G5	102A/B5, 102B/E0
RK3	136G5	
RL	136G5	103D7
RLA	136H5	103D5
RLK	136H5	102A/D3, 102B/E2
RPT	136A7	103D7
SC	136B7	103D0
SD	136C7	102A/D3, 102B/E2
SLU	136C7	
SMG	136D7	
SOG	136D7	
SPC	136D7	
SPTO,1	136E7	
SPUO,1,2,4,7	136E7	
SWO,1,2,4,7	136F7	103D7
TO-9	136G7	103D2
TBK	136G7	
TBL	137A0	
TBY	137B0	
TFUO,1,2,4,7	137B0	
TGR	137C0	
THO-9	137C0	103D5
TK	137D0	
TM2	137D0	103D0
TNK	137F0	
TNTO,1,2,4,7	137E0	
TNUO,1,2,4,7	137F0	
TOK	137F0	102B/E2
TPT	137G0	103D7
TR	137H0	103D7
TR2	137A2	102A/D3, 102B/E2
TRBI(2)		102A/B5
TRK		102B/E2
TRL	137B2	
TRS	137B2	102A/D3, 102B/E2, 103D7
TV	9D2	102A/B0
TVT	137C2	
UO-9	137D2	103D2
VFO-4	137E2	103D7
VGO,1,2,4,7	137F2	103D0
VG10	137G2	
X	137A5	103D7
X11	137B5	
XET	137B5	103D7
XRL	137C5	103D7
XTL	137C5	103D7
XVF	137D5	103D0
XVG	137E5	103D5
XX	137E5	102A/D3, 102B/E2

PRETRANSLATOR(INCOMING REGISTER) (PRT(IR))

DESIG	LOCATION FS	LOCATION CAD
CMK	137F1	
LKI	135D6	
TR	136E6	
TRI	136H6	

PRETRANSLATOR (INTERNATIONAL DIRECT DISTANCE DIALING) (PRT(IDDD))

DESIG	LOCATION FS	LOCATION CAD
SD	136C8	
TOK	137F1	

PRETRANSLATOR(REGULAR) (PRT(REG))

DESIG	LOCATION FS	LOCATION CAD
AO,1,2,4,7	135C4	25B/D7,25C/E0
BO,1,2,4,7	135E4	25B/D7,25C/E0
CO,1,2,4,7	135F4	25B/D7,25C/E0
CM3	13586	25B/D7,25C/E0
CMA	135C6	25B/D7,25C/E0
CMB	135C6	25B/D7,25C/E0
CMC	135C6	25B/D7
PCK	136C6	25B/D7,25C/E0
PRL	136C6	25B/D7,25C/E0
PTR	13606	25B/D7
RGCO	136G6	
RLK	136H6	25B/D7
SD	136C8	25B/D7,25C/E0
TR2	137A4	25B/D7,25C/E0
TRS	13784	25B/D7,25C/E0
XX	137E6	25B/D7,25C/E0, 26A/G7

TRANSLATOR ACCESS CKT (TA)

DESIG	LOCATION FS	LOCATION CAD
1TR	135A4	
2TR	135B4	
EF	135A8	
EVG	135B8	
FTO-5	135F6	
FUAO-4	135E9	
GC	135F8	
OF	136E4	
OVG	136B6	
RPT	136B8	
SC	136C8	
TGR	137C1	
TNK	137E1	
TPT	137G1	
TVT	137C4	
VFO-4	137F4	
VGAO-5	137G4	
XET	137C6	
XTL	137D6	
XVF	137D6	
XVG	137E6	

DESIG	LOCATION FS	LOCATION CAD

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | A74

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TRUNK LINK CONNECTOR	TLC	89G5
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WIDEBAND LINE LINK CONNECTOR	WLLC	89D7
WIDEBAND TRUNK LINK CONNECTOR	WTLC	89D7

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
A'0	140B1	88E3,F0
A'1	140C1	88E3,F0
A'2	140D1	88E3,F0
B'0,1,2,4,7	141B1	88C0,F0
C'0,1,2,4,7	141D6	88C0,F0
D'0,1,2,4,7	146B4	88C0,F0
DS	176F6	88E3,F0
DTK	175E1	87B0,C0
DTN	174D4	87B0,C0
E'0,1,2,4,7	147G4	88C0,F0
F'0,1,2,4,7	148D1	88C0,F0
HRI	151C6	87B0,C0
IPA	151B6	87B0,C0
LC	176F1	87B0,C0
ONL	2F6	87H0
OTO	151C6	87B0,C0
P	176B6	88E3,F0
PI	174D6	88E3,F0
PAK	175C4	87B0,C0
PT	176E6	88E3,F0
PTI	175G1	88E3,F0
PTS	176C1	88E3,F0
RC(-)	21B2	67B3-F3, D8-F8,68D0-F0,87E0, 95D1
RCCK	11F5	67B3-F3, D8-F8,68D0-F0,87E0, 95D1
RD		88E3,F0
RST0-9	143E6	87H0
RST10-15	143G6	87H0,95D1
RST16-19	143D9	87H0,95D1
RST20-23	163F9	67C0
RST24-29	163G9	67C0

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
RT	163G4	87H0
T'0,1,2,4,7	171B6	87E4,E7
TBL	176C1	88E3,F0
TBLE	19D4	
TBLO	19G4	
TCI	21B1	
TCN0-9	143E6	
TCN10-15	143G6	
TCN16-19	143D9	
TNR	176C1	
TRB	14C2	67B3-F3, D8-F8, 68D0-F0, 87E0,95D1
TRCA	28A8	67B3-F3, D8-F8, 68D0-F0, 87E0,95D1
TRCB	28A8	67B3-F3, D8-F8, 68D0-F0, 87E0,95D1
TRCC	28B8	67B3-F3, D8-F8, 68D0-F0, 87E0,95D1
TRST	1B/B0-B3	67B3-F3, D8-F8, 68D0-F0, 87E0,95D1
TV	151H4	88E3,F0
U0	148G4	87E4,E7
U1	148B6	87E4,E7
U2	148D6	87E4,E7
U4	14786	87E4,E7
U7	158F6	87E4,E7
XPI	173D9	87B0,C0
XTI	173B9	87B0,C0
XTC	176F4	88E3,F0
XTL	176D6	87B0,C0
XTP	173D9	
XUI	161C9	87B0,C0

AMA TRANSLATOR (AMAT)

DESIG	LOCATION FS	LOCATION CAD
GO-19	29G/A4	90B0
GA	29G/C4	90B0
GB	29G/D4	90B0
GG-	28D8	53C6,F6, 90B0, 152D4,D7
TLR0	143E4	90B0
TLR1	169B6	90B0
TLR2	169C6	90B0
TLR3	163G1	90B0
TLR4	163E4	90B0
TLR5	146G6	90B0
TLR6	142B1	90B0
TLR7	139F4	90B0
TLR8	139E6	90B0
TLR9	139G6	90B0
TLR10-12	168E9	90B0
TLR13	140F4	90B0
TLR14	168E9	90B0
TLR15	147D9	90B0
TLR16	156D4	90B0
TLR17	143D4	90B0
TLR18	157E9	90B0
TLR19	161D9	90B0
TLR20	161E9	90B0
TLR21	14586	90B0
TLR22	164F4	90B0
TLR23	140B6	90B0
TLR24	168E9	90B0
TLR25	167H4	90B0
TLR26	159D6	90B0
TLR27	171C1	90B0
TLR28	157C4	90B0
TLR29	157D4	90B0
TLR30,31	159H6	90B0

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
FO,1,2,4,7	148C1	SEE MTC CKT
FTO-3	149C6	
FUO,1,2,4,7	150E1	
GO,1,2,4,7	150C6	
GC	175C9	
H7	151D1	
HNO-4	151B9	55D3
HN5-9	151F9	55D3
MB	9H3	53E6,G6
MBI	9H3	53E6,G6
MC	156D4	55G7
MOA	156C6	55D7
NOB	158B1	55D7
OBS	158C6	55D7
OFFO-2	154F4	55A0,D3
OFF3,4	157G4	55D3
OFF5	157B6	55D3
OFF6-9	157D6	55A0
OFTO	157E6	55D3
OFT1,2	157G6	55D3
P	176B6	55F7
PT	176E6	55F7
RCCK	11F5	53D6,G6
RL	155G1	
RLA	162H4	55F7
RPT	172B9	SEE MTC CKT
SC	164C6	
TO-4	166C1	55D3
T5-9	166F1	55D3
TGR	174E4	55D7

ANI TRANSLATOR (ATV)

DESIG	LOCATION FS	LOCATION CAD
THO-4	151G6	55D3
TH5-9	151D9	55D3
TIK	168G6	55F7
TM	6F5	SEE MTC CKT
TM2	164D9	55D3
TNK	174B9	55A3
TOP	169G4	55F7
TPT	172F6	
TR	152E4	SEE MTC CKT
TRIT	148D4	
TRA	169E6	55D7
TRB	13C8	53D6,G6
TRL	174E6	55A3
TRS		
TRST	1A/C0	53D6,G6
TTT	163F4	55F7
TVA	1A/A0	53D6,G6
TVB	1A/A1	53D6,G6
TVT	11D2	
TVTAO	8E4	53G6
TVTAI	8E1	53E6
UO-9	17184	55D3
VGO,1	172F1	
VG2	172H1	
VG4,7	172C4	SEE MTC CKT
VG10	172D4	
X	17386	55D7
XET	156F6	55D7
XRL	155C9	55F7
XTL	164C4	55D7
XVF	14184	55D3
XVG	142F4	55F7

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
1TR	139C1	SEE MTC CKT
2TR	139B4	
AO,1,2,4,7	139F9	
CO,1,2,4,7	141C6	
CI	1A/C0	53D6,G6
CKI	176G4	55D7
CMB	145G4	SEE MTC CKT
DO,1,2,4	146E1	
D7	146F1	
DIST	146F6	55D3
DNK	176B9	55D7
EO,1,2,4,7	147E4	SEE MTC CKT

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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LEAD INDEX FOR TABLE IE

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
ITR		55A7,98B4
2TR		55A7,98B4
A0,1,2,4,7		55A0,98B4
	SEE ATV CKT	
B0,1,2,4,7		55A0,98B4
C0,1,2,4,7		55A0,98B4
CKI		98B4
CMB		98B4
CNO,1	143F4	98F0
CNG	27G3	54E7,G7
	SEE ATV CKT	
D0,1,2,4,7		55A0,98B4
DIST		98B4
DNK		98B4
E0,1,2,4,7		55A0,98B4
F0,1,2,4,7		55A0,98B4
FRO	148B9	98F0
FRG	27F8	54E7,G7
FTO-3		55H3,98B4
	SEE ATV CKT	
G0,1,2,4,7		55A0,98B4
GC		55A7,98B4
H7		55A0,98B4
HGO,1,2,4,7		55A7
HNO-9		98B4
MC		98B4
MOA		98B4
NOB		98B4
OBS		98B4
OFFO-9		98B4
OFTO-2		98B4
P		98B4
PT		98B4

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
RL		55E7,98B4
RLA		98B4
RPT		55A7,98B4
	SEE ATV CKT	
S0-9		98F0
SC		55H3,98B4
SG	28H3	54E7,G7
SWO,1,2,4,7	151B4	55A7,98B4
T0-9		98B4
TGR		98B4
THO-9		98B4
TIK		98B4
TM		54E7,G7
	SEE ATV CKT	
TM2		98B4
TNK		98B4
TOP		98B4
TPT		55A7,98B4
TR		55E7,98B4
	SEE ATV CKT	
TRA		98B4
TRIT		55A7,98B4
TRL		98B4
TRS		55A7,98B4
TTT		98B4
TVT		54F7,G7
U0-9		98B4
VFO	171D6	55A7,98B4
VF1-4	171E6	55A7,98B4
VG0,1,2,4,7, 10		55H3, '84
X		98B4
XET		98B4
XRL		98B4
XTL	SEE ATV CKT	98B4
XVF		98B4
XVG		98B4

APPLICATION CKT FOR COMPARING COMPLETING MARKER ROUTE RELAY CROSS CONNECTIONS (AC)

DESIG	LOCATION FS	LOCATION CAD
TG5	167E9	
TG6-9	168B1	
TG10-14	168C1	
TG15-19	168D1	

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)

DESIG	LOCATION FS	LOCATION CAD
GO-19	29G/B4-E4	101E6
GA	29G/C4	101E6
GB	29G/E4	101E6
TLR	154E9,F1, 160F9	
TLR0	143E4	101D6
TLR1	169B6	101D6
TLR2	169C6	101D6
TLR3	163G1	101D6
TLR4	163E4	101D6
TLR5	146G6	101D6
TLR6	142B1	101D6
TLR7	139F4	101D6
TLR8	139E6	101D6
TLR9	139G6	101D6
TLR10-12	168E9	101D6
TLR13	140F4	101D6
TLR14	168E9	101D6
TLR15	147D9	101D6
TLR16	156D4	101D6
TLR17	143D4	101D6
TLR18	157E9	101D6
TLR19	161D9	101D6
TLR20	161E9	101D6
TLR21	145B6	101D6
TLR22	164F4	101D6
TLR23	140B6	101D6
TLR24	168E9	101D6
TLR25	167H4	101D6
TLR26	159D6	101D6
TLR27	171C1	101D6
TLR28	157C4	101D6
TLR29	157D4	101D6

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)

DESIG	LOCATION FS	LOCATION CAD
GG	28D8	53C6,E6, 101B6,152D4, D7
TRG-	28F8	53C6,E6, 101B6,152C7, D4

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
2DT	139F0	
2W	139D2	
4W	139C5	
11	139C7	SEE MTC CKT
A0,1,2,4,7	139E7	
A'0	140B0	73B/B3
A'1	140C0	73B/B3
A'2	140D0	73B/B3
A'4,7	140E0	73B/B3
AMA	140E5	
AOT	140G5	
ARO,1	140G5	
AR2,4,7	140H5	
AVKI	140E7	
		SEE MTC CKT
B0,1,2,4,7	140G7	
B'0,1,2,4,7	141B0	73B/B3
BRO,1	141F0	
BR2,4,7	141G0	
		SEE MTC CKT
C0,1,2,4,7	141C5	
C'0,1,2,4,7	141E5	73B/B3
CD0	141B7	
CD1	141D7	
CD2	141E7	
CD4	141F7	
CD7	141G7	
CD10	160H3	
CD15	161C0	
CD'0	162B5	73B/A3
CD'1	161D3	73B/A3
CD'2	176D0	73B/A3
CD'4	158C3	73B/A3
CD'7	142G5	73B/A3
CD'10	162C4	73B/F0
CD'15	140C9	73B/F0
CDAO,1	147D5	
CDA2,4,7	147E5	
CDA'0,1,2,4	147H5	
CDA'7	147B7	
		SEE MTC CKT
CDPO,1,2,4	142C0	
CDP7,10,15	142D0	
CDP'0,1	142E0	
CDP'2,4,7	142F0	
CDP'10,15	142F1	73B/F0
CI	1F/C7	73B/E0

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
CL1	143C0	
CL2	143D0	
CL3	143F0	
CL4	143G0	
CL5	143H0	
CL6	143B2	
CL7	143C2	
CL8	143C2	SEE MTC CKT
CPO	144E0	
CR	144G0	
CRO,1,2,4,7	144H0	
D	146D0	
DO,1,2,4	146E0	
D7	146F0	
D'0,1,2,4,7	146B2	73B/B3
DAT	146C2	
DCK	146B0	
		SEE MTC CKT
DCT	146F2	
DLI-5	142C7	
DL6	146G5	
DRO-9	26B0, 146F7	73B/B0
DRTO,1	26B0	73B0
DTF	147F0	
		SEE MTC CKT
EO,1,2,4,7	147E2	
E'0,1,2,4,7	147G2	73B/B3
EFO,1,2,4	147H7	
EF7	147B7	
		SEE MTC CKT
F0,1,2,4,7	148B0	
F'0,1,2,4,7	148D0	73B/B0
FAC	148F0	
FAK	148H0	
FBK	14882	
FGO	14862	
FGI	14885	
FG2	148C5	
		SEE MTC CKT
FSO-2	149B0	
FS3,4	149C0	
FS5-9	149D0	
FS10-14	149E0	
FS15-19	149F0	
FS20,21	149G0	73B/C0
FS22-26	149B2	73B/C0
FS27-29	149C2	73B/C0
FTO-3	149C5	
FUO,1,2,4,7	15000	
FVO	150F2	

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
GO,1,2,4,7	150B5	SEE MTC CKT
G'O,1,2,4,7	150D5	73B/B3
HO,1,2,4	151B0	SEE MTC CKT
H7	151C0	SEE MTC CKT
H'O,1,2,4,7	151E0	73B/B3
HGO,1,2,4,7	15.B2	
HMSI	151E5	
HTO,1,2,4,7	152C0	
INC	152C2	SEE MTC CKT
JO,1,2,4,7	152B5	
J'O,1,2,4,7	152C5	73B/B3
KO,1,2,4,7	153B5	SEE MTC CKT
K'O,1,2,4,7	153C5	73B/B3
LO,1,2,4	153F5	SEE MTC CKT
L7	153G5	SEE MTC CKT
L'O,1,2,4,7	153B7	73B/B3
LCO-9	154B0	73B/B0
LIO	154H2	
LR	155G0	
LRI	155C2	
LT	164C7	SEE MTC CKT
LT1	155F2	
LT2	155G2	
LT3	155H2	
MO,1,2,4	156B0	73B/E3
M7	156C0	SEE MTC CKT
M'O	156D0	73B/E3
M'1,2,4	156E0	73B/E3
M'7	156F0	73B/B3
M11	156C1	73A/A5
MF	156E2	SEE MTC CKT
MON	156C5	SEE MTC CKT
MTRI	12C8	73B/F0
N7	157G0	73B/E3
N'7	157G0	73B/E0
NDK	157D3	
OA	158H3	
OB	158B5	

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
ON	2A1	73B/F0
OR	159B0	
PCD	160E3	
PCD1	160F3	
PCR	160B5	
PD	160C5	
PHC	160F5	
PK	160G5	
PKI	160B7	73B/F0
PS	161G0	
RIK	162F0	
RO	162D7	
RP	163G0	
SCK	164E5	
SCN	164F5	
SCT	164G5	
SPL	157D7	
SRT	147C0	
STR	3B0	73B/F0
STRI	3C8	
STRA	3D8	
STRC	3D8	
TAN	166C3	
TANI-4	166E3	
TCA	167G0	
TCB	167B3	
TCC	167C3	
TFO,1,2	167F5	
TF4	167H5	
TF7	16786	
THC	168B5	
THTO,1	168C3	
THT2,3	168C5	
TLR29	157D3	
TOL	169F3	

SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
TP	169B5	SEE MTC CKT
TRA	10E3	73B/C0
TRB	14D8	73B/F0
TRBI	14D8	73B/F0
TRC	12A8	73B/F0
TRST	1F/C7	73B/F0
TST	170F5	
TT	170G5	
TTO,1,2,4,7	170C7	
U'0	171D5	
U'1,2,4,7	171F5	SEE MTC CKT
UTO,1,2,4,7	171C5	
VFO	171D5	
VF1-4	171F5	
VGO,1	172F0	
VG2	172H0	
VG4,7	172C3	
VG10	172D3	
WAT	172F7	73A/H7
WDTF	173E3	73A/H7
WDTI	173F3	73A/H7
X11	174B0	SEE MTC CKT

SEE MTC CKT

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
2DT	139F0	
2W	139D2	
4W	139B5	
11	139C7	SEE MTC CKT
A0,1,2,4,7	139E7	
AKT	488	72B7
AL	140D5	
ALT	140D5	SEE MTC CKT
AMA	140E5	
AMKS	7F6	72D7
ATKT	140C9	SEE MTC CKT
ATP	1E/D6	72D7
B0,1,2,4,7	140G7	SEE MTC CKT

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE IE

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC PROGRESSION TRUNK TEST (APTT)		
BT	141E2	SEE MTC CKT
CO,1,2,4,7	141C5	SEE MTC CKT
CDNK	142B0	104D7
CGA	142B2	
CGB	142B2	
CIb	5D7	SEE MTC CKT
CKGI	142D7	
CKR	142G7	
CKRI	143B0	
CN	143E2	104D7
CRU0	144C2	
CRU1	144D2	
CRU2	144F2	
CRU4	144G2	
CRU7	144H2	
CSGI	144D7	
CSG2	144E7	
CTA0,1,2	145E2	
CTA4,7	145F2	
CU0	145C5	
CU1	145E5	
CU2	145G5	
CU4	145B7	
CU7	145D7	
D0,1,2,4	146E0	SEE MTC CKT
D7	146G0	
DATK	146E2	
DCT	146F2	
DIS	146C5	
DIS1	146E5	
DLTK	146H5	
E0,1,2,4,7	147E2	
ECN	147B5	
F	147G7	
F0,1,2,4,7	148B0	
FAC	148G0	
FCK	148F2	
FG0	148G2	
FG1	148B5	
FG2	148C5	
FS0-2	149B0	104D7
FS3,4	149C0	104D7
FS5-9	149D0	104D7
FS10-14	149F0	104D7
FS15-19	149G0	104D7
FS20,21	149H0	104D7
FS22-26	149B2	104D7
FS27-29	149C2	104D7
FT0-3	149C5	
FTC	149D7	
FTCK	149E7	
FU0,1,2,4,7	150D0	
G0,1,2,4,7	150B5	
GPA	140D7	
GPB	150G5	
H0,1,2,4	151B0	
H7	151C0	
HG0,1,2,4,7	151B2	
HMS1	151E5	
HT0,1,2,4,7	152C0	
INC	152C2	
J0,1,2,4,7	152B5	
K0,1,2,4,7	153B5	
L7	153G5	
LB	153C7	34A/D6
LHM	154E2	
LHMT	154F2	
LK2	154D5	
LK3	154E5	SEE MTC CKT
LT	164C7	
LTI	155F2	
LT3	155H2	
MKT(-)	7E6	104D7
MOI	156B5	
MRL	156G5	
MT1K	156B7	
MT2K	156D7	
MT5	156E7	SEE MTC CKT
MT7K	156C7	
MT8K	157B0	
MT9K	157B0	
MT10K	157C0	
MTI2	157C0	SEE MTC CKT
MT57	157D0	SEE MTC CKT
MTL	7C9	72B7
NOT	157E2	
NH	140G2	SEE MTC CKT
NOB	158B0	
OA	158G2	104D7
OB	158B5	104D7
OR	159B0	
OSC	159E0	SEE MTC CKT
OTT	159D5	
OV	159E5	
PCD	160E3	104D7
PCD1	160G3	104D7
PCR	160B5	SEE MTC CKT
PHC	160F5	104D7
PK	160G5	
RA	161F3	
RA4	144G2	
RB3	144C2	
RB4	144H2	
RBT	161F3	
RBT1	161G3	
RC	161G3	
RC3	144D2	
RCT	161B5	SEE MTC CKT
RCT1	161C5	
RD3	144F2	
ROG	163D0	
RP	163G0	
S0-9	164G3	
SBT	164B5	
SCK	164E5	
SRT1	165C5	
TAN1-4	166E3	
TB	166G3	
TBT	167D0	
TCA	167G0	
TCB	167B3	
TCC		104D7
TDCT	167C5	
TF0,1,2	167F5	
TF4	167H5	SEE MTC CKT
TF7	167B8	
THC	168B5	104D7
THT0,1	168C8	
THT2,3	168C5	
TI	6H1,168E6	
TM	6C0	
TMK	169C0	
TMK1	169D0	SEE MTC CKT
TOL	169F3	
TP	169B5	
TRK	139D0	
TRL	169G0	
TRL1	169H5	
TRL2	16987	
TS	6G8	72D7
TSO-3	170D0	104D7
TS4	170E0	104D7
TS5-9	170F0	104D7
TS10-14	170G0	104D7
TS15-19	170H0	104D7
TSE1	17085	SEE MTC CKT
TSE2	170C5	SEE MTC CKT
TST	10G5	
TT	170G5	
TT0,1,2,4,7	170C7	
TTC	170C7	
TTC1	170D7	
U'0	170D5	
U'1,2,4,7	170E5	
UT0,1,2,4,7	171C5	
VF0	171D5	SEE MTC CKT
VF1-4	171E5	
VG0,1	172F0	
VG2	172H0	
VG4,7	172C3	
VG10	172D3	
X11	174B0	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC RANGE EXTENSION TEST (ARET)		
BT	141E2	108D0
BY	173H5	108D0
CO,1,2,4,7	141C5	108D0
CGA	142B2	108D0
CGB	142D2	108D0
CI	1E/D2	108D0
CIB	5D7	108D0
CIK	142G5	108D0
CKGI	142D7	108D0
CRU0	144C2	108D0
CRU1	144D2	108D0
CRU2	144F2	108D0
CRU4	144G2	108D0
CRU7	144H2	108D0
CSGI	144D7	108D0
CSG2	144E7	108D0
CTA0	145F2	108D0
CTA1,2	145E2	108D0
CTA4,7	145F2	108D0
CU0	145C2	108D0
CU1	145E5	108D0
CU2	145G5	108D0
CU4	145B7	108D0
CU7		108D0
D7	146G0	108D0
DCT	146F2	108D0
DIS	146C5	108D0
DISI	146E5	108D0
EXT	147F7	108D0
FM	148F5	108D0
FTO-3	149C5	108D0
FTC	149D7	108D0
FTCK	149E7	108D0
FU0,1,2,4,7	150D0	108D0
HG0,1,2,4,7	151B2	108D0
JSQ0	153B2	108D2
KJSQ	153D5	108D2
LHMT	154F2	108D2
LK2	154D5	108D2
LK3	154E5	108D2
LLO,1	168B3	108D2
LL2,4	168D3	108D2
LL7	154F5	108D2
LOLL	155E0	108D2
LT	164C7	108D2

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC RANGE EXTENSION TEST (ARET)		
MKS	7F5	108D2
MKT(-)	7E5	108D2
MOI	156B5	108D2
MRL	156G5	108D2
MT1K	156C7	108D2
MT4K	156E7	108D2
MT7	156F7	108D2
MT8K	157B0	108D2
MT9K	157B0	108D2
MT10K	157C0	108D2
NOB	158B0	108D2
NTB	158C3	108D2
NTH	158D3	108D2
ON	2E1	108D2
OR	159B0	108D2
PK	159G5	108D2
RA4	144G2	SEE MTC CKT
RB3	144C2	
RB4	144H2	
RBT	161F3	108D2
RBT1	161G3	108D2
RC3	144D2	SEE MTC CKT
RD3	144F2	SEE MTC CKT
REP	1E/D2	108D2
RK	162C3	108D2
RP	163G0	108D2
SCK	164E5	108D2
SP	15G3	108D2
SPC	15H3	108D2
STP1	165B7	108D5
STP2	165D7	108D5
STR	3E0	108D5
STR1	3C8	108D5
STR2	3C7	108D5
STRA	3D7	108D5
TB	166G3	108D5
TCH0-4	167E3	108D5
TCH5-9	167F3	108D5
TCHK	167G3	108D5
TDCT	167C5	108D5
TM	680	108D5
TRB	1488	108D5
TRB1	1488	108D5
TRC	1288	108D5

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC RANGE EXTENSION TEST (ARET)		
TRK	139D0	108D5
TRL	169G5	108D5
TRLA	174F5	108D5
TRMF	16989	108D5
TRST	1E/D2	108D5
TS	6E8	108D5
TSE1	17085	108D5
TSE2	170B5	108D5
U'0	171D5	SEE MTC CKT
VF0	171D5	108D5
BILLING DATA TRANSMITTER (BDT)		
A0	149E6	131B3
A1	149G6	131B3
A2	149B9	131B3
B0,1,2,4	150G1	131B3
B7	172F4	131B3
CO,1,2,4	172F4	131B3
C7	172G4	131B3
CLF	159C4	131B3
DO,1,2,4,7	151D4	131B3
EO,1,2,4,7	171G6	131B3
ENCO	159D4	131B3
ENC1	159E4	131B3
FO,1,2,4	147H6	131B3
F7	147B9	131B3
BILLING INDEXER (BI)		
2L	142E4	90D5
4L	167C4	90D5
ABX	172F9	90D3
ATO,1	155F4	90D3
AT2	155G4	90D3
BBFC	147B1	90D3

DESIG	LOCATION FS	LOCATION CAD
BILLING INDEXER (BI)		
CK	167E4	90D3
ECO	13986	90D3
EC1,2	147G4	90D3
ITTR	152G4	90D5
MBIO,1,2,4,7	170B9	90D5
MBK	173G4	90D3
OINO,1,2,4,7	144H1	90D5
OITO-2	141F1	90D5
ORTO,1	140G6	90D3
ORUO,1,2	140H6	90D3
ORU4,7	141F1	90D3
OTK	153D4	90D3
PRL	142C4	90D5
RGO	16086	90D5
RG1	160D4	90D5
RG2	160F4	90D5
RG4,7	141G6	90D5
ROP	142B4	90D5
ROP1	173C1	90D3
RSG1,2	173D1	90D3
RSG3	173G6	90D3
TC	173C1	90D3
TRTO,1,2,4	166D4	90D3
TRT7	166F4	90D3
TRUO	139D4	90D3
TRU1,2,4	167F6	90D3
TRU7	167G6	90D3
TS	147F1	90D3
TTK	166E9	90D3
VTC	173B1	90D3

AUTOMATIC RANGE EXTENSION TEST (ARET)		
2W	139D2	108D0
AO,1,2,4,7	139E7	108D0
ARET	24B5	108D0
ARET1		108D0
ASK	140C7	108D0
BO,1,2,4,7	140G7	108D0

TITLE	DWG SIZE	ISSUE
MASTER TEST FRAME CONNECTOR CKT	6S	98B
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LEAD INDEX FOR TABLE IE

DESIG	LOCATION FS	LOCATION CAD
CALENDER AND CLOCK (C&C)		
DTO,1,2,4,7	147D1	117C0
DUO,1,2,4,7	147D4	117C0
HTO,1,2,4,7	152C1	117C0
HUO,1,2,4,7	152G1	117C0
MTO,1,2,4,7	156G6	117C0
~~MUO,1,2,4,7~~	~~157E1~~	117C0
CALL DATA TRANSMITTER APPLICATION (CDTA)		
AO,1,2,4,7	139E9	
AG	29G/B5	153D1
AIOD	165G1	
BO,1,2,4,7	140E9	
BG	29G/B5	153D1
CO,1,2,4,7	141D6	
CCSP	168F4	
CG	29G/B5	153D1
CGA	162C6	
CGB	162D6	
CGG	29G/B5	153D1
CK	176H4	
CKG	144C6	
CTO,2,4	144E1	
CTI,7	144F1	
CTG	29G/B5	153D1
CUO,1,2	156B4	
CU4,7	156C4	
CUG	29G/B5	153D1
DO,1,2,4	146F1	
D7	146G1	
DG	29G/B5	153D1
DUAL	158D9	
EO,1,2,4,7	147E4	
ECTO-2	147G6	

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
~~CCTG~~	29G/B6	153D5
ECUO,1	147D6	
ECU2,4,7	147E6	
ECUG	29G/B6	153D5
EG	29G/B5	153D5
EVN	164B4	
FO,1,2,4,7	148B1	
FG	29G/B5	153D1
FGO	148G4	
FGI	148B6	
FG2	148D6	
FN	144B9	
FNA	144B9	
FNB	144C9	
FNG	29G/B6	153D5
FTO-3	149D6	
FTG	29G/B6	153D5
FUO,1,2,4,7	150E1	
FUG	29G/B6	153D5
GO,1,2,4,7	150B6	
GA-GH	29G/B5	153D1
GJ-GL	29G/B5	153D1
GM	29G/B5	
HO,1,2,4	151B1	
H7	151C1	
HG	29G/B5	153D1
HMS1	144F6	
HNO-4	151B9	
HN5-9	151C1	
HNG	29G/B6	153D5
ITR	144G6	
JO,1,2,4,7	152B6	
JG	29G/B5	153D1
KO,1,2,4,7	153B6	
L7	153G6	
LT	164C9	
LT1	170G6	
LT2	139E1	
LT3	150F4	

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
MT	164E1	
MTO,1	162E6	
MTG	29G/B6	153D5
MTK	164F1	
MUO,1,2,4,7	159D1	
NOB	158B1	
NRDO	142D4	
NRD1	167D4	
NRG	29G/B6	153D5
OBG	29G/B6	153D5
OBS	158D6	
OC	165B4	
ODD	164G1	
OEG	29G/B6	153D5
OFFO-2	157E4	
OFF3,4	157H4	
OFF5	157B6	
OFF6-9	157C6	
OFFG	29G/B6	153D5
OFTO	157F6	
OFT1,2	157G6	
OFTG	29G/B6	153B5
PPSP	168E4	
RCDO	142B4	
RCD1	142D4	
RCG	29G/B6	153D5
RK3	144E6	
SLU	173H4	
SMPA	169C4	
SNG	141F4	
SOG	144F6	
SPTO	161D1	
SPT1	145B1	
SPTG	29G/B6	153D5
SPUO,1,2,4,7	165F4	
SPUG	29G/B6	153D5
TO-4	166D1	
T5-9	166G1	
TBK	144D6	
TBL	176B1	
TBY	167E1	
TFO,1,2	167E6	
TF4	167G6	
TF7	167B9	
TFTO-2	150H1	
TFTG	29G/B6	153D5

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
TFUO,1,2,4	172F4	
TFU7	172H4	
TFUG	29G/B6	153D5
TG	29G/B6	153D5
THO-4	151H6	
TH5-9	151E9	
THG	29G/B6	153D5
TK	174B6	
TM2	164E9	
TMG	29G/B6	153D5
TNTO,1,2,4,7	151D4	
TNTG	29G/B6	153D5
TNUO,1,2,4,7	171G6	
TNUG	29G/B6	153D5
TRL	174F6	
UO-9	171B4	
UG	29G/B6	153D5
VGO,1	172E1	
VG2	172G1	
VG4,7	172B4	
VG10	172C4	
VGG	29G/B6	153D5
X11	174B1	

CALL WAITING LINK (CWL)

CRS	144B4	114B5
HMS	151D6	114B5
SXT	165F9	114B5
XHM	174F9	114B5
XS	176D1	114B5

CAMA TRANSVERTER (CTV)

ITR	139C1	86C5
2L	142E4	86B1
2TR	139B4	86C5
4DG	139G4	86B2
4L	167C4	86B0
7DG	144D6	86B2

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
AO,1,2,4,7	139F9	86C7
A'O	140B1	86G2
A'2	140D1	86G2
AC	144D6	86B2
ACD	140F6	86B2
AD	140B4	86B2
BO,1,2,4,7	140G9	86G2
B'O,1,2,4,7	141B1	86G2
BIO	147G1	86B2
BII	146D4	86B2
BIRA	164B4	86B2
BY	173H6	86C5
C	141B6	86G2
CO,1,2,4,7	141C6	86C7
C'O,1,2,4,7	141E6	86G2
CCO-4	150C4	86B2
CC5-9	150D4	86B2
CC8,9	150F4	86B2
CI	1A/C5	86G0
CII	174E9	86C5
CI1T-CI4T	142E6	86C5
CI2	175B4	86C5
CI3	174C1	86C5
CI4	174E1	86C5
CIFA	175B1	86C5
CIFAT	142F6	86C5
CK	175E6	86C5
CKI	176G4	86A5
CK2	174B4	86A5
CKG	175B9	86C5
CP1,7	144F1	86B2
DO,1,2,4	146E1	86C7
D7	146F1	86C7
D'O,1,2,4,7	146B4	86G2
DIST	146F6	86G7
DNC	146B9	86B2
DS	176G6	86G2
DTK	147C4	86C5
DTKA	147C6	86G2
DTN	174C4	86G2
EO,1,2,4,7	147E4	86F5
E'O,1,2,4,7	147F4	86G2
EXT	147E9	86C5
FO,1,2,4,7	148C1	86F5

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
F'O,1,2,4,7	148C1	86G2
FC	148B4	86B2
G	144F6	86B2
GO,1,2,4,7	150C6	86F5
GC	17.89	86C5
IC	175D4	86C5
ICK	152G1	86G2
IE	164C4	86B2
IR	152D4	86G2
IRY	174D9	86C5
ITTR	152G4	86B0
JO,1,2,4,7	152B6	86F5
KO,1,2,4,7	153B6	86C5
L	162G4	
LCDO,1	154C1	86B2
LCD2	154D1	86B2
LOO	165D4	86B2
LOI	161G1	86B2
LST	154E4	86B2
MB	9G3	86G0
MBIO,1,2,4,7	170B9	86B0
MC	156D4	86C5,E5
MOA	156C6	86C5
NLOO	152B4	86B2
NLO1	157E9	86B2
NMBO	169F6	86B2
NMB1	152G4	86B2
NMF	154H1	86B2
NMK	144C9	86B2
NOB	158B1	86C5
OAO,1,2,4,7	150C6	86B2
OARO	143D1	86B2
OAR1	143E1	86B2
OAR2	143F1	86B2
OBO,1,2,4,7	151E1	86B2

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
OBS	158C6	86C5
OCO,1,2,4,7	152C6	86B2
OD	158G6	86B2
ODO,1,2,4,7	153D6	86B2
OEO,1,2,4,7	153B9	86B2
OFO	156D1	86B2
OF1,2,4	156E1	86B2
OF7	156F1	86B2
OGO,1,2,4	150B9	86B2
OG7	150C9	86B2
OIK	144B9	86B2
OINO,1,2,4,7	144H1	86B0
OITO-2	141F1	86B0
OP1	175C1	86C5
ORCO	158B4	86B2
ORC1	157F9	86B2
ORC2	151F1	86B2
P	176B6	86G2
P1	174C6	86G2
P2L	164E1	86B2
P4L	164F1	86B2
P5	159E9	86C5
P5L	164G1	86B2
PA	160E1	86G2
PRL	142C4	86B0
PRLK	144D9	86B2
PRLT	161D1	86B2
PT	176D6	86G2
PT1	175F1	86G2
RA1		86F5
RA2		86F5
RA3		86F5
RB	161F4	86C5

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
RCCK	11F5	86G0
RCI	21A1	86G0
RD	175D9	86G2
RDL	161C9	86G2
REO	165G4	86B2
RE1	162B1	86B2
RGO	160B6	86B0
RG1	160D4	86B0
RG2	160F4	86B0
RG4	141G6	86B0
RG7	141G6	86B0
RGK	144E6	86B2
RK	174B6	86C5
RL	155G1	86C5,E5
RL1	155C4	86B2
RLA	162G4	86C5
RNO,1,2	162F6	86F5
RN4,7	162H6	86F5
RNA	21A2	86B0
ROP	142B4	86B0
ROPT	163E1	86B2
RSTO-9	143D6	86A5
SC	164C6	86C5
SKO	165D1	86B2
SK1	155C1	86B2
T4L	144H6	86B2
T5L	144G6	86B2
TARO	143H1	86B2
TAR1	143B4	86B2
TAR2	143C4	86B2
TAR3	143C4	86B2
TBL	176B1	86G2
TC	144B4	86B2
TC1	1A/C4	
TCT	167B6	86G2
TEA	175C9	86C5
TET	167E6	86C5
TIO-3	168E6	86B2
TIAO-3	163B4	86B2

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CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
TIC	168E6	86C5
~~TIK~~	168F6	86C5
TM	6E5	86F0
TMI	173C8	86G7
TM2	164D9	86G7
TM2T	173C8	86G7
TM3T	164D9	86G7
TNR	176B1	86C5
TOK	176E1	86C5
TR	152F4	86A5,B5
TRA	169E6	86C5
TRB	13C8	86G0
TRIT	148D4	86B2
TRL	174E6	86C5
TRS	169D9	86A5
TRST	1A/C5	86G0
TVA	1A/B4	86G0
TVB	1A/B4	86G0
TVT	11C2	86G0
TVT3(-)	21D2	86G0
TVTA(-)	8E5	86G0
UK	171D4	86G2
VTC	172D0	86B2
WKC	173C6	86B2
X2P	141E4	86C5
XCK	168G6	86C5
XICK	173B4	86G7
XIN1	146G4	86B2
XIN2	146B6	86B2
XIN3	154D6	86B2
XP	145E9	86C5
XRA	146B6	86B2
XRB	163D9	86C5
XRL	155C9	86C5
XS	146E6	86B2
XT	176G1	86G2
XTKK	173E9	86G2
XU	173D4	86C5

CAMA TRANSVERTER CONNECTOR (CTVC)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	143F4	89E7
CN3	143G4	89E7
CNG	27F3	89D7
FRO	148B9	89E7
FRG	27F8	89D7
SO-14		90A7
SG	28G3	89D7

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
ONN	139B1	74E7,112C2
1SE	139B1	74E7,112C2
2DT	139F1	74E5,112C0
2L	139F1	74E7,112C4
2LI	139G1	74E7,112C4
2LN	139G1	74E7,112F2
2LV	145B1	74A0
2SA	139H1	74E7,112C2
2W	139D4	57C0,74E7, 112B2
2WD	139E4	57C0,74E7, 112B2
2WD1	139E4	57C0,74E7 112B2
3NA	139E4	74E7,112C2
4B	139F4	74E5,112F2
4DG	139G4	74E7,112C2
4NE	139B6	74E7,112C2
4W	139C6	57C0,74E7, 112B2
5DG	139D6	74E7,112C2
5I	139E6	74E5,112F2
5ST	139E6	74E7,112C2
6NT	139F6	74E7,112C2
7RN	139G6	74E7,112C2
7T	139H6	74E7,112C2
8SP	13989	74E7,112C2
9NP	13989	74E7,112C2
11	139C9	74E5,112C0
A	13909	74E5,112E0
A0,1,2,4,7	13909	74E5,112C0
A'0	140B1	74E5,112E0
A'1	140C1	74E5,112E0
A'2	140C1	74E5,112E0
A'4,7	140E1	74E5,112E0
ACD	140F1	74E7,112F2
AD	140B4	74E7,112F2
AD'	140C4	74E7,112F2
AF	140C4	7480
AFI	140C4	7480
AFK	140D4	7480
AG1	140D4	57C0,74E7
AG2	140E4	57C0,74E7
AG3,4	140E4	74E7
AG5	144B4	74E7
AG6	151D6	74E7
AGCK	140F4	74E7,112F2
AIS	14086	74E7,112F2
AK	140C6	74E5,112E0
AL	140C6	74E7,112F2
ALN	165D4	74E5,112F2
ALT	140D6	74E7,112C4
AMA	140D6	74E5,112C0
AN	140E6	74E5,112C0

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
AOT	140F6	74E7,112C4
ARO,1	140G6	74E5,112C0
AR2,4,7	140H6	74E5,112C0
ATT	147B1	74E7,112C2
AVK1	140E9	74E5,112C0
B0,1,2,4,7	140F9	74E5,112C0
B'0,1,2,4,7	141B1	74E5,112E0
BCN	141C1	74C0
BLC	141C1	74E7,112C4
BLDA	141D1	74E7,112C4
BLT	141D1	74E7,112C4
BN	141E1	74E5,112C0
BRO,1	141F1	74E5,112C0
BR2,4,7	141G1	74E5,112C0
BRL	141B4	57C0,74E7, 112B2
BRT	141C4	57C0,74E7, 112B2
BST	141D4	57C0,74E7, 112F2
BT	141D4	74E5,112C0
BTT	141F4	74E7
BY	141G4	74E7,112F2
C0,1,2,4,7	141B6	74E5,112C0
C'0,1,2,4,7	141D6	74E5,112E0
CAM	141E6	74E7,112F2
CAMA	141F6	74E7,112F2
CAMF	141F6	74E7,112F2
CAMS	141G6	74E7,112F2
CCK	141H6	74C0
CCK1	141B9	74C0
CDO	141B9	57C0,74E7, 112B2
CD1	141C9	57C0,74E7, 112B2
CD2,4	141E9	57C0,74E7, 112B2
CD7	141G9	57C0,74E7, 112B2
CD10	16004	74E7,112B2
CD15	161C1	74E7,112B2
CD'0	16286	74E5,112G0
CD'1	161C4	74E5,112G0
CD'2	176C9	74E5,112G0
CD'4	158C4	74E5,112G0
CD'7	142G6	74E5,112G0
CDA0,1	147C6	57C0,74E7
CDA2,4,7	147D6	57C0,74E7
CDA'0,1,2,4	147G6	57C0,74E7
CDA'7	14789	57C0,74E7
CDN	142B1	74E7,112C2
CDNK	142B1	74E7,112C4
CDPO,1,2,4,7	142C1	7480
CDP10,15	142D1	7480
CDP'0,1,2,4,7	142E1	7480
CE	142G1	57C0,74E7
CE'	142G1	57C0,74E7, 112B2
CGA	142B4	74E7,112F2
CGB	142C4	74E7,112F2
CGT	142F4	74E7,112F2
CHO-4	142D6	74E5,112G0
CH5-9	142E6	74E5,112GG

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
CI	1D/D6	74D2,111GO
CIRL		74A0
CK	142B9	74E5,112G0
CKG	142C9	74E5,112G0
CKG1	142D9	74E7,112C4
CKO	142E9	74E5,112E0
CKR	142F9	74E5,E7, 112E0,F4
CKR1	143B1	74E7,112F4
CL1,2	143C1	74E5
CL3	143E1	74E5
CL4	143F1	74E5
CL5	143G1	74E5
CL6,7	143B4	74E5
CL8	143C4	74E5,112C0
CLG	168F9	74E5,112G0
CLK	167H4	74E5,112G0
CM	143D4	74E7,112F2
CN	143E4	74E5,112G0
CNR	144B1	74E7,112C2
CNS	144B1	74E5,112C0
CNT	144C1	74E5,112F2
CON	144C1	74E7,112F2
CPO,2,4	144D1	74E7,112C2
CP1,7	144E1	74E7,112C2
CR	144G1	74E5,112C0
CRO,1,2,4,7	144G1	74E5,112C0
CRU0	144C4	74E5,112C0
CRU1	144D4	74E5,112C0
CRU2	144E4	74E5,112C0
CRU4	144F4	74E5,112C0
CRU7	144G4	74E5,112C0
CSO-29	144B6	74E7,112F2
CSG1	144D9	74E7,112C4
CSG2	144E9	74E7,112C4
CSW	145B1	74E7,112F2
CTO	145C1	74E5,112G0
CT1	145D1	74E5,112G0
CT2	145F1	74E5,112G0
CT4	145B4	74E5,112G0
CT7	145C4	74E5,112G0
CTAO	145E4	74E7,112C4
CTA1,2	145E4	74E7,112C4
CTA4,7	145F4	74E7,112C4
CTI	145F4	74E7,112C4
CTTO,1,2,4,7	145H4	74E7,112C4
CTUK	145B6	74E5,112G0
CUO	145C6	74E7,112F2
CU1	145E6	74E7,112F2
CU2	145F6	74E7,112F2
CU4	145B9	74E7,112F2
CU7	145D9	74E7,112F2
CUTO,1,2,4,7	145E9	74E7,112C4
CWCN	145F9	74C0
CWK	146C1	74E5,112E0
D	146D1	74E7,112F2
DO,1,2,4	146E1	74E5,112C0
D7	146G1	74E5,112C0
D'0,1,2,4,7	146B4	74E5,112E0
DAC	146C4	74E5,112F2

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
DAT	146C4	74E7,112C4
DAT1	146D4	74E7,112C4
DATK	146E4	74E7,112C4
DCK	146B1	74E5,112C0
DCT	146E4	74E7,112F2
DCT1	146G4	74E5,112G0
DCT2	146B6	74E5,112G0
DCT3	146C6	74E7,112F2
DF1	146C6	74C0
DIS	146C6	74E7,112C4
DIS1	146D6	74E7,112F2
DLI-5	142C9	74E5,112C0
DL6	146F6	74E5,112C0
DLT	146G6	74E5,112F2
DLTK	146H6	74E7,112C4
DN	146B9	74E7
DNC	146C9	74E7,112F2
DNGA	146C9	74E7,112B2
DNGB	146D9	74E7,112B2
DNGC	146D9	74E7,112B2
DNGD	146D9	74E7,112B2
DR	146E9	74E5,112E0
DT4,5,7	147E1	74E7,112C4
DTF	147F1	74E5,112F2
DTI	147G1	74E7,112C4
DTK	147B4	74E7,112F2
E0,1,2,4,7	147D4	74E5,112C0
E'0,1,2,4,7	147F4	74E5,112E0
ECN	147B6	74E7,112C2
EF	147G6	74E5,112G0
EG	147B9	74E5,112E0
ELL	147C9	57C0,74E7, 112B2
EN	147C9	74E5,112E0
ENI	147D9	57C0,74E7, 112B2
ESCK	147D9	57C0,74E7, 112B2
EXB		74E7,112F2
EXG		74E7,112F2
EXT	147F9	74E7,112C4
F	147G9	74E7,112C4
FO,1,2,4,7	148B1	74E5,112C0
F'0,1,2,4,7	148C1	74E5,112E0
FAA	SEE FATC CKT	74E7,112F2
FAB		74E7,112F2
FAC	148F1	74E5,112C0
FAD	148G1	74E7,112C2
FAK	148G1	74E5,112C0
FBK	148B4	74E5,112C0
FC	148C4	74E7,112F2
FCG	148C4	74E5,112G0
FCK	148E4	74E7,112F2
FGO	148G4	74E5,112C0
FG1	148C6	74E5,112C0
FG2	148D6	74E5,112F2
FGA	148D6	74E7

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
FK	148E6	74E7,112F2
FLG	161E1	74E7,112F2
FM	148E6	74E5,112G0
FML	148F6	74E5,112G0
FNA	148G6	74E7,112F2
FNB	148B9	74E7,112F2
FSO-2	149B1	74E5,112C0
FS3,4	149C1	74E5,112C0
FS5-9	149D1	74E5,112C0
FS10-14	149E1	74E5,112C0
FS15-19	149F1	74E5,112C0
FS20,21	149G1	74E5,112F2
FS22-26	149B4	74E5,112F2
FS27-29	149C4	74E5,112F2
FTO-3	149B6	74E5,112C0
FT'0	149E6	74E5,112G0
FT'1	149F6	74E5,112G0
FT'2	149B9	74E5,112G0
FT'3	149C9	74E5,112G0
FUO,1,2,4,7	150D1	74E5,112C0
FU'0	150F1	74E5,112G0
FU'1,2,4,7	150G1	74E5,112G0
FUTO	150B4	74E7,112F2
FUT5-7	150C4	74E7,112F2
FUT8,9	150D4	74E7,112F2
FVD	150F4	74E5,112C0
G	150F4	74E7,112C4
GO,1,2,4,7	150B6	74E5,112C0
G'0,1,2,4,7	150C6	74E5,112E0
GLA	150E6	74E5,112E0
GLB	150E6	74E5,112E0
GLH	150E6	74E5,112G0
GPA	14009	74E7,112C2
GPB	150F6	74E7,112C2
GS1-4	15089	74E7,112C2
GS5	150C9	74E7,112C2
GT2	150D9	74E5,112G0
GT5	150E9	74E5,112G0
GTL	150F9	74E5,112G0
HO,1,2,4	151B1	74E5,112C0
H7	151C1	74E5,112C0
H'0,1,2,4,7	151D1	74E5,112E0
HF	151G1	74E7,112F2
HFA	151G1	74E7,112C2
HGO,1,2,4,7	151B4	74E5,112C0
HG'0,1,2,4,7	151C4	74E5,112C0
HGK	151D4	74E7,112F2
HGTO-4	151E4	74E7,112F2

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
HGT5-9	151G4	74E7,112F2
HMS1	151E6	74E5,112C0
HNO-4	151F6	74E5,E7, 112E0,F4
HN5-9	151C9	74E5,E7, 112E0,F4
HTO,1,2,4,7	152C1	74E5,112C0
HTK1	152D1	74E5,112G0
HTR	152E1	74E7,112F2
HTUK	152F1	74E5,112E0
JO,1,2,4,7	15286	74E5,112C0
J'0,1,2,4,7	152C6	74E5,112E0
JCO-4	152D6	74E5,112G0
JC5-9	152E6	74E5,112G0
JCK	152E9	74E5,112G0
JG0	153B1	74E5,112G0
JG1	153C1	74E5,112G0
JG2	153D1	74E5,112G0
JG3	153E1	74E5,112G0
JG4	153G1	74E5,112G0
JSQO-4	153B4	74E7,112C4
JSQ5	153C4	74E7,112C4
JSSF	153D4	74C0
JXP1	153E4	74E5,112G0
JXPA	153D4	74E5,112E0
JXW1	153G4	74C0
JXWA	153H4	74C0
KO,1,2,4,7	153B6	74E5,112C0
K'0,1,2,4,7	153C6	74E5,112E0
KJSQ	153D6	74E7,112C4
KM	153E6	74E7,112C4
LO,1,2,4	153F6	74E5,112C0
L5D	16201	74E7,112C2
L7	153F6	74E5
L'0,1,2,4,7	153B9	74E5,112E0
LAN	153C9	74E7,112F4
LB	153C9	74E5
LCDO	154B1	74E7,112F2
LCD1	154C1	74E7,112F2
LCD2	154D1	74E7,112F2
LCH	154E1	74E5
LCK	154E1	74E7,112F2

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
LDN	154F1	74E7,112C4
LDT	154G1	74E7,112F2
LES1	154B4	57C0,74E7, 112B2
LESK	154B4	57C0,74E7, 112B2
LFK	154B4	74E5,112G0
LFK1	~~154C4~~,D4	74E7,112C4
LHM	154E4	74E7,112C4
LHMT	154F4	74E7,112C4
LI	154G4	74E7,112F2
LIO,1	154H4	74E7,112C4
LIN	15486	79E5,112G0
LK	154C6	74E5,112G0
LK1	154D6	74E7,112F2
LK2,3	15406	74E7,112C4
LLO,1	16884	74E5,112C0
LL2,4	168D4	74E5,112C0
LL7	154F6	74E5,112C0
LLCO-3	154H6	74C0
LLCK	15489	74C0
LLE1	154C9	57C0,74E7, 112B2
LLES	154C9	57C0,74E7, 112B2
LLI	154D9	74E7,112C4
LLJ	154D9	74E7,112C4
LLP	154E9	74E7,112C4
LLP2	155B4	74E7,112F4
LOLD	155C1	74E7,112C4
LOLL	155D1	74E7,112F2
LOLP	155E1	74E7,112C4
LNP	155B1	74A0
LNPR	155B1	74A0
LPO-2	155E1	74B0
LPI	155F1	74E7,112C4
LPMK	155F1	74A0
LR	155G1	74E5,112C0
LRA	155B4	74E7,112C4
LRI	155C4	74E7,112C4, F2
LRL	155C4	74E7
LRR	155D4	74E7,112C4
LRS	155D4	74E7,112C4
LSK	155E4	74C0
LSK1	155E4	74C0
LST	154D4	74E7,112C2

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DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
LT	164B9	74E5,112C0	
LT1	155F4	~~74E5,112C0~~	
LT2	155G4	74E5,112C0	
LT3	155H4	74E5,112C0	
LTG	~~1080~~	~~74D2,111C0~~	
LVM	155E6	74E7,112C4	
LWL	165F4	74C0	
LXPA	155G6	74E5,112G0	
LXPI	155B9	74E5,112G0	
LXWI	155C9	74C0	
LXWA	155D9	74C0	
M	155E9	74E7,112F2	
M0,1,2	156B1	74E7,112B2	
M4	156B1	57C0,74E7, 112B2	
M7	156B1	74E5,112C0	
M'0	156D1	57C0,74E7, 112B2	
M'1,2,4	156E1	74E7,112B2	
M'7	156F1	74E5,112E0	
MAK1	156G1	74E7,112F2	
MB	11G2	74D2,111G0	
MB0,1,2	156B4	74E7,112C2	
MB4,7	156C4	74E7,112C2	
MCS	156E4	74E7,112F2	
MF	156E4	74E7,112F2	
MIT	6C5	74D2,111G0	
MKA	1D/B6	74D2,111G0	
MKB	1D/B6	74D2,111G0	
MKB1	1D/D7	74H2	
MKT(-)	763	74D2,111G0	
MMK	170F9	74C0	
MO1	156B6	74E7,112C4	
MON	156C6	74E5,112C0	
MPP	156D6	74E5,112C0	
MPT	156E6	74E7,112F2	
MRI	145F4	74E7,112C4	
MRL	156E6	74E7,112F2	
MT	11B2	74D2,111G0	
MT1K	156B9	74E7,112C4	
MT2K	156D9	74E7,112C4	
MT3K	156D9	74E7,112C4	
MT4K	156E9	74E7,112C4	
MT5	156E9	74E7,112C4	
MT7	156F9	74E7,112C4	
MT7K	156C9	74E5,112G0	
MT8K	157B1	74E7,112C4	
MT9K	157B1	74E7,112C4	
MT10K	157C1	74E7,112C4	
MT12	157C1	74E5,112G0	
MT38K	157D1	74E5,112F2	
MT57	157D1	74E7,112C0	
MXT	157E1	74E5,112G0	
N7	157F1	57C0,74E7, 112B2	
N'7	157G1	74E7,112B2	
NAMA	157H1	74E7	
NDI	157D4	74E5,112G0	
NDK	157D4	74E5,112C0	
NDT	157E4	74E7,112F2	
NE	157E4		
NGK	157C9	74E5,112C0	
NGK1	150E6	74E5,112E0	
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NPR	158E1	74A0	
NR	158E1	74E5,112E0	
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OCN	158F6	74E7,112C2	
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ORK	162C4	74E5,112G0	
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OTT	159D6	74E7,112F2	
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P5	159C9	74E5,112G0	
P6,7	159E9	74E5,112G0	
P8	160B1	74E5,112G0	
P9	160C1	74E5,112G0	
PA	160D1	74E5,112G0	
PAN	160F1	74E7,112C4	
PB	160G1	74E5,112G0	
PBN	160B4	74E5,112E0	
PBX	160B4	74E7,112C4	
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PCD	160E4	74E5,112C0	
PCD1	160F4	74E5,112C0	
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PD	160C6	74E5,112C0	
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PHC	160F6	74E5,112C0	
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SCK	164E6	74E5,112C0	
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XCP	174E4	74E5,112G0	
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1TR	139E0	SEE MTC CKT
2W	139D2	
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4W	139C5	
AIODT2	160F7	
BN	141E0	
CIB	5C7	
CK	142B7	130C0
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CKGI	142D7	SEE MTC CKT
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MASTER TEST FRAME CONNECTOR CKT

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MC	156D2	SEE MTC CKT
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CGA	142B4	83C3,112B6
CGB	142C4	83C3,112B6
CGC	142E4	83C3,112B6
CHO-4	142D6	83B0,112F6
CH5-9	142E6	83B0,112F6
CI	1D/D0,D3	83E0,111G5
CK	142B9	83B0,112F6
CKG	142D9	83B0,112F6
CKG2	142E9	83C5,112G8
CN	143E4	83B0,112F6
CON	144D1	83C3,112B6
CRUO	144C4	83E3,112F6
CRU1	144D4	83E3,112F6
CRU2	144E4	83E3,112F6
CRU4	144G4	83E3,112F6
CRU7	144H4	83E3,112F6
CSO-29	144B6	83C3,112B6
CSG1	144D9	83C3,112G8
CSG2	144E9	83C3,112G8
CTO	145C1	83B0,112F6
CT1	145D1	83B0,112F6
CT2	145F1	83B0,112F6
CT4	145B4	83B0,112F6
CT7	145D4	83B0,112F6
CUO	145C6	83C3,112B6
CU1	145E6	83C3,112B6
CU2	145G6	83C3,112B6
CU4	145B9	83C3,112B6
CU7	145C9	83C3,112B6
CWF	146B1	83B0,112F6
CWK	146C1	83B0,112F6
D	146D1	83C3,112B6
DAT1	146D4	83B0,112F6
DC1	146F4	83C3,112B6
DCT1	146G4	83B0,112F6
DIS	146D6	83C3,112G8
DIS1	146B6	83C3,112B6
DTK	147B4	83C3,112B6
EF	147F6	83B0,112F6
EXB	25F2	83C3,112B6
EXG	25F2	83C3,112B6
EXT	147F9	83C3,112G8
FAK	148H1	83E3,112F6
FCG	148D4	83C3,112B6
FCK	148E4	83C3,112B6
FM	148F6	83B0,112F6
FML	148G6	83B0,112F6
FSO-2	149B1	83F3,112F6
FS3,4	149C1	83F3,112F6
FS5-9	149D1	83F3,112F6
FS10-14	149F1	83F3,112F6
FS15-19	149G1	83E3,112F6
FS20,21	149H1	83E3,112D6
FS22-26	149B4	83E3,112D6
FS27-29	149C4	83E3,112D6
FTO-3	149B6	83E3,112F6
FT'O	149E6	83B0,112F6
FT'1	149F6	83B0,112F6
FT'2	149B6	83B0,112F6
FT'3	149C9	83B0,112F6
FTC	149D9	83C3,112G8
FTCK	149E9	83C3,112B6
FTK1	149F9	83B0,112F6

DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD
FTTO	150B1	83C3,112B6
FTT1-3	150C1	83C3,112B6
FTT4,5	150C1	83E3,112D6
FUO,1,2,4,7	150D1	83F3,112F6
FU'0,1,2,4,7	150G1	83B0,112F6
FUTO-4	150C4	83C3,112B6
FUT5-7	150D4	83C3,112B6
FUT8,9	150E4	83C3,112B6
G	150G4	83C3,112G8
GLH	150F6	83B0,112F6
GT2	150D9	83B0,112F6
GTL	150F9	83B0,112F6
HG'0,1,2,4,7	151C4	83B0,112F6
HGK	151E4	83C3,112B6
HGTO-4	151F4	83C3,112B6
HGT5-9	151G4	83C3,112B6
HMSI	151E6	83E3,112F6
HTKI	152D1	83B0,112F6
HTR	152E1	83C3,112B6
JCO-4	152D6	83B0,112F6
JC5-9	152E6	83B0,112F6
JCK	152E9	83B0,112F6
JGO	153B1	83B0,112F6
JG1	153C1	83B0,112F6
JG2	153D1	83B0,112F6
JG3	153F1	83B0,112F6
JG4	153G1	83B0,112F6
JSQO	153B4	83C3,112G8
JSQ1-5	153C4	83C3,112G8
JXPI	153F4	83B0,112F6
JXPA	153E4	83B0,112F6
KJSQ	153D6	83C3,112G8
LCK	154E1	83C3
LDT	154G1	83C3,112B6
LFK	154C4	83B0,112F6
LHM	154F4	83C3,112G8
LHMT	154F4	83C3,112G8
LK	154C6	83B0,112F6
LK2,3	154E6	83C3,112G8
LLO,1	168B4	83B0,112F6
LL2,4	168D4	83B0,112F6
LL7	154F6	83B0,112F6
LLJ	154D9	83C3,112G8
LOLL	155E1	83B0,112F6
LXPA	155H6	83B0,112F6
LXPI	155B9	83B0,112F6
M	155E9	83C3,112B6
MAKI	156G1	83C3,112B6
MAN	167G1	83B0,112F6
MB	11G2	83E0,111G5
MF	156E4	83C3,112B6
MG	SEE LLMC, TLLMC CKT	83E0,111G5
MIT	6C5	83E0,111G5
MKA	1D/B0,D2	83E0,111G5
MKB	1D/B1,B2	83E0,111G5
MLF	156H4	83C3,112B6
MLFA	156B6	83C3,112G8
MOI	156B6	83C3,112G8
MRL	156F6	83C3,112B6
MT	11B2	83E0,111G5
MT2K	156D9	83C3,112G8
MT3K	156E9	83C3,112G8
MT5	156F9	83C3,112G8
MT7	156G9	83C3,112G8
MT8K	157B1	83C3,112G8
MT9K	157C1	83C3,112G8

DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD
MXT	157F1	83B0,112F6
NC	157B4	83E3,112F6
NTH	158D4	83C3,112G8
OBSI	169C4	83C3,112B6
OBS2	169B4	83C3,112B6
OCI	158E6	83C3,112G8
PO-2	159G6	83B0,112F6
P3,4	159B9	83B0,112F6
P5	159D9	83B0,112F6
P6,7	159F9	83B0,112F6
PB	160B1	83B0,112F6
P9	160C1	83B0,112F6
PA	160D1	83B0,112F6
PB	160G1	83B0,112F6
PBX	160B4	83E3,112F6
PC	160C4	83B0,112F6
PE	160E6	83E3,112D6
PKI	160B9	83B0,112F6
PNR	160E9	83B0,112F6
PR	161B1	83B0,112F6
RA	161E4	83C3,112B6
RC	161H4	83C3,112G8
RCCK	11D5	83E0,112G8
RCY	161B9	83C3,112G8
RF	162C1	83B0,112F6
RK	162B4	83B0,112F6
RK1	162D4	83B0,112F6
RK2	162E4	83B0,112F6
RK3	162F4	83B0,112F6
RL2	175G4	83C3,112G8
ROA	163C1	83E3,112F6
RON	12F8	83E0,111G5
RTO-3	164D1	83C3,112G8
SDT	164C9	83C3,112B6
SEF	164F9	83B0,E3, 112D6,F6
SF	165B1	83B0,112F6
SL	165F1	83C3,112B6
SNK	165C4	83B0,112F6
SQA	165H4	83B0,112F6
STP1	165B9	83C3,112B6
STP2	165C9	83C3,112B6
TB	166G4	83C3,112G8
TBO	166B6	83B0,112F6
TBK	166D9	83B0,112F6
TBT	167D1	83C3,112G8
TCI	167F1	83C3,112B6
TCHO-4	167E4	83C3,112G8
TCH5-9	167F4	83C3,112G8
TCHK	167G4	83C3,112B6
TDCI	167C6	83C3,112G8
TGO,1	167C9	83B0,112F6
TG2-4	167D9	83B0,112F6
TG5	167E9	83B0,112F6
THGTO-9	168C6	83C3,112G8
TK	168B9	83B0,112F6
TLH	168D9	83C3,112F6
TM	169C1	83C3,112F6
TR1	169C6	83C3,112G8
TR2	169D6	83C3,112B6
TRB	1304	83E0,111G5
TRK	139E1	83C3,112B6
TRL	169G6	83C3,112B6
TRR	169C9	83C3,112G8
TRS	169D9	83C3,112B6
TRST	1D/D0,D2	83E0,11G5
TRT	169F9	83C3,112G8
TSO-3	170C1	83B0,112F6
TS4	170D1	83B0,112F6
TS5-9	170E1	83B0,112F6
TSE	170G4	83C3,112B6
TSE1	170B6	83C3,112G8
TSE2	170C6	83C3,112G8

DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD
TSK	SEE TLC CKT	83C3,112G8
TSM	170E6	83C3,112G8
TTF	170E9	83B0,E3 112D6,F6
TTT	171D1	83C3,112G8
TVFTO-4	171D1	83C3,112G8
TVGTO-9	171E1	83C3,112G8
TVGT10-11	171F1	83C0,112G8
VF'0-4	171G6	83B0,112F6
VFTO	171B9	83B0,112F6
VFT1	171B9	83B0,112F6
VFT2	171E9	83B0,112F6
VFT3	172B1	83B0,112F6
VFT4	172D1	83B0,112F6
VG'0,1,2,4,7	172E4	83B0,112F6
VG'10	172G4	83B0,112F6
VGA	172B6	83C3,112G8
VGTO-4	172B6	83C3,112B6
VGT5-9	172C6	83C3,112B6
VGT10,11	172D6	83C3,112B6
VTKI	172E9	83B0,112F6
WAT	172F9	83B0,112F6
WDC1	173D4	83B0,112F6
WGA	173G4	83B0,112F6
WGB	173H4	83B0,112F6
WT	173C9	83C3,112B6
WTK	173E9	83B0,112F6
XAB	174C1	83B0,112F6
XBT	174D1	83B0,112F6
XCH	174G1	83B0,112F6
XCL	175C9	83B0,112F6
XCS	174G4	83B0,112F6
XCW	174B6	83B0,112F6
XF	174D6	83B0,112F6
XHG	174C9	83B0,112F6
XJC	175D1	83B0,112F6
XJG	175E1	83B0,112F6
XJS	175G1	83B0,112F6
XLC	175C4	83B0,112F6
XLG	175E4	83B0,112F6
XLH		83B0,112F6
XLR	174D4	83B0,112F6
XLS	175D6	83B0,112F6
XLV	175E6	83B0,112F6
XSL	176G1	83B0,112F6
XTC	176E4	83B0,112F6
XTCI	176G4	83B0,112F6
XTGI	176C6	83B0,112F6
XTRK	174B4	83B0,112F6
XTRL	176B4	83B0,112F6
XTS	176F6	83B0,112F6
XTSI	176H6	83B0,112F6
XVGA	176B9	83B0,112F6
XVGB	174B6	83B0,112F6
XWB	176C9	83B0,112F6

DIRECT ACCESS PRETRANSLATOR CONNECTOR (DAPC)

DESIG	LOCATION FS	LOCATION CAD
DACO	157F4	80B/F3
DAC1,2	157F4	80B/E3
DACA	157D6	80B/F3
DACB	157E6	80B/F3
NG	11F8	74B2,111GO
NG1	11F8	74B2,111GO

DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)

DESIG	LOCATION FS	LOCATION CAD
1TR	139C1	55A7,86C5, 121A/AO
2TR	13984	55A7,86C5, 121A/AO
AO,1,2,4,7	139F9	55A1,86D7, 121A/B3
BO,1,2,4,7	140G9	55A1,86D7, 121A/B3
CO,1,2,4,7	141C6	55A1,86D7, 121A/D3
DO,1,2,4	146E1	55A1,86D7, 121A/D3
D7	146F1	55A1,86D7, 121A/D3
EO,1,2,4,7	147E4	55A1,86G5, 121A/D3
FO,1,2,4,7	148C1	55A1,86G5, 121A/D3
FGO	148G2	13180
FG1	14885	13180
FG2	148C5	13180
FTO-3	149C6	55H3,86D2, 121A/F3
FUO,1,2,4,7	150E1	55A7,86D2, 121A/F3
GO,1,2,4,7	150C6	55A1,86G5, 121A/AO,FO
H7	151D1	55A1,86G5, 121A/AO,FO
HGO,1,2,4,7	15184	55A7
KAMA	157E1	
KM	153E6	
MTI2	15701	
RPT	172B9	13180
RP	172B9	86D2,121A/F3
SWO,1,2,4,7		55A7,121A/F3
TFO,1,2	167F5	13180
TF4	167H5	13180
TF7	16786	13180
TP	172F6	121A/F3
TPT	172F6	55A7
TRIT		55A7
TRP		13180
TRS	169D9	55A5,86A5, 121A/AO
VFO	171D6	55A7,121A/F3
VF1-4	171E6	55A7,121A/F3
VGO,1	172E1,F1	55H3,86D2 121A/F3
VG2	172G1,H1	55H3,86D2, 121A/F3
VG4,7	172B4,C4	55H3,86D2, 121A/F3
VG10	172D4	55H3,86D2, 121A/F3
WKC	173C6	

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
1TR	139E0	
2LN	139G0	
2W	139D2	
2WT	163D3	
4DG	139H2	
4W	139C5	
4WT	163C3	

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
AIODT2	160F7	
BLDA	141D0	130G0
BLT	141E0	130G0
BN	141E0	
CIB	5C7	
CK	142B7	130D0
CKG	175C7	
CKG1	142D7	
CKO	142F7	
CSO-29	144B5	
CSG1	144D7	
CTI	145F2	
DAT	146C2	
DCK	146B0	130D0
EN	147C7	130G0
FLG	161E0	
FNA	148H5	
FNB	148B7	
FTO-3	149C5	
FTTO	150B0	
FTT1-5	150C0	
FUO,1,2,4,7	150D0	
FUTO-4	150B2	
FUT5-7	150C2	
FUT8,9	150D2	
GC		
H'0,1	172F0	
H'2	172G0	
H'4,7	172B3	
H'10	172D3	
HGO,1,2,4,7	151B2	
HGTO-4	151E2	
HG5-9	151F2	
HNO-4	151B7	
HN5-9	151E7	
HTUK	152F0	130D0
KM	153E5	130G0
LDN	154F0	
LFK	154C2	
LHM	154E2	
LIN	154B5	130G0
LLI	154D7	
LLP	154E7	
LOLL	155E0	
LTP	1A/C5	
LVP	1E/D3	
MB4,7	156C2	
MC	156D2	
MCO,1	156B7	130D0
MKS	7F7	
MKTO	7E7	
MKTI	7E7	
MLV	140F1	
MOA	156C5	
MRI	145F2	
MTIK	156B7	
NGK	157C7	
NN	140G2,157F7	
NOB	158B0	
NSP	169D3	
OF	158C7	
OFFO-2	157F3	
OFF3,4	157H3	
OFF5	1578 5	
OFF6-9	157C5	
OFTO	157F5	
OFT1,2	157G5	
OSGO-4	159F0	
OSG5-9	159G0	
OSG10,11	15983	
PAN	160F0	
PN	160D7	130G0
POTS	160F7	130D0
PTK	161B3	130G0
PTN	161B3	130G0
RCTI	161C5	
RI	162E0	
RIP	162F0	
RN4,7	162G5	
RNG	162B7	130D0
RNTO	158G5	
RPT	172C8	
RSO,1	163B7	
RSK	163C7	
SO-9	164G3	
SON	165E3	130D0
SPL	157D7	
TO-4	166C0	
T5-9	166F0	
TBI	166D7	
TBSO	167B0	130D0
TBS1-3	167C0	130D0
TBTO-4	151F5	130D0
TBT5-9	151C7	130D0
TBUO-4	166B0	130D0
TBU5-9	166E0	130D0
THO-4	151H5	
TH5-9	151E7	
TH'0,1,2,4,7		
TIK	168F5	
TLV	140F1	
TN	169E0	130G0
TNK	169G0	130D0
TOG	169E3	
TPT	172G5	
TR	152F2	
TRA	169E5	
TRK	139E0	
TRL	169G5	
TS	6C8	
TSO,1	11A2	130D0
TSL	170D5	
TSTL	170F5	
TVS	8F6	
TVTO,1	8E6	
UO-9	171B3	
U'0	171D5	
U'1,2,4,4	171F5	
UNO-4	171E3	130D0
UN5-9	171F3	130D0
VFO	171D5	
VF1-4	171F5	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
VFT0	171C7	
VFT1	171D7	
VFT2	171F7	
VFT3	172C6	
VFT4	172D0	
VG0,1	172F0	
VG2	172G0	
VG4,7	172B3	
VG10	172D3	
VGT0-4	172C5	
VGT5-9	172D5	
VGT10,11	172E5	

FOREIGN AREA TRANSLATOR CONNECTOR (FATC)

DESIG	LOCATION FS	LOCATION CAD
FAA	148E1	SEE CM CKT
FAB	148E1	
TFA	167B9	

INCOMING REGISTER (IR)

DESIG	LOCATION FS	LOCATION CAD
RG0-9	143B6	81A1
RG10-15	143E6	81A1
RG16-19	143B9	81A1

INCOMING REGISTER MARKER CONNECTOR-MARKER PART (IRMC-MP)

DESIG	LOCATION FS	LOCATION CAD
RGG	28C3	74A2,111D0

INCOMING REGISTER MARKER CONNECTOR REGISTER PART (IRMC-RP)

DESIG	LOCATION FS	LOCATION CAD
RG0-9	143B6	
RG10-15	143E6	
RG16-19	143B9	

INCOMING REGISTER TEST (IRT)

DESIG	LOCATION FS	LOCATION CAD
M	155E7	SEE MTC CKT
SRT	147C0	SEE MTC CKT

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

DESIG	LOCATION FS	LOCATION CAD
AL	140D5	131D6
BR2	165B7	
BT	141E2	131D6
BY	141G2	131D6
CO,1	17F0	131D6
CKG	142D7	131D6
EF	25F8,147F5	131D6
GPA	140D7	131D6
GPB	150G5	131D6
HF1	151G0	131D6
HF2	151F0	131D6
JCG	25G5	131D6
MKA(-)	1D/A6	131D6
MKA2(-)	1D/B0-B2	131D6
MKB	1D/B6	131D6
MKB2(-)	1D/A0-A2	131D6
MTR1,2	2D9	131D6
ON1,2	2A3	131D6
OP	1A/G0	131D6
OV	159E5	131D6
PRA-	1C/C1-C7	131D6
PRB-	1C/C1-C7	131D6
PRCY	163G3	131D6
RA	159F3	131D6
RCG	21B0	131D6
RCY	161B7	131D6
RF	25G8	131D6
RLK	162B5	131D6
RR	163G3	
SEF	25C2,164F7	131D6
STP1	165B7	131D6
STP2	165C7	131D6
TRL	169G5	131D6
TVB0,1	1A/A0,A3	131D6
TVA2-9	1A/A3	131D6
TVB0,1	1A/A0,A3	131D6
TVB2-9	1A/A3	131D6

JACK,LAMP AND KEY (JLK)

DESIG	LOCATION FS	LOCATION CAD
RTO-4	164C1	73B/B8

JACK,LAMP AND KEY CKT FOR ACD (JLK-ACD)

DESIG	LOCATION FS	LOCATION CAD
ROS	14G7	68D5

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
ITR	139C0	130D2
2WT	163D3	130D2
4DG	139G2	130D2
A0,1,2,4,7	139F7	130D2
B0,1,2,4,7	140F7	130D2

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
C0,1,2,4,7	141D5	130D2
CIB	5G7	130D2
CKG	175B7	130D2
D0,1,2,4	146F0	130D2
D7	146G0	130D2
DNK	176C7	130D2
DR		75A/B4
E0,1,2,4,7	147E2	130D2
F0,1,2,4,7	148C0	130D2
FS0-2	149B0	SEE MTC CKT
FT0-3	149D5	130D2
FTT0	150B0	SEE MTC CKT
FTT1-5	150C0	SEE MTC CKT
FU0,1,2,4,7	150D0	130D2
FUT0-4	150B2	
FUT5-7	150C2	SEE MTC CKT
FUT8,9	150D2	
G	15E3	75A/B0
GI	150D5	SEE MTC CKT
H7	151D0	75A/B0
H'0,1	130D2	
H'2	172E0	
H'4,7	172G0	
H'10	172B3	
HG0,1,2,4,7	151C2	130D5
HGT0-4	151E2	SEE MTC CKT
HGT5-7	151F2	SEE MTC CKT
HN0	151G5	130D5
HN1-4	151G5	SEE MTC CKT
HN5-7	151D7,E7	SEE MTC CKT
HN8,9	151D7,E7	130D5
IT	1B/E9	130D5
LA	1B/E9	75A/B0
LAL	1B/E9	75A/B0
MB4,7	156C2	130D5
MC	156D2	130D5
MKT(-)	7E1	83C5
NOB	158B0	130D5
NSP	169D3	130D5
ODT	158G5	SEE MTC CKT
OF	158B7	130D5
OFF0-9		130D5
OFT10-2		130D5
ON	2B1	75A/D4
RN4,7	162G5	130D5
RNT0	158G5	130D5
RON	2H6	75A/B0
RPT	172B7	130D5
S0-9		75A/B4
SP	15E3	75A/B0
SPC	15F3	75A/B0
SPL	157D7	130D2
STR	3C0	75A/D4
STR1	3C6	75A/B0,D4
STR2	3C5	75A/B0
STRA	3D5	75A/D4
THO-4	151H5	130D5
TH5-9	151D7	130D5
TIK	168F5	130D5
TPT		130D5
TR	152E2	130D5
TRC	12C8	75A/D4
TRST	1B/E8	75A/B0

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
TS	6A6	130D5
TS0-3	170C0	75A/B4
TSG	5D1	75A/B0
TSL	170E5	130D5
TVS	8E7	130D5
TVT0,1	8E7	130D5
U0-4	166D0, 171B3	130D5
U5-9	166G0, 171B3	130B5
U'0,1,2,4,7	171E5	
VF0-4	171E5	130B7
VG0,1	172E0	
VG2	172G0	
VG4,7	172B3	
VG10	172C3	
VGT0-4	172C5	
VGT5-9	172D5	
VGT10,11	172E5	

LINE,LINE LINK AND CONNECTOR (L,LL&C)

DESIG	LOCATION FS	LOCATION CAD
CM-	27H8	111D0
DTM-	27G8	111H5
TRC	27G8	32A0,83G0, 111D0,H5

LINE LINK CONNECTOR (LLC)

DESIG	LOCATION FS	LOCATION CAD
CM-	27H8	111D0
DTM-	27G8	111H5
LTA	108B	74F2,111C0
LTM	108B	74F2,
TRC-	27G8	32A0,83G0, 111D0,H5

LINE LINK MARKER CONNECTOR (LLMC)

DESIG	LOCATION FS	LOCATION CAD
2W	139C4	80B/B3
4W	139B6	80B/B3
CN0-9	139B6	80B/B3
CN10-15	143E6	80B/B3
CN16-19	143B9	80B/B3
CNG	27C3	74A2,83G0, 111D0,H5
FR0	148C9	80B/B3
FR1	148D9	80B/B3
FR2	148D9	80B/B3
FRG	27B8	74A2,83G0, 111D0,H5
MG	28E3	SEE DTM CKT

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
ITR	139E0	
2L	139F0	
2LI	139G0	
2LN	139G0	
2LV	145B0	
2W	139D2	
2WT	163D3	
4DG	139H2	
4NE	139B5	
4W	139C5	
4WT	163C3	
6NT	139F5	
A0,1,2,4,7	139E7	
AIODT2	160F7	
B0,1,2,4,7		
BN	141E0	
BST	141D2	
BT	141E2	
C0,1,2,4,7	141C5	SEE MTC CKT
CIB	5C7	
CKG	175C7	
CKGI	142D7	
CKO	142F7	
CKR	142F7	
CKRI	143B0	
CSO-29	144B5	
CSGI	144D7	
CSW	145B0	
CTI	145F2	
D0,1,2,4	146E0	
D7	146G0	
DAT	146C2	
DIS	146C5	
DNG	146C7	
DNGB	146D7	
DNGC	146D7	
EXT	147F7	
F	147G7	
FBK	148B2	
FG0	148G2	
FG1	148C5	104G4
FG2	148D5	104G4
FNA	148H5	
FNB	148B7	
FT0-3	149C5	
FTT0	150B0	
FTT1-5	150C0	SEE MTC CKT
FU0,1,2,4,7	150D0	
FUT0-4	150B2	
FUT5-7	150C2	
FUT8,9	150D2	
H'0	172F0	
H'1	172F0	
H'2	172G0	
H'4	172B3	
H'7	172B3	
H'10	172C3	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
HG0,1,2,4,7	151B2	
HGT0-4	151E2	
HGT5-9	151F2	
HN0-4	151B7	
HN5-9	151E7	
HTR	152E0	
INC	152C2	
IRS	152E2	
LAN	153C7	SEE MTC CKT
LCK	154F0	
LON	154F0	
LHM	154E2	
LHMT	154F2	
LLI	154D7	
LLP	154E7	
LLP2	155B2	
LOLL	155E0	
LRR	155D2	
LRS	155D2	
LTP	1A/C5	53A6,88G5, 123F2
LVF	155D6	
LVM	155E6	SEE MTC CKT
LVP	1E/D3	72C7
MB4,7	156C2	SEE MTC CKT
MC	156D2	SEE MTC CKT
MKS	7F7	72C7
MKTO,1	7E7	
MLV	+80F1	
MOI	156B2	
MOA	156C5	
MRI	145F2	
MRL	156G5	
MTIK	156C7	
NDT	157E3	
NGK	157C7	
NH	140G2	
NOB	158B0	
NSP		
OA	158H3	
OB	158B5	
ODT	158G5	
OF	158C7	
OFF0-2	157F3	
OFF3,4	157H3	
OFF5	157B5	
OFF6-9	157C5	
OFT0	157F5	
OFT1,2	157G5	
OSG0-4	159F0	
OSG5-9	159G0	
OSG10,11	159B3	
PAN	160F0	
PCD	160E3	
PCDI	160G3	
PCR	160C5	
POTS	160F7	
PTK	161B3	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
RC	161G3	
RCT	161B5	
RCT1	161C5	
RCT2-4	161D5	
RCT5-9	161D5	
RCT10-14	161E5	
RCT15	161F5	
RI	162E0	
RIP	162F0	SEE MTC CKT
RN4,7	162G5	
RNT0	158G5	
RPT	172C7	
RSK	163C7	
S0-9	164G3	
SPL	157D7	
STR	3G8	72C7
T0-4	166C0	
T5-9	166F0	
TBI	166D8	
TBS0	167B0	
TBS1-3	167C0	
TBT0-4	151G5	
TBT5-9	151D7	
TBTA	167D0	
TBU0-4	166C0	
TBU5-9	166E0	
TBUA	167E0	
TCA	167G0	
TFO,1,2	167F5	
TF4	167H5	
TF7	167B8	SEE MTC CKT
THO-4	151H5	
TH5-9	151E7	
TIK	168F5	
TLH	168D7	
TLV	140F1	
TM	6D0	
TP'	169C5	
TPT	172G5	
TR	152F2	
TRA	169E5	
TRK	139E0	
TRL	169G5	
TRR	169C7	
TS	6D8	2A/A0
TSL	170D5	
TSTL	170F5	SEE MTC CKT
TTC	170C7	
TVS	8F6	53A6,88G5, 123F2

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
TVT0,1	8E6	
U0-9	171B3	
U'0	171D5	
U'1,2,4,7	171F5	
VF0	171D5	
VF1-4	171F5	
VFT0	171C7	
VFT1	171D7	
VFT2	171F7	
VFT3	172C0	
VFT4	172D0	
VG0,1	172F0	
VG2	172G0	
VG4,7	172B3	
VG10,11	172C3	
VGT0-4	172C5	
VGT5-9	172D5	
VGT10,11	172E5	

SEE MTC CKT

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
ONM	139B0	73A/E5
1SE	139B0	73A/D2
1TR		56A7
2DT	139F0	72C5
2L	139F0	73A/E5
2LI	139G0	73A/E5
2LN	139G0	73A/D0
2SA	139H0	73A/D2
2TR		56A7
2W	139D2	57C3,73A/D2
2WD	139E2	57C3,73A/D2
2WDI	139E2	57C3,73A/D2
2WT	163D3	88D7
3NA	139E2	73A/D2
4DG	139H2	88D7,123D5
4NE	139B5	73A/D2
4W	139C5	57C3,73A/D2
4WT	163C3	88D7
5DG	139D5	88D7,123D5
5ST	139E5	73A/E5
6NT	139F5	73A/E5
7RN	139G5	73A/E5
8SP	139B7	73A/E5
9NP	139B7	73A/E5
11	139C7	73A/D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	98B

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DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
A0,1,2,4,7	139E7	72C5
ACD	140F0	89E0
AD	140B2	89H0,73A/D0, 95D4,123D7
AF	140C2	73A/B7
AFI	140C2	73A/B7
AFK	140D2	73A/B7
AG1-6		57B6,73A/D2
AIODT2	160F7	
AIS	140B5	
AL	140D5	73A/D2
ALT	140D5	73A/E5
AMA	140E5	72C5
AOS	149B7	89H0
AOT	140G5	73A/E5
ARO		73A/D0
AR1		73A/D0
AR2		73A/D0
AR4	158G3	73A/D0
AR7		73A/D0
ATKT		73A/B5
ATT	147B0	73A/D2
AVKI		73A/DU
B0,1,2,4,7	140G7	72C5
BCN	141C0	73A/E7
BLC	141C0	73A/E5
BLDA	141D0	73A/E5
BLT	141E0	73A/E5
BN	141E0	72C5
BR0,1		73A/D0
BR2,4,7		73A/D0
BRL	141B2	57C3,73A/D2
BRT	141C2	57E6,73A/D2
BST	141D2	73A/D0
BT	141E2	73A/D0
BTT	141F2	57E6,73A/D2
C	141B2	89D3
C0,1,2,4,7	141C5	72C5
CAM	141E5	73A/D0
CCK	141H5	73A/D7
CCK1	141B7	73A/D7
CD0	141B7	57C3,73A/D2
CD1	141C7	57C3,73A/D2
CD2	141D7	57C3,73A/D2
CD4	141F7	57C3,73A/D2
CD7	141G7	57C3,73A/D2
CD10	160H3	57C3,73A/D2
CD15	161D0	57C3,73A/D2
CDA0	147C5	57B6,73A/D2
CDA1	147C5	57B6,73A/D2
CDA2	147E5	57B6,73A/D2
CDA4	147E5	57B6,73A/D2
CDA7	147E5	57B6,73A/D2
CDA'0		57B6,73A/D2
CDA'1		57B6,73A/D2
CDA'2		57B6,73A/D2
CDA'4		57B6,73A/D2
CDA'7		57B6,73A/D2
CDN	142B0	73A/D2
CDNK	142B0	73A/E5
CDP0,1,2,4	142C0	
CDP7	142D0	73A/B7
CDP10,15	142D0	73A/B7
CDP'0,1,2,4,7		73A/B7
CDTO	147C5	89E0,123B7
CDT1	147C5	89E0,123B7
CDT2	147E5	89E0,123B7
CDT4,7	147E5	89E0,123B7
CE	142G0	57E6,73A/D2
CE'		57C3,73A/D2
CGA	142B2	73A/D2
CGB	147D2	73A/D2
CI(1-4)T	142E5	88C5
CIB	5B7	72G7
CIFAT	142F5	88C5
CK	175F5	88C5
CKO	142F7	72H5,73A/E5
CKI	142B7	72C5
CKG	175B7	88C5,123B2
CKG1	142D7	73A/E5
CKG2	142E7	83D7
CKR	142F7	73A/E5
CKRI	143B0	73A/E5
CL1		72C5
CL2		72C5
CL3	143E0	72C5
CL4		72C5
CL5		72C5
CL6		72C5
CM3	141B7	26A/A0, 26B/B3
CMA	141C7	26A/A0, 26B/B3, 73A/B5
CMB	141D7	26A/A0, 26B/B3, 73A/B5
CMC	141F7	26A/A0, 26B/B3, 73A/B5
CMK	160C5	
CNR	144B0	73A/E5
CNT	144C0	73A/D0
CON	144D0	73A/D0
CP0	144E0	73A/D2
CP1	144F0	73A/D2
CP2	144E0	73A/D2
CP4	144E0	73A/D2
CP7	144F0	73A/D2
CR	144G0	73A/D0
CR0,1,2,4,7		72C5
CRU0	144C2	72C5
CRU1	144D2	72C5
CRU2	144F2	72C5
CRU4	144G2	72C5
CRU7	144H2	72C5
CSO-29	144B5	73A/D2
CSG1	144D7	73A/E5,83D7
CSG2	144E7	73A/E5,83D7
CSW	145B0	73A/D0
CTA0	145E2	73A/E5
CTA1	145E2	73A/E5
CTA2	145E2	73A/E5
CTA4	145F2	73A/E5
CTA7	145F2	73A/E5
CTI	145F2	73A/E5
CTMB	145G2	56A3,89D3, 123D7
CTTO,1,2,4,7	145H2	73A/E5
CU0	145C5	6C/D0
CU1	145E5	6C/D0
CU2	145G2	6C/D0
CU4	145B7	6C/D0
CU7	145D7	6C/D0
CUTO,1,2,4,7	145E7	73A/E5
CWCN	145F7	73A/B5
CWK	146C0	83D7
D	146D0	83D7
D0,1,2,4	146E0	72C5
D7	146G0	72C5
DAT	146C2	73A/E5
DATI	146D2	73A/E5
DATK	146E2	73A/E5
DCK	146B0	72C5
DCT	146F2	73A/D2
DCTI	146H2	
DFI	146C5	73A/E2
DIS	146C5	73A/E5
DISI	146E5	73A/D2
DIST	146F5	56A0,88C5, 123B5
DL1-6		72C5
DLTK	146H5	73A/E5
DN	146B7	57B3,73A/D2
DNC	146C7	89E0
DNGA	146C7	57E6,73A/D2
DNGB	146D7	57E6,73A/D2
DNGC	146D7	57E6,73A/D2
DNGD	146D7	57E6,73A/D2
DNK	176B7	123D5
DS	176H5	89D3,123B2
DT4,5,7	147E0	73A/E5
DTF	147F0	73A/D0
DTK	147B2	73A/D0,88C5
DTK1	147C2	88C5
DTKA	147C2	89D3
DTN	174E3	89D3
E0,1,2,4,7	147E2	72C5
ECN	147B5	73A/D2
ELL		57C3,73A/D2
FNI	147D7	57C3,73A/D2
ESCK	147D7	57C3,73A/D2
EXT	147F7	73A/E5
F	147G7	73A/E5
F0,1,2,4,7	148B0	72C5
FAC	148F0	73A/D2
FAD	148G0	72C5
FAK		72C5
FBK	148B2	72C5
FC	148C2	89E0
FCK	148F2	73A/D0
FG0	148G2	72C5
FG1	148B5	72C5
FG2	148C5	73A/D0
FGA		57B6,73A/D2
FNA	148H5	73A/D2
FNB	148B7	73A/D2
FSO-4		72C5
FS5-19		72C5
FTO-3	149C5	72C5
FTC	149D7	73A/E5
FTCK	149E7	73A/D2
FTTO	150B0	73A/D0
FTTI-5	150C0	73A/D0
FUO,1,2,4,7	150D0	72C5
FUTO-4	150B2	73A/D0
FUT5-7	150C2	73A/D0
FUT8,9	150D2	73A/D0
FVD	150F2	73A/D0
G	150F2	73A/E5
GO,1,2,4,7	150B5	72C5
GC	17587	56A7,88C5, 123B2
GIT	150D5	26A/A0, 26B/B3
GPA	140D7	73A/E5
GPB	150G5	73A/E5
GR	150G5	26A/A0, 26B/B3
H0,1,2,4	151B0	72C5
H7	151C0	72C5
HD	151E0	26A/A0, 26B/B3
HF	151F0	73A/D2
HFA	151G0	73A/D2
HGO,1,2,4,7	151B2	72C5
HGK	151E2	73A/D0
HGTO-4	151E2	73A/D0
HGT5-9	151F2	73A/D0
HMS1	151E5	72C5
HNO-4	151B7	56A0,88D7, 123D5
HN5-9	151E7	56A0,88D7, 123D5
HTO,1,2,4,7	152C0	73A/D0
HTR	152E0	73A/D2
ICK	152G0	89D3
INC	152C2	72C5
IOD	149F5	89H0
IR	152D2	89D3
IRL	152D2	26B/33
IRS	152E2	73A/E5
J0,1,2,4,7	152B5	72C5
JSQ0-4	153B2	73B/E5
JSQ5	153C2	73B/E5
JSSF	153D2	73A/E7
K0,1,2,4,7	153B5	72C5
KJSQ	153D5	73A/E5
KM	153E5	73A/E5
L0,1,2,4	153F5	72C5
L5D	162D0	88D7,123D5
L7	153G5	72C5
LAN	153C7	73A/E5
LCD0	154C0	89E0
LCD1	154C0	89E0
LCD2	154D0	89E0
LCK	154F0	73A/D0
LDN	154F0	73A/E5
LES1	154B2	57C3,73A/D2
LESK	154B2	57C3,73A/D2
LFKI		73A/E5
LHM	154E2	73A/E5
LHMT	154F2	73A/E5
LI		73A/D2
LIO		73A/E5
LII		73A/E5
LK1	154D5	73A/D2
LK2	154D5	73A/E5
LK3	154E5	73A/E5
LLO,1	168B3	73B/C3,D3
LL2,4	168D3	73B/C3,D3
LL7	154F5	73B/C3,D3
LLCO-3	154H5	73A/D7
LLEI	154C7	57E6,73A/D2
LLES	154C7	57C3,73A/D2
LLI	154D7	73A/E5
LLJ	154D7	73A/E5
LLP	154E7	73A/E5
LLP2	155B2	73A/E5
LNP	155B0	73A/B7
LNPR	155C0	73A/B7
LOLD		73A/E5
LOLL	155E0	73A/D0
LOLP	155E0	73A/E5
LPO-2	155E0	73A/B7
LPI	155C2	73A/E5
LR	155G0	72C5
LRA		73A/E5
LRI	155C2	73A/E5
LRL	155D2	57B3,73A/D2
LRR	155D2	73A/E5
LRS	155D2	73A/E5
LSKI	155E2	73A/E7
LST	154E2	88D7,123D5
LT	164C7	73A/D0
LTI	155F2	73A/D0
LT2	155G2	73A/D0
LT3	155H2	72C5
LVF	155D6	73A/A5
LVM	155E6	73A/B5,E5
LXPA	155H5	
M	155E7	73A/D2
MO,1,2,4	156B0	57C3,73A/D2
M7	156C0	75C5
M'0,1,2,4		57C3,73A/D2
MAKI	156H0	73A/D2
MB0,1,2	156B2	73A/E5
MB4,7	156C2	73A/E5
MC	156D2	56A3,88C5, 123B2
MDA		123B2
MF	156E2	83D7
MKS	7F0	72E7
MKT0,1	7E1	72H5,83D5
MKT2-5	7E1	72G5,83D5
MKT6,7	7E1	72G5
MKT8-11	7E1	111E0
MLF	156H2	83D7
MLFA	156B5	83D7
MLV	140F1	73A/B5
MOI	156B5	73A/E5
MOA	156C5	56A7,88C5
MON		73A/D0
MPP	156D5	72C5
MPT	156E5	73A/D2
MRI	145F2	73A/E5
MRL	156G5	73A/D2
MT1K	156B7	73A/E5
MT2K	156D7	73A/E5
MT3K	156D7	73A/E5
MT4K	156E7	73A/D2
MT5	156E7	73A/E5
MT7	156F7	73A/E5
MT7K	156C7	72C5
MT8K	157B0	73A/E5
MT9K	157B0	73A/E5
MT10K	157C0	73A/E5
MT12	157C0	73A/E5
MT38K	157D0	73A/D0
MTS7		73A/E5
MTL	7C8	72E7
MTP	1F/G6	72E7
MTPT	163F1	73A/A5
N7	157G0	57C3,73A/D2
N'7		57E6,73A/D2
NAMA	157H0	73A/D2
NDK		72C5
NDT	157E3	73A/D2
NGK	157C7	72C5
NH	140G2	73A/D2
NID	149E5	89H0
NN	157F7	73A/D2
NOB	158B0	73A/E5
NOBT	158D0	73A/E5
NPC	158D0	73A/B7
NPR	158E0	73A/B7
NSP	169D3	89G0,123B7
NT	158B3	73A/D2
NTCW	158C3	117D4
NTH	158D3	73A/E5
NTT	158E3	73A/D2
NTVB	158E3	117D4
NWT	158G3	73A/G7
OA	158H3	73A/D0
OA0,1,2,4,7	150D5	89E0
OB	158B5	73A/D0
OBO,1,2,4,7	151E0	89E0
OBS	158D5	73A/E5
OBSI	169D3	83D7
OBST	158E5	79A/E5
OC1	158E5	83D7
OCA0,1,2,4,7	152D5	89E0
OCN	158F5	73A/E5
ODO,1,2,4,7	153D5	89E0
ODT	158G5	73A/D0,89G0, 123B7
OE0,1,2,4,7	153B7	89D3
OF	158B7	88D7,123D5
OF0,1,2,4	156D0	99D3
OF7	156F0	89D3
OFF0-2	157F3	56A0,88D7, 123D5
OFF3,4	157H3	56A0,88D7, 123A5
OFF5	157B5	56A0,88D7, 123A5
OFF6-8	157C5	56A0,89G0, 123B7
OFF9	157C9	56A0,89G0, 123B7

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | A03

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DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
OFT	148E2	56A7,88D7, 123D5
OFTO	157F5	56A3,89G0, 123B7
OFT1,2	157G5	56A3,89G0, 123B7
OGO,1,2,4	150B7	89D3
OG7	150C7	89D3
~~OHS~~	158D7	73A/B7
OLT		72C7
OP	158E7	57C3,73A/D2
OPI	175D0	88C5
OR	159B0	73A/D2
ORCO	158B3	
ORC1	157F7	
ORC2	151F0	
OSO-4	159D0	72C5
OSC	159E0	73A/E5
OSGO-4	159F0	72C5
OSG5-9	159G0	73A/D0
OSG10,11	159B3	73A/D0
OSK	159C5	73A/E5
OTT	159D5	73A/D2
OVK	159F5	73A/E5
P	176C5	56A3,73A/B7, 89D3
PI	174D5	89D3
PA	160E0	89D3
PAN	160F0	73A/E5
PBX	160B3	73A/E5
PCD	160E3	72C5
PCD1	160F3	72C5
PCK	160H3	26A/AQ, 26B/B3
PCR	160B5	72C5
PD	160C5	72C5
~~PBK~~	160D5	73A/E5
PHC	160F5	72C5
PK	160G5	72C5
PKI	160B7	73A/B5
PLB	160C7	73A/B7
PLL	160C7	72C5
~~PML~~	~~16007~~	73A/B7

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
POTS	160F7	73A/E5
PRE	161B0	73A/B7
~~PRI~~	161C0	57C3,73A/B7, D2
PRL	161D0	26A/AQ, 26B/B3
PRLK	144D7	
PRLT	161D0	89D3
PRO	161D0	73A/B7
PS	161G0	72C5
PSI	161G0	72H5
PSG	150E7	72H5
PT	176F5	56A3,89D3
PTI	175H0	89D3
PTK		73A/D2
PTP	1C/B8	
PTR	161C3	26A/AQ, 26B/B3
PTS	9C6	24B7,25B/D4
PTT(-)	9C7	25A/A5, 25B/G4
R1A	145E0	123D7
R1B	145G0	123D7
R1C	145C2	123D7
R1D	145D2	
R2A	145D5	123D7
R2B	145E5	123D7
R2C	145G5	123D7
R2D	145C7	
R3A	145E7	123D7
R3B	144C2	123D7
R3C	144E2	123D7
RA	161F3	73A/D2
RA4	144G2	
RB3	144C2	
RB4	144H2	
RBT	161F3	73A/E5
RBTI	161G3	73A/D2
RC	161G3	73A/E5
RC3	144D2	
RCT	161B5	73A/E5
RCTI	161C5	73A/D2
RCT-9	161D5	73A/D2
RCT10-14	161E5	73A/D2
RCT15	161B7	73A/D2
RCY	161B7	35A/D2,83D7
RD	175E7	89D3
RD3	144F2	
RDL	161C7	89D3
RE	161E7	73A/E5
RI	162E0	72C5
RIK	162F0	73A/E5
RIP	162F0	73A/E5
RIW	162G0	

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
RK	174C5	88C5,123B2
RL	155G0	56A7
RLA	162G3	56A3,88C5, 123B2
RLK	162B5	26A/AQ, 26B/B3
RNO,1,2	162F5	73A/D2
RN4,7	162G5	73A/D2
RNTO	158G5	89G0,123B7,
RNT1	140B2	89H0,123D7,
RNT2O	162C7	
RO	162D7	72C5
RO'	162E7	
ROI-3		57B6,73A/D2
ROG	163D0	73A/E5
ROH	163D0	72H5
ROPT	163E0	89D3
ROT	163E0	57B6,73A/D2
RP	163G0	73A/D0
RPT	172C8	56A7
RSO-4	163B7	73A/D2
RS5,6	163D5	73A/D2
RS7	163E5	73A/D2
RS8	163F5	73A/D2
RS9	163G5	73A/D2
RSG1		
RSK	163C7	73A/D2
RTO,1	164D0	73A/E5,83D7
RT2,3	164D0	83D7
RTC	164D0	73A/C5
RTK		73A/E5
RTW		73A/E7
RUK1	164D3	73A/E7
RV1	164E3	72C5
RWL	152B2	73A/E7
SO-9	164G3	73A/E5
SA	169C3	89E0,123B7
SB		73A/E5
SBT	164B5	73A/E5
SCB	164E5	73A/D5
SCK	164E5	73A/D0
SCN	164F5	73A/D0
SCT		72C5
SD	141G7	26A/AQ, 26B/A0
SGA		57B6,73A/D2
SIA	165C0	73A/E5
SIB	165D0	73A/E5
SKO	165D0	89D3
SKI	155D0	89D3
SKT	4B7	72E7

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
SLCK	165G0	73A/D2
SP	15C3	72E7
SPC	15C3	72E7
SPL	157D7	72C5
SRI-3		57B6,73A/D2
SRT	147C0	72C5
SRTI	165B5	73A/E5
SSA	165C5	73A/E5
SSB	165D5	73A/E5
STG	165E5	73A/B7
STLO-4	165F5	73A/B7
STL5	165G5	73A/B7
STPI	165B7	73A/DG
STP2	165D7	73A/D0
STS1-5	165D7	73A/B7
SWAT	170F3	73A/H7
T	166B0	73A/D0
TO-4	166C0	56A0,88D7, 123D5
T5-9	166F0	56A0,88D7, 123D5
TAN	166C3	172C5
TAN1-4	166E3	172C5
TB	166G3	73A/E5
TB6-9		57C3,73A/D2
TBI	166D0	72C5
TBL	176C0	89D3,123B2

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
TBSO	167B0	73A/E5
TBS1-3	167C0	73A/E5
TBT	167D0	73A/E5
TBTO-4	151G5	73A/E5
TBT5-9	151D7	73A/E5
TBTA	167D0	73A/E5
TBUO-4	166C0	73A/E5
TBU5-9	166E0	73A/E5
TBUA	167E0	73A/E5
TCI	167F0	83D7
TCA	167G0	73A/D0
TCB	167B3	73A/D0
TCC	167B3	73A/D0
TCHO-4	167E3	73A/E9
TCH5-9	167F3	73A/E9
TCHK	167G3	73A/D0
TCT	167B5	89D3
TDCT	167C5	73A/E5
TESI	167D5	57C3,73A/D2
TESK	167D5	57C3,73A/D2
TET	167E5	88C5
TFO,1,2,4	167F5	72C5
TF7	16786	72C5
TFA	16786	73A/E5
TGA		5786,73A/D2
THO-4	151H5	56A3,88D7, 123D5

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
TH5-9	151E7	56A3,88D7, 123D5
TH'2		73A/E5
TH'3		73A/C5
THC	168B5	72C5
THGTO-9	168C5	83D7
THTO,1	168C3	73A/D0
THT2,3	168C5	73A/E5
TI	168E6	73A/B5
TIO-3	168E5	89D3
TIC	168E5	88C5
TIK	168F5	56A3,88C5, 123B2
TKT	168C9	73A/A5
TLEI	168C7	57E6,73A/D2
TLES	168D7	57C3,73A/D2
TLH	168D7	73A/D0
TLV	140F1	73A/B5
TM	6A0	72G7
TMK	169D0	73A/D2
TMKI	169D0	73A/D2
TNK	169F0	73A/D2
TNO	169E0	88D7
TNR	176C0	
TOK	160C5	57B6,73A/D2
TOL	169F3	73A/D0
TOP	169G3	56A3,88D7, 123D5
TOSO-4	169G3	73A/E5
TP	16985	73A/D0
TP'	169C5	73A/D2
TPT	17205	56A7
TR	152F2	56A7,88C5, 123B2
TRI	169C5	73A/E5
TR2	169D5	73A/D2
TRA	169E5	56A7,88C5, 123B2
TRB1(-)		25A/G5,53B6, 83D5,88E5,F5
TRF	169F5	73A/D2
TRIT	148D2	89D3

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
TRK	139D0	73A/D2
TRL	169G5	73A/D2
TRL1	169H5	73A/E5
TRL2	169B7	73A/D2
TRP		56A3
TRR	169C7	73A/E5
TRS	169E8	73A/D5
TRT	169F8	73A/E5
TS	6A8	68B5,72E7
TSE	170H3	73A/D2
TSE1,2	170B5	73A/E5
~~TSK~~	170D5	73A/E5
TSL	170D5	88D7,123D5
TSM	170E5	
TSO	5B1	72B7
TST	10E5	72D7,73A/D0
TSTL	170F5	73A/E5
TT	170G5	73A/D0
TTO,1,2,4,7	170C7	73A/D0
TTC	170C7	73A/E5
TTCI	170D7	73A/E5
TTL	8E8	72E7
TTP	1A/C7	53B6,88G5, 123G2
TTT	171C0	73A/E5
TVFTC 4	171D0	
TVGTO-9	171E0	
TVGT10,11	171F0	
TVS	8F1	53B6,88G5, 123G2
TVTO,1	8E1	53B6,88E5
U0-9	171B3	56A0,88D7, 123D5
U'0	171D5	
U'1,2,4,7	171F5	
UK	171D3	89D3
UKA	171E3	11784
UTO,1,2,4,7	171C5	73A/D0
VFO	171D5	72C5
VF1-4	171F5	72C5
VFTO	171C7	73A/D0
VFT1	171D7	73A/D0
VFT2	171F7	73A/D0
VFT3	172C0	73A/D0
VFT4	172D0	73A/D0

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
VGO,1	172F0	72C5
VG2	172H0	72C5
VG4,7	172C3	72C5
VG10	172D3	72C5
VGA	17285	83D7
VGTO-4	172C5	73A/D0
VGT5-9	172D5	73A/D0
VGT10,11	172E5	73A/D0
VTC	172D7	89D3
WAT	172F7	73A/B5
WBTO-2	173C0	73A/G7
WBTI	173D0	73A/G7
WBT2	173E0	73A/G7
WCN	173C3	73A/E7
WDCI	173D3	73A/E7
WDTF	173E3	73A/B5
WDTI	173F3	73A/B5
WFCK	173G3	73A/E7
WHSI	173B5	73A/E7
WKC	173C5	89D3
WLFK	173G5	73A/E7
WTKF	173D7	73A/E7
WTGO-3	173D7	73A/D7
WTK	173E7	73A/E7
X11	174B0	73A/D0
XBRL		57C3,73A/D2
XCE		57C3,73A/D2
XFT		73A/D0
XHGA	174E7	73A/E5
XI	175C0	73A/E5
XL	175B3	73A/E5
XLF		73A/E5
XLS	175D5	73A/B7
XST		57B6,73A/D2
XT	176G0	89D3
XTGI	176C5	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

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MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
3AM	163G4	120D3
3ANT	172D1	120D3
A	171B9	87F7,G4
ASP	174G4	87F7,G4
B	171D9	87F7,G4
BSP	175E4	87F7,G4
CI(EVEN)	1B/B8	87C4
CI(ODD)	1B/B8	87C4
CI(MAG AMA)	1B/C6	120D3
CO(EVEN)	1B/B9	87C4
CO(ODD)	1B/B9	87C4
D	171E9	87F7,G4
DA	175C6	87F7,G4
DCT	165D9	
DTO,1,2,4,7	147D1	88C3,120D3
DUO,1,2,4,7	147D4	88C3,120D3
E	172B1	87F7,G4
EOL	174F6	120D3
ET	163C6	87A4,G4
HDK	175F4	120D3
HR	175G4	87F7,G4
HTO,1,2,4,7	152C1	88C3,120D3
HUO,1,2,4,7	152G1	88C3,120D3
ME	171C9	120D3
MET	174G6	120D3
MG	162E1	87F7,G4
MO	165B4	87F7,G4
MTO,1,2,4,7	156G6	88C3,120D3
MTFT	163C6	120D3
MTTR	171D9	120D3
MUO,1,2,4,7	157E1	88C3,120D3
NS	165E9	87F7,G4
OOL	174C9	120D3
PCN	1B/B7	87C7
RCCK(EVEN)	11E5	87C4
RCCK(ODD)	11E5	87C7
RL	174H4	120D3
RL1	175D6	120D3
RL2	175H4	120D3
RN	165H1	87A4,G4
RSTO	143D6	87C7
RST1	143D6	87C4
RST2	143D6	87C7
RST3	143D6	87C4
RST4	143D6	87C7
RST5	143D6	87C4
RST6	143D6	87C7
RST7	143D6	87C4
RST8	143D6	87C7
RST9	143D6	87C4

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
RSTIO	143G6	87C7
RSTI1	143G6	87C4
RSTI2	143G6	87C7
RSTI3	143G6	87C4
RSTI4	143G6	87C7
RSTI5	143G6	87C4
RSTI6	143C9	87C7
RSTI7	143C9	87C4
RSTI8	143C9	87C7
RSTI9	143C9	87C4
RST20	163F9	67B0
RST21	163F9	67A0
RST22	163F9	67B0
RST23	163F9	67A0
RST24	163F9	67B0
RST25	163F9	67A0
RST26	163F9	67B0
RST27	163F9	67A0
RST28	163F9	67B0
RST29	163F9	67A0
RST-EMG	161G1	87C4
RTIE(EVEN)	19B1	87C7
RTIO(ODD)	19E1	87C4
RT3E(EVEN)	19B2	87C7
RT3E(ODD)	19E2	87C4
RT3O(EVEN)	19B2	87C7
RT3O(ODD)	19E2	87C4
RTRS	172C1	120D3
RTST	163B6	120D3
SC	175B6	87F7,G4
SKP		87F7,G4
SP	172D1	87F7,G4
SPA	142G1	87F7,G4
STR	3A0	120D3
SY	174G6	87F7,G4
TEN	163B6	87G4
TPR	1B/B8	87C7
TRB(EVEN)	14A5	87C7
TRB(ODD)	14C5	87C4
TRB(MAG AMA)	14E5	120D3
TRL	175C6	120D3
TRST(EVEN)	1B/B7	87C7
TRST(ODD)	1B/B6	87C4
TRST(MAG AMA)	1B/C5	120D3
TST	171F9	120D3
XPL	155D9	87A4,G4

MINI-REMOTE OFFICE TEST LINE INTERFACE (MROTL)

DESIG	LOCATION FS	LOCATION CAD
ATKT	140C9	
ROTL	163F1	

NUMBER GROUP CONNECTOR (NGC)

DESIG	LOCATION FS	LOCATION CAD
NG	11E8	
NG1	11H8	
NGCO-2	157F4	80B/A0
NGC3,4	157G4	80B/A0
NGC5-9	157C6	80B/A0
NGCTO	157D6	80B/A0
NGCT1	157E6	80B/A0
NGCT2,3	157F6	80B/A0

ORIGINATING REGISTER (OR)

DESIG	LOCATION FS	LOCATION CAD
RGO-9	143B6	81B1
RG10-15	143E6	81B1
RG16-19	143B9	81B1

ORIGINATING REGISTER MARKER CONNECTOR-MARKER PART (ORMC-MP)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	143G4	80B/C0
CN3	143H4	80B/C0
CNG	27B3	74A2,1110O
FRO	148C9	80B/C0
FR1,2	148D9	80B/C0
FR3	148D9	
FRG	27A8	74A2,1110O
RGG	28B3	74A2,1110O

ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART (ORMC-RP)

DESIG	LOCATION FS	LOCATION CAD
RGO-9	143B6	
RG10-15	143E6	
RG16-19	143B9	

OUTGOING SENDER (OS)

DESIG	LOCATION FS	LOCATION CAD
SO-14		90D0

OUTGOING SENDER CONNECTOR-MARKER PART (OSC-MP)

DESIG	LOCATION FS	LOCATION CAD
CNO-3	143F4	80B/D3
CNG	27E3	80B/D3
FRO	148B9	80B/D3
FR1-4	148E9	80B/D3
FRG	27D8	80B/D3
SG	28G3	80B/D3
SRT	16586	80B/D3

PRETRANSLATOR (PRT)

DESIG	LOCATION FS	LOCATION CAD
11	139C9	SEE MTC CKT
AO,1,2,4,7	139F9	25B/D7, 25C/E0
BO,1,2,4,7	140F9	25B/D7, 25C/E0
CO,1,2,4,7	141B6	25B/D7, 25C/E0
CM3	141B9	25B/D7, 25C/E0
CMA	141D9	25B/D7, 25C/E0
CMB	141E9	25B/D7, 25C/E0
CMC	141F9	25B/D7
CMK	160D6	25C/E0
GI	150D6	25B/D7, 25C/E0
GR	150G6	25B/D7, 25C/E0
HD	151E1	25B/D7, 25C/E0
LK	9F7	25A/H5, 25B/D7, 25C/G3
LK:	141F9	25C/E0
LT	16489	SEE MTC CKT
MB	9G7	25B/D7, 25C/G3
PCK	160H4	25B/D7, 25C/E0
PRG	9G7	25A/G5, 25B/D7, 25C/G3
PRL	161D1	25B/D7, 25C/E0
PTP	IC/A0-A7	25A/F5, 25B/D7, 25C/G3
PTR	161C4	25B/D7
RCCK	11G5	25A/H5, 25B/D7, 25C/G3
RLK	16286	25B/D7

PRETRANSLATOR (PRT)

DESIG	LOCATION FS	LOCATION CAD
SD	141G9	25B/D7, 25C/E0
TM	6D5	25B/D7, 25C/G3
TOK	160C6	25B/D7
TR	161D4	25C/E0
TR1	152D4	25C/E0
TR2	139C4	25B/D7, 25C/E0
TRB		25A/H5, 25B/D7, 25C/G3
TRK	139D1	25B/D7, 25C/E0, 26A/G7
TRS		25B/D7, 25C/E0
TRST	IC/A0-A6	24E7, 25B/D7, 25C/G3
XX	176D9	25B/D7, 25C/E0, 26A/G7

PRETRANSLATOR CONNECTOR (PRTC)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	143G4	72B0
CNG	27F3	25B/F4
FRO	148C9	72B0
FR1,2	148D9	72B0
FRG	27E8	25B/F4
RGG	28D3	25B/F4
RGG1	23D3	72E3

PRETRANSLATOR CONNECTOR-ORIGINATING REGISTER PART (PRTC-ORP)

DESIG	LOCATION FS	LOCATION CAD
RGO-9	143C6	81D1
RG10-15	143F6	81D1
RG16-19	143C9	81D1
RG20-23	163E9	81D1

PROGRAM CONTROLLED TRANSVERTER (ANI AND/OR CAMA) (PCTV)

DESIG	LOCATION FS	LOCATION CAD
CI	1A/CO,C5	53D6,G6, 86G0,121A/B5
MB	9F3-H3	53E6,G6, 86G0,121A/B5
MBI	9H3	53E6,G6

PROGRAM CONTROLLED TRANSVERTER (ANI AND/OR CAMA) (PCTV)

DESIG	LOCATION FS	LOCATION CAD
MC	156D4	55G7,86E5, 121A/D0
RL	155G1	55G7,86E5, 121A/E0
TM		54E7,G7, 86F0,121A/D5
TR	152E4,F4	55G7,86B5, 121A/C0
TRST	1A/CO,C5	53D6,G6, 86G0,121A/B5
TVA	1A/B1,B4	53D6,G6, 86G0,121A/B5
TVB	1A/B1,B4	53D6,G6, 86G0,121A/B5
TVT	11C2	54E7,G7, 86G0,121A/B5
TVTA	8F5	53E6,G6, 86G0,121A/B5

PROGRAM CONTROLLED TRANSVERTER (CAMA) (PCTVC)

DESIG	LOCATION FS	LOCATION CAD
L	162G4	
RLA	162G4	

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
ACTA	155D6	122D0
ACTB	155F6	122D0
BAR	142B6	122D0
BLO,1	152H6	122D0
BL2,4	152B9	122D0
BL7	152C9	122D0
BRO,1	152D9	122D0
BR2	165B9	122D0
BR4	165D9	122D0
BR7	141G1	122D0
CHO,1	159B9	122D0
CH2	159C9	122D0
CIS	142H5	122D0
CISC	142H5	122D0
CKLO	160E1	122D0
CKL1	160G1	122D0
CKL2	160D4	122D0
CKL4	160E6	122D0
CKL7	153B1	122D0

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
CKLS	142C6	122D0
CKRO	153D1	122D0
CKR1	153E1	122D0
CKR2	153F1	122D0
CKR4	153G1	122D0
CKR7	143B1	122D0
CKRS	160F9	122D0
CLO	170C4	122D3
CL1	143C0,170D4	122D3
CL2,4,7	170D4	122D3
CPTO	142G4	122D3
CRO	170B1,170E4	122D3
CR1,2,4,7	170B1	122D3
CRT	149G4	122D3
CTBL	164E9	122D3
DC	155B6	122D3
DCC	155C6	122D3
DCKF	162C1	122D3
DLO,1,2,4	173F6	122D3
DL7	154B9	122D3
DRO,1,2,4	154G6	122D3
DR7	170F4	122D3
ECT	152F6	122D3
EOR		122D3
ERTO	142B6	122D3
ETM	149H4	122D3
ETMO	142H4	122D3
EX1	163D6	122D3
EX2	163E6	122D3
GO	155G6	122D3
HDA	168E1	122D5
HDB	168F1	122D5
LCPT	152F6	122D5
MTRA	160B1	122D5
MTRB	160D1	122D5

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
ON	168G1	122D5
PKA	168E1	122D5
PKB	168F1	122D5
PRS	170D9	122D5
RA1	145E1	122D5
RA2	145B6	122D5
RA3	145D9	122D5
RA4	144G4	122D5
RA5	173H1	122D5
RB1	145F1	122D5
RB2	145D6	122D5
RB3	144C4	122D5
RB4	144H4	122D5
RC1	14584	122D5
RC2	145F6	122D5
RC3	144D4	122D5
RC4	173F1	122D5
RD1	145D4	122D5
RD2	14589	122D5
RD3	144F4	122D5
RD4	173G1	122D5
RL1	149E4	122D5
RL2	149F4	122D5
RLK	149E4	122D8
RS1,2	153F9	122D8
SA	168C4	122D8
SB	168C4	122D8
SC	168E4	122D8
SD	168E4	122D8
SM	153D9	122D8
SP	149B6	122D8
STR	3A1	122D8
SW	T68GT	122D8
SW1	149D4	122D8
TRA	166B9	122D8
TRA2	168D1	122D8
TRB	14H5	122D8
TRB1	14H5	122D8
TRE	166C6	122D8
TRSA	166E6	122D8
TRSB	166F6	122D8
TRST	1B/C5	122D8
TRSTI	1B/C5	122D8
TST	163D6	122D8
TSTI	155C6	122D8
WCK	153E9	122D8
WSF	147E6	122D8
WSM	153E9	122D8
WTL	17084	122D8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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REMOTE OFFICE TEST CONTROL (ROTC)

DESIG	LOCATION FS	LOCATION CAD
FG0	148G2	115B7
FG1	148B5	115B7
FG2	148D5	115B7
GPB	150G5	SEE MTC CKT
TF0,1,2	167F5	115B7
TF4	167H5	115B7
TF7	167B6	115B7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
2DT	139F0	115D5
2W	139D2	115D5
11	139C7	115D5
A0,1,2,4,7	139E7	115D0
AL	140D5	115D0
AMA	140E5	115D0
AMKS	7G9	115C7
ATKT	140C9	115D0
B0,1,2,4,7	140G7	115D0
BT	141E2	115D0
C0,1,2,4,7	141C5	115D0
CGA	142B2	115D0
CG3	142D2	115D0
CIB	5F7	115D0
CKG1	142D7	115D0
CL3	143E0	115D0
CL5	143H0	115D0
CRU0	144C2	115D0
CRU1	144D2	115D0
CRU2	144F2	115D0
CRU4	144G2	115D0
CRU7	144H2	115D0
CSG1	144D7	115D0
CSG2	144E7	115D0
CTA0,1,2	145E2	115D0
CTA4,7	145F2	115D0
CU0	145C5	115D0
CU1	145E5	115D0
CU2	145G5	115D0
CU4	145B7	115D0
CU7	145D7	115D0
D0,1,2,4	146E0	115D0
D7	146G0	115D0
DCT	146F2	115D0
DIS	146C5	115D0
DIS1	146E5	115D0
DNGC	146D7	115C7
DNGD	146D7	115C7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
E0,1,2,4,7	147E2	115D0
F0,1,2,4,7	148B0	115D0
FCK	148F2	115D3
FTC-3	149C5	115D3
FTC	149D7	115D3
FTCK	149E7	115D3
FU0,1,2,4,7	150D0	115D3
FVD	150F2	115D3
G0,1,2,4,7	150B5	115D3
GPA	140D7	115D3
H7	151C0	115D3
HG0,1,2,4,7	151B2	115D3
LHM	154E2	115D3
LHMT	154F2	115D3
LK2	154D5	115D3
LK3	154E5	115D3
LT	164C7	115D3
LT1	155F2	115D3
LT2	155G2	115D3
LT3	155H2	115D3
MKT0,1	7E9	115D3
MOI	156B5	115D3
MRL	156G5	115D3
MT1K	156B7	115D3
MT2K	156D7	115D3
MT5	156E7	115D3
MT7K	156C7	115C7
MT8K	157B0	115D3
MT9K	157B0	115D3
MT10K	157C0	115D3
MT12	157C0	115D2
MT57	157D0	115D2
NOB	158B0	115D5
OR	159B0	115D5
OSC	159E0	115C7
PK	160G5	115D5
RA	161F3	115C7
RA4	144G2	
RB3	144C2	
RB4	144H2	
RBT	161F3	115D5
RBT1	161G3	115D5
RC3	144D2	
RCT	161B5	115D5
RCT10	161E5	115C7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
RD3	144F2	
ROG	163D0	115D5
ROTL	163F1	115C7
RP	163G0	115D5
RTP	1E/D7	115C7
SA		SEE MTC CKT
SB		115D5
SCK	164E5	115D5
T8	166G3	115D5
TDCT	167C5	115D5
TI	6F0,168E6	115D5
TM	6E0	115D5
TR2	169D5	115D5
TRK	139D0	115D5
TRL	169G5	115D5
TRL1	169H5	115D5
TRL2	169B7	115D5
TS	6H8	115C7
TSE1,2	170B5	115D5
TST	10F5	SEE MTC CKT
TTC	170C7	115D5
TTC1	170D7	115D5
U'0	171D5	SEE MTC CKT
U'1,2,4,7	171F5	SEE MTC CKT
VF0	171D5	115D5
VF1-4	171F5	115D5
VG0,1	172F0	115D5
VG2	172H0	115D5
VG4,7	172C3	115D5
VG10	172D3	115D5
X11	174B0	115D5

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
2DT	139F0	116D2
2LV	145B0	
2W	139D2	116D2
4W	139C5	116D2
A0,1,2,4,7	139E7	116D0
AL	140D5	116D0
ALT	140D5	116D8
AMA	140E5	116D6
AMKS		116D7
ATKT	140C9	116D0
B0,1,2,4,7	140G7	116D0

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
BT	141E2	116D0
BY	141G2	116D8
C0,1,2,4,7	141C5	116D0
CGA	142B2	116D0
CGB	142D2	116D0
CIB	5F7	116D0
CKG1	142D7	116D0
CKR	142F7	116D8
CKR1	143B0	116D8
CL3	143E0	
CL5	143H0	
CRU0	144C2	116D0
CRU1	144D2	116D0
CRU2	144F2	116D0
CRU4	144G2	116D0
CRU7	144H2	116D0
CSG1	144D7	116D0
CSG2	144E7	116D0
CSW	145B0	116D0
CTA0,1,2	145E2	116D0
CTA4,7	145F2	116D0
CU0	145C5	116D0
CU1	145E5	116D0
CU2	145G5	116D0
CU4	145B7	116D0
CU7	145D7	116D0
D0,1,2,4,7	146E0	116D0
DATK	146E2	
DCT	146F2	116D0
DIS	146C5	116D0
DIS1	146E5	116D0
DLTK	146H5	
DNGC	146D7	116D6
DNGD	146D7	116D6
E0,1,2,4,7	147E2	116D0
ECN	147B5	116D8
F	147G7	116D8
F0,1,2,4,7	148B0	116D0
FWC	148F0	116D6
FCK	148F2	116D2
FG0	148G2	116D6
FG1	148B5	116D6
FG2	148C5	116D8
FTC-3	149C5	116D2
FTC	149D7	116D2
FTCK	149E7	116D2
FU0,1,2,4,7	150D0	116D2
FVD	150F2	SEE MTC CKT

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
G0,1,2,4,7	150B5	116D2
GPA	140D7	116D2
GPB	150G5	116D6
H0,1,2,4	151B0	116D8
H7	151B0	116D2
HG0,1,2,4,7	151B2	116D2
HMS1	151E5	
HT0,1,2,4,7	152C0	116D6
INC	152C2	116D8
J0,1,2,4,7	152B5	116D6
K0,1,2,4,7	153B5	116D6
L7	153G5	116D6
LHM	154E2	116D2
LHMT	154F2	116D2
LK2	154D5	116D2
LK3	154E5	116D2
LT	164C7	116D2
LT1	155F2	116D2
LT2	155G2	116D2
LT3	155H2	116D2
MAK1	156G0	116D2
MKT0,1	7E9	116D2
MOI	156B5	116D2
MRL	156G5	116D2
MT1K	156B7	116D2
MT2K	156D7	116D2
MT5	156E7	116D2
MT7K	156C7	116D6
MT8K	157B0	116D2
MT9K	157B0	116D2
MT10K	157C0	116D2
MT12	157C0	116D2
MT57	157D0	116D4
MOB	158B0	116D4
OA	158H3	116D8
OB	158B5	116D8
OR	159B0	116D2
OSC	159E0	116D6
OTT	159D5	
OV	159E5	116D2
PCD	160E3	SEE MTC CKT
PCD1	160F3	116D8
PCR	160B5	SEE MTC CKT
PK	160G5	116D2
RA	161F3	116D6
RA4	144G2	SEE MTC CKT
RB3	144C2	SEE MTC CKT
RB4	144H2	SEE MTC CKT
RBT	161F3	116D4
RBT1	161G3	116D4
RC	161G3	116D8
RC3	144D2	SEE MTC CKT
RCT	161B5	116D2
RCT10	161E5	116D8

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
RD3	144F2	SEE MTC CKT
ROG	163D0	116D2
ROTL	163F1	116D6
RP	163G0	116D2
RSO	163B7	116D8
RSI	163B7	116D8
RSK	163C7	116D8
RTP	1E/D7	116D6
RV1	164F3	
SO-9	164G3	116D8
SA		SEE MTC CKT
SB		116D2
SBT	16485	116D8
SCK	164E5	116D2
TAN	166C3	116D2
TAN1-4	166E3	116D0
TB	166G3	116D4
TBT	167D0	116D8
TBT0-4	151G5	116D6
TBT5-9	151D7	116D6
TBTA	167D0	116D8
TBU0-4	166C0	116D6
TBU5-9	166E0	116D6
TBUA	167E0	116D2
TCA	167G0	116D6
TCB	167B3	116D6
TDCT	167C5	116D4
TFO,1,2	167F5	116D6
TF4	167H5	116D6
TF7	167B6	116D6
THT0,1	168C3	116D6
THT2,3	168C5	116D8
TI	6F0,168E6	116D4
TM	6E0	116D4
TMK	169D0	116D8
TMK1	169D0	116D8
TOL	169F3	116D8
TP'	169C5	116D8
TR2	169D5	116D4
TRK	139D0	116D4
TRL	169G5	116D4
TRL1	169H5	116D4
TRL2	169B7	116D4
TS	6H8	116D6
TSE1,2	170B5	116D4
TST	10G5	116D6
TT	170G5	
TT0,1,2,4,7	170C7	116D8
TTC	170C7	116D4
TTC1	170D7	SEE MTC CKT

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
U'0	171D5	SEE MTC CKT
U'1,2,4,7	171F5	SEE MTC CKT
UT0,1,2,4,7	171C5	116D8
VF0	171D5	116D4
VF1-4	171F5	116D4
VG0,1	172F0	116D4
VG2	172H0	116D4
VG4,7	172C3	116D4
VG10	172D3	116D4
U0,1,2,4,7	171G1	10587
X11	174B0	116D4

REMOTE OFFICE TEST LINE-TRUNK MAKE BUSY (ROTL-TMB)

DESIG	LOCATION FS	LOCATION CAD
TB0	166C5	11987
TB1-4	166D5	11987
TB5-7	166G5	11987
TB8,9	166C8	11987
TSK	170D5	11987

REMOTE SWITCH SIGNAL CONTROL (RSSC)

DESIG	LOCATION FS	LOCATION CAD
RS0	163G4	80B/F0
RS1	16386	80B/F0
RS2	163C6	80B/F0

ROUTE DISTRIBUTOR (RD)

DESIG	LOCATION FS	LOCATION CAD
HN0,1,2,4,7	152B1	105B7
RTK	169B1	SEE MTC CKT
RTK0,1		105B7
RT42-4		105D7
RTK5-7		105E7

ROUTE DISTRIBUTOR (RD)

DESIG	LOCATION FS	LOCATION CAD
T0,1,2,4,7	166G1	10587
TRA	10E0	SEE MTC CKT
TRA0,1		10587
TRA2-4		105D7
TRA5-7		105E7

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
1TR	139D1	106D0
2TR	139C4	106D0
A0,1,2,4,7	139E9	106D0
B0,1,2,4,7	140F9	160D0
BE	166F6	160D0
C0,1,2,4,7	141C6	106D0
CC0,1,2,4,7	15084	10600
CF0,1	159C9	160D0
CF2	159D9	160D0
CF3,4	159F9	160D0
CKF	166C6	160D0
CP0	145D1	160D0
CP1	145E1	160D0
CP2	14584	160D0
CP3	145C4	160D0
CP4	145D6	160D0
CP5	145E6	160D0
CP6	14566	160D0
CP7	145C9	160D0
CST0,1,2,4	166E4	160D0
CST7	166F4	160D0
CSU,0,1,2,4	167F6	160D2
CSU7	167G6	160D2
D0,1,2,4	146E1	160D2
D7	146F1	160D2

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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DESIG	LOCATION FS	LOCATION CAD
ROUTE TRANSLATOR (RT)		
DAC	166B9	106D2
DRO,1,2,4,7	146F9	106D2
DRA0	161E1	106D2
DRA1	16406	106D2
DRA2	158G1	106D2
DRA4	158F1	106D2
DRA7	165E4	106D2
DRAT0	163D1	106D7
DRAT1	164B1	106D7
U0,1,2,4	167B1	106D7
U7	171G3	106D7
E0,1,2,4,7	147E4	106D2
F0,1,2,4,7	148B1	106D2
FWR	140G1	106D7
HN0,1,2,4,7	166G1	106D2
ID0,1,2,4	154G6	106D5
ID7	170E4	106D5
LA0,1	1E/D1	106D5
OA0,1,2,4,7	170B9	106D5
OB0,1,2,4,7	171C6	106D5
OC0	148F4	106D5
OC1	14886	106D5
OC2	148C6	106D5
OC4	147B6	106D5
OC7	158E6	106D5
ON	2D1	106D5
OT	166E6	106D5
RT	164C1	106D5
RTA		106D5
S0,1	157H6	106D5
S2-4	157B9	106D5
STR	3D0	106D5
STR1	3C7	106D5
STR2	3C6	106D5
T0,1,2,4,7	171G1	106D5
TA0	170C4	106D5
TA1,2,4,7	170D4	106D5
TB0	17GE4	106D7
TB1,2,4,7	170B1	106D7
TC0,1,2,4	173E6	106D7
TC7	154B9	106D7
TCA	141C9	106D7
TCB	141D9	106D7
TH0,1,2,4,7	152B1	106D7
TKT	168C9	
TRB-0	14D8	106D7
TRB-1	14E8	106D7
TRB1-0	14E8	106D7
TRB1-1	14F8	106D7

DESIG	LOCATION FS	LOCATION CAD
ROUTE TRANSLATOR (RT)		
TRST-0	1E/D1	106D7
TRST-1	1E/D1	106D7
TSC0-9	143B6	106D7
ROUTE TRANSLATOR CONNECTOR (RTC)		
RT0	157H6	SEE CM CKT
RT0(0-7)		105F7
RT1	157H6	SEE CM CKT
RT1(0-7)		105F7
SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING (AIS-SC)		
OS0-2	159D0	808/H3
SG	165C0	808/H3
SENDER TEST (ST)		
A0,1,2,4,7	139E7	101D3
B0,1,2,4,7	139G7	101D3
C0,1,2,4,7	141C5	101D3
CI		10180
D0,1,2,4	146E0	101D3
D7	146G0	101D3
E0,1,2,4,7	147E2	101D3
F0,1,2,4,7	148B0	101D3
G0,1,2,4,7	150B5	101D3
H0,1,2,4	151B0	101D3
H7	151C0	101D3
J0,1,2,4,7	152B5	101D3
K0,1,2,4,7	153B5	101D3

DESIG	LOCATION FS	LOCATION CAD
SENDER TEST (ST)		
L0,1,2,4	153F5	101D3
L7	153G5	101D3
M7	156C0	101D3
ON	2B1	101B0
SRT	147C0	101D3
STR	3B0	101B0
STR1	3C5	101B0
STR2	3C4	101B0
STRA	3D4	101B0
TRB	14A8	101B0
TRB1	14A8	101B0
TRC	1288	101B0
TRST	1E/D4	101B0
STUCK SENDER TRUNK IDENTIFIER (SSI)		
CI	1E/D0	66C0
FT0,1	149C5	66C0
FT2	149C5	66C2
FU0.1,2,4,7	150E0	66C0
LH	154E2	66C0
LLP	154E7	66C0
ON	2E1	66C0
OS0-4	159D0	66C0
OSG0-2	159F0	66C0
OSG3,4	159F0	66C2
OSG5-9	159H0	66C2
OSG10,11	159B3	66C2
RH	162D0	66C0
SSA	165C5	
SSB	165D5	
SSTI		66C0
STR	3E0	66C0
SW0,1,2,4,7	150H0	66C2
SWT0	149E5	66C2
SWT1	149G5	66C2
TRB	14C8	66C0
TRB1	14C8	66C0
TRST	1E/D0	66C0
VU0,1,2	162F5	66C2
VU4,7	162H5	66C2

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
1TR	139E1	118D8
2TR	169D6	118D8
A0,1,2,4,7	139D9	119D0
ACD0	140G1	118D8
AL	140C6	118D4
AL2	140D9	
ANG	140F6	119D2
AVG	140D9	118D6
BT	141E4	118D4
CD0	141B9	119D0
CD1	141C9	119D0
CD2	141D9	119D0
CD4	141E9	119D0
CD7	141F9	119D0
CH0-4	142C6	118D0
CH5-9	142D6	118D0
CK	142B9	118D2
CK1-5	142C9	118D2
CKG	142D9	118D2
CL1	143C1	118D2
CL2	143D1	118D2
CL3	143E1	118D2
CL4	143F1	118D2
CL5	143H1	118D2
CN0-2	143G1	118D8,11900
CN3	143B6	118D8,11900
CN4-9	143B6	118D8
CON	143C6	118D4
CS0-4	144B6	118D4
CS5-9	144B6	118D6
CS10-14	144B6	118D4
CS15-19	144B6	118D6
CTO	145C1	119D0
CTI	145D1	119D0
CT2	145F1	119D0
CU0	145C6	119D0
CU1	145E6	119D0
CU2	145G6	119D0
CU4	145C9	119D0
CU7	145E9	119D0
DCT	146F4	118D6
DCTI	146H4	118D2
DISI	146E6	118D6
DR0-5	146F9	118D8
DRC	147B1	119D0
DRT	147C1	119D0
DTK	147B4	118D4
EXB		118D6
EXG		118D6

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
FAK	148H1	118D2
FBK	148B4	118D2
FCG	148D4	118D0
FCK	148F4	118D4
FM	148F6	118D2
FML	148G6	118D0
FR0	148C9	118D8
FR1,2	148D9	118D8
FS0-2	149B1	118D2
FS3,4	149C1	118D2
FTCK	149E9	118D6
FTK1	149F9	118D0
FU'0,1,2,4,7	150G1	119D0
FUT0,1,2,4,7	150B4	118D8
GLH	150F6	118D0
GT2	15009	118D0
GTL	150F9	119D0
HG'0,1,2,4,7	151C4	119D0
HGK	151E4	118D4
HGT0-4	151F4	118D4
HGT5-9	151G4	
HMS1	151E6	118D2
HTK1	152D1	118D0
HTR	152E1	118D6
IFK	152B4	118D8
ITR	152F4	119D0
JC0-4	152E6	118D0
JCK	152E9	118D2
JG0	153B1	118D2
JG1	153C1	118D2
JG2	153E1	118D2
JG3	153F1	118D2
JG4	153G1	118D2
JXP1	153F4	118D2
JXPA	153E4	118D2
LC0-9	154B1	118D6
LCK	154F1	
LDT	154G1	118D6
LFK	154C4	118D0
LK	154C6	118D8
LLO,1	168B4	11900
LL2,4	168D1	
LLT	154F6	11900
LLCK	154B9	11900

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
LV2-9		118D8
LXPA	155G6	118D8
LXPI	155B9	118D8
MAK1	156G1	118D8
MLF	156H4	118D8
MRL	156F6	118D6
MXT	157F1	118D8
OBS1	169D4	118D6
OBS2	169C4	118D6
ON	2A2	118D2
OTT	159D6	
P0	159F6	118D0
P1,2	159H6	118D0
P3,4	159B9	118D0
P5	159D9	118D2
P6,7	159F9	118D2
P8	160B1	118D2
P9	160C1	118D2
PA	160E1	118D2
PK	160G6	119D0
PNR	160E9	118D2
PRR	161E1	119D0
PS	161F1	119D0
RA	161F4	118D4
RA0-4	163B4	118D8
RCY	16189	118D2
RG0-3	143C6	119D0
RK	162B4	118D8
RK1	162D4	119D0
RK2	162E4	119D0
RK3	162F4	119D0
RL	162G4	119D2
RL2	175G4	
RN0,1,2,4,7	152F4	
RR	163G4	118D6
RT0-3	164C1	118D6
RTE0	164E1	118D6
RTE1	164F1	118D6
RTE2	164H1	118D6
RTE4	164B4	118D6
SCB	164D6	119D2
SDG	16489	119D2
SDT	164D9	118D6
SL	165E1	118D8
SNK	165C4	118D6
SNR	165D4	118D4
SQ1	165G4	118D0
SQA	165H4	118D0

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
STP1	16589	11804
STP2	165C9	11804
STR	3F5	11804
STRA	3G5	11806
TA	166B4	11802
TBO	166C6	11802
TB1-4	166D6	11802
TB5	166G6	11805
TB6,7	166G6	11902
TBK	166E9	11800
TCI	167F1	11808
TCHK	167G4	11804
TCK	167H4	11802
TG0,1	167C9	11802
TG2-4	167D9	11802
TG5	167E9	11808,11902
TG6-8	16889	11902
TG9	16889	11902
TG10-14	168C1	11902
TG15-19	168D1	11902
TI	16806	11808
TIR	1468	11806
TK	16389	11802
TM	169C1	11806
TP0-4	16389	11806
TRL	16966	11804
TRS	169E9	11804
TRSI	1F/G5	11806
TRST	1F/G4	11806
TS0-3	170D1	11800
TS4	170E1	11800
TS5-9	170F1	11800
TS10-14	170G1	11800
TS15-19	170H1	11800
TSA	170F4	11902
TSE	170H4	11806

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
TS00	173D6	11902
TS01,2,4,7	173E6	11902
TTG0	170F9	11808
TTG1	171B1	11808
VF'0,1,2,4,7	171F6	11902
VFT0	171C9	11804
VFT1	171D9	11804
VFT2	171F9	11804
VFT3	172C1	11804
VFT4	172D1	11804
VG'0,1,2,4,7	172E4	11902
VG'10	172G4	11902
VGT0-4	172C6	
VGT5-9	17206	11902
VGT10,11	172E6	
VTK1	172E9	11802
WT	173C9	11806
X8T	174E1	11800
XCH	174G1	11804
XCL	17509	11804
XCS	174H4	11902
XHG	174C9	11802
XI	175C1	11902
XJC	175D1	11800
XJG	175F1	11800
XJS	175H1	11802
XLC	175D4	11804
XLG	175F4	11904
XLH		11802
XLO	175B6	11902
XLR	174E4	11800
XLS	175D6	11800
XLV	175F6	11800
XMRL	175G6	11902
XRL	175E9	11902
XSL	176G1	11804
XSS	165E9	11800
XTB1	176D4	11902
XTC	176F4	11808
XTC1	176H4	11808
XTG1	176C6	11804
XTRK	174C4	11800
XTRL	176C4	11800
XTS	176F6	11804
XTS1	176H6	11804
XVGA	176C9	11808
XVGB	174C6	11800

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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CN1		90D7
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DTF	147F1	90D7
FR0	148C9	90D7
FR1	148D9	90D7
FR2	148D9	
FRG	27D8	
MG	28F3	SEE DTM CKT
RG0,1	143C6	
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RIK	162F1	
XHG1	174D9	SEE CM CKT
XHGA	174E9	
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2LV	145B0	
2W	139D2	109D8
A0,1,2,4,7	139E7	109D0
AIODT2	160F7	
AL	140D5	109D0
ALT	140D5	109D0
AMA	140E5	109D0
B0,1,2,4,7	140G7	109D0
BT	141E2	109D0
C0,1,2,4,7	141C5	109D0
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CGB	142D2	109D0
CIB	5E7	100C7,109D0
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CRU1	144D2	109D0
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CRU7	144H2	109D0
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CSG2	144E7	109D0
CSW	145B0	109D0
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DESIG	LOCATION FS	LOCATION CAD
TRANSFER TEST REGISTER (TTR)		
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CU1	145E5	109D0
CU2	145G5	109D0
CU4	145B7	109D0
CU7	145D7	109D0
CWCN	145F7	109D0
D0,1,2,4	146E6	109D0
D7	146G0	109D0
DCT	146F2	109D0
DIS	146C5	109D2
DIS1	146E5	109D2
E0,1,2,4,7	147E2	109D2
ECN	147B5	109D2
ELL	147C7	109D2
F	147G7	109D2
F0,1,2,4,7	148B0	109D2
FAC	148F0	109D2
FCK	148F2	
FG0	148G2	109D2
FG1	148B5	109D2
FG2	148C5	109D2
FTO-3	149C5	109D2
FTC	149D7	109D2
FTCK	149E7	109D2
FU0,1,2,4,7	150D0	109D2
FVD	150F2	109D2
G0,1,2,4,7	150B5	109D2
GPA	140D7	109D2
GPB	150G5	109D2
H0,1,2,4	151B0	109D2
H7	151C0	109D2
HG0,1,2,4,7	151B2	109D2
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INC	152C2	109D4
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LHM	154E2	109D4
LHMT	154F2	109D4
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LT2	155G2	109D4
LT3	155H2	109D4
MF	156E2	109D7
MKS	7F8	100C7,109D4
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MRL	156G5	109D4
MT1K	156C7	109D4
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MT5	156E7	109D4

DESIG	LOCATION FS	LOCATION CAD
TRANSFER TEST REGISTER (TTR)		
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MT9K	157B0	
MT10K	157C0	
NDT	157E3	109D4
NH	140G2	109D4
NOBT	158D0	109D4
OB	158B5	109D4
OR	159B0	109D4
PCD	160E3	109D4
PCD1	160F3	109D4
PCR	160B5	109D4
PK	160G5	109D4
PK1	160B7	109D4
POTS	160F7	75C/H7
RA	161F3	109D4
RA4	144G2	
RB3	144C2	
RB4	144H2	
RBT	161F3	109D4
RBT1	161G3	109D4
RC3	144D2	
RD3	144F2	
ROG	163D0	109D4
RP	163G0	109D6
SO-9	164G3	109D6
SB		109D6
SBT	164B5	109D6
SCK	164E5	109D6
SPL	157D7	
TAN	166C3	109D6
TAN1-4	166E3	109D6
TB	166G3	109D6
TBT	167D0	109D6
TBTO-4	151G5	109D6
TBT5-9	151D7	109D6
TBTA	167DG	109D6
TBUO-4	166C0	109D6
BU5-9	166E0	109D6
TBUA	167E0	109D6
TCA	167G0	109D6
TCB	167B3	109D6
TDCT	167C5	109D6
TFO,1,2	167F5	109D6
TF4	167H5	109D8
TF7	167B6	109D8
THTO,1	168C3	109D8
THT2,3	168C5	109D8
TI	6H1,168E6	100C7,109D8
TM	6D0	100C7,109D8
TMK	169D0	109D8
TMK1	169D0	109D8
TOL	169F3	109D8
TR2	169D5	109D8
TRK	139D0	109D8
TRL	169G5	109D8
TRL1	169H5	109D8
TRL2	169B8	109D8

DESIG	LOCATION FS	LOCATION CAD
TRANSFER TEST REGISTER (TTR)		
TS	6E8	100C7,109D8
TSE1	170B5	109D8
TSE2	170B5	
TST	10F5	100C7,109D8
TSTL	170F5	
TTO,1,2,4,7	170C7	109D8
TTR	171C1	100C7,109D8
TTRP	1E/D5	100C7,109D8
U'0	171D5	
U'1,2,4,7	171F5	
UTO,1,2,4,7	171C5	109D8
VFO	171D5	109D8
VF1-4	171F5	109D8
VG0,1	172F0	109D8
VG2	172H0	109D8
VG4,7	172C3	109D8
VG10	172D3	
X11	174B0	109D8
TRANSFER TRUNK (TRT)		
HN0,1	152B1	80B/G0
TO,1,2,4,7	166H1	80B/G0
U0,1,2,4,7	171F1	80B/G0
TRANSFER TRUNK LINK (TTL)		
LC0-4	154B1	
TRANSFER TRUNK LINK CONNECTOR (TTLC)		
TRA	10G0	
TSK	170D6	SEE DTM CKT
TST	10G8	

DESIG	LOCATION FS	LOCATION CAD
TRANSLATOR ACCESS (TA)		
ITR	139C1	
2TR	139B4	
CI	1A/B2	154A2-D2
EF	147F6	
EVG	147E9	
FTO-5	149D6	
FU0,1,2,4,7	150F1	
GC	175C9	
HG0,1,2,4,7	151B4	
OF	158C9	
OVG	159E6	
RCCK	11G5	152A4,A7
RPT	172B9	
SC	164B6	
SW0,1,2,4,7	151B4	
TGR	174F4	
TI	6H2	
TNK	174B9	
TPT	172F6	
TRB-	13C8	154A2-D2
TRST	1A/B2	154A2-D2
TS	5A2	
TVA-	1A/B3	154A2-D2
TVB-	1A/B3	152A4-A7
TVC00	29G/D5	152G1
TVC01	29G/F5	152G1
TVC02	29G/G5	152G1
TVC10	29G/D5	152G1
TVC11	29G/F5	152G1
TVC12	29G/G5	152G1
TVT	157C4	
VFO	171D6	
VF1-4	171F6	
VG0-5	172D4	
XET	156G6	
XTL	164D4	
XVF	141B4	
XVG	142F4	
TRANSLATOR ADMINISTRATION AND TEST (TAT)		
A0,1,2,4,7	139E9	107D0
B0,1,2,4,7	140F9	107D0
C0,1,2,4,7	141C6	107D0
D0,1,2,4	146E1	107D0
D7	146F1	107D0

DESIG	LOCATION FS	LOCATION CAD
TRANSLATOR ADMINISTRATION AND TEST (TAT)		
E0,1,2,4,7	147E4	107D0
F0,1,2,4,7	148B1	107D0
G0,1,2,4,7	150B6	107D0
H0,1,2,4	151B1	107D0
H7	151D1	107D0
J0,1,2,4,7	152B6	107C2
K0,1,2,4,7	153B6	107C2
L0,1,2,4	153F6	107C2
L7	153G6	107C2
M0,1,2,4	156B1	107C2
M7	156C1	107C2
N0,1,2,4	150B9	107C2
N7	150C9	107C2
STRI	3D7	107C2
STRA	3E7	107C2
TRANSVERTER (TV)		
ITR	139C1	86C5,121A/A0
2L	142E4	86D2,121A/F3
2TR	139B4	86C5,121A/A0
2W	163D4	86F2,121A/F3
4DG	139H4	86D2,121A/F3
4L	167D4	86D2,121A/F3
4W	163C4	86F2,121A/F3
5DG	139D6	86D2,121A/F3
A0,1,2,4,7	139F9	86C7,121A/A3
A'0	140B1	86G2,121A/A0
A'2	140D1	86G2,121A/A0
AC	165D6	86C5,121A/A0
AOS	14989	86D2,121A/A3
ATO,1,2,4,7	150D6	121A/A0
B0,1,2,4,7	140G7,G9	86C7,121A/A3
B'0,1,2,4,7	141B1	86G2,121A/A0
BA	176D4	86C5,121A/A0
BTO,1,2,4,7	151E1	121A/A0
BY	173H6	86C5,121A/A0
C	141B6	86G2,121A/A0
C0,1,2,4,7	141C6	86C7,121A/A3
C'0,1,2,4,7	141E6	86G2,121A/A0
CD0,1,2,4,7		86D2,121A/A3
CI	1A/C5	86G0,121A/B5
CII	174E9	86C5,121A/A0
CIIT	142F6	86C5,121A/A0
CI2	175B4	86C5,121A/A0
CI2T	142F6	86C5,121A/A0
CI3	174C1	86C5,121A/A0
CI3T	142F6	86C5,121A/A0
CI4	174E1	86C5,121A/A0
CI4T	142F6	86C5,121A/A0
CIFA	175B1	86C5,121A/A0
CIFAT	142F6	86C5,121A/A0

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
CK	175E6	86C5,121A/A0
CK1	176G4	86A5,121A/A0
CK2	174B4	86A5,121A/A0
CK4	176B4	86F2,121A/F3
CK7	176E4	86F2,121A/E3
CKG	175B9	86C5,121A/A0
CMB	145G4	86G2,121A/A0
CP0	144E1	86D2,121A/E3
CP1	144F1	86D2,121A/E3
CP2	144E1	86D2,121A/E3
CP4	144E1	86D2,121A/E3
CP7	144F1	86D2,121A/E3
CTO,1,2,4,7	152C6	121A/A0
D0,1,2,4	146E1	86C7,121A/A3
D7	146F1	86C7,121A/A3
D'0,1,2,4,7	146B4	86G2,121A/A0
DIST	146F6	86C5,121A/A0
DNK	176B9	86D2,121A/F3
DS	176G6	86G2,121A/A0
DTK	147C4	86C5,121A/A0
DTK1		86C5
DTKA	147C4	86G2,121A/A0
DTN	174C4	86G2,121A/A0
DTW	159F4	86C5,121A/A0
EXB		86C5,121A/A0
EXG		86C5,121A/A0
EXT	147E9	86C5,121A/A0
F0,1,2,4,7	148C1	86F5,121A/A3
F'0,1,2,4,7	148D1	86G2,121A/A0
FABC	175G6	86F2,121A/F3
FABK	174F1	86F2,121A/F3

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
FTO-3	149C6	86D2,121A/F3
FU0,1,2,4,7	150E1	86D2,121A/F3
GO,1,2,4,7	150C6	86F5,121A/A0
GC	175B9	86C5,121A/A0
HO,1,2,4	151B1	86F5,121A/A0
H7	151D1	86F5,121A/A0
HNO-4	151B9	86F2,121A/F3
HN5-9	151F9	86F2,121A/F3
IC	175D4	86C5,121A/A0
ICK	152G1	86G2,121A/A0
IOD	149F6	86D2,121A/A3
IR	152D4	86G2,121A/A0
IRY	174D4	86C5,121A/A0
JO,1,2,4,7	152B6	86F5,121A/A0
KO,1,2,4,7	152B6	86C5,121A/A0
L	162G4	
LO,1,2,4	153E6	86F2,121A/F3
L5D	162D1	86D2,121A/F3
L7	153G6	86F7,121A/F3
LCP	174C1	86C5,121A/A0
LST	154E4	86D2,121A/F3
M7	156C1	86F2,121A/F3
MB	9F3	86G0,121A/B5
MBO,1,2	156B4	86D2,121A/F3
MB4,7	156C4	86D2,121A/F3
MC	156D4	86C5,E5, 121A/A0,DD
MOA	156C6	86C5,E5, 121A/A0
MRRL	175B1	86C5,121A/A0
MRST	174E1	86C5,121A/A0
NAC	162E9	86C5,121A/A0
NID	149E6	86D2,121A/A3
NOB	158B1	86C5,121A/A0
NSP	169D4	86D2,121A/A3
OARO	143D1	86F2,121A/F3
OAR1	143F1	86F2,121A/F3
OAR2	143G1	86F2,121A/F3
OBS	158C6	86C5,121A/A0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEAD INDEX FOR TABLE IE

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD
OF	158B9	86F2,121A/F3
OFF0,1,2	157F4	86F2,121A/F3
OFF3,4	157G4	86F2,121A/F3
OFF5	157B6	86F2,121A/F3
OFF6-9	157C6	86D2,121A/A3
OFT	148E4	86F2,121A/F3
OFTO	157E6	86D2,121A/A3
OFT1,2	157F6	86D2,121A/A3
OPI	175C1	86C5,121A/A0
P	176B6	86G2,121A/A0
PI	174C6	86G2,121A/A0
P5	159E9	86C5,121A/A0
PA	160F1	86G2,121A/A0
POTS	159E4	86C5,121A/A0
PRE	176C4	86C5,121A/A0
PT	176D6	86G2,121A/A0
PTI	175F1	86G2,121A/A0
RA1	145E1	86F5,121A/A0
RA2	145B6	86F5,121A/A0
RA3	145C9	86F5,121A/A0
RB	161F4	86C5,121A/A0
RB1	145G1	86C5,121A/A0
RB2	145D6	86C5,121A/A0
RB3	144C4	86C5,121A/A0
RC1	145C4	86D2,121A/A3
RC2	145F6	86D2,121A/A3
RC3	144E4	86D2,121A/A3
RCCK	11F5	86B4,121A/B5
RCI	21A1	86G0,121A/B5
RD	175D9	86G2,121A/A0
RD1	145D4	86C5,121A/A0
RD2	145B9	86C5,121A/A0
RD3	144F4	86C5,121A/A0
RDL	161C9	86G2,121A/A0
RK	17496	86C5,121A/A0
RL	155G1	86C5,E5, 121A/A0,E0
RLA	162G4	86C5,121A/A0
RLR	174B1	86D2,121A/F3
RN0,1,2	162F6	86F5,121A/A0
RN4,7	162H6	86F5,121A/A0
RNA	21B2	86E1,121A/D3, E3
RNTO	158G6	86D2,121A/A3
RNT1	140B4	86D2,121A/A3
RNT2	162C9	86D2,121A/A3
RPT	172B9	86D2,121A/F3
RST0-9	143D6	86A5,121A/A0
RST10-15	143F6	86D2,121A/A3
RST16-19	143C9	86D2,121A/A3
RST20-23	163E9	86H2,121A/A0
RST24-29	163F9	86H2,121A/A0
SC	164C6	86C5,121A/A0
SCH	159B6	86C5,121A/A0
SNC	165D6	86C5,121A/A0
SP	173F6	86D2,121A/F3
SPC	169B9	86D2,121A/A3
SPL	157D9	86G2,121A/A0
TO-4	166D1	86F2,121A/F3
T5-9	166F1	86F2,121A/F3
TBL	176B1	86G2,121A/A0
TBY	167E1	86F2,121A/F3
TC1	1A/C4	121A/D3
TCT	167B6	86G2,121A/A0
TEA	175C9	86C5,121A/A0
TET	167E6	86C5,121A/A0
TGR	174F4	86D2,121A/F3
TH0-4	151H6	86F2,121A/F3
TH5-9	151D9	86F2,121A/F3
TIC	168F6	86C5,121A/A0
TIK	168F6	86C5,121A/A0
TM	6E5	86F0,121A/D5
TM1	173C9	86F5,121A/A0
TM2	164D9	86F5,121A/A0
TM2T	173C9	86F5,121A/A0
TM3T	164D9	86F5,121A/A0
TNK	174B9	86C5,121A/A0
TNO	169E1	86D2,121A/F3
TNR	176B1	
TOK	176E1	86C5,121A/A0
TOP	169G4	86D2,121A/F3
TPT	172F6	86F2,121A/F3
TR	152F4	86A5,B5, 121A/A0,C0
TRA	169E6	86C5,121A/A0
TRB	13C8	86G0,121A/B5
TRL	174E6	86C5,121A/A0
TRP		86H2,121A/A0, B0
TRS	169D9	86A5,121A/A0
TRST	1A/C5	86G0,121A/B5
TRT0,1,2,4	166D4	121A/A0
TRT7	166F4	121A/A0
TSL	170D6	86D2,121A/F3
TTT	163F4	86A5,121A/A0
TVA	1A/A3	86G0,121A/B5
TVB	1A/A3	86G0,121A/B5
TVT	11C2	86G0,121A/B5
TVT3(-)	21D2	86G0,121A/B5
TVTA(-)	8E5	86G0,121A/B5
U0-9	171B4	86F2,121A/F3
UK	171D4	86G2,121A/A0
VG0,1	172E1	86D2,121A/F3
VG2	172G1	86D2,121A/F3
VG4,7	17284	86D2,121A/F3
VG10	17204	86D2,121A/F3
W	159G4	86C5,121A/A0
X	173B6	86F2,121A/F3
X2P	141E4	86C5,121A/A0
XCK	168G6	86C5,121A/A0
XDS	145F9	86C5,121A/A0
XET	156G6	86F2,121A/F3
XIC	153F4	86D2,121A/F3
XICK	173B4	86C5,121A/A0
XNL	173C4	86F2,121A/F3
XOF	169F6	86F2,121A/F3
XP	145F9	86C5,121A/A0
XRB	163D4	86C5,121A/A0
XRD	141E4	86C5,121A/A0
XRE	159C6	86F2,121A/F3
XRL	155C9	86C5,121A/A0
XRN	159E1	86F2,121A/F3
XRST	153G4	86F2,121A/F3
XS	146E6	86F2,121A/F3
XST	155D9	86A5,121A/A0
XT	176G1	86G2,121A/A0
XTKK	173E9	86C5,121A/A0
XTS	153F4	86D2,121A/F3
XU	173D4	86C5,121A/A0
XVF	141B4	86F2,121A/F3
XVG	142F4	86F2,121A/F3

TRANSVERTER CONNECTOR (TVC)

DESIG	LOCATION FS	LOCATION CAD
CD0,1	147C6	89B7,127D0
CD2,4,7	147D6	89B7,127D0
CN0-2	143F4	89F7,127D0
CN3	27F3	89D7,127D0
FR0	148B9	89F7,127D0
FR1-4	148E9	89F7,127D0
FR5	27F8	89D7,127D0
SO-14		89F7,127D0
SG	28G3	89D7,127D0
SW0,1,2,4,7	151B4	89B7,127D0
VF0	171D6	89B7,127D0
VF1-4	171E6	89B7,127D0

TROUBLE RECORDER CONNECTOR (TRC)

DESIG	LOCATION FS	LOCATION CAD
CN0-2	143G4	80B/D0
CN3	143H4	80B/D0
FR0	148C9	80B/D0
FR1	148D9	80B/D0
FR2	148D9	80B/D0
FR3	148D9	
RP0-3	163B4	80B/D0
RP4	163C4	80B/D0
RPAB	163C4	80B/D0
RPB	163D4	80B/D0
RPSA	163E4	80B/D0

TRUNK CONTROL (TC)

DESIG	LOCATION FS	LOCATION CAD
AL0	148E1	120B5,D5
AL1	140D6	120B5,D5
AL2	152B1	120B5,D5
AL4	150G6	120B5,D5
AL7	146C1	120B5,D5
ALS	148D1	120B7,F7
ARO	144B1	120B5,D5
AR1	146E9	120B5,D5
AR2,4	158F4	120B5,D5
AR7	140B9	120B5,D5
ARS	158E9	120B7,D7
BA	176D4	120B7,D7
DS	176F6	120B7,F7
DTK	175E1	120B7,F7
IPA	151B6	120B7,F7
MRRL	175B1	120B7,F7
MRST	174E1	120B7,F7
ONL	2F6	120F5
OTO	151C6	120B5,D5
RC(-)	21B2	120F5
RCCK	11F5	120F5
RST0-9	143E6	87H0
RST10-15	143G6	87H0,95D1
RST16-19	143D9	87H0,95D1
SP	173F6	120B7,F7
T0,1,2,4,7	171C6	120B5,D5
TBL	176C1	SEE AMAR CKT
TCI	21B1	120F5

TRUNK CONTROL (TC)

DESIG	LOCATION FS	LOCATION CAD
TCN0-9	143E6	120F5
TCN10-15	143G6	120F5
TCN16-19	143D9	120F5
TM	6G3	120B7,F7
TNR	176C1	120B7,F7
TRB	14B2	120F5
TRCA	28A8	120F5
TRCB	28A8	120F5
TRCC	28B8	120F5
TRL	174E6	120B7,F7
TRST	18/80-83	120F5
TTKL	175B4	120B7,F7
TV	151H4	120B7,F7
U0	148F4	120B5,D5
U1	14886	120B5,D5
U2	148C6	120B5,D5
U4	14786	120B5,D5
U7	158F6	120B5,D5
XOST	146F4	120B7,F7
XPI	173D9	SEE AMAR CKT
XRB	163D9	120B7,F7
XRL1	150D9	120B7,F7
XRTL	140E9	120B7,F7
XT1	173B9	120B7,F7
XTC	176F4	120B7,F7
XTL	176D6	120B7,F7
XTOK	163C9	120B7,F7
XTP	173D9	120B7,F7
XU1	161C9	120B7,F7

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LC0-9	154B1	90F0
LV0-9		90F0
LVR	155F6	90F0
LVS	155F6	90F0

TRUNK LINK CONNECTOR (TLC)

DESIG	LOCATION FS	LOCATION CAD
TRA	10F0	74C2,83G0, 111E0,H5
TSK	170D6	SEE CM, DTM CKT
TST	10E8	74C2,83G0, 111E0,H5
TTA	10D8	74C2,111E0
TTM	10C8	74C2,111E0

TRUNK TEST (TT)

DESIG	LOCATION FS	LOCATION CAD
AMA	140E5	
FS0-2	149B0	120C0
FS3,4	149C0	120C0
FS5-9	149D0	120C0
FS10-14	149E0	120C0
FS15-19	149F0	120C0
FS20,21	149G0	120C0
FS22-26	149B2	120C0
FS27-29	149C2	120C0
ROT	163E0	
TS0-3	170C0	120C0
TS4	170D0	120C0
TS5-9	170E0	120C0
TS10-14	170F0	120C0
TS15-19	170G0	120C0

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
CIA	1F/D0	
CIA1	1F/D4	100C4
CIA2		100C4
CP1,2,4,8	150D1	100D2
CP16	172F1	100D2
DIS	149C6	100D2
FT0	159C4	100D2
FT1	159D4	100D2
FU0	159D4	100D2
FU1	159F4	100D2
FU2	159G4	100D2
FU4	159G4	100D2
FU7	159B6	100D2
GRP0	165C6	100D2
GRP1	165D6	100D2
LT0	162E9	100D2
LT1	154D4	100D2
LT2	162D1	100D2
LT4	139H4	100D2
LT7	139D6	100D2
LU0	164C6	100D2
LU1	157C4	100D2
LU2	158D6	100D2
LU4	158C1	100D2
LU7	140E6	100D2
ON	2C1	100C4
OP	1F/F0	
OP1	1F/F4	100C4
OP2		100C4
RSD	150D1	100D2
SD	149C6	100D2
SR	149C6	100D2
STR	3D0	100C4

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
TER	149C6	100D2
TM5	172F1	100D2
TRB	12E2	100C4
TRB1	12E2	100C4
TT0,1	155D1	100D2
TT4	172D9	100D2
TT7	146C9	100D2
TU0	148C4	100D2
TU1	173C6	100D2
TU2	140G4	100D2
TU4	157D9	100D2
TU7	158B4	100D2
WC	173E1	100A5,C4

WIDEBAND LINE LINK CONNECTOR (WLLC)

DESIG	LOCATION FS	LOCATION CAD
RSGA	176D9	80B/G3
RSGB	176D9	80B/G3

WIDEBAND TRUNK LINK CONNECTOR (WTLC)

DESIG	LOCATION FS	LOCATION CAD
TSG-3	170B1	80B/G3
TSGA	176E9	80B/G3
TSGB	176E9	80B/G3

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE IE (SEE NOTE 1302)

DESIG	LOCATION FS	LOCATION CARD
1TR	139C0	S7,00F
		S7,00B
2DT	139E0	S3,02F
		S3,02B
2L	142D2	SA2,31B
2LN	139G0	FA4,11F
(2LV)	145B0	RA2,31B
2P	167B3	S4,31F
2TR	139B2	S7,01F
		S7,01B
2W	139C2, 163D3	S4,50F, S6,00B
3AM	163G3	SA3,52B
3ANT	172C0	SA3,51B
4B	139F2	RA6,12F
4DG	139G2	R4,22F
		R4,22B
4L	167C3	SA2,32B
4W	139B5, 163C3	S3,50F, S6,01B
4WL	172A7	SA3,30B
4WT	172F5	SA3,24B
5DG	139C5	R4,23F
		R4,23B
5I	139E5	RA6,13F
7DG	144D5	SA2,01B
7T	139G5	RA6,14F
11	139C7	S3,10F
		S3,10B
40	140B2	R3,21F
		R3,21B
AD'	140C2	R3,23F
A	139D7, 171B7	RA3,24F, SA3,42B
A0,1,2,4,7	139D7	S1,00-04F
		S1,00-04B
A'0	140B0	S0,00F
		S0,00B
A'1	140C0	S0,01F
		S0,01B
A'2	140C0	S0,02F
		S0,02B
A'4,7	140E0	S0,03,04F
ABX	172F7	SA2,34B
AC	144C5, 165D5	SA2,00B, R4,13B
ACB	140E0	S4,32F
ACD	140F0	R3,50F
		R3,50B
ACDO	140F0	S8,12F
ACTA	155D5	RA8,03B
ACTB	155F5	RA8,04B

DESIG	LOCATION FS	LOCATION CARD
(AG1)	140D2	R5,50F
(AG2)	140E2	R5,21F
(AG3)	140E2	R5,52F
(AG4)	140E2	R5,53F
AGCK	140F2	RA6,23F
AID	140F2	R4,50F
AIODTO	154E7	RA4,00B
AIODTI	154F0	RA4,01B
AIODT2	160F7	RA4,02B
AIS	140B5	RA6,43F
AK	140C5	RA3,30F
AL	140C5	R6,12F
ALO	148E0	R6,11B
ALI	140C5	R6,12B
AL2	140D7	R6,13B
AL4	150F5	R6,14B
AL7	146C0	R6,20B
ALN	165D3	S6,23F
ALS	148D0	R6,10B
AMA	140D5	R4,33F
AN	140E5	RA3,01F
ANC	140F5	R2,54F
(AOS)	149B7	R0,02B
AOT	140F5	S6,41F
ARO	144B0	R6,22B
ARO,1	140G5	S2,30,31F
AP1	146E7	R6,23B
AR2	158F3	R6,24B
AR2,4,7	140H5	S2,32-34F
AR4	158F3	R6,30B
AR7	140B7	R6,31B
ARET	140B7, 147B0	S8,24F, S8,04B
ARS	158E7	R6,21B
ASK	140C7	S2,23B
ASP	174G3	SA5,44B

DESIG	LOCATION FS	LOCATION CARD
B	171C7	SA3,43B
B0,1,2,4,7	140E7	S1,10-14F
		S1,10-14B
B'0,1,2,4,7	141B0	S0,10-14F
		S0,10-14B
BA	176D3	SA5,12B
BAR	142B5	RA7,32B
BBFC	147B0	S6,32B
BCN	141C0	SA4,41F
(BE)	166E5	SA0,02B
BIO	147G0	S6,34B
BII	146D2	S6,40B
BIRA	164B3	SA2,22B
BL0	152G5	RA8,40B
BL1	152H5	RA8,41B
BL2	152B7	RA8,42B
BL4	152B7	RA8,43B
BL7	152C7	RA8,44B
BLDA	141D0	RA4,13F
BLT	141D0	RA4,12F
BN	141E0	RA2,13F
BRO	152C7	RA8,50B
BRO,1	141F0	S2,40,41F
BRI	152D7	RA8,51B
BR2	165B7	RA8,52B
BR2,4,7	141F0	S2,42-44F
BR4	165C7	RA8,53B
BR7	141G0	RA8,54B
BRL	141B2	SA6,52F
BSP	175E3	SA5,43B
BT	141D2	SA6,51F
BTO,1,2,4,7	151D0	R7,10-14B
BWO-119	20E5-E8	
BWXO-3	20E8	
BY	141F2, 173H5	RA2,23F, SA4,54B
ATT	147B0	S6,32F

DESIG	LOCATION FS	LOCATION CARD
CDO	141B7	S2,00F
(CDO,1)	147C5	R1,50,51B
CD1	141C7	S2,01F
CD2	141D7	S2,02F
(CD2,4,7)	147D5	R1,52-54B
CD4	141E7	S2,03F
CD7	141F7	S2,04F
(CD10)	160G3	S2,10B
(CD15)	161C0	S2,11B
(CD'0)	162B5	S2,12B
(CD'1)	161C3	S2,13B
(CD'2)	176C7	S2,14B
(CD'4)	158B3	S2,20B
(CD'7)	142G5	S2,21B
(CD'10)	162C3	S2,22B
(CD'15)	140C7	S2,23B
(CDA0,1)	147C5	R1,50,51B
(CDA2,^,7)	147D5	R1,52-54B
(CDA'0,1,2,4)	147G5	R0,50-53B
(CDA'7)	147B7	R0,54B
CDN	142B0	RA6,11F
CE'	142G0	SA6,03F
(CFO,1)	159B7	RA7,02,03B
(CF2)	159C7	RA7,04B
(CF3,4)	159E7	RA7,10,11B
CGA	142B2	SA2,24F
CGB	142C2	SA2,30F
CGC	142D2	SA2,31F
CGT	142F2	SA6,54F

DESIG	LOCATION FS	LOCATION CARD
(CKF)	166C5	SA0,00B
CKG	142C7, 175B7	SA8,10F, SA4,01B
CKLO	160D0	RA7,40B
CKL1	160G0	RA7,41B
CKL2	160C3	RA7,42B
CKL4	160E5	RA7,43B
CKL7	153B0	RA7,44B
CKLS	142C5	RA7,33B
CKR	142F7	RA3,22F
CKRO	153C0	RA7,50B
CKR1	153D0	RA7,51B
CKR2	153E0	RA7,52B
CKR4	153G0	RA7,53B
CKR7	143B0	RA7,54B
CKRS	160E7	RA7,34B
CLO	170B3	SA0,40B
CL1	143C0	R2,41F
CL1,2,4,7	170C3	SA0,41-44B
CL2	143C0	R2,42F
CL3	143E0	R2,43F
CL4	143F0	R2,44F
CL5	143G0	R2,50F
CL6	143B2	R2,51F
CL7	143B2	R2,52F
CL8	143C2	R2,53F
CLF	159C3	R4,00B
(CLG)	168E7	RA6,44B
CLK	167H3	RA6,50F
CM	143D2	RA6,32F
CM3	141B7	S2,00B
CMA	141C7	S2,01B
CMB	141D7	S2,02B
CMC	141E7	S2,03B
CMK	160C5	S4,14B
CN	143E2	RA6,00F
CNO,1	143F2	R5,10,11F
		R5,10,11B
CNO-2	143G2	S5,10-12F
		S5,10-12B
CN2	143F2	R5,12F
		R5,12B
CN3	143G2	R5,13F
		R5,13B
CN3	143H2	S5,13F
CN/TO	143D7	S4,00F
CN/T1	143E7	S4,01F
CN/T2	143E7	S4,02F
CN/UO,1,2,4,7	143F7	S4,03,04, 10-12F
CNR	144B0	S4,24F
CNS	144B0	R6,22F
CON	144C0	SA7,30F

DESIG	LOCATION FS	LOCATION CARD
(CPO)	145D0	SA1,00B
CPO,2,4	144D0	R2,00,02,03F
		R2,00,02,03B
(CP1)	145E0	SA1,01B
CP1,7	144E0	R2,01,04F
		R2,01,04B
(CP2)	145B2	SA1,02B
(CP3)	145C2	SA1,03B
(CP4)	145B5	SA1,04B
(CP5)	145D5	SA1,10B
(CP6)	145F5	SA1,11B
(CP7)	145B7	SA1,12B
CPTO	142G2	RA7,24B
CR	144G0	S4,21F
CRO	170D3	SA0,50B
CRO,1,2,4,7	144G0	S2,50-54F
CR1,2,4,7	170B0	SA0,51-54B
CRS	144B2	R5,54F
CRT	149G2	SA0,31B
CRUO	144C2	SA1,14F
CRU1	144D2	SA1,20F
CRU2	144E2	SA1,21F
CRU4	144F2	SA1,22F
CRU7	144G2	SA1,23F
(CSTO,1,2,4)	166D3	S4,40-43B
(CST7)	166F3	S4,44B
CS/TO	144C5	AB2,3F
CS/T1	144C5	SA2,00F
CS/T2	144D5	SA2,01F
CS/T4	144E5	SA2,02F
CS/T7	144F5	SA2,03F
(CSUO)	139C2	S4,50B
(CSU1,2,4)	167E5	S4,51-53B
(CSU7)	167G5	S4,54B
CS/UO	144F5	SA2,04F
CS/U1	144G5	SA2,10F
CS/U2	144B7	SA2,11F
CS/U4	144B7	SA2,12F
CS/U7	144C7	SA2,13F
CSW	145B0	RA2,31F
CTO	145C0	AB1,3F
CTO,1,2,4,7	152C5	R7,20-24B
CT1	145D0	SA1,00F
CT2	145E0	SA1,01F
CT4	145B2	SA1,02F
CT7	145C2	SA1,03F
(CT'0)	162B5	S2,12B
(CT'1)	161C3	S2,13B
(CT'2)	176C7	S2,14B
(CT'4)	158B3	S2,20B
(CT'7)	142G5	S2,21B
(CT'10)	162C3	S2,22B
(CT'15)	140C7	S2,23B
CTBL	164E7	RA8,31B
CTI	145F2	RA4,03F
CTUK	145B5	RA6,41F
CUO	145B5	SA1,04F
CU1	145D5	SA1,10F
CU2	145F5	SA1,11F
CU4	145B7	SA1,12F
CU7	145C7	SA1,13F
CWCN	145E7	SA6,30F
CWF	146B0	S7,20F
CWK	146C0	R6,20F

DESIG	LOCATION FS	LOCATION CARD
D	146D0, 171E7	S6,54F, SA3,44B
DO,1,2,4	146E0	S1,30-33F
		S1,30-33B
D7	146F0	S1,34F
		S1,34B
D'0,1,2,4,7	146B2	S0,30-34F
		S0,30-34B
DA	175C5	SA5,50B
DAC	146C2	RA4,21F
(DAC)	166B7	SA0,03B
DAT	146C2	RA4,14F
DATI	146D2	S6,40F
DC	155B5	RA8,00B
DCC	155C5	RA8,01B
DCK	146B0	S7,20F
DCKF	162B0	RA8,24B
DCT	146E2, 165D7	SA7,32F, SA5,54B
DCT1	146G2	SA7,40F
DCT2	146B5	SA7,43F
DCT3	146B5	SA7,41F
DISI	146D5	SA7,44F
DLO,1,2,4	173E5	SA1,40-43B
DLI-5	142C7	R2,30-34F
DL6	146F5	R2,40F
DL7	154B7	SA1,44B
DLT	146G5	RA6,10F
(DN)	146B7	RA2,33B
DNC	146B7	R4,42F
		R4,42B
DNK	176B7	SA4,13B
DR	146E7	R6,23F
DRO,1,2,4	154G5	SA1,50-53B
DRO,1,2,4,7	146E7	S8,44,50-53F
		S8,44,50-53B
DR7	170E3	SA1,54B
DR-EMG	147C0	S8,54B
DRAO	161E0	S7,44B
DRAI	164D5	S7,50B
DRA2	158G0	S7,51B
DRA4	158F0	S7,52B
DRA7	165E3	S7,53B
DRA-EMG	154G2	S7,54B
(DRATO)	164B0	S7,42B
(DRATI)	163C0	S7,43B
DRC	147B0	S6,32F

DESIG	LOCATION FS	LOCATION CARD
DRT	147B0	S8,04F
DRTO	147C0, 164B0	S8,54F, S7,42B
DRTI	147D0, 163C0	A88,2F, S7,43B
DRT2	163C0	S7,43B
DS	176F5	SA5,32B
DTO,1,2,4,7	147D0	RA0,00-04F
		RA0,00-04B
DTF	147F0	S6,33F
DTI	147G0	S6,34F
DTK	147B2, 175E0	SA8,51F, SA5,14B
DTN	174C3	SA5,21B
DTW	159F3	R4,04B
DUO,1,2,4,7	147D2	RA0,10-14F
		RA0,10-14B
E	172B0	SA3,50B
EO,1,2,4,7	147D2	S1,40-44F
		S1,40-44B
E'0,1,2,4,7	147F2	S0,40-44F
		S0,40-44B
EAO	149E5	R0,00B
EA1	149F5	R0,01B
EA2	149B7	R0,02B
EBO,1,2,4	150F0	R0,10-13B
EB7	172E3	R0,14B
ECO	139B5	S3,50B
ECO,1,2,4	172E3	R0,20-23B
EC1,2	147G2	S3,51,52B
EC7	172F3	R0,24B
ECN	147B5	S5,53F
ECT	152F5	RA8,33B
ECU0,1	147C5	R1,50,51B
ECU2,4,7	147D5	R1,52-54B
EDO,1,2,4,7	151C2	R0,30-34B
EEO,1,2,4,7	171F5	R0,40-44B
EF	147E5	RA8,30F
EF7	147F5, 147B7	RA1,22B, R0,50-53B, R0,54B

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE IE (SEE NOTE 1302)

DESIG	LOCATION FS	LOCATION CARD
EG	147B7	RA3,32F
EN	147C7	RA2,02F
ENCO	159D3	R4,01B
ENC1	159D3	R4,02B
EOL	174E5	SA5,41B
EOR	16580	RA8,21B
ERTO	142B5	RA7,31B
ESCK	147D7	RA6,30F
ET	163C5	SA3,54B
ETM	149G2	SA0,32B
ETMO	142G2	RA7,30B
EVG	147E7	RA1,40B
EX1	163D5	RA4,34B
EX2	163E5	RA4,40B
EXT	147E7	SA4,52B
F0,1,2,4,.	148B0	S1,50-54F S1,50-54B
F'0,1,2,4,7	148C0	S0,50-54F S0,50-54B
FAA	148D0	R6,10F
FAB	148D0	R6,11F
FABC	175G5	SA4,11B
FAC	148F0	S3,21F
FACK	174F0	SA4,12B
FAK	148G0	SA8,52F
FBK	148B2	SA8,53F
FC	148B2	R4,45F R4,43B
FCG	148C2	S7,12F
FCK	148E2	SA8,21F
FGO	148F2	S5,50F
FG1	148B5	S5,51F
FG2	148C5	S5,52F
(FGA)	148D5	RA1,03B
FK	148E5	SA8,44F
FLG	161E0	S7,44F
FM	148E5	S6,14F
FML	148F5	SA8,30F
FNA	148G5	RA2,04F
FNB	148B7	RA2,10F

DESIG	LOCATION FS	LOCATION CARD
FRO	148B7	R5,00F R5,00B
	148C7	S5,00F S5,00B
FR1,2	148D7	S5,01,02F S5,01,02B
FR1-4	148E7	R5,01-04F R5,01-04B
FR3	148D7	S5,03F
FS/T0	149D2	SA0,21F
FS/T1	149D2	SA0,22F
FS/T2	149E2	SA0,23F
FS/U0	149F2	SA0,24F
FS/U1	149F2	SA0,30F
FS/U2	149G2	SA0,31F
FS/U4	149G2	SA0,32F
FS/U7	149B5	SA0,33F
FT0-3	149B5	R1,00-03F R1,00-03B
FT0-5	149D5	RA1,00-04, 10B
FT'0	149E5	R0,00F
FT'1	149F5	R0,01F
FT'2	149B7	R0,02F
FT'3	149C7	R0,03F
FTCK	149D7	SA8,22F
FTK1	149E7	SA8,42F
FTT0	150B0	AB3,3F
FTT1-3	150B0	SA3,00-02F
FTT4,5	150C0	SA3,03,04F
FU0,1,2,4,7	150D0	R1,04,10-13F R1,04,10-13B
(FU0,1,2,4,7)	150F0	RA1,11-14, 20F
FU'0,1,2,4,7	150F0	RA1,11-14, 20B
FUT0,1,2,4,7	150B2	R0,04,10-13F SA3,10-14F
FVD	150F2	S3,03F S3,03B
(FWR)	140F0	S8,12B
G	144F5	SA2,03B
GO	155F5	RA8,10B
GO,1,2,4,7	150B5	R8,00-04F R8,00-04B
G'0,1,2,4,7	150C5	R7,00-04F
G/T0,1	161G5	RA4,43,44B
G/U0,1,2,4,7	161G5	RA4,50-54B
GA	163F5	RA4,41B
GB	163F5	RA4,42B
GC	175B7	SA4,01B
GLA	150E5	RA3,02F
GLB	150E5	RA3,04F
GLH	150E5	SA7,24F
GPA	140D7	R6,13F
GPB	150F5	R6,14F

DESIG	LOCATION FS	LOCATION CARD
GS1-4	150B7	R6,00-03F
GS5	150C7	R6,04F
GT2	150D7	SA7,31F
GT5	150E7	S7,21F
GTL	150F7	SA8,14F
HO,1,2,4	151B0	R8,10-13F R8,10-13B
H7	151C0	R8,14F R8,14B
H'0,1	172E0	R1,14,20B
H'0,1,2,4,7	151D0	R7,10-14F
H'2	172G0	R1,21B
H'4,7	172B3	R1,22,23B
H'10	172C3	R1,24B
HDA	168E0	SA0,10B
HDB	168F0	SA0,12B
HDK	175E3	SA5,43B
HF	151F0	R4,54F
HG0,1,2,4,7	151B2	R1,30-34F
HG'0,1,2,4,7	151C2	R0,30-34F
HGK	151D2	SA7,00F
HGT0	151G2	SA3,32F
HGT1	151B5	SA3,33F
HGT2	151B5	SA3,34F
HGT4	151C5	SA3,40F
HGT7	151D5	SA3,41F
HMS	151D5	AB5,10F
HMS1	151E5	SA7,13F
HNO,1,2,4,7	152B0	RA5,13,14, 20-22F
	166G0	RA5,23,24, 30-32B
HR	175G3	SA5,51B
HR1	151C5	SA3,40B
HT0,1,2,4,7	152C0	S5,20-24F RA0,20-24F RA0,20-24B
HT'0,1	140G5	S2,30,31F
HT'2,4,7	140H5	S2,32-34F
HTK1	152D0	SA8,41F
HTR	152E0	SA7,12F
HTUK	152F0	RA3,11F
HU0,1,2,4,7	152G0	RA0,30-34F RA0,30-34B

DESIG	LOCATION FS	LOCATION CARD
IC	175D3	SA4,20B
(ID0,1,2,4)	154G5	SA1,50-53B
(ID7)	170E3	SA1,54B
IE	164C3	SA2,23B
IFK	152B2	S6,24F
INC	152C2	S3,22F
(IOD)	149F5	R0,01B
IPA	151B5	SA3,33B
IRT	152E2	S7,11F
IRY	174D7	SA4,31B
ITC0	162C5	R3,00F
ITC1	162C5	R3,01F
ITC2	162D5	R3,02F
ITC4	162D5	R3,03F
ITC7	162E5	R3,04F
ITR	152F2	S7,31F
ITTR	152G2	SA4,44B
J0,1,2,4,7	152B5	R8,20-24F R8,20-24B
J'0,1,2,4,7	152C5	R7,20-24F
JC0	152F5	RA8,32F
JC1	152F5	RA8,33F
JC2	152G5	RA8,34F
JC3	152G5	RA8,40F
JC4	152H5	RA8,41F
JC5	152B7	RA8,42F
JC6	152B7	RA8,43F
JC7	152C7	RA8,44F
JC8	152C7	RA8,50F
JC9	152D7	RA8,51F
JCK	152E7	SA7,03F
JG0	153B0	RA7,44F
JG1	153C0	RA7,50F
JG2	153D0	RA7,51F
JG3	153E0	RA7,52F
JG4	153G0	RA7,53F
JSSF	153D2	SA2,51F
JXPA	153D2	SA7,20F
JXPI	153E2	SA7,22F
JXWI	153F2	SA6,22F
JXWA	153G2	SA6,20F
K0,1,2,4,7	153B5	R8,30-34F R8,30-34B
K'0,1,2,4,7	153C5	R7,30-34F
KM	153E5	RA4,20F

DESIG	LOCATION FS	LOCATION CARD
L0,1,2,4	153E5	R8,40-43F R8,40-43B
L7	153F5	R8,44F R8,44B
L'0,1,2,4,7	153B7	R7,40-44F
L5D	162D0	R4,21F R4,21B
LB	153C7	S6,13F
LC	176F0	SA5,31B
LC0	153D7	RA8,11F
LC1	153D7	RA8,12F
LC2	153E7	RA8,13F
LC4	153F7	RA8,14F
LC7	153F7	RA8,20F
LCD0	154B0	R3,42F R3,42B
LCD1	154C0	R3,43F R3,43B
LCD2	154D0	R3,44F R3,44B
LCH	154E0	RA3,42F
LCK	154E0	SA8,54F
LCP	174C0	SA4,23B
LCPT	152F5	RA8,32B
LDN	154F0	RA4,01F
LDT	154G0	S7,04F
LFK	154B2	SA8,43F
LFK1	154C2	SA8,50F
LH	154D2	R4,20F
LI	154G2	RA3,50F
LIO	154G2	S7,54F
LII	154H2	AB7,2F
LIN	154B5	RA2,11F
LIT	154B5	S8,23F
LK	154C5	SA7,02F
LK1	154D5	SA7,42F
LL0,1	168B3	RA7,14,20F RA7,14,20B
LL2,4	168D3	RA7,21,22F RA7,21,22B
LL7	154F5	RA7,23F RA7,23B
LLC0-3	154G5	SA1,50-53F
LLCK	154B7	SA1,44F
LLP	154E7	RA4,00F
(LNP)	155B0	RA2,41B
(LNPR)	155B0	RA2,40B
LO0	165D3	S6,23B
LO1	161G0	S7,23B
LOLD	155C0	R4,40F
LOLL	155D0	R4,34F
LPI	155F0	AB4,11F
(LPMK)	155F0	RA5,53B

DESIG	LOCATION FS	LOCATION CARD
LR	155G0	S7,13F
LRA	155B2	RA3,23F
LRI	155C2	S7,14F
(LRL)	155C2	RA2,53B
LSK	155E2	SA4,42F
LST	154D2	R4,20F R4,20B
LT	164B7	S3,00F S3,00B
LT1	155F2	S3,40F
LT2	155F2	S3,41F
LT3	155G2	S3,42F
LVO	155B5	AB8,11F
LV1	155B5	RA8,00F
LV2	155C5	RA8,01F
LV4	155C5	RA8,02F
LV7	155D5	RA8,03F
LVF	155D5	S8,13F S8,13B
LVM	155E5	S8,14F S8,14B
LVR	155F5	RA8,04F
LVS	155F5	RA8,10F
LWL	165F3	S6,30F
LXPA	155G5	SA7,14F
LXPI	155B7	SA7,23F
LXWI	155C7	SA6,21F
LXWA	155D7	SA6,14F
M	155E7	S8,11F
M0,1,2,4,7	156B0	R8,50-54F R8,50-54B
M11	156C0	AB7,10F
M'0	156D0	R7,50F
M'1,2,4	156E0	R7,51-53F
M'7	156F0	R7,54F
MAK1	156G0	SA8,31F
MAN	167G0	S4,30F
MB	12B3	
MB0,1,2	156B2	R2,10-12F R2,10-12B
MB4,7	156C2	R2,13,14F R2,13,14B
MBI0,1,2,4,7	170B7	S5,30-34B
MBK	173G3	SA2,53B
MCS	156D2	RA6,31F
ME	171B7	SA3,42B
MET	174G5	SA5,53B
MF	156E2	AB6,2F
MG	162E0	SA6,02B
MIR	156F2	S8,21F

DESIG	LOCATION FS	LOCATION CARD
MKR-CM	156F2	S8,30F
MKR-DTM	156G2	S8,31F
MLF	156H2	S6,53F
MLV	140F0	S8,12F
MMK	170E7	SA6,04F
MO	165B3	SA6,01B
MOR	156D5	S8,20F
MOS	165E5	S8,22F
MPT	156E5	R3,52F
MRI	145F2	RA4,03F
MRL	156E5	SA6,53F
MRRL	175B0	SA4,24B
MRST	174E0	SA4,22B
MTO,1,2,4,7	156G5	RA0,40-44F RA0,40-44B
MTFT	163C5	SA3,54B
MTPT	163F0	S8,02F S8,02B
MTR	140B7	S8,24B
MTRA	160B0	RA7,12B
MTRB	160C0	RA7,13B
MTRS	156F2	S8,30B
MTTR	171C7	SA3,43B
MUO,1,2,4,7	157E0	RA0,50-54F RA0,50-54B
MXT	157E0	AB5,03F
(NO,1,2,4)	150B7	R6,00-03B
(N7)	150C7	R6,04B
N7	157F0	AB0,2F
N'7	157G0	AB8,10F
NAC	162E7	R4,14B
NC	157B2	R4,30F
ND1	157C2	RA6,53F
NDK	157D2	RA6,54F
NE	157E2	SA8,12F

DESIG	LOCATION FS	LOCATION CARD
NGCTO	157D5	AB5,11F
NGCT1	157E5	RA5,00F
NGCT2,3	157F5	RA5,01,02F
NGCU0,1	157G5	RA5,03,04F
NGCU2,4,7	157B7	RA5,10-12F
NGK	157C7	RA3,03F
NGK1	150E5	RA3,04F
NH	140F2	R4,50F
(NID)	149E5	R0,00B
NID	157D7	R4,51F
NL00	152B2	S6,24B
NL01	157E7	S7,24B
NMB0	169E5	S6,31B
NMB1	152F2	S7,31B
NMF	154G0	S7,04B
NMK	144B7	SA2,12B
NMR	157E7	RA6,33F
NN	157F7	R4,53F
NOB	158B0	R6,53F R6,53B
NOB'	158C0	R4,32F
(NPC)	158D0	RA2,44B
(NPM)	158E0	RA2,43B
NR	158E0	RA3,34F
NS	165D7	SA5,54B
NSI	158F0	S7,52F
NSO	158G0	S7,51F
NSP	158H0, 169C3	AB2,10F R6,50B
NT	158B3	R4,52F
NTB	158B3	S2,20B
NTT	158E3	R3,51F
NW	158F3	R6,24F
NWT	158F3	R6,30F

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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3L25

TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TASLE IE (SEE NOTE 1302)

DESIG	LOCATION FS	LOCATION CARD
0A	158G3	S3,11F
		S3,11B
0A0,1,2,4,7	150C5	R7,00-04B
(0A0,1,2,4,7)	170B7	S5,30-34B
0ARO	143C0	R2,42B
0AR1	143E0	R2,43B
0AR2	143F0	R2,44B
0B	158B5	S3,12F
		S3,12B
0B0,1,2,4,7	151D0	R7,10-14B
(0B0,1,2,4,7)	171B5	S5,40-44B
0BS	158C5	R6,52F
		R6,52B
0BS'	158D5	R4,31F
0BS1	169C3	R6,50F
0BS2	169B3	R6,51F
(0C0)	148F2	S5,50B
0C0,1,2,4,7	152C5	R7,20-24B
(0C1)	148B5	S5,51B
(0C2)	148C5	S5,52B
(0C4)	147B5	S5,53B
(0C7)	158E5	S5,54B
0CN	158E5	S5,54F
0D	158G5	R3,20F
		R3,20B
0D'	158B7	R3,22F
0D0,1,2,4,7	153C5	R7,30-34B
0E0,1,2,4,7	153B7	R7,40-44B
0F	158B7,	S4A,50B,
	158C7	RA1,21B
0F0	156D0	R7,50B
0F1,2,4	156E0	R7,51-53B
0F7	156F0	R7,54B
(0FF0,1)	147C5	R1,50,51B
0FF0,1	157G5	RA5,03,04B
(0FF2,4,7)	147D5	R1,52-54B
0FF2,4,7	157B7	RA5,10-12B
0FH	158C7	RA2,24F
0FT0	157E5	RA5,00B
0FT1,2	157F5	RA5,01,02B
0G0,1,2,4	150B7	R6,00-03B
0G7	150C7	R6,04B
(0HS)	158D7	RA2,32B
0IK	144B7	SA2,11B
0IN0,1,2,4,7	144G0	S2,50-54B
0IT0,1,2	141F0	S2,42-44B
0N	168G0	SA0,14B
0OL	174B7	SA5,42B
0P1	175C0	SA5,02B
0PR	158E7	R6,21F

DESTG	LOCATION FS	LOCATION CARD
OR	159B0	S3,20F
ORC0	158B3	R4,52F
		R4,52B
ORC1	157F7	R4,53F
		R4,53B
ORC2	151F0	R4,54F
		R4,54B
ORC'0	162D7	R3,53F
ORC'1	159C0	R3,54F
ORC'2	159C0	AB3,10F
ORK	162C3	SA8,33F
ORT0,1	140G5	S2,30,31B
ORU0,1,2	140H5	S2,32-34B
ORU4,7	141F0	S2,40,41B
OSO-4	159D0	R3,10-14F
OSE	159E0	SA7,50F
OSG/T0	159C3	R4,00F
OSG/T1	159D3	R4,01F
OSG/U0	159D3	R4,02F
OSG/U1	159E3	R4,03F
OSG/U2	159F3	R4,04F
OSG/U4	159G3	R4,10F
OSG/U7	159B5	R4,11F
OSK	159B5	SA7,51F
OST2	159C5	SA7,53F
(OT)	166E5	SA0,01B
OT0	151B5	SA3,34B
OTK	153D2	SA2,51B
OTT	159D5	R46,51F
OV	159E5	RA2,22F
OVG	159E5	RA1,34B
(OFF0,1)	147C5	R1,50,51B
OFF0,1	157G5	RA5,03,04B
(OFF2,4,7)	147D5	R1,52-54B
OFF2,4,7	157B7	RA5,10-12B
OFH	158C7	RA2,24F
OFT0	157E5	RA5,00B
OFT1,2	157F5	RA5,01,02B
P	176B5	SA5,13B
P0	159F5	AB7,11F
P1	174C5	SA5,30B
P1,2	159G5	RA7,00,01F
P2L	16400	SA2,14B
P3,4	159B7	RA7,02,03F
P4L	164F0	SA2,20B
P5	159C7	RA7,04F,
	159E7	SA4,33B
P5L	164G0	SA2,21B
P6,7	159E7	PA7,10,11F
P8	16080	RA7,12F
P9	160C0	RA7,13F
PA	160D0	RA7,40F
PAK	175C3	SA5,23B
PAN	160F0	RA4,04F
PB	160G0	RA7,41E
PBN	160B3	RA2,03F
PBX	160B3	S6,42F
PBX1	160C3	RA3,14F

DESIG	LOCATION FS	LOCATION CARD
PC	160C3	RA7,42F
PCD	160D3	S3,31F
PCD1	160F3	S5,32F
PCK	160G3	S2,10B
PCR	160B5	S3,30F
PD	160C5	S4,14F
PE	160E5	RA7,43F
PERFO-2	160F5	RA1,52-54F
		RA1,52-54B
PHC	160F5	S3,13F
		S3,13B
PK	160G5	S4,20F
PK1	160B7	S3,43F
PKA	168E0	SA0,11B
PKB	168F0	SA0,13B
(PLB)	16087	RA2,34B
(PML)	160C7	RA2,42B
PN	160D7	RA2,00F
PNR	160E7	RA7,34F
POTS	159E3,	R4,03B
	160F7	RA4,02F
PR	16180	RA8,22F
PRCY	163F3	S6,22F
PRE	176C3	SA5,11B
PRL	162C2,	SA2,30B,
	161C0	S2,11B
PRLK	144C7	SA2,13B
PRR	161E0	S7,44F
PRT	156D5	S8,20B
PS	161F0	S4,13F
PSI	161G0	S7,23F
PSR	170D7	RA8,23B
PT	176D5	SA5,22B
PTI	175F0	SA5,20B
PTK	161B3	RA3,13F
PTN	161B3	AB2,11F
PTR	161C3	S2,13B
PTS	176C0	SA5,40B
PUL	161D3	RA2,30F
RA	161E3	S6,21F
RA0-3	163B3	S6,03,04,10, 11F
RA1	145D0	SA1,00B
RA2	145B5	SA1,04B
RA3	145C7	SA1,13B
RA4	144F2,	SA1,22B,
	163B3	S6,12F
RA5	173G0	SA1,31B

DESIG	LOCATION FS	LOCATION CARD
RB	161F3	SA4,53B
RB1	145E0	SA1,01B
RB2	145D5	SA1,10B
RB3	144C2	SA1,14B
RB4	144G2	SA1,23B
RC1	145B2	SA1,02B
RC2	145F5	SA1,11B
RC3	144D2	SA1,20B
RC4	173F0	SA1,24B
RCK2	161B5	RA3,53F
RCK3	161B5	RA3,54F
RCT/T0,1	161G5	RA4,43,44F
RCT/U0,1,2,4,7	161G5	RA4,50-54F
RCY	161B7	S6,20F
RD	175D7	SA5,33B
RD1	145C2	SA1,03B
RD2	145B7	SA1,12B
RD3	144E2	SA1,21B
RD4	173G0	SA1,30B
RDCK	161C7	SA6,43F
RDR	161D7	RA6,34F
RDS	161E7	RA6,40F
REO	165F3	S6,30B
RE1	16280	S7,30B
REC	165E5	S8,22B
RF	16280	RA8,24F
RG0	160B5	S3,30B
RG1	160D3	S3,31B
RG2	160F3	S3,32B
RG4	141F5	S3,33B
RG7	141G5	S3,34B
RGK	144E5	SA2,02B
RH	16200	RA,21F
RI	162E0	RA2,14F
RIK	162E0	SA6,02F
RIP	162F0	RA4,10F
RIW	162G0	RA3,00F
RK	162B3,	SA7,01F,
	162C3,	S2,22B,
	174B5	SA4,14B
RK1	162C3	SA8,33F
RK2	162D3	SA8,34F
RK3	162E3	AB7,3F

DESIG	LOCATION FS	LOCATION CARD
RL	155G0,	S7,13B,
	162G3,	SA7,11F,
	170G3	SA5,44B
RL1	149E2,	SA0,23B,
	155C2,	S7,14B,
	175C5,	SA5,50B
RL2	149F2,	SA0,24B,
	175G3	SA5,57B
RLK	149D2,	SA0,22B,
	162B5	S2,12B
RLR	174B0	SA4,34B
RN	165G0	SA6,00B
RNO	162C5	R3,00F
RNO,1,2	162F5	R2,20-22F
		R2,20-22B
RN1	162C5	R3,01F
RN2	162D5	R3,02F
RN4	162D5	R3,03F
RN4,7	162G5	R2,23,24F
		R2,23,24B
RN7	162E5	R3,04F
RNG	162B7	RA3,33F
RNK	162B7	AB4,3F
RNTO	158G5	R3,20F
		R3,20B
RNT1	140B2	R3,21F
		R3,21B
RNT2	162C7	SA7,54F
		R3,24B
RNT20	162C7	R3,24F
RNT'0	158B7	R3,22F
RNT'1	140C2	R3,23F
RNT'2	162D7	R3,53F
RO	162D7	S3,44F
RO'	162E7	R4,14F
(RO1)	16380	AB1,11F
(RO2)	16380	RA1,00B
(RO3)	16380	RA1,01B
(ROA)	163C0	S7,43F
ROP	14282	SA2,24B
ROP1	173C0	SA2,42B
ROS	12A5	
(ROT)	163E0	RA1,02B
ROTL	163F0	S8,02F
RP	163G0	RA6,03F
RPO-3	16383	S6,03,04,10, 11F
RP4	163B3	S6,12F
RPAB	163C3	S6,01F
RPB	163D3	S6,00F
RPK	163E3	RA6,04F
RPSA	163E3	S6,02F
RPT	172A7	SA3,30B
RR	163F3	S6,22F
RSO	163G3	SA3,52F
RSO-4	163B7	RA4,23,24, 30-32F
RS1	153F7,	RA8,14B,
	163B5	SA3,53F
RS2	153F7,	RA8,20B,
	163C5	SA3,54F

DESIG	LOCATION FS	LOCATION CARD
RS5	163C5	RA4,33F
RS6	163D5	RA4,34F
RS7	163E5	RA4,40F
RS8	163F5	RA4,41F
RS9	163F5	RA4,42F
RSC	163B7	SA7,33F
RSG1	17300	SA2,43B
RSG2	17300	SA2,44B
RSG3	17365	SA2,50B
RSK	163C7	RA3,44F
RSMK	163D7	SA6,31F
RST-EMG	161F0	S4,13B
RST/T0	143D7	S4,00B
RST/T1	143E7	S4,01B
RST/T2	143E7	S4,02B
RST/U0,1,2,4,7	143F7	S4,03,04, 10-12B
RSW	164B0	S7,42F
RT	163G3	SA3,52B
(RT)	164C0	S8,32B
(RT0,1)	157G5	RA5,03,05B
RTO-4	164C0	R6,30,34, 40-42F
RTE0	164D0	SA2,14F
RTE1	164F0	SA2,20F
RTE2	164G0	SA2,21F
RTE4	164B3	SA2,22F
RTE7	164C3	SA2,23F
(RTK)	169B0	RA4,22B
RTOS	1285	
RTRS	172B0	SA3,50B
RTST	163B5	SA3,53B
RUK1	164C3	SA6,32F
RV	164E3	S7,40F
RV1	164E3	S4,33F
RWL	152B2	S6,24F
RYK	164F3	RA6,42F
SO-8	20D1,E1	
(SO,1)	157G5	RA5,03,05B
(S2-4)	157B7	RA5,10-12B
S/T0,1	164G3	R5,14,20F
		R5,14,20B
S/U0,1,2,4,7	164H3	R5,21-24,30F
		R5,21-24,30B
SA	168B3	RA7,14B
SAE	164B5	RA3,31F

DESIG	LOCATION FS	LOCATION CARD
SB	168B3	RA7,20B
SC	164B5	R4,24F
		R4,24B
	168D3	RA7,21B
	175B5	SA5,52B
SCB	164D5	S7,50F
SCM	159B5	R4,11B
SCK	164E5	S4,23F
SCN	164F5	S4,22F
SD	141F7,	S2,04B,
	168D3	RA7,22B
SDG	16487	S3,00F
SDT	164C7	S7,03F
SEF	164E7	RA8,31F
SF	16580	RA8,21F
(SGA)	165C0	RA1,04B
SKO	165D0	R3,41B
SKI	155C0	R4,40B
SKP	170E7	SA6,04B
SL	165E0	SA7,21F
SLCK	165F0	RA3,20F
SLKI	165G0	SA6,00F
SLK2	165B3	SA6,01F
SM	153D7	RA8,11B
SNC	165C5	R4,12B
SNG	150E5	RA3,02F
SNK	165C3	SA8,23F
SNR	165D3	S6,23F
SOG	165E3	S7,32F
SON	165E3	S7,53F
SP	149B5,	SA0,33B,
	172C0,	SA3,51B,
	173F5	SA6,12B
SPA	14200	SA6,03B
SPC	140F5,	R2,54F,
	169B3	R6,51B
SPC0	162C5	R3,00F
SPC1	162C5	R3,01F
SPC2	162D5	R3,02F
SPC4	162D5	R3,03F
SPC7	162E5	R3,04F
SPL	157D7	R4,51F
		R4,51B
SPU0,1,2,4,7	165F3	RA2,40-44B

DESIG	LOCATION FS	LOCATION CARD
SQI	165F3	S6,30F
SQA	165G3	S7,22F
(SR1)	165B5	R5,42B
(SR2)	168F3	R5,43B
(SR3)	168G3	R5,44B
SRK	165B5	RA3,52F
SRT	147B0	S8,04F
SSA	165C5	R4,12F
SSB	165D5	R4,13F
SSTI	165E5	S8,22F
(STLO-4)	165F5	RA1,40-44B
(STLS)	165F5	RA1,50B
(STMM)	165G5	RA5,54B
STP1	165B7	RA8,52F
STP2	165C7	RA8,53F
STR	388	
STRA	3F8	
SW	168G0	SA0,20B
SW0,1,2,4,7	150F0,	R0,04,10-13F
	151B2	R1,30-34B
SWI	149D2	SA0,21B
SWAT	170E3	SA1,54F
SWTO	149E5	R0,00F
SWT1	149F5	R0,01F
SXT	16507	SA5,54F
SY	174G5	SA5,53B

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE IE (SEE NOTE 1302)

DESIG	LOCATION FS	LOCATION CARD
TO,1,2,4,7	166G0	RA5,23,24, 30-32F
	171F0	RA5,33,34, 40-42B
	171B5	S5,40-44B
T'0,1,2,4,7	151B2	R1,30-34B
T4L	144G5	SA2,10B
T5L	144F5	SA2,04B
T7	166B3	SA7,52F
(TA)	166B3	RA2,52B
(TAO)	170B3	SA0,40B
(TA1,2,4,7)	170C3	SA0,41-44B
TAN	166C3	S3,23F
TANO	166C3	S4,34F
TAN1-4	166D3	S4,40-43F
TAN5	166F3	S4,44F
TAR0	143G0	R2,50B
TAR1	143B2	R2,51B
TAR2	143B2	R2,52B
TAR3	143C2	R2,53B
TB0	166B5	AB0,3F
(TB0)	170D3	SA0,50B
TB1	166C5	SA0,00F
(TB1,2,4,7)	170B0	SA0,51-54B
TB2	166E5	SA0,01F
TB4	166E5	SA0,02F
TB7	166B7	SA0,03F
TBH	166C7	RA2,21F
TB1	166C7	RA2,20F
TBK	166D7	SA8,32F
TBL	166E7, 176B0	SA2,52F, SA5,34B
TBSO	167B0	RA5,43F
TBS1-3	167C0	RA5,40,50, 51F
TBY	167E0	SA4,51B
TC	144B2, 167F0, 173B0	R5,54B, AB6,11F, SA2,41B
(TC0,1,2,4)	173E5	SA1,40-43B
TC1	167F0	SA8,11F
(TC7)	154B7	SA1,44B
(TCA)	141C7	S2,01B
TCA	167G0	S4,30F
(TCB)	141D7	S2,02B
TCB	167B3	S4,31F
TCGA	167C3	SA2,32F
TCGB	167D3	SA2,33F
TCH	167E3	RA3,45F
TCHK	167G3	SA7,04F
TCK	167H3	RA6,50F
TCK1	167B5	RA3,51F
TEA	175C7	SA5,00B
TEN	163B5	SA3,53B
TER	167D5	S7,33F
TF0-2	167E5	S4,51-53F
TF4	167G5	S4,54F
TF7	167B6	AB4,2F

DESIG	LOCATION FS	LOCATION CARD
TG/T0	168D0	SA0,04F
TG/T1	168E0	SA0,10F
TG/U0	168E0	SA0,11F
TG/U1	168F0	SA0,12F
TG/U2	168F0	SA0,13F
TG/U4	168G0	SA0,14F
TG/U7	168G0	SA0,20F
(TGA)	168H0	RA1,10B
TGR	174E3	SA5,01B
TGT	152E2	S7,11F
TH0,1	168B3	RA7,14,20F
TH0,1,2,4,7	152B0	RA5,13,14, 20-22B
TH2,3	168D3	RA7,21,22F
TH'0	168E3	R6,43F
TH'0,1,2,4,7 (TH'0,1,2, 4,7)	150D0	R1,04,10-13B
TH'1	150F0	RA1,11-14, 20B
TH'2	168E3	R6,44F
TH'3	168F3	R5,43F
THC	168G3	R5,44F
TIN	168B5	S3,14F
TIR	168G5	S3,14B
TK	168B7	SA7,10F
TKT	168C6	S8,10F
TLH0	143E2	RA6,00B
TLR1	169B5	RA6,01B
TLR2	169B5	RA6,02B
TLR3	163G0	RA6,03B
TLR4	163E3	RA6,04B
TLR5	146G5	RA6,10B
TLR6	142B0	RA6,11B
TLR7	139F2	RA6,12B
TLR8	139E5	RA6,13B
TLR9	139G5	RA6,14B
TLR10	168E7	RA6,20B
TLR11	168E7	RA6,21B
TLR12	168E7	RA6,22B
TLR13	140F2	RA6,23B
TLR14	168E7	RA6,24B
TLR15	147D7	RA6,30B
TLR16	156D2	RA6,31B
TLR17	143D2	RA6,32B
TLR18	157E7	RA6,33B
TLR19	161D7	RA6,34B
TLR20	161E7	RA6,40B
TLR21	145B5	RA6,41B
TLR22	164F3	RA6,42B
TLR23	140B5	RA6,43B
TLR24	168E7	RA6,44B
TLR25	167H3	RA6,50B
TLR26	159D5	RA6,51B
TLR27	171B0	RA6,52B
TLR28	157C2	RA6,53B
TLR29	157D2	RA6,54B
TLR30,31	159G5	RA7,00,01B

DESIG	LOCATION FS	LOCATION CARD
TLT	169B0	RA4,22F
TLV	140F0	S8,12B
TM	169B0, 174E7	SA8,04F, SA4,00B
TM1	173B7	S7,02B
TM2	164C7	S7,03B
TM2T	173B7	S7,02B
TM3T	164C7	S7,03B
TMG	154B5	S8,23B
TN	169E0	RA2,01F
TNK	169F0, 174B7	RA3,12F, SA5,42B
TNR	176B0	SA5,34B
TOB	169B3	R6,51F
TOBS	169C3	R6,50F
TOG	169E3	S7,34F
TOK	160C5, 176E0	S4,14B, SA4,21B
(TOK)	169E3	RA2,51B
TOL	169F3	S3,24F
TP	169B5	RA6,01F
TP'	169B5	RA6,02F
TPO-4	163B7	RA4,23,24, 30-32F
(TPMK)	171G3	RA5,52B
TPT	172F5	SA3,24B
TR	152E2	S7,11B
TRA	166B7	SA0,03B
TRA2	168D0	SA0,04B
TRC	2G1	
TRE	166C5	SA0,00B
TRF	169E5	S6,31F
TRIT	148C2	S7,12B
TRL	169F5, 174E5, 175B5	SA6,50F, SA5,41B, SA5,52B
TRMF	169B7	S2,24B
TRN	169B7	SA8,13F
TRS	169C7	S7,10F S7,10B
TRSA	166E5	SA0,01B
TRSB	166E5	SA0,02B
TRTO,1,2,4	166D3	S4,40-43B
TRT7	166F3	S4,44B
TRU0	139C2	S4,50B
TRU1,2,4	167E5	S4,51-53B
TRU7	167G5	S4,54B
TS	142F0	S6,33B
TSO-3	170B0	SA0,51-54F
TS/T0	170B3	SA0,34F
TS/T1	170B3	SA0,40F
TS/U0,1,2,4	170C3	SA0,41-44F
TS/U7	170D3	SA0,50F
TSA	170E3	SA1,54F
(TSC/T0)	143D7	S4,00B
(TSC/T1)	143E7	S4,01B
(TSC/T2)	143E7	S4,02B
(TSC/U0,1, 2,4,7)	143F7	S4,03,04, 10-12B

DESIG	LOCATION FS	LOCATION CARD
TSE	170G3	SA8,20F
TSK	170C5	SA6,33F
TSQ0	173D5	SA1,34F
TSQ1,2,4,7	173E5	SA1,40-43F
TSR	166B3	SA7,52F
TST	163C5, 170F5, 171E7	RA4,33B, S8,01F, SA3,44B
TSTI	155C5	RA8,02B
TT	170G5	S3,01F S3,01B
TT0,1,2,4,7	170B7	S5,30-34F
TT'0,1	141F0	S2,40,41F
TT'2,4,7	141F0	S2,42-44F
TTF	170D7	RA8,23F
TTG0	170E7	SA6,04F
TTG1	171B0	SA6,10F
TTK	166E7, 171B0	SA2,52B RA6,52F
TTKL	175B3	SA4,30B
TTR	171C0	R6,32F R6,32B
TTT	163E3	S6,02B
TV	151G2, 156F2	SA1,32B, S8,21B
TVT	157B2	R4,30F R4,30B
TWT	146C0	R6,20F
U0	148F2, 167B0	S5,50B, RA5,43B
U0,1,2,4,7	171F0	RA5,33,34, 40-42F
U1	148B5	S5,51B
U1,2,4	167C0	RA5,40,50, 51B
U2	148C5	S5,52B
U4	147B5	S5,53B
U7	158E5, 171G3	S5,54B, RA5,52B
U'0	171C5	R1,40B
U'1,2,4,7	171E5	R1,41-44B
UK	171D3	RA3,10F
UT0,1,2,4,7	171B5	S5,40-44F
UT'0,1,2,4,7	144G0	S2,50-54F

DESIG	LOCATION FS	LOCATION CARD
VF0	171C5	R1,40F R1,40B
VF1-4	171E5	R1,41-44F R1,41-44B
VF'0-4	171F5	R0,40-44F
VFT0	171B7	SA3,42F
VFT1	171C7	SA3,43F
VFT2	171E7	SA3,44F
VFT3	172B0	SA3,50F
VFT4	172C0	SA3,51F
VG0,1	172E0	R1,14,20F R1,14,20B
VG0-5	172D3	RA1,23,24, 30-33B
VG2	172G0	R1,21F R1,21B
VG4,7	172B3	R1,22,23F R1,22,23B
VG10	172C3	R1,24F R1,24B
VG'0,1,2,4,7	172E3	R0,14,20-23F
VG'10	172F3	R0,24F
VGT/T0,1	172E5	SA3,20,21F
VGT/U0,1	172E5	SA3,22,23F
VGT/U2	172F5	SA3,24F
VGT/U4	172A7	SA3,30F
VGT/U7	172C7	SA3,31F
VTC	172C7	R4,41F R4,41B
VTK1	173B0 172D7	SA2,40B SA8,40F
VU0,1,2	162F5	R2,20-22F
VU4,7	162G5	R2,23,24F
W	159G3	R4,10B
WAT	172E7	S6,51F
WB0	172F7	SA2,34F
WB1	173B0	SA2,40F
WB2	173B0	SA2,41F
WBT0	173C0	SA2,42F
WBT1	173D0	SA2,43F
WBT2	173D0	SA2,44F
WC	173E0	R6,54F R6,54B
WCH0	173F0	SA1,24F
WCH1	173G0	SA1,30F
WCH2	173G0	SA1,31F
WCH4	173B3	SA1,32F
WCH7	173B3	SA1,33F
WCK	153E7, 173B3	RA8,13B SA6,23F
WCN	173C3	SA6,24F
WCV	171B0	SA6,10F

DESIG	LOCATION FS	LOCATION CARD
WDC1	173D3	SA6,34F
WDTF	173E3	S6,44F
WDTI	173E3	S6,50F
WFCK	173F3	SA6,11F
WGA	173G3	SA2,53F
WGB	173H3	SA2,54F
WHS1	173B5	SA6,13F
WKC	173C5	R4,44F R4,44B
WL0	173D5	SA1,34F
WL1,2,4,7	173E5	SA1,40-43F
WLFK	173F5	SA6,12F
WMM	173G5	SA2,50F
WMXT	173H5	SA4,54F
(WR)	155E5	S8,14B
WSF	147E5	RA8,30B
WSL	173B7	SA6,42F
WSM	153D7	RA8,12B
WT	173B7	S7,02F
WTFK	173D7	SA6,41F
WTK	173E7	SA6,40F
WTL	170B3	SA0,34B
X	173B5	SA6,13B
X2P	141D2	SA6,51B
XT1	173B0	S3,04F S3,04B
XAB	174B0	SA4,34F
XAN	175G5	SA4,11F
XBRL	174C0	SA4,23F
XBT	174D0	SA5,10F
XCE	174E0	SA4,22F
XCH	174F0	SA4,12F
XCK	168G5	SA6,44B
XCKR	174B3	SA4,04F
XCL	175C7	SA5,00F
XCLC	174C3	SA5,21F
XCP	174E3	SA5,04F
XCR	174E3	SA5,01F
XCS	174G3	SA5,44F
XCW	174B5	SA4,14F
XDL	175C0	SA5,02F
XDS	145E7	SA6,30B
XET	156E5	SA6,53B
XF	174C5	SA5,30F
XFT	174E5	SA5,41F
XFUT	174G5	SA5,53F

DESIG	LOCATION FS	LOCATION CARD
XHG	174B7	SA5,42F
XHG1	174D7	SA4,31F
XHGA	174E7	SA4,32F
XHM	174E7	SA4,00F
XI	175B0	SA4,24F
XIC	153F2	SA6,22B
XICK	173B3	SA6,23B
XIN1	146G2	SA7,40B
XIN2	146B5	SA7,41B
XIN3	154D5	SA7,42B
XJC	175C0	SA5,02F
XJG	175E0	SA5,14F
XJS	175F0	SA5,20F
XL	175B3	SA4,30F
XLC	175C3	SA5,23F
XLF	175D3	SA4,20F
XLG	175E3	SA5,43F
XLH	175G3	SA5,51F
XLO	175B5	SA5,52F
XLR	174C3	SA5,21F
XLS	175C5	SA5,50F
XLV	175E5	SA5,24F
XMB	175F5	SA5,03F
XMRL	175G5	SA4,11F
XN	175B7	SA4,01F
XNL	173C3	SA6,24B
XOF	169F5	SA6,50B
XOST	146E2	SA7,32B
XP	145E7	SA6,30B
XPI	173D7	SA6,41B
XPG	175C7	SA5,00F
XPL	155D7	SA6,14B
XPT	175D7	SA5,33F
XRA	146B5	SA7,43B
XRB	163D7	SA6,31B
XRD	141D2	SA6,51B
XRE	159B5	SA7,51B
XRL	155C7, 175D7	SA6,21B, SA5,33F
XRLI	150D7	SA7,31B
XRN	159E0	SA7,50B
XRS	176B0	SA5,34F
XRS1	176C0	SA5,40F
XRST	153G2	SA6,20B
XRTL	140E7	SA7,34B

DESIG	LOCATION FS	LOCATION CARD
XS	146D5, 176D0	SA7,44B, AB4,3F
XSA	174E7	SA4,00F
XSC	176E0	SA4,21F
XSL	176F0	SA5,31F
XSS	165D7	SA5,54F
XST (XST)	155D7 159E7	SA6,14B SA4,33B
XT	176B3	SA4,10F
XTI	173B7	SA6,42B
XT5	176C3	SA5,11F
XTB1	176D3	SA5,12F
XTC	170C5, 176E3	SA6,33B, SA4,02F
XTC1	176G3	SA4,03F
XTG1	176B5	SA5,13F
XTKK	173E7	SA6,40B
XTL	164C3	SA6,32B
XTOK	163B7	SA7,33B
XTP	173D7	SA6,41B
XTRK	174B3	SA4,04F
XTRL	176B3	SA4,10F
XTS	153F2, 176D5	SA6,22B, SA5,22F
XTSI	176F5	SA5,32F
XTV	174D0	SA5,10F
XU	173D3	SA6,34B
XUI	161C7	SA6,43B
XVF	141B2	SA6,52B
XVG	142F2	SA6,54B
XVGA	176B7	SA4,13F
XVGB	174B5	SA4,14F
XWB	176C7	SA4 40F
XX	176C7	S2,14B

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35	STD 5D	102 (63), 146(21, 67)	APP FIG 35
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59	STD 96B	102 (90), 146 (86)	APP FIG 59
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161	STD 25D	102 (88), 146 (83)	APP FIG 161
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169	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 169
170	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 170
171	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 171
172	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 172
173	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 173
174	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 174
175	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 175
176	A&M 48D	102 (44)	APP FIG 176
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178	STD 52D	146 (50), 1108	APP FIG 178
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183	STD 62D	102 (52), 146 (54)	APP FIG 183
184	STD 62D	102 (52), 146 (54)	APP FIG 184
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198	STD 70D	1155	APP FIG 198
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Z	STD 10D A&M 20D	113, 302, 1183	1D/H0
Y	STD 5D A&M 20D	102 (36), 113, 1146	APP FIG 1,12F5,F8, 13C0,C1,C8
X	STD 5D A&M 20L	102 (37), 113	12B1
W	MD 5D	113	SEE NOTE 104
V	STD 5D A&M 20D	107, 113	SEE NOTE 104
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R	MD 8D	113, 1148	55E8
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J	MD 10D	113	3B4
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F	STD 10D A&M 20D	102 (30), 302	3B5,E5
E	A&M 9D	113	2E7,46D0,49C8, 116B5
B	STD 9D	102 (12), 113, 1144	49C8
A	MD 10D	111, 113	37E1,F1

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
ZA	STD 10D A&M 20D MD 64D	111, 115	37E1,F1
ZB	MD 10D	112	24D8,E8,33A8, C8,D8
ZC	STD 10D A&M 20D	112	33B8,C8,D8
ZF	STD 12D A&M 20D MD 22D	130, 302	APP FIG 43
ZG	STD 12D A&M 20D	102 (27)	2A8,E8,4B0,B1,5C2 7C6,C7,C8
ZH	STD 12D A&M 20D	102 (27)	1F/B6,C5,C6,E8, 2B8,5C1,6A8,7B8, C8,G0,H0,8C6,49B6, 54G3
ZI	STD 12D A&M 20D	102 (27)	5D7,F7,6E1,F1,H1, 7E6,F9,10C1,C7,D7, G6,43E6,49A8, 51B8,52D0,54A3, F3,G3
ZJ	STD 10D A&M 20D	102 (13)	50G5,12286
ZK	MD 10D	113, 125, 1149	32D8,56A3,88
ZL	STD 10D A&M 20D	102 (13)	50A8,88,12288, D6,F6,G6
ZM	MD 10D	114	48A6,C5,119C4,D4
ZN	STD 10D A&M 20D	114	48A6,C5,119D4,E4
ZO	STD 10D A&M 20D	113, 116	48D6
ZP	STD 10D A&M 20D	105, 115	48B5,C5,119C6,G4
ZQ	A&M 10D	115	48D6,119C6
ZR	STD 10D A&M 20D	115	48D6
ZS	MD 10D	112, 113, 1149	39G5
ZT	STD 10D A&M 20D	112, 113	39C6,H5,H6
ZU	MD 12D	113, 119	32E3
ZV	STD 12D A&M 20D	113, 119	31F8,32E3
ZW	STD 97A (AC)	1124	43B0,99G0,14086
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ZY	STD 12D A&M 20D	113, 129	41A1,49D6,55A8

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
ZZ	STD 97A (AC)	1124	APP FIG 1,43B0, 14085
YA	STD 12D A&M 20D	113	36F6,G6,51A6
YC	STD 11D A&M 20D	118, 128	34A3,E1,101D8,F8
YD	STD 12D A&M 20D	102 (30), 302	5E2
YE	STD 12D A&M 20D	102 (30), 302	5D2,54D1
YF	STD 12D A&M 20D	102 (30), 302	
YG	STD 10D A&M 20D	102 (2)	APP FIG 2,3B8, C8,E8
YH	STD 10D MD 20D	303	1F/D7,3B8
YJ	STD 12D A&M 20D	113	36H6
YK	STD 12D A&M 20D		41E8,50A3
YL	STD 12D A&M 20D	113	31F8,55D8
YM	MD 12D	113	19D6,H6,32B1
YN	STD 12D A&M 20D		19D6,H6
YO	STD 12D A&M 20D		46C6
YQ	STD 12D A&M 20D	213	40D6,E3,41G8
YR	STD 13D A&M 20D	113, 121	37E3,45G6
YS	A&M 13D		30B7,B9,C5,C6, G7,G9,31B0-G4, 118A7,A9,B5-G7, G2,G4
YT	STD 13D A&M 20D	122	30B7-G9,3182-G1, 36C3,118A9,B5-H7, G2,G4
YU	MD 16D	126, 162	30D5,E5,E8
YV	STD 16D A&M 20D	126, 162	30E5,E8
YW	MD 15D		APP FIG 8,9,10,26, 27

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
YX	STD 15D A&M 20D		APP FIG 8,9,10,26, 27
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YZ	STD 15D A&M 20D	113, 124	32C8
XA	MD 15D	113, 124, 125	32D8
XB	STD 16D A&M 20C	127	31G3,32E1,35B1, 36C1
XC	A&M 16D	127	44D6,G6,115C1, E1
XD	STD 17A A&M 20D	128	34C3,102C1
XE	STD 20D	102 (79), 146 (79)	6D8,31B5,C0,E3, G1,32B5,F0,F5, G3,35C0,D3, 36B5,C8,F8,G3, 39D8,H5,40F8, 41D0,42C8, 43C0,44C5,E5, 47C3,D3,E0,F3, 48B8,51B5,52A0, F5,54F3
XF	A&M 20D MD 22D	132, 202	1E/A7,4F2
XG	STD 20D	102 (27), 134, 146 (23)	1F/A8,B8,4E7, G7
XH	STD 96B	102(17) 1192	
XI	STD 20D	102 (79), 146 (22)	1C/A8
XJ	A&M 20D	102 (63)	9B6,D8
XK	A&M 20D	102 (14)	8A8,B8,C8,F1, H1
XL	STD 20D	102 (79), 149	9C5,46F9
XM	A&M 22D	102 (79), 113	46B8
XN	STD 100B	102 (89)	39B5,E3,G3,41F8,42A0, 55B0
XO	STD 100B	102 (89)	39B5,E3,G3,41F8,42A0, 55B0
XP	A&M 100B	1193	
XQ	STD 22D	102, 113, 1140	46B8
XR	STD 20D	102, (27), 134, 146 (23)	1F/A8,B8,4D7 G7
XS	A&M 20D	135	APP FIG 41, 1D/B1,17F2

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
XT	STD 20D	102 (35), 135	APP FIG 8,9,41, 1D/B1,16A/D4, D5,17F2
XV	STD 20D	102 (79)	30D5,33F3,37B8, 38D0,F0,39B5, E0,E3,G3,42C3, G8,43E7,F7,H7, 44B0,B3,45B3, D0,F0,48E0,F5, 50F5,51D8,52A8, C1,D8,G5,54C8, F0,H5,55B0,B5, D3,E0,F3
XW	STD 20D	102 (79), 132	
XX	A&M 20D	102 (63), 149	9B4,46F9
XY	STD 18D	139	36G1,46C3,G1, H1
XZ	STD 18D A&M 20D	140	13B6,C6,54D8
WA	A&M 20D		SEE NOTE 104
WB	STD 20D	110, 141, 1146	APP FIG 2,35, 2A8,E8,G5,3B8, C8,E8,4B0,B1, 5C5,D7,F7,6C2, E1,F1,H1,7C6,C7, C8,E6,E9,10C1, C7,D7,G6,12B1, F5,F8,13B6,C0, C1,D1, TABLE 1A
WC	STD 20D	102 (20)	APP FIG 22,12C3, H3,13E6,G6
WD	STD 20D	102 (20), 1154, 1164	APP FIG 22,29, 12D3,2666, 101E8,102B1
WE	A&M 21A	102 (13)	52B5,126B0
WF	A&M 21A	102 (13)	52B5,126B1
WG	A&M 21A	113	51B3,G1
WH	STD 20D	102 (27, 79), 130	2B8
WI	STD 20D	102 (76), 1194	1A/B8,C7
WJ	A&M 21A	144	52G2,G3,G4, 125A9
WK	MD 21A	142	52G2,G3,G4, 125A9,B9
WL	A&M 21A	144	44D9,E9,127C9,F7
WM	A&M 21A		33A1,41G6,47C7, 101A2,C2,112D7, 118G2
WN	A&M 21A		33A1,40D3,41H6, 47C9,101A2,C2 118G2

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
WP	A&M 20D MD 23D	303	22D2
WQ	STD 20D	102 (20), 131	22D2
WR	MD 21A		6F2,46F6,117F1
WS	STD 21A		6F2
WT	A&M 21A	147	37D3
WV	STD 20D	146 (31)	3B5
WW	STD 20D	102 (79)	1C/C8,D8,E8
WX	STD 20D	146 (31, 32)	3B5
WY	STD 20D	146 (31)	
WZ	MD 21A		44D9,E9,125C9, F7
VA	STD 20D	102 (8), 146 (30)	24C1,87E6, 123H4,167H1
VB	STD 20D	102 (8), 146 (30)	87E6,123H3, 167H1
VC	STD 20D		5D2
VD	A&M 23D	102 (20), 187, 1154	5E2,18A1
VE	STD 20D	146 (32)	
VF	A&M 20D	102 (7)	
VG	A&M 22D	156	49B3,F1,121E5, 165B5
VH	A&M 22D	136	29G/C3,D3
VI	A&M 22D	102 (27), 113, 154	40B0,D3,E5,F3
VL	A&M 23D	102 (20), 172, 181, 183, 188, 191	APP FIG 8,16A/D4, D5
VM	MD 25D		33G5,44D3, 63F3,78F8,101D6, 114B8
VN	A&M 23D		
VO	A&M 23D	146 (31)	

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
VP	MD 25D	153	4C7
VQ	STD 25D	153	APP FIG 44,31B8, 36B5,G0,37E7, 39C8,D5,46C3, 50C3,D5,51A3, 54G8,67E3,E5, 69G3,72B8,F3, 81B0,86F0,87G5, 91E3,92D0,104B5, G5,106G3,109C5, D3,116G5,123C5, 127B5,128E3
VR	STD 25D	159	31C8,60C3,99C3
VS	STD 25D	218	SEE NOTE 218
VU	MD 29D		5C3,7F4
VV	STD 29D	1146	APP FIG 1,7E4,G4
UB	STD 29D	161	65F6,77F1
UC	STD 29D	162	30E8,76F3, 112G3
UF	STD 25D	102 (19, 88), 146 (14)	33C3,45E0, 63H1,68D0, 101G3,105F0, 143E0,148E3
UG	STD 31D	163	60E3,64B8, G6,65C3,G1
UH	STD 32D	162	30E7,76F3, 112G3
UI	STD 32D	164, 167, 188, 1117, 1118, 1119, 1150, 1176	APP FIG 41, 59B6,D4,F8,61C1, D6,62B1,65C1, D1,F1,84F1,G1, 98A6,B6,D4,E3, 99A8,D8,100C4, D6,102C8,119E4, F4,G4,124B3, C3
UJ	STD 33D	165	60E3,64B2,G5, 99D3,102D6,E6

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
UK	STD 32D	164, 166, 1104	12F5,48D8,E8, 51E5,56B0, 77C3,84F5,G5, 88C3,D3,94G3, 113G0,120D0, E0,F0,130D8
UL	MD 33D	167	134E1,F6,G1
UM	MD 36D	168, 181	101B3,102B6, 115A1,127C8, D8,E8
UN	STD 36D	168	61D8,65C5,F3, 66D8,80G3, 82G3,86C0, 100H3,102E8, F8,103C0, 104G1,116H0, 117F9,121B6
UO	STD 36D MD 38AR	304	61D6,62B1, 65C1,D1,F1, 69B4,D4,E4, 76H4,100C4, D6,102C8,106B3, D3,E3,112A6
UP	STD 36D	102 (31), 146 (38)	33F5,41G6, 63D3,E3,76H4, 101B5,C5,112A6
UQ	STD 36D	169	53G8,90G6, 126E8
UR	STD 36D	169	45D3,90C8, D8,E8,127C1, D1,E1
US	STD 36D	162	30F7,76F3, 112H3
UT	STD 36D	104	76F6,112G6
UU	STD 36D	170, 1138, 1139	41D3,88C8,G6, 124C6,G3
UV	MD 39D	168	61D8,100H3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 101A

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APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
UW	STD 39D	168	61E8,63A6,77D1, 78A9,100B5,101E6, 114E6
UX	MD 39D		3F1
UZ	STD 39D	171, 1193	APP FIG 6,72D8, 82G6,109F5,118D1
TA	STD 39D	102 (33), 146 (39)	APP FIG 164,10B2-B6,63D1,E1,64G8, 72B4,E4,G6,75B6, 76F1,80B3,C0,C3, E0,F0,G0,86B6,E6, 91B1,95D4,102B8, 109B4,E1,111D9, 112C4,115C8,D8, E8,G8,11680,C0, 117A1,122D4,132F1, 142F9,151C9,F6, 154C4,E9,155A3, F1,159B3,F0,G0, 166B1,E1
TB	STD 39D	172	64F9,102A9
TC	STD 39D	174	96B1,133E3
TD	STD 39D	175	56F8,G8,96F1,G1, 133B6,C6
TE	STD 39D	173	76B6
TF	STD 39D	102 (40), 146 (41),	50B8,51F0,52B3,B5, C3,54B3,86D8,E8, G8,87B1,E5,89B5,C5, F8,91C3,122B8,D6, F6,G6,123H3,125B5, C5,126C0,127G3, 166E3,167G0,169C0, D0,F3,170G5
TG	MD 39D		12D2,E2
TH	STD 39D	176	12D2,E2,F2
TJ	MD 40AC		62A8,B3,B5,B6,C3, C6,D3,D5,E3,E5, E6,F0,F1,G0,G1, G3,G5,G6,85C5, C6
TK	STD 40AC		25H5,62B3,B6,C6, D3,E3,E6,F1,G1, G6,85C5,C6
TL	STD 42D	177	1E/E5,F5
TM	STD 39D	102 (41), 146 (40), 1164	48E6,84B3,11986, 163F3
TN	STD 39D	178, 1164	50F1,86B1,121G3

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
TO	A&M 39D	179	72D8,82H6,109F5, 118E1
TP	STD 39D	146 (33), 180	APP FIG 163, 85F0
TQ	STD 42D	181	59F1,98H1,G1
TR	STD 43D	182	59C6,G3,98D6, G3
TS	STD 41A	183	68C4,105E4
TT	STD 41A A&M 43D	184	81D1,116H5
TU	STD 43D	102 (39), 146 (43)	3B4
TV	STD 43D	102 (39), 146 (43)	3B5,14A7,A8
TW	MD 43D		1E/F4,H4
TX	STD 43D	185	APP FIG 167,1E/F4, H4
TY	STD 43D	186, 1164	52E3,53E3, 96B3,B8,133D5, 135D6,174E6
TZ	STD 43D A&M 91A	102 (21), 146 (11), 1183	1A/F2
SA	STD 43D	187	42D1,89A8,G6, 125G6
SB	STD 43D	188, 191	87C9,C9,123D6,E6
SC	STD 45D	189, 190	59D6,F3,62C1, 64E8,F8,66A6, 86,C1,67C1,76C3, 78E1,81F6,85C8, 86G3,89G1,91G1, 101E3,F8,139E6, F3,144D8,E8, 166A1
SD	STD 45D		60A8,B8

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
SG	STD 45D	102 (43), 146 (46)	72B3,E3,74C6, 78G5,81A8,84C3, D5,E3,F8,86B5, E5,87B5,90C0, 91G3,109B3,F0, 110D9,114D5, 117D3,119E5,F5, 120B0,122D3,G1, 123D3,E3, 126E0
SK	STD 43D	192	74E4,91B3,110F6, 127F3
SL	STD 45D	146 (39), 1101	APP FIG 151,164, 59D6,F3,60E3, 66B1,C1,67D1, 75A8,F6,76C3, 81F6,82F3,G6, 84C8,86G3,88B8, D8,E8,F5,F8, 89F1,95F1,139E6, F3,140F6,G6, 146D3,147G1, 154F5,155C3, 161D8,E8,166A1, 168B3,D3
SM	STD 45D MD 49AR	1100, 1101	60D3,75B8, 82G6,95G1
SN	MD 45D	193	APP FIG 2
SO	STD 45D	146 (48), 193	APP FIG 2,1D/D7, E7,11B6,B7,16A/B6, D6,65B3,C3,C5, D3,E8,66D8
SP	STD 52D	146 (49), 1107, 1108, 1153	2G8,21F2,29F/D5, E2,TABLE 1E
SQ	STD 52D	102 (23), 1107, 1108, 1161	APP FIG 174
SR	STD 52D	102 (26), 146 (47), 1107, 1161	APP FIG 174
SV	STD 45D	196	31G6,60B1,99D1

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
SX	STD 45D	194	94B0,130B5
SY	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	TABLES 4H,I,J, K,L
RA	MD 45D		65E4
RB	STD 45D	195	64G8,65D4,102B8
RC	STD 45D	197	59E0,E5,63E0, F0,67B3,F5, 70B3,E3,76E3, 86B8,D8,E8,G8, 87C1,G5,89F8, 91C3,98D5,F0, 101D3,E3,104B8, F3,107E3,G3, 120E5,122E5,C8, E6,F6,H6,123C5, 126B0,127G3
RD	MD 48D	1100, 1101	77E8,113C8
RE	STD 48D	1100, 1101	77E8,91E0, 113C8
RG	STD 48D	198	42F8,46H3,77F3, 81A3,113C3,116F8
RH	STD 48D	1102	70B3,107E3
RI	STD 48D MD 84A	1103	47G3,82D3,D4, 117E8,E9
RJ	STD 48D	199	60B8,C8,65E8, 74E3
RL	A&M 48D	102	16B/G1,125E3
RM	STD 52D	146 (50), 1108	APP FIG 178,10B2-B6,16B/E1,140B6, E3,141A3,142F1, 146A8,148D6, 151D6,155C3, 159D8,160G3, 161C1,162B3,163A1, B1,E1,165C1, 168H1,169E3,175D5

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
RN	A&M 50AC	1104, 1134, 1183	1D/A9,B9,3F2, 16A/B1,C5,D5, E1,17A2,B2,D1, E1,26H3,28B0
RO	STD 50AC	1104, 1107, 1119, 1124, 1125, 1134, 1140, 1144, 1145, 1146, 1148, 1150, 1151, 1161, 1174, 1179	1D/B9,3F2,16A/B1, C5,D5,E1,17A2, A3,D2,D3,E2,E3, 26G3
RP	STD 52D	1106	86C8
RQ	STD 51B	1105	48G5,H5,84C5, D3,E3,119E5,E8, F5
RR	STD 50AC	1110	30H5,59E0,98E0
RS	STD 52D	1109, 1164	34E8,65E3, 102D8
RT	STD 55D	102 (45), 146 (51)	33C3,65D8, 89F3,103E3, 169A1
RU	STD 55D	102 (34), 146 (39)	76D4,112F4,G4, 115D4
RV	STD 56D	1114	64E3,102B3, 144C1
RW	STD 56D	1115	60F1,77C8,99G1, 113F5,140F3, 157D1
RX	STD 56D	1116	30F5,34G8, 42C3,45B5,59G3, 64C6,65F5,67D8, 75D6,77F1, 79E5,98H3,102G3, 103F0,105B0,111F8, 112D0,115G3, 139G3,144F1, 146D0,148F8, 154E3,156E3, 159C
RY	SPL 55D	1111	75F5
RZ	STD 56D	1121	87H5,123D5, 167C3

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
QA	STD 56D	102 (46), 146 (52), 1119, 1138	APP FIG 8,16A/D4, D5,76F1,G1,H1, 80B8,88B8,D8, E8,F5,F8,112D3, E3,116H3,124B5, DE,F3,F5,G5, 154F5,155C1,E1, 160B3,168B3,D3
QB	A&M 54AC	1112	66C5,C6
QC	STD 55D	1113	63D0,F0,101D3, E3,142G8,143B0
QD	STD 55D	146 (67, 83)	135D8,136F8
QE	STD 56D	164, 188, 1117, 1118, 1193	16B/A1
QF	STD 59D	1124	60G1,99H1
QG	STD 56D	1120	70A6,H4,91C0, 107C6,D6,133H3, 150E6
QH	STD 56D	102 (47), 146 (33)	59B5,E3,61B8,C5, C8,D5,E5,F5,G5, 98B5,E3,100B3, C3,D3,E3,F3,G3, 139C5,D3
QJ	MD 56D		35F5,66C8,104E0
QK	STD 56D		35F5,66C8,104E0
QN	STD 56D		
QO	STD 56D	1122	122B5,166D3
QQ	STD 59D	1125	76E6,112F6,155E6
QR	SPL 58A	1123	68B3,G0,148C5,D5
QT	STD 59D	1126	67B6,104E5,147D8
QU	STD 60D	1131	91G3,H3,170C8,D8
QV	STD 59D	146 (69), 1127	88G3,124A8,B8, 168E3,F3
QW	STD 59D	1128	67D8,76B5,79B3, G0,80E8,G8, 81G0,88D5,10580, 112C5,115C0,E0, 116D5,D8,E5,148F0, 155H3,158A5,G3, 160E3,F5,G3, 168B5,176E3,G3

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
QX	STD 59D	1129	59B5,98B5,139B5
QY	STD 59D	1130	52D3,89E5,125E5 169F0
QZ	STD 60D	1132	80F8,G8,81C0, 116D5,F5,G5, 160B5,E3,G3
PA	STD 62D	1166	3B6
PB	STD 62D MD 79D	1166	3B6
PC	STD 59D	1133	86B8,C8,E8,F8, 87B1,D1,E6,F6, 122B8,C6,C8,D6, F6,G6,123G3, 166C3,E3,F3, 167B3,G1
PD	STD 62D	1137	77E6,113B5, 156E8
PE	STD 62D	1135	54D0,127D3, 170C5
PF	STD 62D	102 (52), 146 (54), 1146	3B7,15E2,F7
PG	STD 62D	102 (52), 146 (54)	3B7,15F1,F3, 68E3,105G3, 148F5
PH	STD 39D	102 (33), 146 (39), 1124, 1145	63C0,101C3, 142F8
PI	STD 64D	102 (51), 111	33H0,36G5,H5, 37C1,F1,52A3, B8,H0
PK	MD 62D	1138, 1139	41D3,E3,88C8, G5,124C5,C6, G3,168B3,C3
PL	STD 62D		41E3,88C8,G5, 124C5,G3,168C3

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
PM	A&M 56D	1144	25H5,49C8
PN	STD 56D	102 (46), 1119, 1138	33D3,35B6, 41E3,F3,46D1, 49B1
PQ	STD 62D	102 (53), 146 (55), 1140	49B1,B488, 120B3,164E3
PR	MD 64D	1141	30C9,42D1, 123B6,G3
PS	STD 64D	102 (54), 146 (56), 1141	30C9,42D1, 79C1,85E8, 114D8,121E3, 140F6,158G1
PT	STD 66D MD 92B	1185	APP FIG 179,142B8, 147C8,155H5,163B6, C6,G3,173D6,E6
PU	STD 66D MD 92B	1185	1E/C9,D9
PV	STD 66D	1142	81E8,F8,11786, G3,142E3,167D3
PW	STD 68D	146 (59)	67B1,91G1, 139G6,147E0
PX	STD 39D	102 (33), 146 (39), 1124, 1145	63C1,101C3,C4
PY	A&M 68D	1124, 1149	39G6,H6,43A1, F5,F6,44D0, 45C5,49H5, 60G1,79B8,C8, D8,83G5,85A5, 140B5,B6,159D0, 162E8,165B1
PZ	A&M 68D	1124	APP FIG 8,16A/D4, D5,99H0,H1,115D5, E5,119D0,121A0
OA	A&M 100B	1191	45E6,79E8,115F5,159D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	100B

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APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
OB	STD 68D	102 (55), 146 (85)	APP FIG 186,2E1, 3E1,14C7,37C7 D7,38A3,E0,G0, 40F8,42F8,45D5-H5, 46G8,50D3,55E3,G3, 69B3,B8,C3,E8,F0, 75D5,76F0,79B8,C8, D8,E8,G8,80B3,C0, C3,E0,F0,H0,82D5, 83F3,H3,86B3,G0, H6,106C3,C8,D3, E8,F8,G0,107B0, 111E8,112C3,115C5, C8,D5,E5,E8,F5,G5, 116B0,C0,118C0,C8, D8,121B8,E5,G5, 149C5,E5,G5,150E0, H0,154E3,E8,159B3, D0,F0,G0,162D0, F5,G5,165C5,D5
OC	STD 69A	102 (56), 146 (61), 1148	43H1,E6,77C6, 113G3,156C8
OD	STD 70D	102 (61), 146 (66)	*3G0,77C5, 113F3,156C8
OE	STD 70D	102 (57), 146 (62), 1146, 1186	APP FIG 1,13E0, F0
OF	STD 69A	1147	48C3,83B8, 119F1,163C1
OG	STD 70D	102 (58), 146 (63), 1150, 1152, 1155	27G7,35G1,44C5, H3,51E3,E6, 53G1,54E8,56E8, F8,64E6,65D6, E6,72D1,79D1, F1,86F3,94D8, 96E1,102D6, 103C1,E0,109B1, 114E8,F8,121F8, 144B3,146B1,C1, 151D6,158B3,E3, 165E8,170H3, 176D1
OH	STD 71D MD 92B	1185	152B1,166H1,170F3, 171F1,172E8,173D3, E3,E8,G3,H3,174B1, 176C8
OJ	STD 70D	102 (61), 146 (66)	43G1,77C6, 113G3,156C8
OK	MD 72A		16A/A5,B5,C5
OL	STD 72A	1151	16A/A5,B5,C5
OM	STD 72A		3F3,16A/A0,A1
ON	STD 72A	1151	14F0,24F5
OP	STD 71D	102 (63), 146 (67)	APP FIG 189,190, 14F0,24F5,66B8, 89D8,160C6
OQ	STD 71D	102 (63), 146 (67)	1C/F3,F4,H3,H4
OR	STD 71D	102 (50), 146 (36)	61B8,C8,F6,G6, 78B1,D1,100D3, E3,F3,G3,113F8, G8,156B1,D1,E1, 157F1,G1
OS	MD 71D		78B1,D1,113E8,F8
OT	STD 73D	102 (63), 146 (67)	APP FIG 191,192, 72D8,89D8, 109E5,152D3, 160C6
OU	STD 73D	102 (63), 146 (67)	1C/F0,F2,H0,H2
OV	STD 62D	102 (64), 146 (69)	APP FIG 195, 1E/D9,10D3,D5
OW	STD 70D	102 (70), 1152, 1155, 1159	16B/G1,G2,124E8
OX	STD 73D	1138, 1152, 1176	51B8,8886,C6, 89E1,124C8,D8, 125C1,168C5,G3
OY	STD 73D	102 (70), 146 (68), 1152	48G8,84H5, 120F0,164D1
OZ	STD 73D	102 (70)	APP FIG 8
NA	STD 75D	102 (25), 1153, 1161	APP FIG 179,2G8, 21F2,29F/D4,D5, E2,TABLE IF
NC	MD 68D	1149	43F5,F6
ND	A&M 73D	137, 1154	34C3,F3,48A5
NE	STD 73D	102 (71), 146 (70)	43H3,77C8,113F5, 157D1
NF	MD 73D		64D9,139E6,F4, G6,140B6,F4, 142B1,143D4,E4, 145B6,146G6, 147D9,156D4, 157C4,D4,E9, 159G6,161D9,E9, 163E4,G1,164F4, 167H4,168E9,F9, 169B6,C6,171C1
NG	STD 73D	102 (72), 146 (71)	87F1,G1,122F8, 123B1,154F1,F9, 160F8
NH	STD 75D MD 92B	1185	141A8,C1,H5, 146C5,154B8, G6,155E3,173F3
NI	STD 77D MD 92B	1185	16A/C2,D4,E5, F6,G5,55G1
NJ	STD 77D	102 (73), 146 (74) 1156	APP FIG 22,23, 173,59E1,E6, 70C3,79B3,G1, 81B6,G1,83E6, 91C3,94B1,98E1, E6,107E3,109B8, 115C1,E1,116D8, 117E1,119B1, 120F6,124E8, 127G3,130B6
NK	STD 76A (AC)	1157	61E8,63F8, 100B5,101H5, 143E3
NL	STD 77D	102 (74), 146 (73)	1F/A4,D5,F5, 6A7
NM	MD 76A		85G3,91B6,120D8, 127E6,164F8, 170E8
NN	STD 76A		85G3,91B5,164F8, 170E8
NO	STD 77D	102 (74), 146 (73)	94B6,C8,D3,E1,E8, G1,H6,SH B95,SH B96 98C3,C8,D1,99B3,C8, E1,E3,G3,100B3,F6, SH B101,102C5,C8, F1,F6,G8,103B1,B6, E8,F3,G6,104P3,E1,F1 H1,SH B105,10686, D6,E8,F8,H3,107B1, C1,D1,D9,E6,F9, SH B108,10986,B8, C1,E3,E8,G4,110C4, C6,D4,F4,G4,111B1, B4,B6,B8,112B8,D1, D6,E8,F6,G1,113D4, D9,F1,114E1 F1,G1, 116B4,C4,D4,E9,F1, F9,117B4,D1,D9,E1, 118B4,C4,E4,F1,G1, SH B119,120B8,C1, F6,SH B121,122E3, F8,SH B123,SH 124, 125B3,D1,F6,G3, 126B3,D6,F6,G3, 127B3,C1-G1,E3, 128B8,D6,D8,E8,F6, H6,SH B129,SH B130, 131C6,D1,D8,E8,F1, F6,SH B132,133D3, D6,SH B134,139D8, E1,140C6,D8,F6,G1, 141B8-F8,E3,142B8, C6,C8,D6,D8,SH B143 144A6,D1,SH B145, 146E6,F3,F8,G3, 147A1,B3,C1,SH B148, 149A1,C1,E8,F8, 150B3,D8,F6,F8,G1, 151C3,E3,E6,F3,G3, 152B3,D1,D6,E1,E8, F3,153B1,C1,E1,E3, F1,F3,G1,154B1,B8, C3,C6,E1,F6,G1
NO	STD 77D	102, (74), 146 (73)	
NP	STD 77D	102 (74), 146 (73)	14G7
NQ	STD 77D		12F1,14G7
NR	STD 81D		TABLE I,1A,1B & 1E,80DG,E0, G0,96D8,103B8, 115C8,D8,E8, 143C0,167E8, 168B1,C1
NS	STD 79D	102 (18), 146 (17)	14A4,C4
NT	STD 79D	102 (18), 146 (17)	1B/C2,E6,F7, H7,2F5,3A1, 5B1,C4,14C2, E5,H4,59D6, 60C8,61B8,C1,C8, F6,G6,SH B62,63B6, E8,F3,64D2,D4,G2, 65D3,E8,66B6,F3, SH B73,74C9,D9,E3, E9,G9,75B6,C1,D1, E1,77E1,G3,78B8,C6, D6,E6,F1,F8,G1, 80E1,81D3,F3,82E3,F3 G3,H6,SH B84,85H3, 86C3,D3,87A8,B8,G8, 88B8,D8,F6,F8,G8, 90G1,91A6,B1,C6,E3, E6,G3,H6,94F6,95A8, C1,D1,D3,F1,99C8, F6,SH B100,10189, D6,E6,E9,102B2, 103A8,104C0, C6,E6, F6,
NT	STD 79D	102 (18), 146 (17)	105F3,109F8,G8, SH B110,SH B111, 112C4,113D1,D4,E4, 114B8,C1,E1,E6,F1, G1,SH B116,117C1, G8,118E1,11988, D8,E6,E8,F6,G6, 120D6,F8,G3,121C8, E6,124B6,D6,F3,F6, G6,126C3,127D6,F6, 120E8,G8,130C1,D1, F1,G1,131G3,132D4, F1,133B6,C6,F3,G1, G3,134C6,141G1, 142A6,B6,C6,G3, 143B1,D9,E7,G7, 144D1,F3,G3,H3, SH B145,147E6, 149B6,D3,E3,F3,G3, 152B8,C8,D8,E8,F6, G6,H6,SH B153, 154B8,G6,155B6,C6, D6,F6,G6,159A8, C8,160B1,D1,D3, E1,F6,F8,G1,162B1, 174C8,F6,G6,H3, 175B6,D6,F3,H3, 17688,

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APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
NU	STD 79D	102 (18), 146 (17)	APP FIG 22
NV	STD 79D	102 (18), 146 (17)	14C2
NW	STD 79D	102 (18), 146 (17)	63D9,64C4,D2, G2,101B9,E9, 102B2,127E5, 143D7,D8,G7
NX	STD 79D	102 (18, 22), 146 (17)	59E9,G9,60G6, 61B4,C9,E4,65D9, 66B1,F2,67D1, D2,D4,G1,H6, 72C9,F6,77E9, 80F6,82F4,F6, 83D6,85E7,98D9, 99B1,E6,100B1,D1, 101D1,103B7,C4, 104C4,C9,D4,G4, 10986,E6,113B6, 116E4,117E9, 118G9,121F2, 123D9,124C1, 125E1,128G1, 130B9,C9,E9,G6, 131B9,E4,E6,G1, 132B1,B6,D1, 133B2,B4,D2,D9,G6, 134C1,C4,140B1, D1,141B1,B6,E4, E6,142E6,F6, 145E9,146B4, 147C4,E9,F4, 152D4,G1,159E9, 160E1,161C9,167B6, E6,166F6,G6, 171D4,174B4,C2, C4,C6,E2,E9, 175B1,B4,C1,C9, E9,F1,176B1,B6, D6,E1,G1,G6
NY	STD 79D	102 (18), 146 (17)	APP FIG 29, 101B8
NZ	STD 79D	102 (20), 146 (17)	APP FIG 29 101E8,102B1
LA	STD 79D	102 (18), 146 (17)	1B/C2
LB	STD 81D	102 (77), 146 (78)	37D5,E5,45A3,F0, 53F8,54A0, 6888-G8, G5,6980,C0,D0,G0, 9088-F8,E5,F5,10588 D8,E8,10680,C0,D0, 126C5,C8,E8,F5, 1278D-F0,14983,C0-H0,C3,170C0-H0
LC	STD 80A	1163	87G3,123B3
LD	STD 79D	102 (66), 146 (75)	38C8,48D3,52H5, 70D1,81C6,83C8, 107E8,117F1,119F1, 105E8,161G1,163D1
LE	STD 78A	102 (67), 146 (76)	37D5,E5,45B3,F0, 53F8,54A0, 6888-G8, G5,6980-E0,90B8, C5,D8,E5,E8,F5, F8,G3,105C8-G8, 106B0-D0,126B8,C5, E8,F5,127B0-F0, 149A0,A3,C3,D0-G0, 169C0-G0
LF	MD 79D	1167	14D8,E8,F8
LG	MD 79D	1167	59B3,C1,C8,60D1, D3,61C3,G3,63B8, 64B1,F6,65B8, 66A8,67B3,C1,E3, G6,SH B68,69D6,E6, 70E3,F6,F8,G6,H3, 71B1,72F1,G3,73D1, E1,74B3,F3,G1,G3, 76D8,E6,78B1,B3,D3, F3,F6,G3,81E3,82C6, 84B8,F8,85F8,86G3, 89C3,C8,F3,90A6, F3,91C8,E3,92D1, 98C3,C8,D1,99D3,D6, E1,100D1,G1,101D8, 102D6,103B3,H1, 104B6,C8,E1,F1, SH B105,106D6,E6, 107B8,G3,G8,108C1, 109C4,D8,E1,110C8, D6,H6,112D8,G6, 113E8,114A3,B4,C6, D4,F4,11584,C1,E1, 117C1,11881,F1, 120G1,121F3,122E1, 125C4,E3,126C6, 127B6,128D1,E3, 139C3,D1,D3,E8, 140A8,C6,G1,141C8, D8,143A6,146E1,F8, 147A6,B1,E3,148B1, B6,C6,F3,150A3,B6, B8,151B1,C1,152B1, B6,153B6,F6,G6, 154A8,G6,155E6, 156A1,C1,157H6, 158E6,F1,G1,159C6, D8,F8,161E1,164B1, D6,165E3,16688,C6, D3,E6,F3,F6,G1, 167B1,C1,F6,G6, 168C8,169B1,170B1, B8,C3,D3,E3,171C1, C3,G1,173E6,
LH	MD 79D	1167	68D3,73B6,C3-F3, C6,G1,H3,74B8,C8, D6,E6,E8,F8,G6, 75A1,C1,C6,D1,85H3, 91G6,105F3,109F8, G8,110B1-G1,F8, 111B1,B4,D4,D8,E1, F4,G1,G4,127B8, 145A3,C1,C3,C8,D6, E1,E6,G6,
LI	STD 79D	102 (22), 146 (17), 1167	62C1,66G2, 67D2,70D6, 74B9,D6,D9,E9, F6,75B1,B6,D1, E1,7998-G8,85F7, 86H1,94F8,95C9,D9, 96F4,100B1,107F6, 110E9,SH B111, 114A1,11586-G6, 120F8,121F2,G6, 131F4,F6,133B2,B9, D2,141E4,144C4,F3, 14586,B9,C8,D4,D6, E1,F9,G1,155C8, 159A6,E3,F3,G3, 162E8,165C6,D6, 172C2,E2,175B1, 176C3
LJ	STD 79D	102 (20)	98D9,99B1,E6, 100E1,101D1,E1, 103C4,C7,G4, 104C4,D4,D9, G4,G9,109E6, 113C9,116E4, 117F9,118G9,121E2, 123D9,124D1,125D6, F1,128G1,130B9, C9,D9,131B6,C1, C9,D6,E4,G1, 131A1,C6,D1,D4, F4,133B2,B4, D9,E2,H6, 134A1,C4
LK	STD 79D	102 (20)	106B4,D4,F4, 119F4,G4
LL	STD 79D	102 (20)	101B1,103C7,G4, 107F6,108C4, 111B1, B4,B6,C9,E1,E4, 114B1,115C6-G6, 118C4,G1,121E2,G6, 131E4,F6,133B2,B9, E2,
LM	STD 79D	102 (20)	103D9,105F4, 110E9,111C1,C4, F1,G4
LN	STD 79D	102 (20), 146 (17)	66E2,69B4,D4, E4,76C4,84F1, G1,89E6,94F6, G4,95A6,103G4, 104G9,10684,D4, E4,119E4,G4, 125D6,131A6,C1, 132F4,149B9,E6, F6,153F4,163C4, D4,169E1,172F1, 173F1,175F6, 176A4,E4
LO	STD 79D	102 (20), 146 (17)	66B3,E2,68C4, 71D3,74D1,F9, G6,82B8,F8, 101B1,103D9,G4, 105F4,108C4, 111C1,C4,118C4, F1,143D1,E1,G1, 144E4,145C4,F6, 146E6,153G4, 159C6,E1,173F6
LP	STD 79D	102 (20), 146 (17)	59D8,E8,F8, 60G6,61E3, 65C8,67C3,G6, 77D9,80D4, 82F6,93C3, 94D6,95A1, C6 D1,96B6, G3,98E8,F8, 99C1,F6,100E1, 103D3,104D8, G3,113A9,11602, 129A8,131C3, C8,E8,132B6, 133C8,134B1, B3,B6,140B1, C1,D1,141B1,D6, 146A3,147F3, 148D1,151C6, 173D9,174D3, D6,175C3,G1, 176A6,C1,C2, E6,F1
LQ	STD 79D	102 (20), 146 (17)	6G3,60B3,C6,E6,F3, 64E3,65E6, G6,66A1,F6, 6788,C8,6986, 70D6,72A6, 74D1,75F3,77D9, 79D6,80D4,91E3, 92D1,93B8, 95C8,E8,96B3,F3, 99B3,H3,101C1, 10283,C6,103D1, E6,104D1,E8,F8, 106B6,107F6, 109E3,111B8, 113A9,115F3, 116D2,127B6, 130C3,133B1,B3, B9,E1,F6,140C6, D8,E8,F8,144B1, 146C1,E8,F3, 147B6,148A6, C6,D1,E1,F3, 150C8,G6, 158E8,F3,F6, 163C8,D8,171B6, 173D9,F6,174E1, E6,175B3, 176C2,D3
LR	MD 79D	102 (20)	98E8,F8,99B1,F6, 100F1,103D3, 104D8,G3,11389, 116D2,12988, 131B8,D8,132B6, 133C8,134A6, B1,D3
LS	A&M 79D	102 (20)	6G4,99C3,H3,101C1, 102B3,C6,103E1, E6,104E1,E8,F8, 106C6,107G6, 111C8,11389, 115F3,116D2, 127B6,128D3, 130C3,133C1, C3,C9,E6,F1
LT	MD 79D	1167	85D8,88D1,121D3, 124B1,163C1, 161B1
LU	MD 82B		APP FIG 54,29G/B1, C1,D1,
LV	STD 82B	102 (78), 146 (9), 1169	APP FIG 54
LW	MD 82B		29G/B1,D1,E1
LX	STD 82B	102 (78), 146 (9), 1169	APP FIG 54, 10986
LY	MD 79D		87H5,123D5
LZ	STD 79D	102 (75), 146 (77)	41F5,76G3, 11285
KA	STD 64D	1172	76C5,112E5
KB	STD 80A	102 (18), 146 (17)	95H5,132C8, 175E8
KC	STD 83D	102 (79), 146 (79)	3F8,5C7,6D0,7E7, 30F5,31B0,32D3, G3,34B8,C8, 37E0,F0,38B0, B3,C3,D3, 39B3,41C0,D8, G3,G6,43G0, 44C0,E0,47G5, 49B0,G0,50E0, 51B0,52E0,53A5, E3,55B3,F5
KD	STD 83D	102 (79), 146 (79)	6D8,11A2,33B3, 37C0,39B8,D3, 41B0,43F1,48G0, 50E5,52E3,55A0, 62E8,72B3,E3, E5,75F3,77B5, 81G3,83B5,86B5, D5,89D5,91E8, F8,G8,101F0, 10983,E0,G3, 111B8,113G3,117D0, 118E8,121F0, 122C3,125E5, 128B3,C3,14288, 151C8,F5,152F0, 154C3,161F0, 163D3,166B1, 169D3,F0,171F3, G3
KE	STD 83D	102 (79), 146 (79)	6D8

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APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
KF	STD 84A	1173	47G3,H3,82D3,D4, 117E8
KG	STD 84A	1173	47H3,117D8,E8
KH	STD 84A	1173	47G3,82D3,117E8, 161B8,171D5
KI	STD 83D	102 (79), 146 (79)	11A2,43D1
KJ	STD 83D	102 (55), 146 (85)	37C7,69G0,106G0, 149C5
KK	STD 85D	102 (80), 146 (27)	55D0,92C1,128A3, 171E3
KL	STD 85D	102 (81), 146 (80)	1B/F9,G9
KM	STD 85D	102 (81), 146 (80)	5F7,30D5,31C5,32F0, F5,33F3,35C0, 36D5,E0,37C8,38E0, G0,G3,39A5,E0,E3, G3,42B3,43D8,F8, G8,44B0,45A3,D0,D8, E3,F0,F3,G8,48B5, F5,50E5,51E8,52B8, 53G7,54C8,G6,55B0, B5,C3,E3,F0,59B8, C0,60E5,61C3, 65B8,G5,67B3,F5, 69B8,G0,70D3, 71G1,72C3,E8,F0, 77D1,78B5,D3,F3, G3,86C5,H3,89E0, 90B5,B8,D5,F3, G5,91D8,92B8,C8, E5,F1,G1,G5,95B8, 98B0,C8,99C5, 100C0,103C3,G0, 104C8,F3,106C8, E0,107G3,108G0, 109E0,G0,G5, 112C0,114C3,C5, E3,G3,122B3, D0,125G0,126C8, D5,F5,E8,127C0, 128C5,D0,F0,G3, 129C0,C3,E0,G0, 132C3,E8,139C0, E8,F8,141C5, 146F0,G0,148B0, D5,150B5,151B3, D8,G5,152E3, 156D3,158B8,166D0, F0,168F5,171B3, E5,172B3,B8,C3, E0,G0,175B8

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
KN	STD 85D	102 (81), 146 (80)	8A3,D7
KO	STD 85D	102 (81), 146 (80)	8A7,D7
KP	STD 85D	102 (81), 146 (80)	18/G7
KQ	STD 98B	1190	84C8,120B3,164E3
KR	STD 85D	102 (81), 146 (80)	1B/H9
KS	A&M 84A	1174, 1179	1D/B9,16A/B1,D1, 26H3
KT	MD 84A	1174	1D/B9,B9,16A/B1, E1,26H3
KU	STD 98B	102 (65), 146 (58)	10C3,45C8,50C3 52D5,80F3,86F0, 90B0,116F0,126E0, 159D5,165C5,169B5
KV	STD 85D	102 (81) 146 (80)	31A0,86,C6,32C1-G1,F6,G6,36C6, D6,E1,37C4,38C8, G1,G3,C8,H1,H3, 42A3,D0,44B3,48E0, 54F0,59C9,G3,60F6, 61C4,65C9,H6,67C4, F6,70E4,71C1,78D8, 79B5,83G3,84G0, 89B8,91F0,98G3, 113B0,114H5,115C3, 118D8,119G3,127E3, 139F9,G3,140G9, 141C6,146E1,148C1, 147E4,150C6,151D1, 153C3,158B0,G5, 162G5,163D3,169D3, 170D5,E5
KW	STD 89B	102 (79), 103, 146 (79)	44F1,78C8,114F5, 157F8
KX	STD 89B	102 (79), 103, 146 (79)	44F1,78H5,114E5, 140G3
KY	STD 96B	102 (64), 146 (69)	16A/F0

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
KZ	STD 85D	102 (82), 146 (28)	33C5,63B3,H1, 101F3,H3,143E0, H0
JA	STD 85D	102 (81, 83), 146 (15, 80)	38G8,50F0,71A1, 86B0,108C0, 121G3,151D1,157D8
JB	STD 87B	102 (84), 146 (57)	68B3,69B3,C3, 105E3,148D5
JC	STD 87B	102 (85), 146 (53)	33F6,34F8,36C3, 37E8,38A3,39F1, 55C6,H1,65B6,69D3, D8,71B3,80C1,D1, 92B3,D8,93B1, 102G8,103B1,106C3, F3,F8,107B1,108B4, 115C8,D8,128E6, 129D3,F3,147B8,G6, 149B5,E6,G6,150G1, 151D3,159C3,D3,E3, 171G6,172F3,G3
JD	MD 86A		117C0,161C1
JE	STD 89B	102 (43), 146 (46), 1178	45D8,47B3,80G3, 116G0,159E5
JF	A&M 89B	102 (43), 146 (46), 1178	74C6,110D8,153C8
JG	STD 89B	102 (86), 146 (81)	2A3,D8,21A0
JH	STD 101A (AC)	102 (79), 146 (79)	38A0,69B5,106B5, 149F8
JJ	STD 89B	1183	2A3,D8,21A0,25C6, E6,F5,F6,G5,71E1, 108E1,151F1

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
JK	STD 89B	1180	37F3,68F6,105H6, 148D8
JL	STD 85D	102 (81), 146 (80)	35B5,84D8,104C0, 176B8
JM	STD 89B	1104, 1107, 1119, 1124, 1125, 1134, 1140, 1144, 1145, 1146, 1148, 1150, 1151, 1161, 1174, 1179, 1183	APP FIG 11,166, 16A/B5,25A2
JN	STD 84A	102 (12), 110, 113, 141, 1144, 1146, 1174, 1179	APP FIG 1,2D7,E7
JO	STD 91A	102 (79), 146 (79)	
JP	STD 91A	102 (79), 146 (79)	
JQ	STD 91A	102 (29), 113, 141, 146 (84), 1146	26B/A0,C0
JR	STD 91A	103, 1183	1A/F1
JS	STD 91A	103, 1183	1A/H1
JT	STD 91A	103, 1183	1A/F1
JU	STD 91A	103, 1183	1A/G0,1B/G8
JV	STD 91A	103, 1183	1A/H0,1C/H5
JW	STD 91A	103, 1183	1A/H0,1D/H0
JX	STD 91A	103, 1183	1A/F0
JY	STD 91A	103, 1183	1A/H0
JZ	STD 92B	1184	35B3,66F1,103C5, 146G3
IA	A&M 89B	1183	16A/A5
IB	A&M 89B	103, 1104, 1134, 1183	16A/B5,25C7-G7

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
IC	MD 66D	1142	32D6
ID	MD 66D	1142	36G6
IE	A&M 66D	113, 1142	30A8,31B1,32D5, 36G5
IF	MD 68D	1147	55B6,129B3
IG	STD 95B	102 (89), 103, 146 (44)	10B1-B7
IH	STD 94A	103, 1186	2A3,C3
II	STD 94A	103, 1186	APP FIG 1
IJ	STD 96B	102 (90), 146 (86)	1A/F2-G0
IK	STD 96B	102 (90), 146 (86)	1A/G0-H3,5B2, 6H2
IL	STD 97A (AC)	1187	1B/B8,B9
IM	STD 97A (AC)	1187	1B/B8,B9
IN	STD 97A (AC)	1188	72H6,109C6,155B3
IO	STD 97A (AC)	1188	72G5,109C5,155B3
IP	STD 96B	1189	3D8
IQ	STD 96B	102 (29), 146 (84) 1189	3C8,D8
IR	STD 96B	102 (64), 146 (69)	4F2,6H7,7H9
IS	STD 96B	102 (64), 146 (69)	APP FIG 6,1E/F7, 1F/G6,G7,4F2
IV	STD 96B	102 (29), 146 (84), 1189	1D/C6
IW	STD 96B	1189	1D/B9,16A/D0
IX	STD 98B	102 (29), 146 (84)	3B5,6F2

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
IY	STD 98B	102 (29), 146 (84)	3A5,H5,H6,6F2, 66E9,104G1,147C1
IZ	STD 98B	1189	3H5

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-A99

ISSUE 101A

CBL-176(11-73)

SD-25805-01-A99

SD-25805-01-BIA

PART OF FS 1

PREFERENCE
(TRANSVERTER AND SIMULATED TRANSVERTER)

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

ANI TV CKT OR PROGRAM CONTROLLED TRANSVERTER CKT (ANI)

TRANSLATOR ACCESS CKT

TV OR CAMA TV CKT OR PROGRAM CONTROLLED TRANSVERTER CKT (CAMA)

MASTER TEST CONTROL CKT

LINE VERIFICATION CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT

OFFICE TEST FR TBL IND & CONN CKT

MASTER TEST FRAME CONNECTOR CKT

TABLE A

RELAY	CONT	TRANSVERTER							
		0	1	2	3	4	5	6	7
BCA	a	5	7	9	11	5	7	9	11
	b	6T	8T	10T	12T	6B	8B	10B	12B

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-BIA

96B

PART OF FS I

IA/F9

PREFERENCE (AMA RECORDERS, MASTER TIMER, LINE INS TEST) TRST

TO LAST REG AMA RCDR & RCDR CONT CKT OR TRK CONT CKT

TO INT REG AMA RCDR & RCDR CONT CKT OR TRK CONT CKT

TO REG AMA RCDR & RCDR CONT CKT OR TRK CONT CKT

TO EMER AMA RCDR & RCDR CONT CKT OR TRK CONT CKT

TO RCDR & RCDR CONT CKT

FIRST REG AMA RCDR & RCDR CONT CKT

TRUNK CONTROL CKT

MASTER TIMING CKT (MAG AMA)

MASTER TIMER CKT (ODD & EVEN)

LINE INSULATION TEST CONTROL CKT

NO DIRECTORY NUMBER PRINTOUT

DIRECTORY NUMBER PRINTOUT

THRU OTHER APP FIGURES 16

THRU OTHER APP FIGURES 20

NOTE:
1. THE SEQUENTIAL WIRING OF THE RELAYS DEPENDS ON THE MOUNTING EQUIPMENT:
   [a] WHEN J-28152U-90 IS PROVIDED.
   [b] WHEN J-28153AD-50 IS PROVIDED.

IC/GO

BELL TELEPHONE LABORATORIES INCORPORATED

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-BIB

PART OF FS I

PREFERENCE
(PRETRANSLATORS)

18/G9

OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT

PPR7 PPR6 PPR5 PPR4 PPR3 PPR2 PPRI PPRO PTP

PTT(7) PTT(6) PTT(5) PTT(4) PTT(3) PTT(2) PTT(1) PTT(0)

PRA(7) PRB(7) PRA(6) PRB(6) PRA(5) PRB(5) PRA(4) PRB(4) PRA(3) PRB(3) PRA(2) PRB(2) PRA(1) PRB(1) PRA(0) PRB(0)

TO EIGHTH PRETRANSLATOR
TO SEVENTH PRETRANSLATOR
TO SIXTH PRETRANSLATOR
TO FIFTH PRETRANSLATOR
TO FOURTH PRETRANSLATOR
TO THIRD PRETRANSLATOR
TO SECOND PRETRANSLATOR

FIRST PRETRANSLATOR CKT

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION CKT (INTF)

MASTER TEST CONTROL CKT

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

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ISSUE 92B

DRAWING ISSUE 750

SD-25805-01-BID

PART OF FS 1

IC/F9

PREFERENCE (MARKERS)

THRU OTHER APP FIGURES 4 ASSOCIATED WITH DIAL TONE MARKERS ON THE BASIC FRAME OR ASSOCIATED WITH COMBINED MARKERS

APP FIGURE 4 ASSOCIATED WITH THE FIRST DIAL TONE MARKER ON THE BASIC FRAME

THRU OTHER APP FIGURES 4 ASSOCIATED WITH COMPLETING MARKERS ON THE BASIC FRAME OR ASSOCIATED WITH COMBINED MARKERS

APP FIG. 4 ASSOCIATED WITH THE LAST CM ON THE BASIC FRAME

THRU OTHER APP FIGURES 187

IA/HO OP6

(LAST) MPR(-)

(INT DT) MPR(-)

(2ND) (-188) (188) (2ND)

(6TH DT) MPR(-)

(IST) (-188) (188) (IST)

(5TH DT) MPR(-)

(LAST) (-187) (187) (LAST)

(INT EXP CM) MPR(-)

(INT CM) MPR(-)

(IST) (-187) (187) (IST)

MPRO

CIC TM TM2 TMI CIT

IE/GO

DIAL TONE MARKER CKT

TRST TRB TRTP TRST -48

TS 8T 7 5C8

DIAL TONE MARKER ASSOCIATED WITH EXPANDED MARKER FEATURE

TS 8T 7 5D8

COMPLETING MARKER ASSOCIATED WITH EXPANDED MARKER FEATURE

TS 8T 7 5D8

COMBINED OR COMPLETING MARKER CKT

TRSA TST TRBI TRTR TRST -48

DTI RTA MON

TO OTHER COMPLETING MARKERS

TST MKT -48

CI TRBI

AUTO. MON & REG SDR TEST CKT

TS 8T 7 5B8

7G4

SO MTP 5B 4 SO

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION CKT (INTF)

CTRB CTRA

MKA2(-) MKB2(-) MKT1(-) MKA(-) MKB(-) MKB1(-) MKB3(-) MKT(-) MKA1(-)

TO OTHER APP FIGURES 41

TO OTHER APP FIGURES 188

TO OTHER APP FIGURES 187

TO OTHER APP FIGURES 6

TO INTF CKT

MASTER TEST FRAME CONNECTOR CKT

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98B ISSUE

750 DRAWING ISSUE

SD-25805-01-BIE

PART OF FS1

PREFERENCE
(TEST CIRCUITS)

ID/G9

SSP · RTP1 · RTP0 · REP2 · REP · LVP · FSP · TTR · TTR2 · ATP · RTP · REPI · LVPI · TTRI · TTR3 · ATPI · RTP2

STUCK SENDER TRUNK IDENTIFIER CKT
RL TRB TRST SON — 48
TRB TRST CI — 48

SECOND ROUTE TRANSLATOR CKT
TRST TRC — 48
LA — 48

FIRST ROUTE TRANSLATOR CKT

AUTOMATIC RANGE EXTENSION TEST CKT
TRC TRB TRR PR TRST — 48
CI — 48
FI HFCI — 48
TS

ETS POWER AND DATA INTERFACE CKT OR
LINE VERIFICATION CKT AND/OR COMPUTER
LINE VERIFICATION ACCESS CKT
PRO/I HLVA KR — 48

SENDER TEST CKT
TRC TRB TRR — 48
CI — 48

TRUNK TEST FRAME CKT
PR MFC TRL PR — 48

SECOND TRUNK TEST REGISTER CKT
PR HFC TRL PR — 48

AUTOMATIC PROGRESSION TRUNK TEST CKT
HG MRLI ATP ATP — 48

REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST
LINE REGISTER CKT
PR MFC TRL PR — 48

MARKER CKT
RTST — TO ALL MARKERS

MINI-ROTL CENT CONT
ISL (RTP)
MINI-ROTL INTERFACE CKT

IF/E0 · IF/A4

BELL TELEPHONE LABORATORIES INCORPORATED

MASTER TEST FRAME CONNECTOR CKT (2)

6S

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DRAWING ISSUE 750

PART OF FS I

PREFERENCE
(LINE CONCENTRATORS, MASTER TEST CONTROL, AUTO MONITOR)

IE/G8

OP — CI

LINE CONCENTRATOR NOT PROVIDED

LINE CONCENTRATOR PROVIDED

LINE CONCENTRATOR NOT PROVIDED

OP — CIA

FIRST 2A LINE CONCENTRATOR

CTR — -48

CTR — CTR — LA — -48

INTERMEDIATE 2A LINE CONCENTRATOR

CTR — -48

CTR — CTR — LA — -48

LAST 2A LINE CONCENTRATOR

CTR — -48

CTR — CTR — LA — -48

OPI — CIAI

LINE CONCENTRATOR NOT PROVIDED

LINE CONCENTRATOR PROVIDED

LINE CONCENTRATOR NOT PROVIDED

IE/A9 CIA

TEST CONNECTOR CKT FOR ACD

-48 — TRST — TRST — TIR — TRST

ACD U L 700 4 — 199

-48 — TRS — TRST — TIR — TRSI — 199 ACDI E

ACD 6 E — 199 — NL

MASTER TEST CONTROL CKT

-48 — MTP — NI — PT — MTP — SO,SN MTP 6B,4B 7T,6T 700

195 E — RTP — IS — ATTP — 12

2 1 MTP 3B

MON E — 4 MON 5B — 6T 6B 700

IS — PR — 7 195 RTP2 — ROTP

RVER

MINI-ROTL INTERFACE CKT

2 MON — E

ACD 8 — 6 ACDI — 199 — NL

NL — ACD 2 — 199 — ACDI U L 700 4 — -48

2 — 3T 2 1 MTP — 2

43 — 43 — MTPI 10T 10B 700 — WA AC — WB N — -48

MTP 4 5T — 2 — 43 — 2 1 MTPI 3T — 43

ZH — MTL 7C8

ZH — MIKS — MTLI — ZH — 7G0

MON 5T 4 3 CI — CI -48

AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT

TRC — TRS — NRR — STC- — -48

TRST

YH — YH — ZH — E

2 — 43 — MTL 2B 1 — XG — XG — XR — XR

43 — 43 — 48 — TTL — 48 — 2B 1

159 — 159 — TTL 7

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MASTER TEST FRAME CONNECTOR CKT

(2)

6S

SD-25805-01-BIF

96B

DRAWING ISSUE

DRAWING ISSUE 75D

FS 2

CONNECTOR OFF-NORMAL & TROUBLE RECORD COMPLETED

AUTOMATIC MONITOR REGISTER & SENDER TEST CKT

SENDER TEST CKT

LINE INSULATION TEST CONTROL CKT

2A LINE CONCENTRATOR CKT

ROUTE TRANSLATOR CKT

AUTOMATIC RANGE EXTENSION TEST CKT

STUCK SENDER TRUNK IDENTIFICATION CKT

TROUBLE RECORDER CONTROL & TEST CKT

TEST CONNECTOR CKT FOR ACD

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

TABLE IE

TABLE IA,IB OR IE

AMA RECORDER & RECORDER CONNECTOR CKT OR TRK CONT CKT

TEST CIRCUITS

TROUBLE RECORDER CKT

LINE INSULATION TEST CONTROL CKT

DRAWING ISSUE 75D

DRAWING ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B2

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FS 3
TROUBLE RECORDER START

MASTER TIMING CKT (MAG AMA)
TRCI

AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT
DL TRRI CII

SENDER TEST CKT
CII

LINE INSULATION TEST CONTROL CKT
LAI

2A LINE CONCENTRATOR CKT
LA

ROUTE TRANSLATOR CKT
LA

AUTOMATIC RANGE EXTENSION TEST CKT
TRR CII

STUCK SENDER TRUNK IDENTIFIER CKT
CI

RECORDER AND RECORDER CONTROL CKT
TRCI STTR SCII SCIO TBL

TROUBLE RECORDER
TRC TSTI TRC TRC2 TRC 6T 6B 700 A -48
2G3

TRC 1 2,3B TRC2 5 6T J H,WB ROS 1 28 H,WB TV

TU IY IX IY IY 64 TSTS 4 4 5 6T G,WX TS F,WV

PA PB PA PF PG YH YG,WB STR

TST TSTB STRI -48 STRI

TROUBLE RECORDER CONTROL CKT OR TROUBLE RECORDER CONTROL AND TEST CKT

AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT

MON 2 3B YG,WB IQ YG,WB STRI

SMNE L KEY

STRC IQ STRA IQ YG,WB

STR2 STR2 ON -48 TST3

TST STRA KC

LINE VERIFICATION TEST CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT
TS- STR -48

T MTO 7T 6 (23)

T MTE 7T 6 (23)

U RC(-) 5T 4 RCR(-) 7T 6 (24)

(24) (25)

R RNA 4B 3 (22) (25) TVA(-) 7B 6 TVB(-) 8T 7 (25) (53) BCA 2T 1

AA PRA(-) 2B 1 PRB(-) 6B 5 (36)

AB TVA(-) 1 TVB(-) 8 (160)

A35 (58 59) TVB(-) 22 (62) TAA(0-2) 1,12,12

CI SENDER TEST CKT STR2 STRI STRA

LA LINE INSULATION TEST CKT STR2 STRI STRA

LA ROUTE TRNSL 0 STR2 STRI STRA

LA ROUTE TRNSL 1 STRI

TRST TRO TRST TRI

TRANSLATOR ADMINISTRATION AND TEST CKT

CI AUTOMATIC RANGE EXTENSION TEST CKT STR2 STRI STRA IP

F,WV PG PB STRA

A CIC 5T 4 (6) UX UZ MKB3(-) 2B 1 UZ RO RN MKA1(-) 6T 5 RO MKA(-) 10T 9 OM ON OM MKB(-) 10T 9 (6)

MKB(-) 10T 9 16A/A0

12H5 MN ACDI 10 199 ACDI 2 1 STR

TEST CONNECTOR CKT FOR ACD
TRS TS MKA2-

TROUBLE INDICATOR CKT FOR ACD
IA(0) -48 IA(0) R-
IA(1) -48 IA(1) R-

199 STRA STRA1 STRA 5E2

(41) MKA2(-) 9T 8 XS UI,XT MKB2(-) 11T,6T 10,5 (41)

(187) MKA(-) 3 MKB(-) 7 (187)

(188) MKA2(-) 3 MKB2(-) 7 (188)

5084, 6613, 10491, 14701 SRT IY (6) IY MKA(-) 6T 5 IY IZ (187) MKA(-) 1 IZ IY (64) TSTS U L 270 4 RA -48

MASTER TEST FRAME CONNECTOR CKT (2)

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SD-25805-01-B3

DRAWING ISSUE 75D

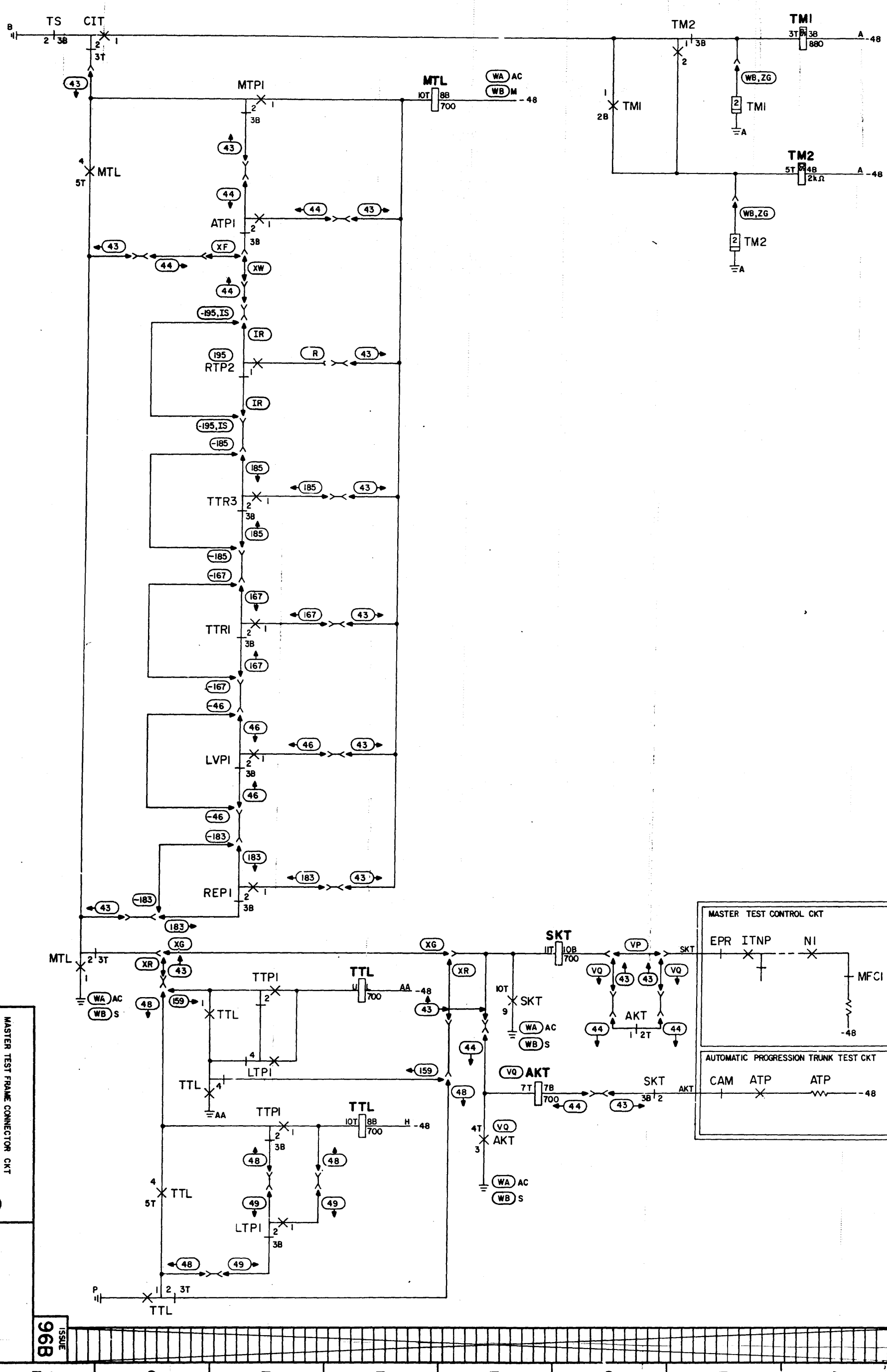
DRAWING ISSUE 98B

SD-25805-01-B3

0 1 2 3 4 5 6 7 8 9

FS 4

AUXILIARY TEST PREFERENCE



FS 5

TEST START

TI TCI

CI

MASTER TEST CONTROL CKT

TCT2

RECE

TSO NT

IK

LV5 SO

SDR2 SO B

ITNP SO

LINE INSULATION TEST CKT

MCK MS

MKT

TSG

SKT ZH

ITT 8T 8B 700 A -48

VV VU CIT 7B 6

WA AC WB S SKT 8T 7 43 43

D ITT 7T 6 VV

WA AC WB S VQ AKT 6T 5 44

56 LITVI 1 AE

IOT TS 9

TS 11T 11B 700 A -48

WB,ZG 2 TS A

VC,YE CIT 7T 6

VD,YD B

3H5 STRAI ACDI 199 4

STRA ACDI 9

TMI 2T 1 TM2 4T 3 3T 2 TM 1

8 9 CIC IOT

PR PR PR

ID/F7

MPRO

CI

IC/G7

PTT(O) PTT(-)

PPRO PRR(-)

IA/G3

TVPO

CI

MASTER TEST CONTROL CKT

MFCI TS2 CIB

LINE VERIFICATION CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT

MLVA TS- CIB KC

TLVA

AUTOMATIC PROGRESSION TRUNK TEST CKT

TRL TS- CIB WB,ZI

AUTOMATIC RANGE EXTENSION TEST CKT

MFC TS CIB

TRUNK TEST REGISTER CKT

MFC TS CIB

REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT

MFC TS CIB WB,ZI KM

LINE INSULATION TEST CONTROL CKT

DPS CIB

TS 8T 7 CIB3

ID/B8 ( ) 6 MKT(-) 9T 8 MKB(-), MKBI(-),MKB3(-) -48

CIB1

ID/B1 ( ) 41 MKTI(-) 9T 8 MKB2(-) -48

CIB2

ID/B5 ( ) 187 MKT(-) 3 MKB(-),MKBI(-) -48

CIB

ID/B3 ( ) 188 MKTI(-) 3 MKB2(-) -48

CIB1

IA/A4 ( ) 25 TVT(-) 9T 8 TVB(-) -48

CIB

IC/F7 ( ) 36 PTT(-) 5T 4 PRB(-) -48

CIB

IA/A2 ( ) 160 TVT(-) 9 TVB(-) -48

DRAWING ISSUE 75D

DRAWING ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

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BELL TELEPHONE LABORATORIES INCORPORATED

6S

0 1 2 3 4 5 6 7 8 9

A B C D E F G H

FS 6

BUSY TEST, TEST START & TROUBLE INDICATOR

DRAWING ISSUE 75D

DRAWING ISSUE 100B

MASTER TEST CONTROL CKT — MC5, PC2 — TM

AUTOMATIC RANGE EXTENSION TEST CKT — MC- — TM

AUTOMATIC PROGRESSION TRUNK TEST CKT — TS- — TM — (WB,ZI)

LINE VERIFICATION TEST CKT AND/OR COMPUTER LINE VERIFICATION CKT — TS- — TM — (KC)

TRUNK TEST REGISTER CKT — MCI — TM

REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT — MCI — TM — (WB,ZI); RCP — TI — (WB,ZI)

MASTER TEST CONTROL CKT — TG, L KEY, REC, TS2 — TI

AUTOMATIC RANGE EXTENSION TEST CKT — TI

AUTOMATIC PROGRESSION TRUNK TEST CKT — TI — (WB,ZI)

TRUNK TEST REGISTER CKT — TI

CIC 8 7 98 — TM

TABLE I, IA, IB OR IE: CONN REL — TM; SCAN REL — TM

TM: -48 A — 3B 4T 700 — 3T 2 I TS — CIT 5B 4 — WB,ZG 2 TM A

MKT(-) (6) 5T 4 — MIT

MKT(-) (187) 9 — MIT

MKTI(-) (41) 5T 4 — MIT

MKTI(-) (188) 9 — MIT

PTT(-) (36) 7B 10 — TM

TVT(-) (25) 5T 4 — TM

TVT(-) (160) 10 — TM

TS 8 6B 5 — (WR,WS) IX (64) IY TSTS IY

TRUNK CONTROL CKT FOR MAG AMA: TMA TII — (27) RTE/RTO 35 — LS; (156) RTEA/RTOA 30 — LQ

TVAI(-) 10T 9 — (25)

TVAI(-) 12 — (160)

TABLE I, IA, IB OR IE: SCAN REL — TM

CDT APPLICATION CKT — CII — IK — TI — TRANSLATOR ACCESS CKT

FOR TABLE I — R3 30 — TM — TO TROUBLE RECORDER CONTROL AND TEST CKT

DIAL TONE OR COMPLETING MARKER CKT: TM -48

COMBINED OR COMPLETING: MIT — M3 — OATI — OAT -48; DIAL TONE — OAT

PRETRANSLATOR CKT: TM -48

TRANSVERTER OR CAMA TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT: TV-TMSI; CAMA TV-TM2; EXT -48

ANI TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT: TRST, TM2T, TM2 -48; CKI, TM2

LINE INSULATION TEST CONTROL CKT: DPS -48 — TS

LITVI 2 — (56) — ACDI (199) 2 — (ZH) — TS

1 2B TS 8 — (43) — NL — (43) — SKT 9B 8

(ZF) CITA 7B 6

MTPI 7B 6

(43) (47) PTPI 7B 6 (47) (43)

(43) (48) TTPI 7B 6 (48) (43)

(159) TTPI 1 (159)

(49) LTPI 1

LTPI 7B 6 (49) (159)

(43) (46) LVPI 7B 6 (46) (KD,KE) — TS — (XE,KE)

(43) (183) REPI 7B 6 — TS

(43) (167) TTRI 7B 6 — TS

(43) (185) TTR3 7B 6 — TS

(43) (44) ATPI 7B 6 — TS

(VQ) AKT 4B 3

(43) (IR) (195) RTP2 10 — TS

MASTER TEST CONTROL CKT — TS -48

COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT — TS — PR — TS -48 — TSA

LINE VERIFICATION TEST CKT — MG — TS -48

AUTOMATIC RANGE EXTENSION TEST CKT

TRUNK TEST REGISTER CKT — TS -48

2ND TRUNK TEST REGISTER CKT — TS -48

AUTOMATIC PROGRESSION TRUNK TEST CKT — MG- — TS -48

REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT — MGA — TS -48

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-B6

BELL TELEPHONE LABORATORIES INCORPORATED — 6S

SD-25805-01-B6

FS 7
MARKER SELECTION

MASTER TEST CONTROL CKT
ZH MTLI MTP 5T 4 IF/B6 MKS ZH MKS
MTU SW
MKTO-9
MKT10-17
43
MTPI 9T 8 MKS
(ALL MARKERS)
MKT(-) TO LINE INSULATION TEST CONTROL CKT
D VV ITT 7B 6
VV ITTI 13T 13B B -48 2.5kΩ
ITTI
12 12T 11 12
11 10T 9 11
10 8T 7 10
9 6T 5 9
8 4T 3
7 2T 1 7
6 12B 11 6
5 10B 9 5
4 8B 7 4
3 6B 5 3
2 4B 3 2
1 2B 1 1
COMPLETING MARKER CKT
MPR- CI TRST TST
ID/D6
MKT(-)
VV VV VU
AUTOMATIC RANGE EXTENSION TEST CKT
MT SW
43 183 REPI 9T 8 MKS MKT(-)
AUTOMATIC PROGRESSION TRUNK TEST CKT
MKP SW
43 44 ATPI 9T 8 AMKS MG- MKT(-) ZI,WB
LINE VERIFICATION CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT
43 46 LVPI 9T 8 MKS
MLVO PR- L KEY PR- MKT(0) KC
MLVI L KEY MKT(1)
TRUNK TEST REGISTER CKT
43 167 TTRI 9T 8 MKS
MKOA MKT(0)
MKIA MKT(1)
SECOND TRUNK TEST REGISTER CKT
43 185 TTR3 9T 8 MKS
MKOA MKT(0)
MKIA MKT(1)
43 IR 195 RTP2 4 AMKS
REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT
MKOA MKT(0)
MKIA MKT(1) ZT,WB
(SPECIAL MARKERS)
(COMPL MKRS)

MKT(-) (LAST) 41 MKTI(-) 10T 10B 700 B -48
(LAST) 41 3T 2 1 MKTI(-) -41
MKT(-) (1ST) 41 MKTI(-) 10T 10B 700 B -48
3T 2 1 MKTI(-)
THRU OTHER APP FIGURES 41
41 (FIRST) -41
MKT(-) (2ND) 188 MKTI(-) U L 700 B -48 4
(2ND) 188 6 MKTI(-)
188 (2ND) (2ND) -188
MKT(-) (1ST) 188 MKTI(-) U L 700 B -48 4
(1ST) 188 6 MKTI(-)
188 (1ST) (1ST) -188
MKT(-) ( ) 187 MKT(-) U L 700 B -48 2
(LAST) 187 6 MKT(-)
THRU OTHER APP FIGURES 187
187 (1ST) (LAST) -187
(1ST) -187
MKT(-) ( ) 6 MKT(-) 10T 10B 700 B -48
3T 2 1 MKT(-)
ZG,WB 2 MKT(-)
MKT(0,1)
THRU OTHER APP FIGURES 6
(2ND) 6 MKT(1) 10T 10B 700 B -48
3T 2 1 MKT(1)
ZG,WB 2 MKT(1)
6 (2ND)
(1ST) 6 MKT(0) 10T 10B 700 B -48
3T 2 1 MKT(0)
ZG,WB 2 MKT(0)
6 (1ST)
MTP 3T 2 1 IF/C6 ZH MTL ZH
MASTER TEST CONTROL CKT MFCI CKG SDR2 LV5 MTL ZH
SKT 4 5B MTL 5B 4 3 43
AUTOMATIC PROGRESSION TRUNK TEST CKT CAM 2,3 CAM MTL AKT 5 6B 44
WA AC WB S

MASTER TEST FRAME CONNECTOR CKT
BELL TELEPHONE LABORATORIES INCORPORATED
6S 2
SD-25805-01-87
96B DRAWING ISSUE
75D UPDATING ISSUE

SD-25805-01-88

FS 8
TRANSVERTER SELECTION

48 XK 18 TTL TTP 3T 2 1A/B8 TVS 18 XK TVS MASTER TEST CONTROL CKT
159
TTPI 11 TVS
TTPI 9T 8 TVS
MTU SW. ALL 0-9
(ATV) TVTO,I
(TV OR CTV) TVT(-)

AUTOMATIC NO. IDENTIFICATION TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT
TVP(-) 2 1 TRST TVT 1A/B1
TVTA0,I

TRANSVERTER OR CAMA TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT
TVP(-) 3T 2 1 TRST TVT 1A/B4
TVTA(-)

LINE VERIFICATION CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT
LTPI 11 TVS
LTPI 9T 8 TVS
TLVI L KEY PR- PR- PR- PR- TLVO L KEY
(ATV) TVTO,I
TVTO,I

LINE INSULATION TEST CONTROL CKT
TVMBI TVMBO
TVTO,I (ATV) TVTO,I KO KN

56 LITVI 4 TVS

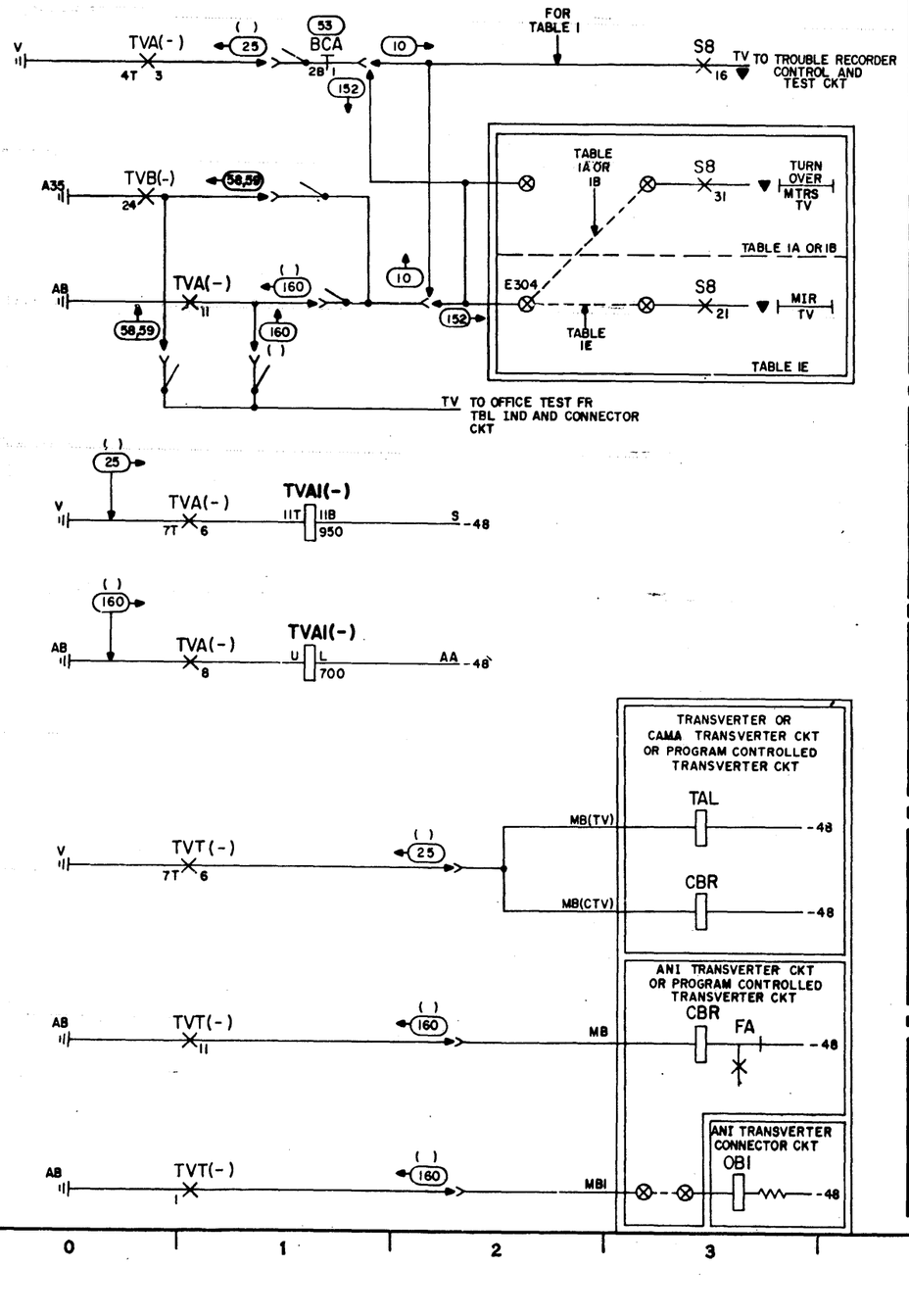
48 49

TTP 6B 5 4 IA/D8 TTL 18 XK XK 48
ZH
TTL
MASTER TEST CONTROL CKT
MFCI CKG SDR2 LVS
TTL XK 43 48 58 4 3 TTL P
SKT 6 78 TTL 43 159 8 TTL AA

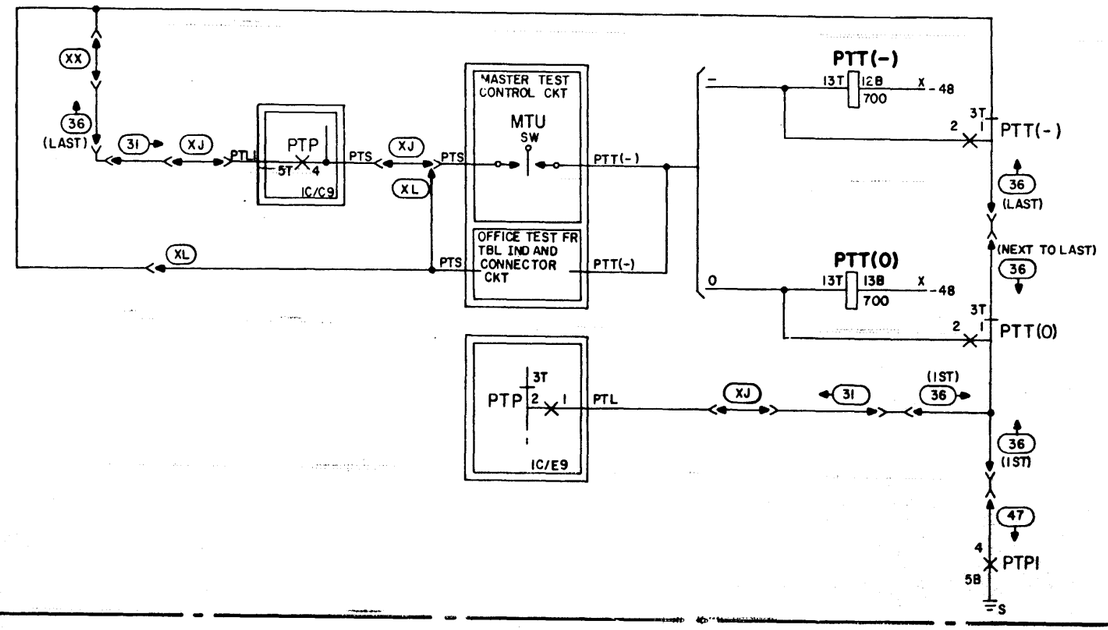
TVT(-) I U L 700 AA -48 6 TVT(-) 160 (2ND) 160 (1ST) -160
TVT(-) 0 U L 700 AA -48 6 TVT(-) 160 (1ST) -160
56 LITVI 5 AE KN
159 (LAST) 25
TVT(-) 10T 10B 700 S -48 3T 2 1 TVT(-)
0,I
TVT(I) 10T 10B 700 S -48 3T 2 1 TVT(I)
(2ND) 25 25 (2ND) (1ST) 25
TVT(0) 0 10T 10B 700 S -48 3T 2 1 TVT(0)
25 (1ST)
56 LITVI 5 AE KO
XK 48

MASTER TEST FRAME CONNECTOR CKT (2)
BELL TELEPHONE LABORATORIES INCORPORATED
6S
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ISSUE 89B
DRAWING ISSUE 75D

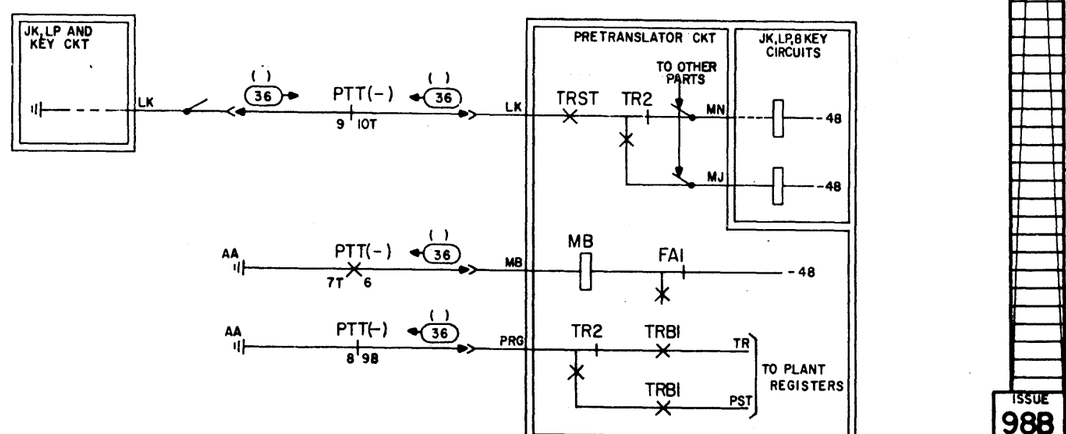
FS 9
TRANSVERTER CONTROL



FS 10
PRETRANSLATOR SELECTION



FS 11
PRETRANSLATOR CONTROL



ISSUE 750

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-89

BELL TELEPHONE LABORATORIES INCORPORATED

6S

FS 12

LINE LINK / TRUNK LINK LT / TT, TRA AND TST RELAY OPERATION

DRAWING ISSUE 750

MASTER TEST CONTROL CKT: 4WLT, SKAL (L KEY), MC2 → OLT, RM

COMBINED OR COMPLETING MARKER CKT: SK, OTT, LLC4 → LTG, TTG

ROUTE DISTRIBUTOR

TRUNK LINK CKT / TRUNK LINK CONNECTOR CKT OR TRUNK LINK & CONNECTOR CKT: TRA, MAI

TRANSFER TRUNK LINK CKT / TRANSFER TRUNK LINK CONNECTOR CKT: TRA, MAI

LTG: MKB3(-) (UZ), MKB(-), MTPI, ATPI, RTP2 (195), SKT

TTG: MKBI(-) (ZI,WB), MKB(-), MTPI, SKT, ATPI, RTP2 (195)

TRA: MKB(-), MKA(-), MKA2(-), MKA2(-) → TRA 226 A -48

AUTOMATIC MONITOR REGISTER & SENDER TEST CKT: MCC, TRA -48

MASTER TEST CONTROL CKT: HMSA, NTTS (L KEY), MC6, KTS

TRUNK TEST REGISTER CKT

REMOTE OFFICE TEST LINE CKT

AUTOMATIC PROGRESSION TRUNK TEST CKT

TST: MKBI(-), MKB(-), MKB2(-), MKB2(-) → TST -48

LINE LINK CONNECTOR CKT: MCI, MCI

LINE LINK CKT: LTA, LTM, LTM, LTA -48

TRUNK LINK CONNECTOR CKT OR TRUNK LINK & CONNECTOR CKT: MB2, MB2

TRUNK LINK CKT: TTA, TTM, TTM, TTA -48

TRANSFER TRUNK LINK CONNECTOR CKT

TRANSFER TRUNK LINK CKT: TST -48

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B10

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-B10

FS 13

MARKER/TRANSVERTER TEST, RCCK, AND NUMBER GROUP CONNECTOR NUMBER

DRAWING ISSUE 75D

COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT

TABLE I, IA, IB OR IE

PR MC MLV TS -48 TSO,I TO(O,I)

MARKER CKT

(COMBINED OR COMPLETING MARKER)

(DIAL TONE MARKER) MT -48

(COMPLETING MARKER)

(DIAL TONE MARKER)

TRANSVERTER, CAMA TRANSVERTER, OR ANI TRANSVERTER CKT

(TRANSVERTER OR CAMA TRANSVERTER OR PROGRAM CONTROLLED TRANSVERTER CKT) TVT -48

(ANI TRANSVERTER)

TS 108 9 B

(O,I) (6) MKT(O,I) 5B 4 KO KI MT

( ) (6) MKT(-) 5B 4 MT

( ) (41) MKTI(-) 5B 4 MT

( ) (187) MKT(-) 10 MT

( ) (188) MKTI(-) 10 MT

( ) (25) TVT(-) 5B 4 TVT

( ) (160) TVT(-) 3 TVT

8T 7 TVAI(-) 11 TVAI(-)

25 ( ) 160 ( )

TVT TVT

SCAN REL

TVT

TABLE I, IA, IB OR IE

L MKT(-) 7T 6 ( ) (6) MB

L MKTI(-) 7T 6 ( ) (41) MB

L MKT(-) 11 ( ) (187) MB

L MKTI(-) 11 ( ) (188) MB

MARKER CKT

(COMBINED OR COMPLETING MARKER)

(DIAL TONE MARKER) MB -48

(COMPLETING MARKER)

(DIAL TONE MARKER)

L MKAI(-) 10T 9 ( ) (6) RCCK

L MKA2(-) 7T 6 ( ) (41) RCCK

L MKB(-) 6 ( ) (187) RCCK

L MKA2(-) 11 ( ) (188) RCCK

T MTE 2B 1 ( ) (23) RCCK

T MTO 2B 1 ( ) (23) RCCK

V RCR(-) 4B 3 ( ) (24) RCCK

V TVAI(-) 4T 3 ( ) (25) RCCK

AB TVAI(-) 8 ( ) (160) RCCK

AB PRA(-) 6T 5 ( ) (36) RCCK

A36 TVB(-) 44 (58,59) RCCK

MARKER CKT

(COMBINED OR COMPLETING MARKER)

(DIAL TONE MARKER) RCCK -48

(COMPLETING MARKER)

(DIAL TONE MARKER)

MASTER TIMER (EVEN)

MASTER TIMER (ODD)

AMA RECORDER OR TRUNK CONTROL CKT

TRANSVERTER, CAMA TRANSVERTER, ANI TRANSVERTER CKT

PRETRANSLATOR CKT

TRANSLATOR ACCESS CKT

N SO UZ MKB3(-) 10T 9 SO ( ) (6) KCS

N MKB(-) 1 ( ) (187) ( ) (6)

MASTER TEST CONTROL CKT

TI KCS4 -48

CSU SW ALL 0-9 KCSO -48

CST SW ALL 0-9 KCSI -48

CSU SW ALL 0-9 KCS2 -48

CSGA,B L KEY KCS5 -48

L MKAI(-) 2T 1 ( ) (6) NG

L MKB(-) 10 ( ) (187) NG

NUMBER GROUP CONNECTOR CKT OR NUMBER GROUP & CONNECTOR CKT

TABLE I, IA, IB OR IE

SCAN REL OA,OB

NGCT 0-3

DIRECT ACCESS PRETRANSLATOR CONNECTOR CKT

MCD-A DAC

MCD-B

MCD-A DAC-A

MCD-B DAC-B

L MKAI(-) 4T 3 ( ) (6) NGI

L MKB(-) 11 ( ) (187) NGI

NUMBER GROUP CONNECTOR CKT OR NUMBER GROUP & CONNECTOR CKT

NGC 0-9

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

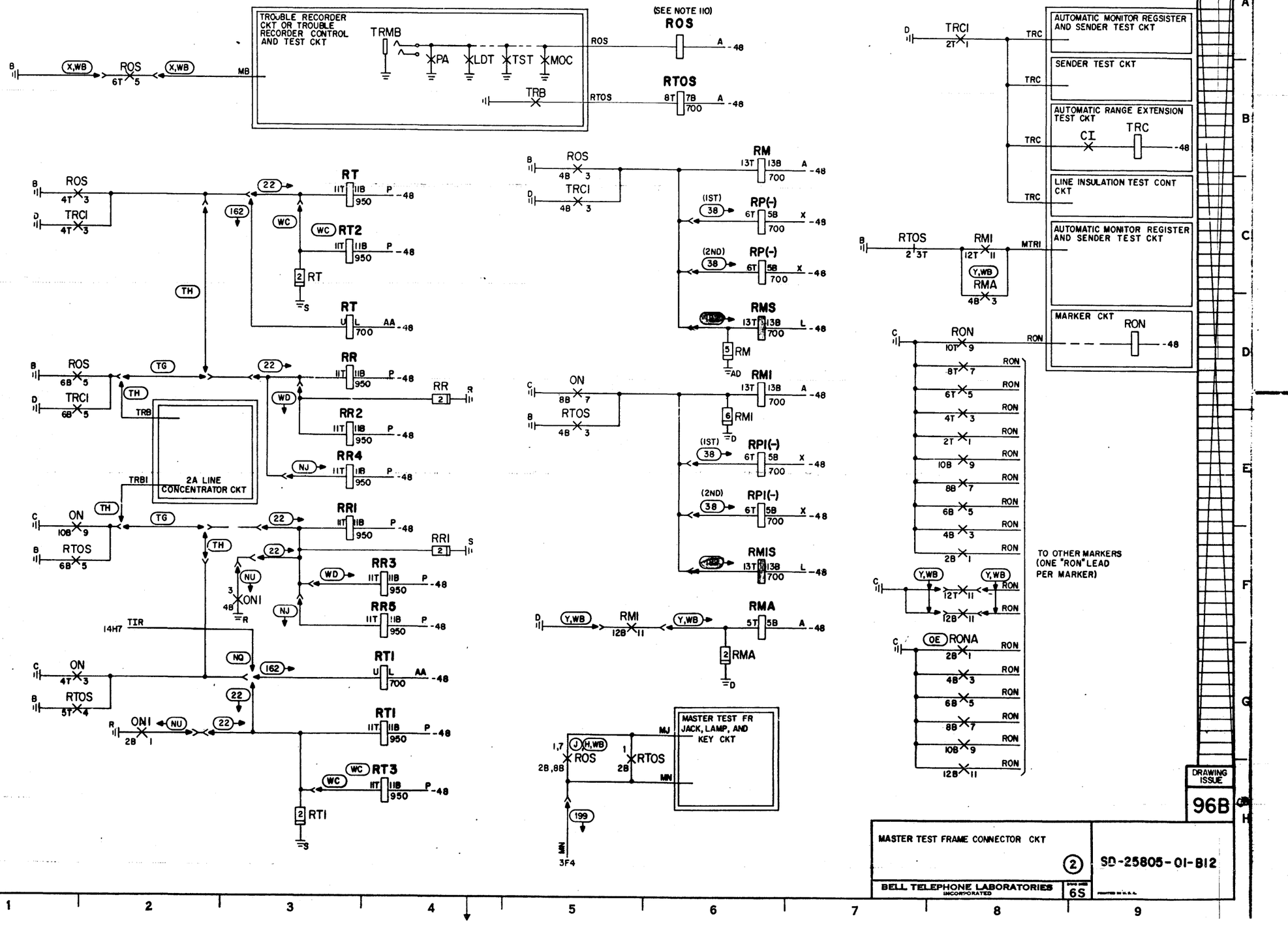
SD-25805-01-BII

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-BII

PART OF FS 14

TROUBLE RECORDER BUSY OR OUT-OF-SERVICE



DRAWING ISSUE 75D

DRAWING ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

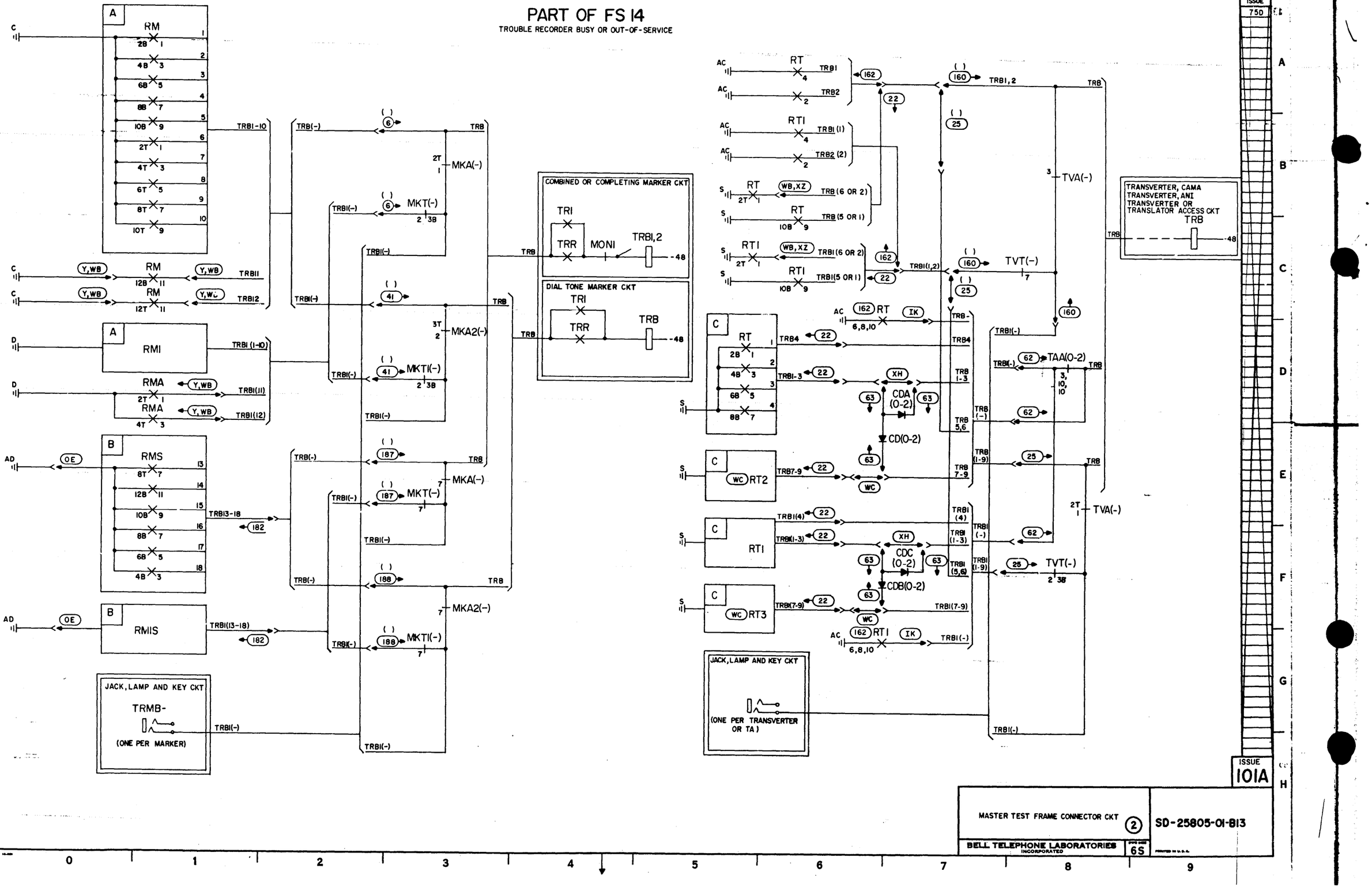
(2) SD-25805-01-812

BELL TELEPHONE LABORATORIES INCORPORATED

6S

PART OF FS 14

TROUBLE RECORDER BUSY OR OUT-OF-SERVICE



PART OF FS 14

TROUBLE RECORDER BUSY OR OUT-OF-SERVICE

TRUNK CONTROL CKT

AUTOMATIC MESSAGE ACCOUNTING RECORDER CKT

MASTER TEST FR JACK, LAMP & KEY CKT (ONE PER RECORDER)

PRETRANSLATOR CKT

MASTER TEST FR JACK, LAMP & KEY CKT (ONE PER PRETRANSLATOR)

MASTER TIMING CKT (EVEN)

MASTER TIMING CKT (ODD)

MASTER TIMING CKT (MAG AMA)

JACK, LAMP & KEY CKT

RECORDER & RECORDER CONTROL CKT

SENDER TEST CKT

AUTOMATIC RANGE EXTENSION TEST CKT

STUCK SENDER TRUNK IDENTIFIER CKT

AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT

ROUTE TRANSLATOR CKT 0

ROUTE TRANSLATOR CKT 1

TEST CONNECTOR CKT FOR ACD

JACK, LAMP & KEY CKT FOR ACD

MASTER TEST FRAME CONNECTOR CKT (2)

DRAWING ISSUE 75D

DRAWING ISSUE 79D

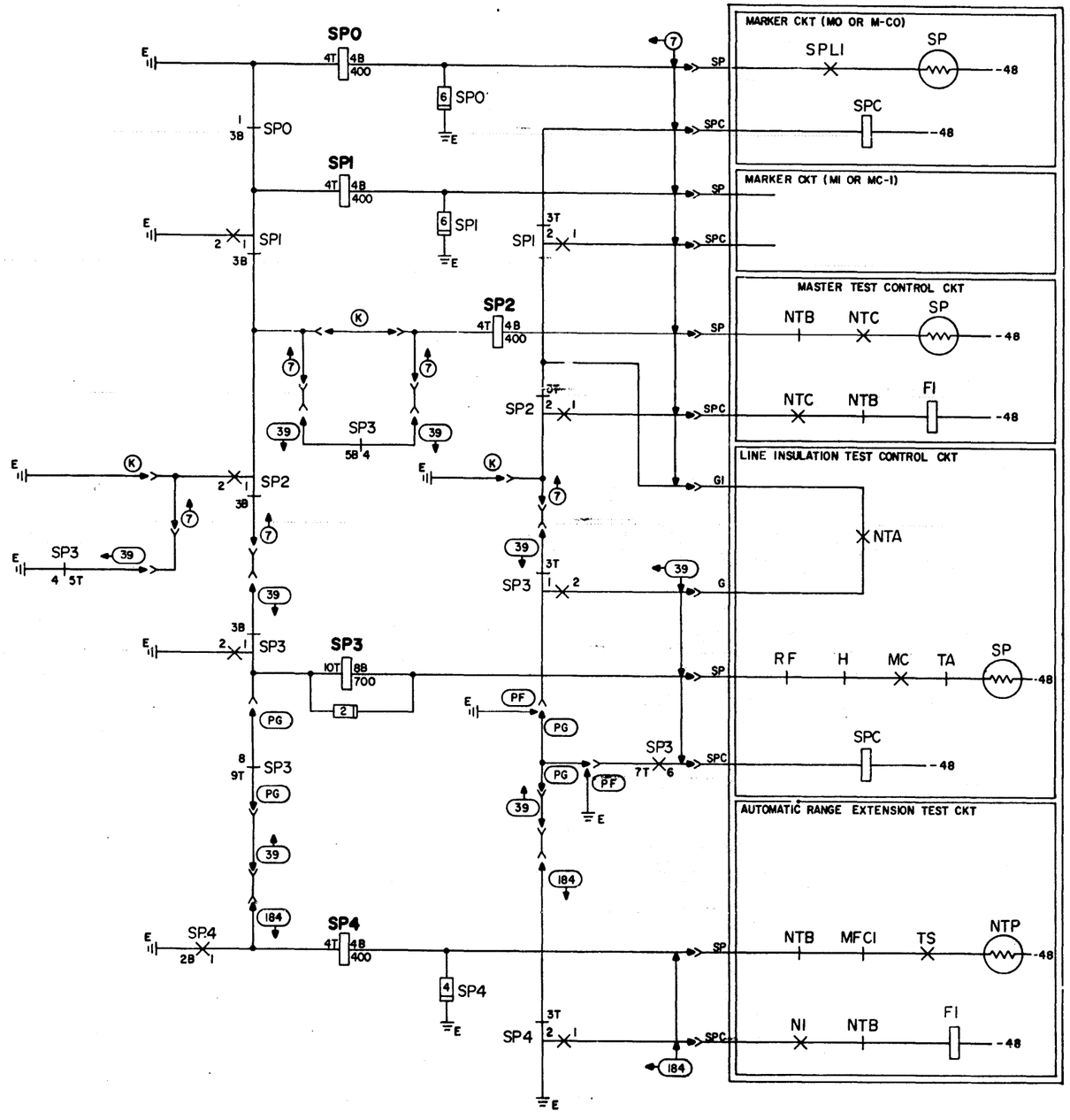
SD-25805-01-B14

BELL TELEPHONE LABORATORIES INCORPORATED

6S

FS 15

NO TEST CONNECTOR PREFERENCE



MASTER TEST FRAME CONNECTOR CKT	(2) SD-25805-01-815
BELL TELEPHONE LABORATORIES INCORPORATED	DWG SIZE 6S

DRAWING ISSUE 75D

ISSUE 79D

SD-25805-01-815

FS 17
COMBINED OR COMPLETING MARKER CONNECTOR

FS 16
CONNECTOR RELAY CONTROL

TO OTHER APP FIGURES 6

3G3

MKB(-) 10T 9

MKA(-) 4T 3

A5

MKA(-) 11B 10 A4

MKA(-) 9B 8 A3

MKA(-) 7B 6 A2

MKA(-) 5B 4 A1

MKA(-) 2B 1 A0

A0-4

A0-3

MKBI(-) 1-5

P2

A10,11

A7-9

A5,6

A2-4

A0,1

MKAI(-) 10B 9 A4

MKAI(-) 8B 7 A3

MKAI(-) 6B 5 A2

MKAI(-) 4B 3 A1

MKAI(-) 2B 1 A0

MA(-) MB(-) MTC(-) TO MINI-ROTL INTERFACE CKT

A4	CNG	27A1
A3	FRG	27A6
A2	RGG	28B1
A1	CNG	27E1
A0	FRG	27A6
A4	CNG	27E6
A3	FRG	27E1
A2	RGG	27E6
A1	CNG	28B1
A0	FRG	27A1

CIC 11B 10

CIC 6B 5

CIC 4B 3

CIC 2B 1

TS 8B 7

TS 5B 4

MKBI(-) 8B 7

MKBI(-) 6B 5 C2

MKBI(-) 4B 3 C1

MKB3(-) 12T 11

MKBI(-) 2B 1 C0

MKB3(-) 8T 7

MKBI(-) 4T 3

MKB3(-) 6T 5

MKBI(-) 2T 1 T0

C3

C0-2

C5-7

C3,4

C0-2

MKBI(-) 13-15

MKBI(-) 11,12

MKB(-) 12B 11

B5

B0-3

B8,9

B5-7

B3,4

B0-2

P1

P0

TO,1

T2,3

TO,1

MKBI(-) 6-9

DRAWING ISSUE 75D

DRAWING ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2)

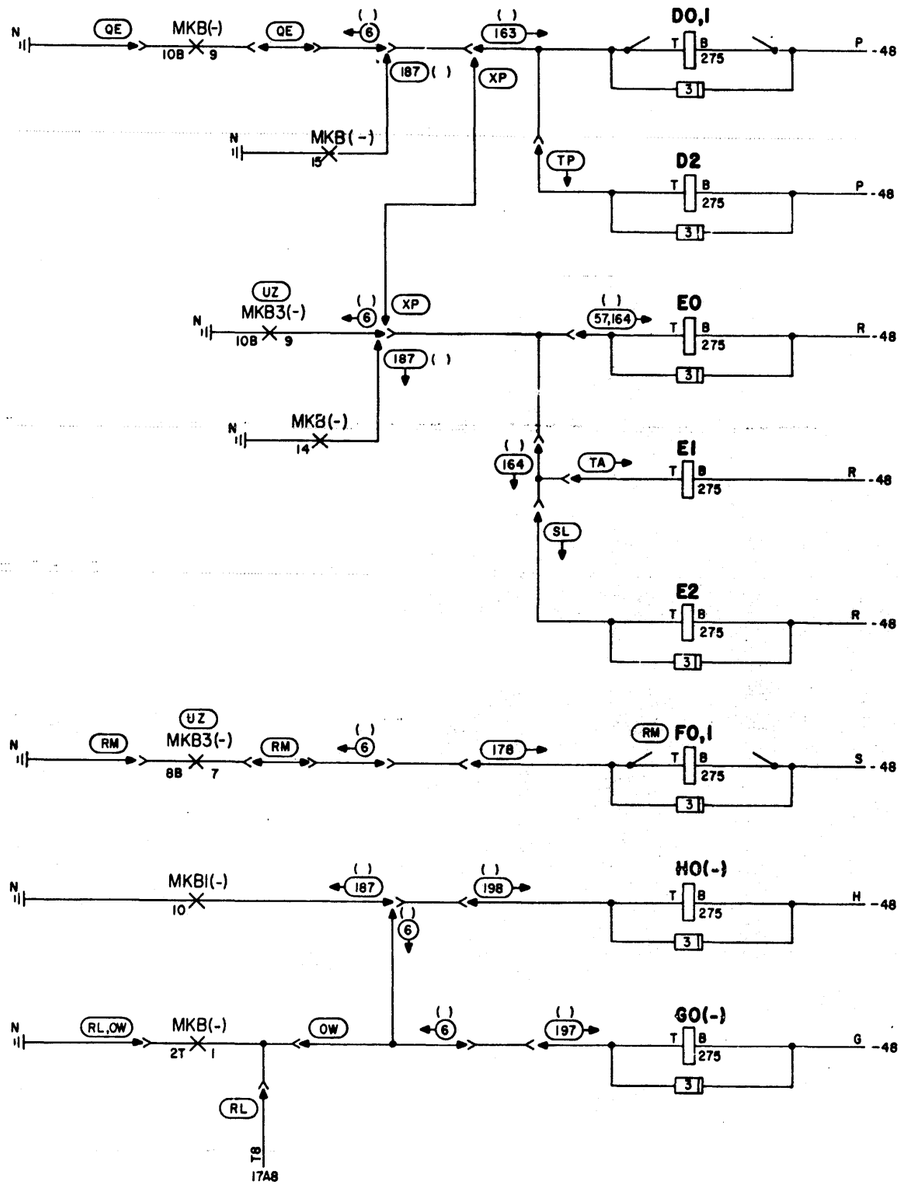
SD-25805-01-B16A

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-B16A

FS 18
COMPLETING MARKER CONNECTOR



DRAWING ISSUE 75D

DRAWING ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B16B

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

SD-25805-01-B16B

FS 19
DIAL TONE MARKER CONNECTOR

DRAWING ISSUE 75D

MKA2(-) 6B 5 — RN — A8 / RO
MKA2(-) 8B 7 — RN — A7 / RO
MKA2(-) 10B 9 — RN — A6 / RO

MKB2(-) 1 — A8, A7, A6 — A6-8
MKB2(-) 3 — T3
MKB2(-) 4 — T2 — T2,3
MKB2(-) 5 — C5
MKB2(-) 6 — C4 — C4,5

TO OTHER APP FIGURES 188
TO OTHER APP FIGURES 41

TS 8B 7 — T1
TS 5B 4 — T0
CIC 4B 3 — CI
CIC 2B 1 — CO
16A/B4-D4

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (1NTF)

MKB2(-) 4B 3 — T3, T2,3
MKB2(-) 6B 5 — T2
MKB2(-) 8B 7 — C5
MKB2(-) 10B 9 — C4, C4,5

MKB2(-) 12T 11 — UI,XT — XS
MKB2(-) 2B 1
MKB2(-) 2

A6-8 — T T, B B 275 275 — -48
A17 — A8 — T B 275 D -48 — 3
A14-16 — A7 — T B 275 C -48 — 3
A12,13 — A6 — T B 275 C -48 — 3

XT B6 — T T, B B 275 275 — -48
B4 — T T, B B 275 275 — -48
B10-12 (SEE NOTE 1) — T B D -48 — 3

N RL,OW MKB(-) 2T 1 RL — 16B/HI
T8 RL — 11T 98 700 8 -48

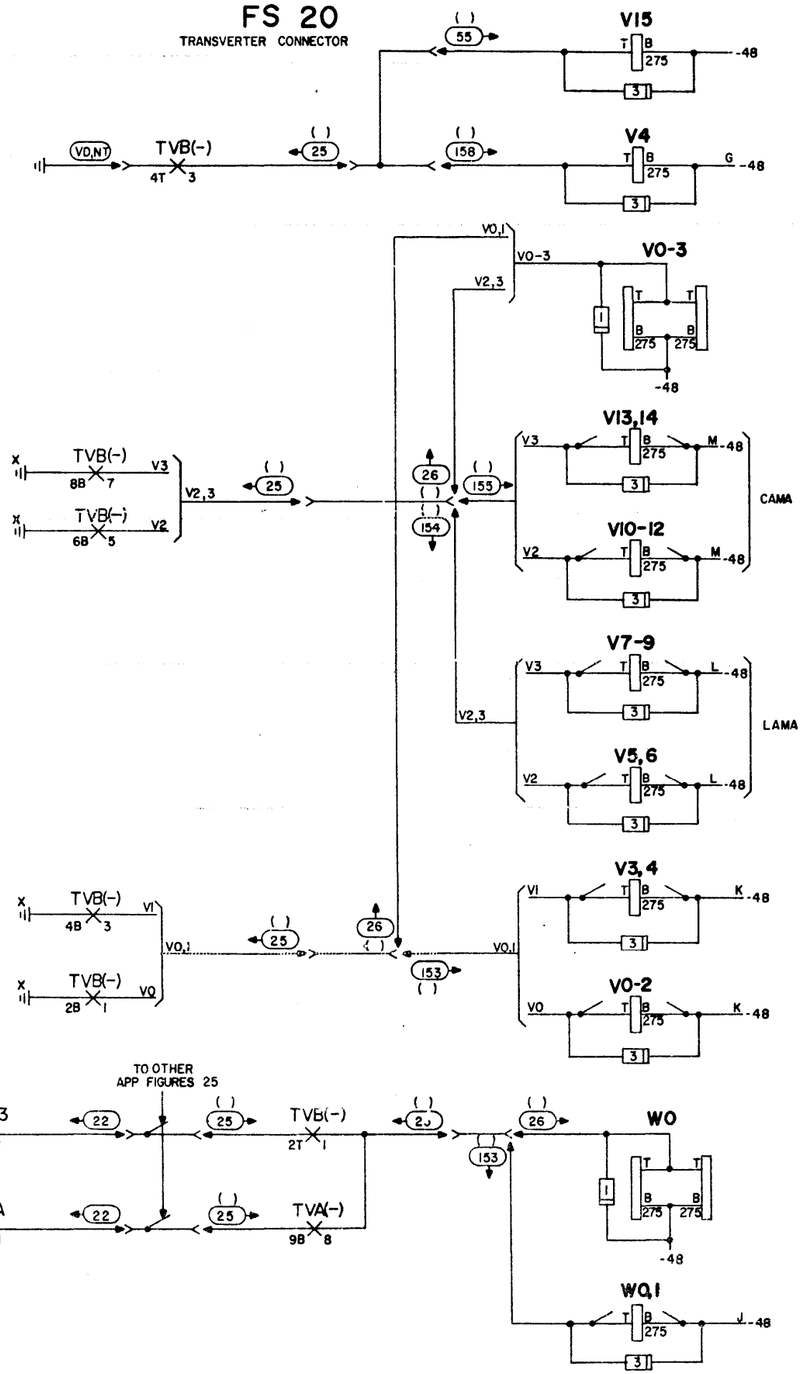
T2,3 — T T, B B 275 275 — -48
T6,7 — T3 — T B 275 F -48 — 3
T4,5 — T2 — T B 275 F -48 — 3
C4,5 — T T, B B 275 275 — -48
C11 — C5 — T B 275 E -48 — 3
C8-10 — C4 — T B 275 E -48 — 3

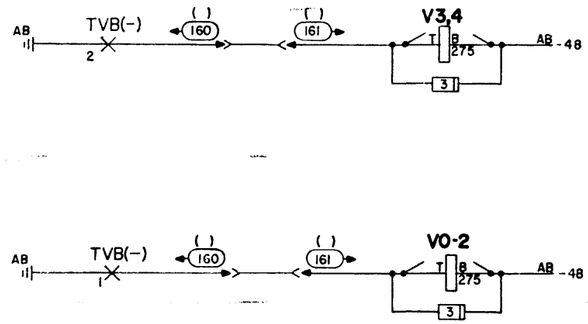
NOTES:
1. RELAY (B12) IS USED WITH A SUPL DIAL TONE MARKER FRAME ONLY.

DRAWING ISSUE 96B

MASTER TEST FRAME CONNECTOR CIRCUIT (2) — SD-25805-01-B17

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DRAWING ISSUE 75D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-BIB

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-BIB

FS 22

AMA RECORDER AND MASTER TIMING CIRCUIT CONNECTOR

DRAWING ISSUE 75D

MASTER TIMER (EVEN)

MTE (23) RTIE — PLXE — RT3E — MTE 2T 1

RCE

RCO — RT30 — MTE 5T 4

RCE — RT3E — MTO 2T 1

RCO

PLXO — RT30 — MTO 5T 4

MASTER TIMER (ODD)

MTO (23) RT10

RTE — T B 275 N -48 — 3

RTEI — 13T 138 700 P -48

RTEA — T B 275 N -48 — 3

RTE — T T B B 275 275 — 1 — (YM,YN) W -48

RTO — T B 275 N -48 — 3

RTOI — 13T 138 700 P -48

RTOA — T B 275 N -48 — 3

RTO — T T B B 275 275 — 1 — (YM,YN) W -48

MTE (23) 9T 8 — (28) TXE 11T 11B 950 P -48

TXEI 11T 11B 950 P -48

MTO (23) 9T 8 — (28) TXO 11T 11B 950 P -48

TXOI 11T 11B 950 P -48

TO OTHER EVEN APP FIGURES 24

TO OTHER ODD APP FIGURES 24

RC(-) 7T 6

(23) (28) (24) (27) (156) (JC)

TBLE

AMA RECORDER AND RECORDER CONNECTOR CKT (EVEN)

TBLO

AMA RECORDER AND RECORDER CONNECTOR CKT (ODD)

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-819

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-819

FS 23
TROUBLE RECORDING
SCANNING OPERATION

DRAWING ISSUE 750

TROUBLE RECORDER CKT
OR
TROUBLE RECORDER
CONTROL AND TEST CKT

PERFORATOR

K8 CAM — S8
K- CAM — S-
KI CAM — SI
INT — TST2 — SO
TST3
RTI
ST
MCO
MCOR KEY
PAI

RO-8 T B 120 120 MO-8 -48
(YW,YX) SO-8 T B 120 120 MO-8 -48
SO-8
10
152
RO-8 T B 275 3 K OR U -48
RAO-8 T B 275 K OR U -48
SO-8 T B 275 3 K OR U -48
SAO-8 T B 275 K OR U -48
(UO,UI) ABO-8 U L 400 K OR U -48
UO,UI

TO CONNECTIONS AS SHOWN IN TABLE I

CROSS CONNECT AS SHOWN IN TABLES IA, IB OR IE

RO-0 TO RO-59 / R8-0 TO R8-59
SO-0 TO SO-59 / S8-0 TO S8-59
RO-00 TO RO-54 / R8-00 TO R8-54
RAO-00 TO RAO-54 / RA8-00 TO RA8-54
SO-00 TO SO-54 / S8-00 TO S8-54
SAO-00 TO SAO-54 / SA8-00 TO SA8-54
RO-A / R8-A
RAO-B / RA8-B
SO-A / S8-A
SAO-B / SA8-B

0-59 RO-8
0-59 SO-8
00-04, 10-24, 30-34, 40-44, 50-54 RO-8
00-54 RAO-8
00-54 SO-8
00-54 SAO-8
10 AB 0-8
11 AB 0-8
2 AB 0-8
3 AB 0-8
0-3

MULT TO LIKE NUMBERED CONTACTS OF OTHER DESIGNATED RELAYS

90-119
60-119
60-89
30-59
0-59
0-29
152
10

BW0 BW29 BW30 BW59 BW60 BW89 BW90 BW119 BWX0 BWX3

TROUBLE RECORDER CONTROL AND TEST CKT OR TROUBLE RECORDER CKT

TO IXO-3 INTERPOSER MAGNETS
COMMON SHAFT
PUNCHING CAM 60 OR 62 ON COMMON SHAFT
2 ROWS PUNCHED SIMULTANEOUSLY
I60 -48
I119 -48
COMMON SHAFT
I0 -48
I59 -48
INTERPOSER MAGNETS
SINGLE-SIDED CARD
CARD MOTION
XO X2 XI X3
0 29 30 59
00 54 A 00 54
S SA R RA
8 0 8 0

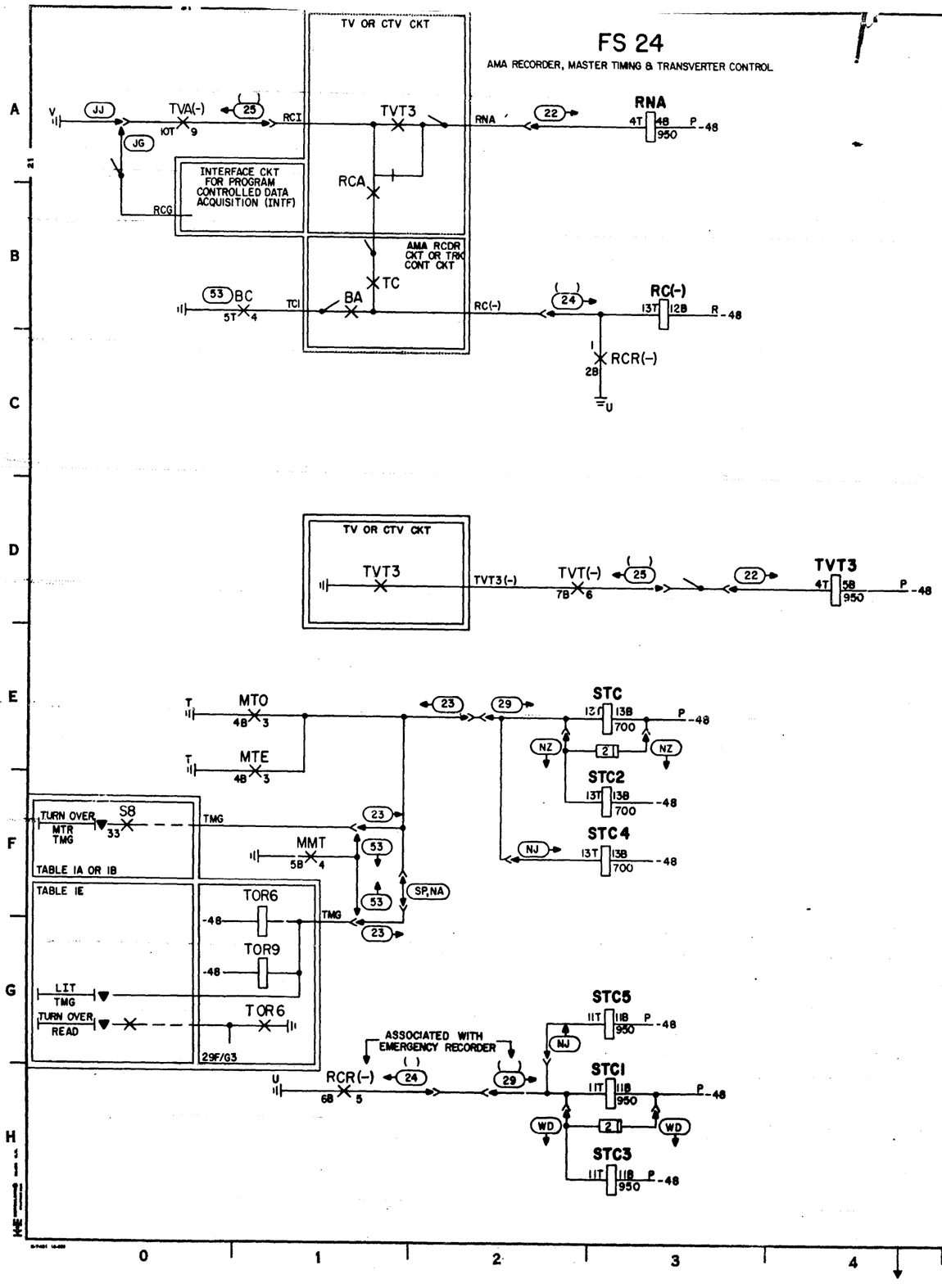
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-820
BELL TELEPHONE LABORATORIES INCORPORATED
6S

A B C D E F G H
0 1 2 3 4 5 6 7 8 9

FS 24

AMA RECORDER, MASTER TIMING & TRANSVERTER CONTROL



DRAWING ISSUE 75D

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-821

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 6S

SD-25805-01-821

FS 25

XTL & XTC PUNCH GENERATION

TRUNK CONTROL CKT

XTL
XTL
XTC
XTC

AMA RECORDER AND RECORDER CONNECTOR CKT (EVEN MULTS)

XTL
XTL
XTC
XTC

RTE 46
RTEA 41
RTE 48
RTEA 44
RTE 49
RTEA 43

AMA RECORDER AND RECORDER CONNECTOR CKT (ODD MULTS)

XTL
XTL
XTC
XTC

RTO 46
RTOA 41
RTO 48
RTO 49
RTOA 44
RTOA 43

(27) TABLE I OR IB
(156) TABLE IA, IB OR IE

XTL (30) 4T 3B 700 P -48

XTC (30) XTL 2 3T (30) (10) XTL

XTC2 (30) WP WQ (30) (10) XTC

(27) (156)

(152)

TABLE I

RI 47 ▼ XTL

RI 48 ▼ XTC

TABLE IA OR IB

XTL E302 SA7 32 ▼ LKI XTL

XTC E387 SA7 33 ▼ DCT2 XTC

TABLE IE

SA6 32 ▼ RUKI XTL

SA6 33 ▼ TSK XTC

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

6S

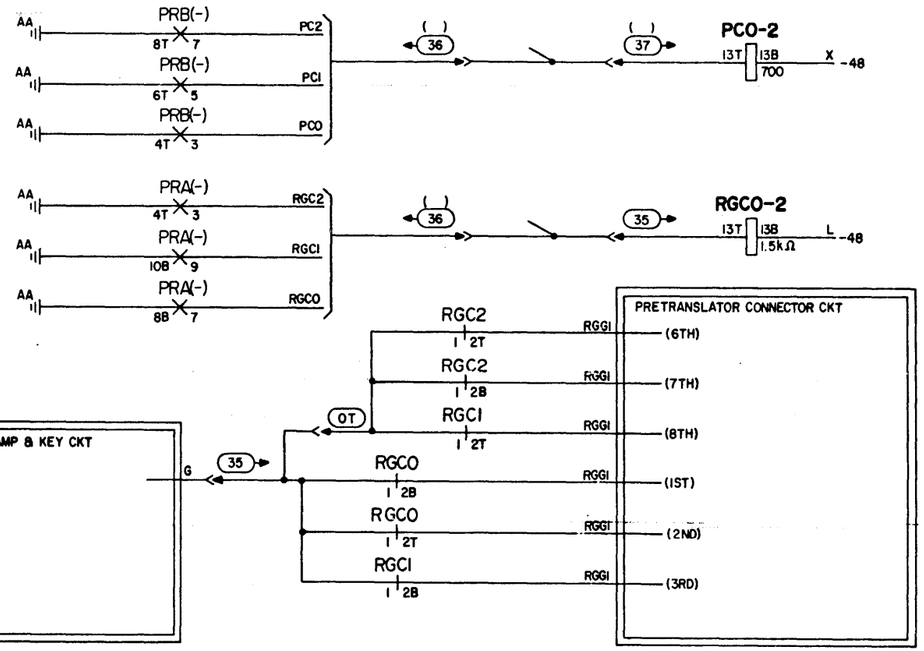
SD-25805-01-B22

ISSUE 96B

DRAWING ISSUE 750

FS 26

PRETRANSLATOR CONTROL



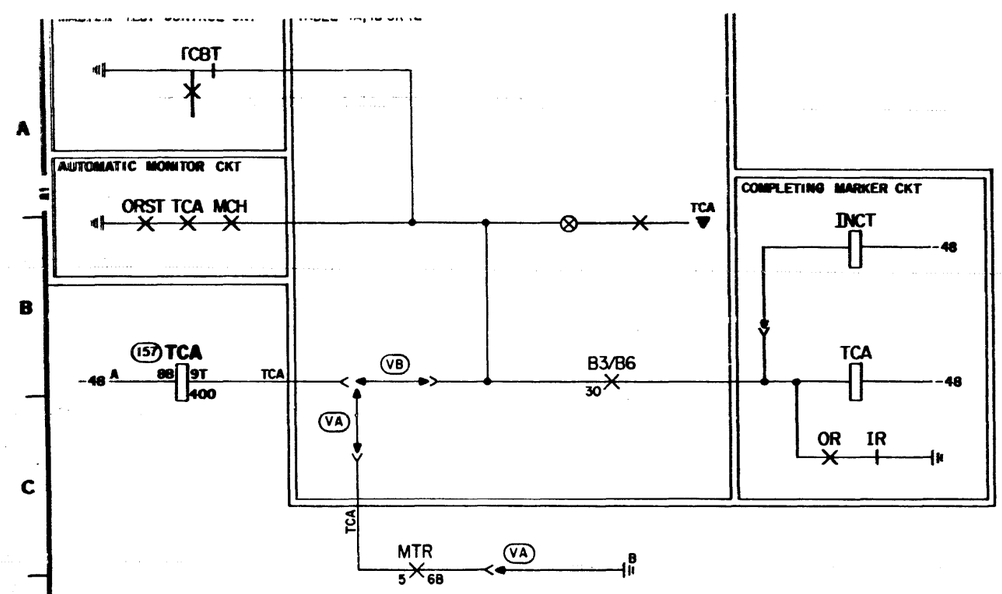
DRAWING ISSUE 750

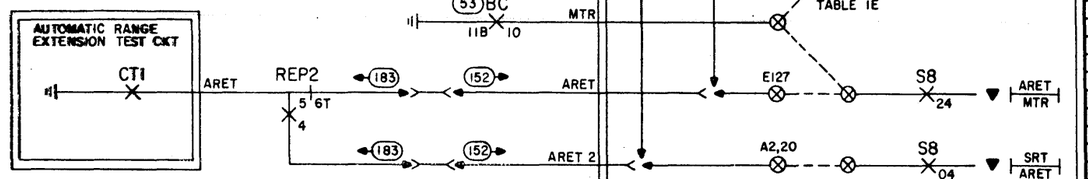
75

MASTER TEST FRAME CONNECTOR CKT ② SD-25805-01-B23

BELL TELEPHONE LABORATORIES INCORPORATED 6S

FS 27
TRUNK CLASS EXPANSION ARET & MTR PUNCH





DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-824

BELL TELEPHONE LABORATORIES INCORPORATED

SECT 65

SD-25805-01-824

FS 28
REPEATING RELAYS

DRAWING ISSUE 75D

TABLE 1, 1A OR 1B

TABLE 1, 1A, 1B OR 1E

TABLE 1A, 1B OR 1E

JM MTRA 13T 38 700 (11) JN MTR 8B 7 JM A -48 (166)

JM MTRA R U L 700

W (WA) R (WB) SEF 4T 38 700 (11) JN MTR 8 9T SEF (166)

SEF R 2U 1U 640

FOR TABLE 1

EXB J 4T 38 700 (45)

TROUBLE RECORDER CONTROL AND TEST CKT EX 47 R5 (45) EXB 2 3T J

EXB 46 C1 EXB; EXG 47 C1 EXG — COMBINED OR COMPLETING MARKER

EXB 46 C5 EXB; EXG 47 C5 EXG — DIAL TONE MARKER

(NO) EXB; (NO) EXG — TEST CONNECTOR CKT FOR ACD

EXB 6 V2 EXB; EXG 7 V2 EXG — TRANSVERTER CONNECTOR

FOR TABLE 1A;1B OR 1E

FOR TABLE 1A OR 1E
FOR TABLE 1B ONLY

EXB R 1L 2L 640 (166)

TROUBLE RECORDER CONTROL AND TEST CKT EX 51 RA1 C3,41 (166) EXB 2 J

EXB 41 C3 EXB; 46 C1 EXB; 42 C3 EXG; 47 C1 EXG — COMBINED OR COMPLETING MARKER

EXB 41 C11 EXB; 46 C5 EXB; 42 C11 EXG; 47 C5 EXG — DIAL TONE MARKER

(NO) EXB; (NO) EXG — TEST CONNECTOR CKT FOR ACD

EXB 12 V2 EXB; EXG 13 V2 EXG — TRANSVERTER CONNECTOR OR CAMA TRANSVERTER

EXB 6 V2 EXB; EXG 7 V2 EXG — TRANSVERTER CONNECTOR

FOR TABLE 1B ONLY

K CHO-9 2T 1 (12) CHAO-9

F HNO-9 2B 1 (11) HNAO-9
F HNO-9 1(EVEN) 10(ODD) (166)

G TO-9 2B 1 (11) TAO-9
G TO-9 1(EVEN) 10(ODD) (166)

H UO-9 2B 1 (11) UAO-9
H UO-9 1(EVEN) 10(ODD) (166)

J JCO-9 2B 1 (11) JCAO-9
J JCO-9 1(EVEN) 10(ODD) (166)

W (WA) R (WB) SEF 2B 1 (11) SEFA
R SEF 10 (166)

J EF 2B 1 (11) EFA
R EF 1 (166)

J RF 2B 1 (11) RFA
R RF 10 (166)

F XSC 2B 1 (165) XSCA
F XSC 10 (166)

TABLE 1, 1A OR 1B

CHO-9 (1-10) (12) CHO-9 3T 1B 90 (1-10) (12) CHA

TABLE 1, 1A, 1B OR 1E

ODD RELAYS / EVEN RELAYS

HNO-9 1L 1U 2L 2U 640 — F 4T 3B 700 (11) HNO-9 (166)

TO-9 1L 1U 2L 2U 640 — G 4T 3B 700 (11) TO-9 (166)

UO-9 1L 1U 2L 2U 640 — H 4T 3B 700 (11) UO-9 (166)

JCO-9 1L 1U 2L 2U 640 — J 4T 3B 700 (1B) (11) JCO-9 (166)

JM MTRA JM — SEE TABLE A a b

EF 4T 3B 700 (1B) (11) EF (166)
JM MTRA JM — SEE TABLE A c
11 12T

EF 1L 2L 640 (1B) (11) EF
JM MTRA JM
11

RF 4T 3B 700 (1B) (11) RF (166)
JM MTRA JM
12B 11

RF 1U 2U 640 (1B) RF
JM MTRA JM
12

EF; RF — TO INTF CKT

XSC 4T 3B 700 (165)
XSC 1U 2U 640 (166) XSC

TABLE A

JC-	a	b	c
0	1	2T	1
1	2B	1	2
2	3	4T	3
3	4B	3	4
4	5	6T	5
5	6B	5	6
6	7	8T	7
7	8B	7	8
8	9	10T	9
9	10B	9	10

SL (JN) MTR 7T 6 (42) SL 4T 3B 700 A -48

(152,PM,TK)

SLA (42) SL 1 2B H

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B25

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PRINTED IN U.S.A.

FS 29

DISPLAY REGISTERED
(NUMBER OF CIRCUITS
CONNECTED TO TROUBLE RECORDER)

TO OTHER LIKE NUMBERED APP FIGURES ASSOCIATED WITH CIRCUITS HAVING SAME TENS OR UNITS DIGITS

AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT

DRO,1,2,3,4, 5,6,7,8,OR 9 — DRO-9 — (6) — MCA — MO-9 — -48

DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (187)

MKB(-) N 6T 5 — KS,RO — KT,RN — ID/A9

MKA1(-) N 12T 11 — KT,RN — KS,RO — DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (6) — 152 — DR(C0-C7)

MKB(-) N 18 — DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (187) — 152 — DR(C8-C11)

MKB2(-) M 16 — DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (188) — 152 — DR(D4,D5)

XS — UI,XT — MKB2(-) M 5T,8T 4,7 — DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (41) — 152 — DR(D0-D3)

DR — LINE INSULATION TEST

E360-369 — SEE NOTE 148

TVA1(-) V 2T 1 — DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (25) — 152

TVB(-) A35 00 — DRO-9 — 58,59

E35C-359 — TABLE IA OR IB — DRO-9 — S8 34, 40-44, 50-53 — DRO-9

TABLE IE

TVA1(-) AB 9 — DRO OR 1 — DRO-9 — (160) — 152

TO OFFICE TEST FR TROUBLE INDICATOR AND CONNECTOR CKT

DRO-9 -48 — DRO,1, 2,4,7 — S8 44, 50-53 — DRO,1,2,4,7

PRA(-) AA 4B 3 — DRO,1,2,3,4, 5,6,7,8, OR 9 — DRO-9 — (36) — 152

S7 31 — ITR DRT-DRAT 2

MTO T 6B 5 — DR — DRO-9 — (23) — 152

S7 32 — SOG DRT-DRAT 0

TABLE IA OR IB

MTE T 6B 5 — DR — DRO-9 — (23) — 152

TABLE IE

S7 33 — TER DRT-DRAI 1

E128

S7 41 — CAMA DRT-DRAT 2

E364

RC(-) U 9T 8 — WT — DRTO, DRT1, OR DRT2 — DRTO — (24) — 152

S7 42 — RSW DRT-DRAT 0

RNTO — TABLE I

RNT1

E385

S7 43 — ROA DRT-DRAT 1

DRT1 — (24)

DRT2 — (24)

E340-349 — TABLE IA OR IB

TABLE IE

RCO-9 U 1 2T — RCRO-9 2 3T 1 — DRO,1,2,3,4, 5,6,7,8 OR 9 — DRO-9 — (24) — 152

DRAO-9 -48 — DRAO,1 2,4,7

S7 34, 40-44, 50-53 — DRAO-9

DRAO,1,2,3,4, 5,6,7,8 OR 9 — DRAO-9 — (24) — 152

S7 44, 50-53 — DRAO,1,2, 4,7

DRA2-9 — (24)

DRAO,1 — (24)

DRAO,1 — 26B/B3

TABLE I

DRO-9 — S8 19-28 — DRO-9

DRA2-9 — S7 21-28 — DRA2-9

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

6S — 2

SD-25805-01-B26A

96B — DRAWING ISSUE

750 — DRAWING ISSUE

FS 29A

DISPLAY REGISTERED
(NUMBER OF CIRCUITS CONNECTED TO TROUBLE RECORDER)
MKR (DRTO, DRTI) AND EMG REC (DR, DRA) LEADS

TABLE I
F DRA 35A9

TABLE I
A DRT
DRT
C DRT
DRT
DRAO
26A/E9 DRAI
CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT
DRTO
DRTI
S7 19
S7 20
TR
DRT-DRA 0,1
Y QJ DRTO
Y QJ DRTI
MON

TABLE IA
A DRT
B DRT
C DRT
D DRT
F DR, DRA
TABLE IA
DRT (CO-C7)
DRT(C8-C11)
DRT(DO-D3)
DRT(D4, D5)
DR
DRA
CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT
DRTO
DRTI
E370
E371
E372
E373
E381
E383
S8 54
S7 54
TR
DRTO-DR EMG
DRTI-DRA EMG
OE, QJ
DRTO, I MON

TABLE IB
A DRT
B DRT
C DRT
D DRT
F DR, DRA
TABLE IB
CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT
DR
DRA
DRTO
DRTI
E381
E383
OE, QJ
DRTO, I MON
S8 54
S7 54
DRTO-DR EMG
DRTI-DRA EMG
TR

TABLE IE
A DRT
B DRT
C DRT
D DRT
F DR, DRA
TABLE IE
DRT (CO-C7)
DRT(C8-C11)
DRT(DO-D3)
DRT(D4, D5)
DR
DRA
CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT(SEE NOTE 1186)
DRTO
DRTI
E370
E371
E373
E372
E381
E383
DRTO, I MON
S8 54
DRTO-DR EMG
S8, A
AB8 2
DRTI
CM
S8 30
MKR-CM
DTM
S8 31
S7 54
MKR-DTM
LIO-DRA EMG
TR

N JQ 6 MKB(-) 4T 3 DRT A
N 187 MKB(-) 17 DRT B
M JQ XS, XT, UI MKB2(-) 41 7T, IOT 6,9 DRT C
M 188 MKB2(-) 17 DRT D
TO TABLE I, IA, IB OR IE
U 24 RC (EMER) 24 RCR (EMER) 1 2T 2 1 3T DRA F DR

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01	B26B

PART OF FS 30

CONNECTOR NUMBER

DRAWING ISSUE 75D

ISSUE 84A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B27

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B27

16A/E1

MKA(-) 11B 10 KS,RO KT,RN

MKAI(-) 4B 3

CNG

MKA(-) 10

MKA2(-) 4B 3

MKA2(-) 10

TVAI(-) 4B 3

TVAI(-) 4

MKA(-) 5B 4

MKAI(-) 10B 9

CNGI

MKA(-) 12

PRA(-) 10T 9

MKA(-) 9B 8

MKAI(-) 2B 1

MKA(-) 2B 1

MKAI(-) 8B 7

FRG

FRGI

MKA(-) 11

PRA(-) 8T 7

TVA(-) 2B 1

TVAI(-) 5

MKA2(-) 2B 1

MKA2(-) 9

OG

DTM-, TRC-

CM-, TRC-

ORIGINATING REGISTER MARKER CONNECTOR CKT OR ORIGINATING REGISTER MARKER CONNECTOR CKT (MARKER PART)

INCOMING REGISTER MARKER CONNECTOR CKT

LINE LINK MARKER CONNECTOR CKT

TRANSFER LINE LINK MARKER CONNECTOR CKT

OUTGOING SENDER CONNECTOR CKT OR OUTGOING SENDER CONNECTOR CKT (MARKER PART)

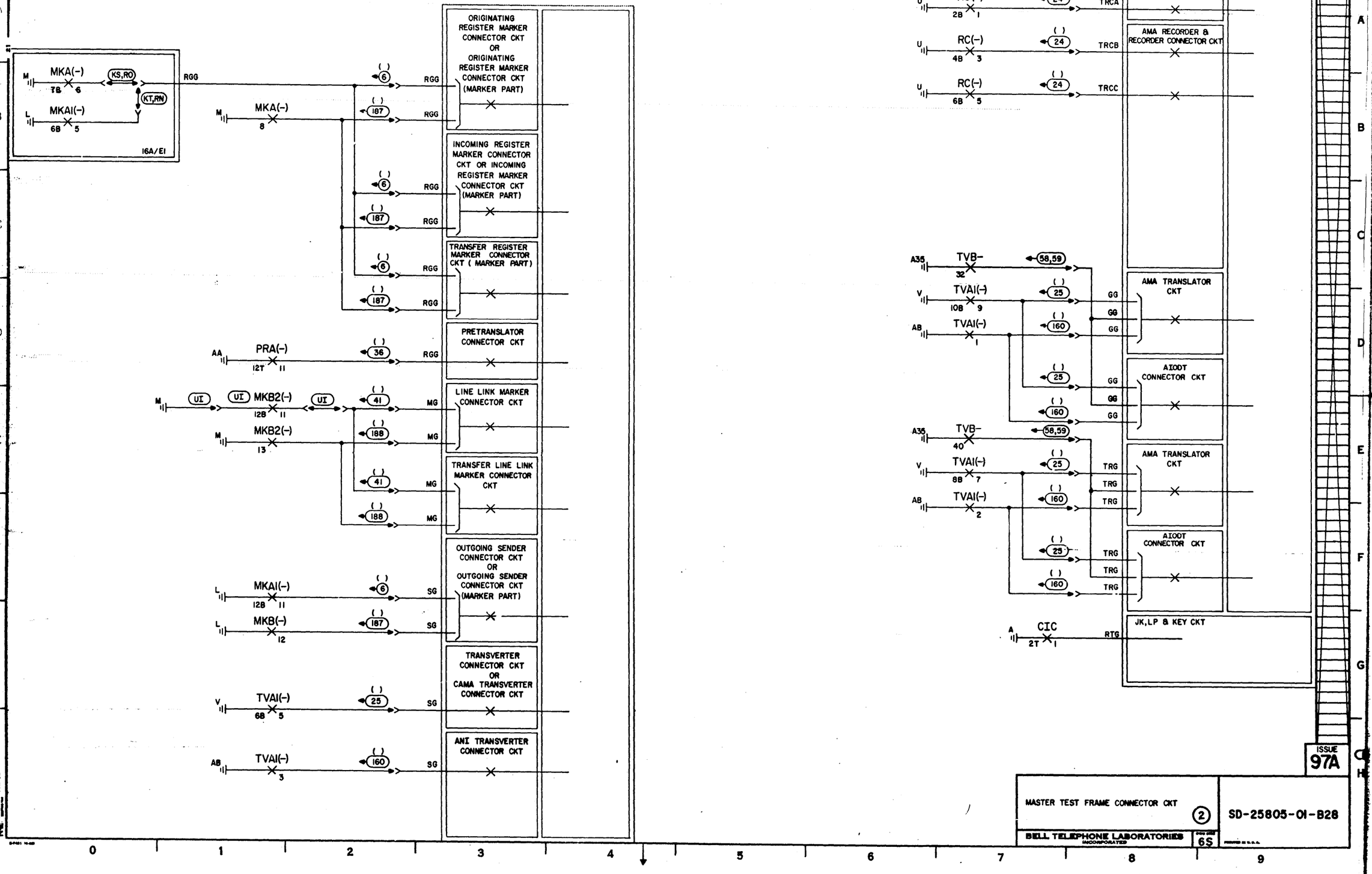
PRETRANSLATOR CONNECTOR CKT

TRANSVERTER CONNECTOR CKT OR CAMA TRANSVERTER CONNECTOR CKT

ANI TRANSVERTER CONNECTOR CKT

LINE, LINE LINK & CONNECTOR CKT OR LINE LINK CONNECTOR CKT

PART OF FS 30
CONNECTOR NUMBER



DRAWING ISSUE 75D

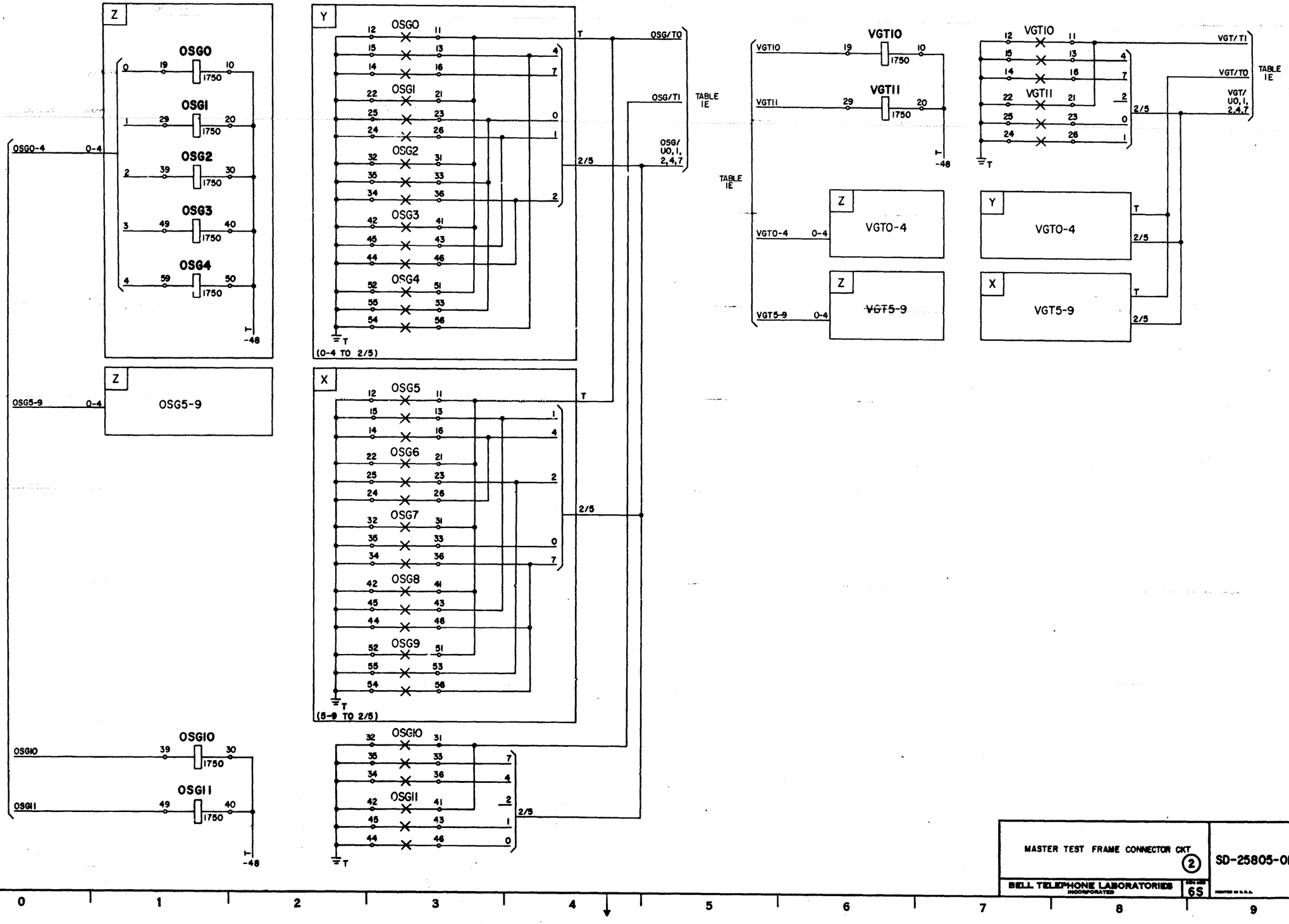
ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B28

BELL TELEPHONE LABORATORIES INCORPORATED 6S

(169) FS 31

CONVERSION FROM 1/12 TO 2/5



DRAWING ISSUE 750 (8)

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

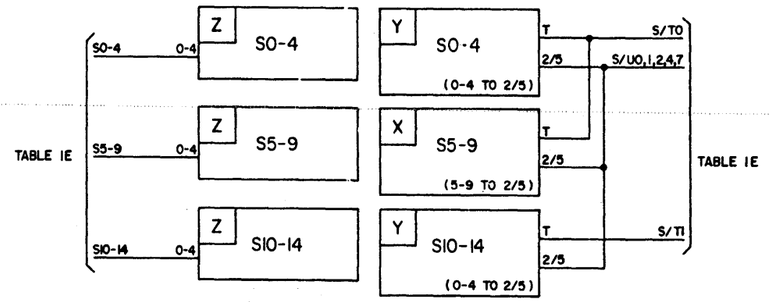
SD-25805-01-B29A

BELL TELEPHONE LABORATORIES INCORPORATED

6S

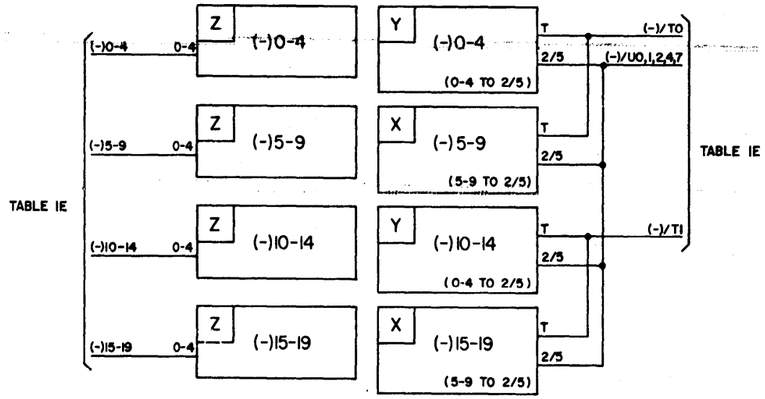
(170) FS 32

CONVERSION FROM I/15 TO 2/5
(SEE NOTE 1)



(171) FS 33

CONVERSION FROM I/20 TO 2/5
(SEE NOTE 1)

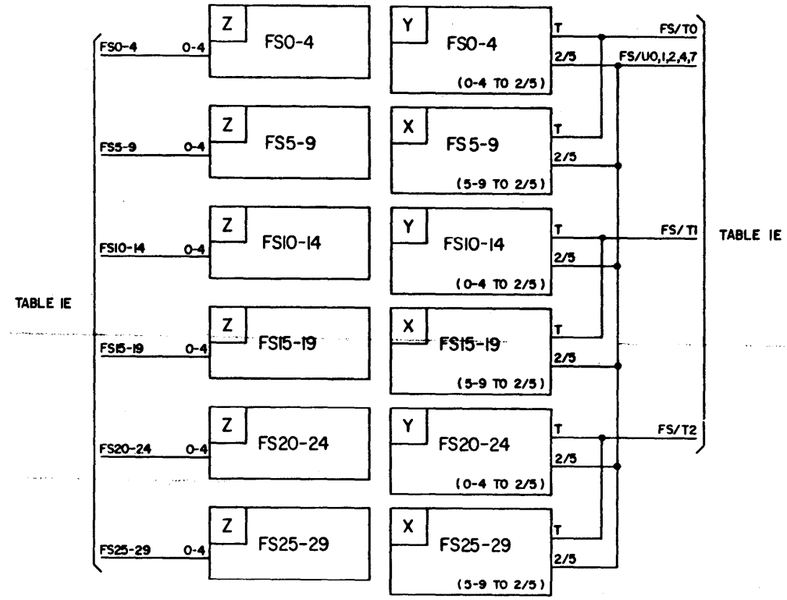


LEADS & RELAYS USING THIS CONVERSION

(-)
G
TG
TS

(172) FS 34

CONVERSION FROM I/30 TO 2/5
(SEE NOTE 1)



NOTES:

1. SEE SHEET B29A FOR DETAILS OF REPEATED CIRCUIT PATTERNS X, Y AND Z.

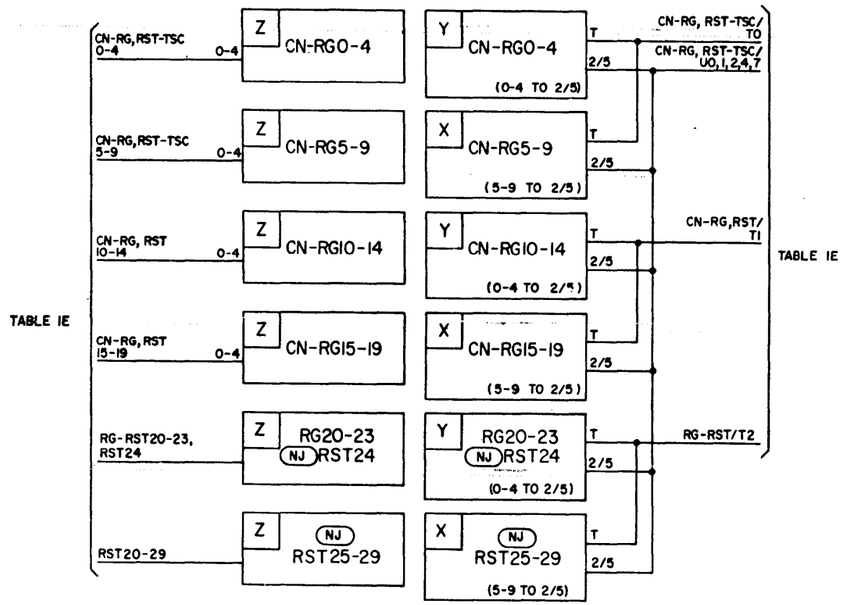
DRAWING ISSUE 75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-B29B
BELL TELEPHONE LABORATORIES INCORPORATED	6S

(173) FS 35

CONVERSION FROM 1/30 TO 2/5
(SEE NOTE 1)



NOTES:
1. SEE SHEET B29A FOR DETAILS OF REPEATED CIRCUIT PATTERNS X, Y AND Z.

DRAWING ISSUE 75D

DRAWING ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B29C

BELL TELEPHONE LABORATORIES INCORPORATED

6S

9638-10-60064-01

(174) FS 36

CONVERSION FROM 1/30, 1/60, AND 1/100 TO 2/5
(SEE NOTE 1)

TABLE IE CS0-29 SQ SR

CS0-4 0-4 Z CS0-4 — Y CS0-4 (0-4 TO 2/5) T 2/5 → CS/T0
CS5-9 0-4 Z CS5-9 — X CS5-9 (5-9 TO 2/5) T 2/5
CS10-14 0-4 Z CS10-14 — Y CS10-14 (0-4 TO 2/5) T 2/5 → CS/T1
CS15-19 0-4 Z CS15-19 — X CS15-19 (5-9 TO 2/5) T 2/5
CS20-24 0-4 Z CS20-24 — Y CS20-24 (0-4 TO 2/5) T 2/5 → CS/T2
CS25-29 0-4 Z CS25-29 — X CS25-29 (5-9 TO 2/5) T 2/5

CS0-4 0-4 Z CS0-4
CS5-9 0-4 Z CS5-9
CS10-14 0-4 Z CS10-14
CS15-19 0-4 Z CS15-19
CS20-24 0-4 Z CS20-24
CS25-29 0-4 Z CS25-29

W
15 CS0 13 — 14 16 — 25 CS1 23 — 24 26 — 35 CS2 33 — 34 36 — 45 CS3 43 — 44 46 — 55 CS4 53 — 54 56
4 7 0 1 2 → 2/5 → CS/T0,1,2,4,7
T (0-4 TO 2/5)

V
15 CS5 13 — 14 16 — 25 CS6 23 — 24 26 — 35 CS7 33 — 34 36 — 45 CS8 43 — 44 46 — 55 CS9 53 — 54 56
4 2 0 7 → 2/5
T (5-9 TO 2/5)

CS10-14 0-4 Z CS10-14 — W CS10-14 (0-4 TO 2/5) 2/5 → SQ → CS/U0,1,2,4,7 (SR)
CS15-19 0-4 Z CS15-19 — V CS15-19 (5-9 TO 2/5) 2/5
CS20-24 0-4 Z CS20-24 — W CS20-24 (0-4 TO 2/5) 2/5 → SQ → RTE 0,1,2,4,7
CS25-29 0-4 Z CS25-29 — V CS25-29 (5-9 TO 2/5) 2/5

0,1,2 SQ SR CS/T0,1,2
4,7 SQ CS/T4,7

TABLE IE

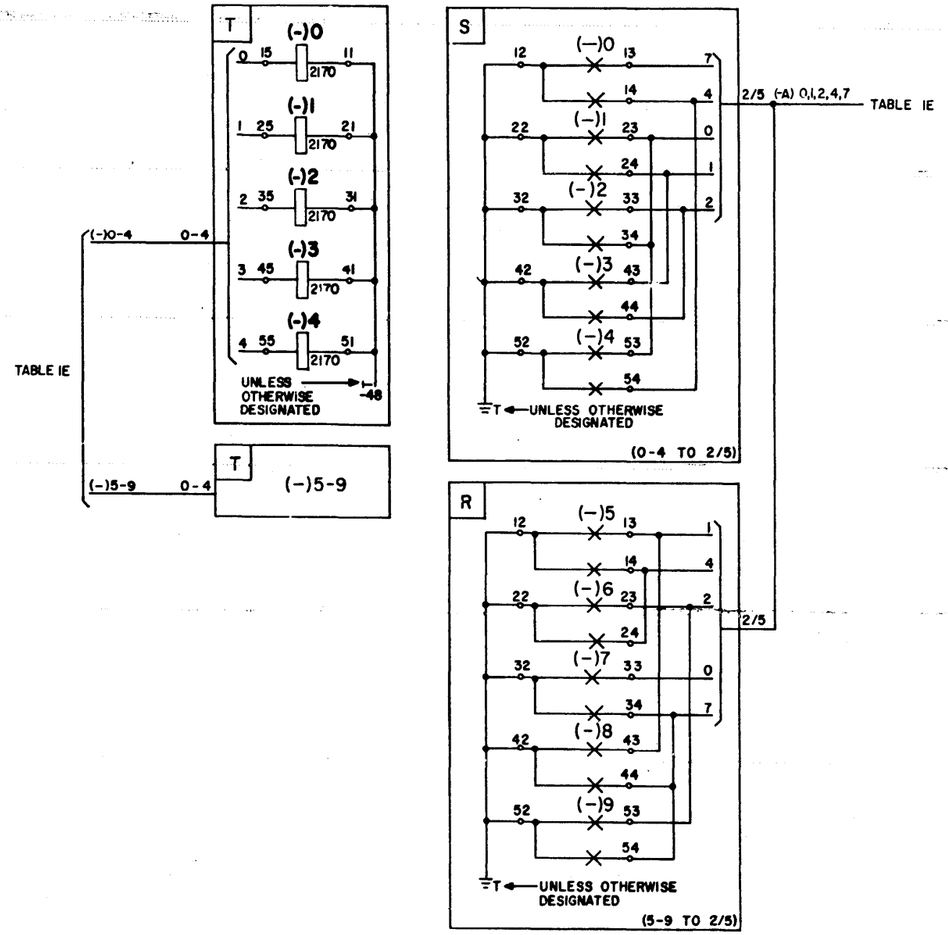
NOTES:
1 SEE SHEET B29A FOR DETAILS OF REPEATED CKT PATTERNS X, Y, & Z.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B29D

BELL TELEPHONE LABORATORIES INCORPORATED 6S

(179) FS 37
CONVERSION FROM 1/10 TO 2/5



(65,177) FS 38
CONVERSION FROM 1/10 TO 2/5

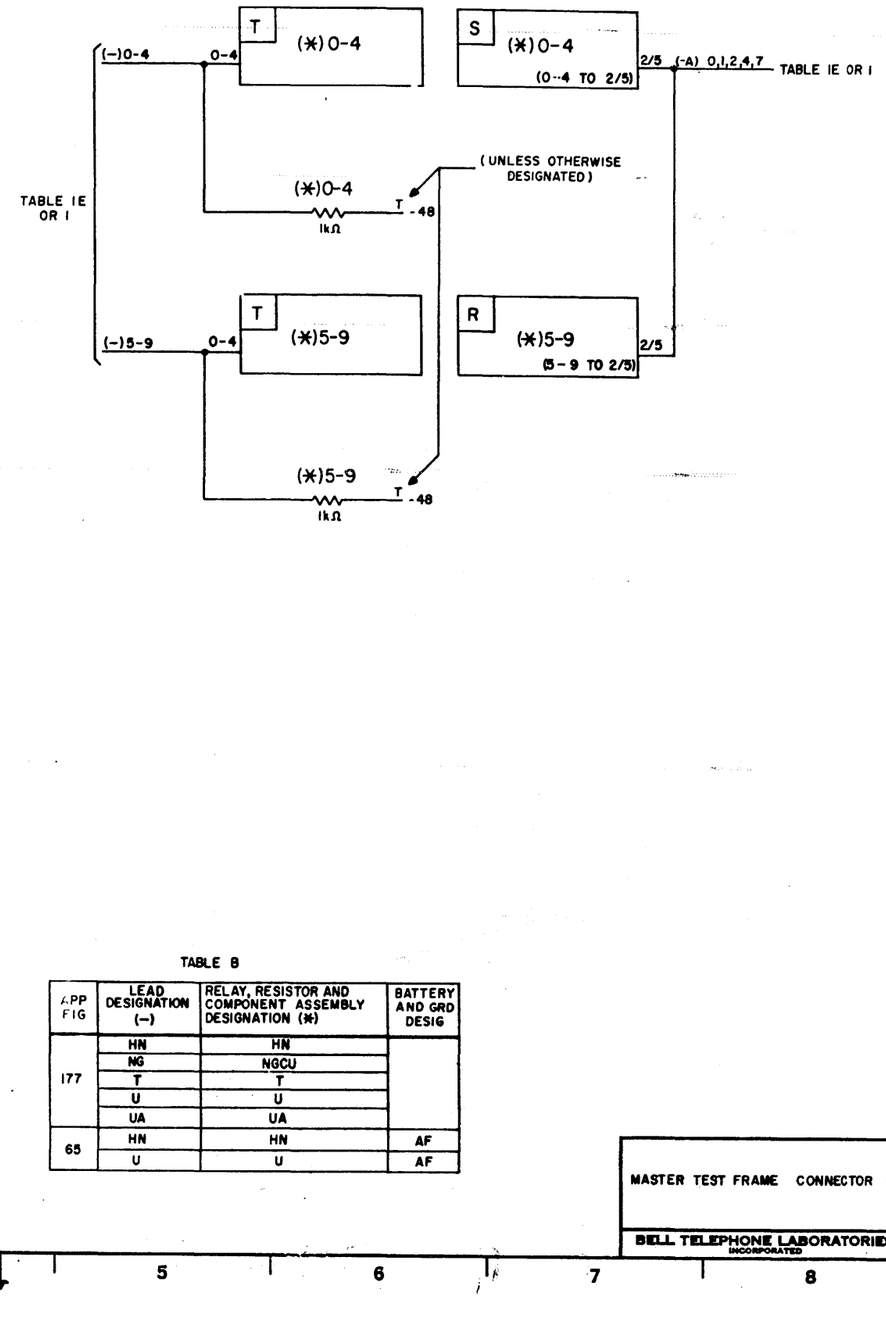


TABLE A

OPT	LEAD AND RELAY DESIGNATION (-)	BATTERY AND GROUND DESIGNATION
	CH	T
	DR	T
	D	T
	FUT	T
	HGT	T
	LC	T
	LV	T
	RN	T
	TB	T
PT	WCH	U
PT	WL	U
NA	FR	U

OPT	INPUT LEAD DESIGNATIONS	RELAY DESIGNATIONS	OUTPUT LEAD DESIGNATIONS	BATTERY AND GROUND DESIGNATIONS
NO	DRO-5	DRBO-5	DRO,1,2,4,7	U

TABLE B

APP FIG	LEAD DESIGNATION (-)	RELAY, RESISTOR AND COMPONENT ASSEMBLY DESIGNATION (*)	BATTERY AND GRD DESIG
177	HN	HN	
	NG	NGCU	
	T	T	
	U	U	
	UA	UA	
65	HN	HN	AF
	U	U	AF

DRAWING ISSUE 750

DRAWING ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-829E

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-829E

FS 39
TURNOVER PUNCH GENERATION

TORO
MIRA 15 11 2170
TORI
MORA 25 21 2170
TOR2
MOS 35 31 2170
TOR3
LIT 45 41 2170
TOR4
55 51 2170
-48

TABLE IE

MTR
MKT(-), MKT(-)
MKA(-), MKA2(-)
SP,NA
MKR 175
2G8

ARETI
RTA
BC 88 7
SC 5T 4
53 175
AA PRA(-) 6B 5
SP,NA PRB(-) 2B 1 SP,NA
( ) 36 175
( ) 36
PRT TO OFFICE TST FR TROUBLE INDICATOR & CONN CKT
36 ( )
10 PRT
152 PRT
TABLE I
S8 14 PRT
TABLE IA OR IB
TABLE IE
E59 S8-24 S8 24 PRT TURN OVER
E59 S8-20 S8 20 MOR PRT
2IFO,GI
T MTE 4B 3
T MTO 4B 3
SP,NA 23 TMG 175
MMT 53

TABLE IE
TORO 12 13 14
TORI 22 23 24
TOR2 32 33 34
TOR3 42 43 44
TOR4 52 53 54
T
175 MIR S8-21 S8 21 MIR TV
175 MOR S8-20 S8 20 MOR PRT
175 MOS/REC S8-22 S8 22 SSTI MOS REC
175 LIT/TMG S8-23 S8 23 LIT TMG
175 TOR2 S8-43 S8 43 READ TURN OVER
175 TORI S8-42 S8 42 TURN OVER READ

V SP,NA TVA(-) 2B 1 SP,NA ( ) 25 175
AB SP,NA TVA(-) 10 SP,NA ( ) 160 175

TOR5 15 11 2170
TOR6 25 21 2170
TOR7 35 31 2170
TOR8 45 41 2170
TOR9 55 51 2170
-48

CD TAA(0-2) 4,9,9 175 62

TOR5 12 13 14
TOR6 22 23 24
TOR7 32 33 34
T
TOR8 43 42 44
TOR9 53 52 54

U RC(-) 11B 10 RCR(-) 5T 4 ( ) 24 175 -175
10
152 REC S8-32 S8 32 TABLE IA OR IB TURN OVER REC
REC S8 17 TABLE I REC

ISSUE 75D
DRAWING ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B29F
BELL TELEPHONE LABORATORIES INCORPORATED 6S

FS 40
FALSE GROUND PROTECTION DIODES

GO-19 — LV — 54 GO-19 — LV — (GPO-19) — GO-19 — TO AMA TRANSLATOR CKT
LU

LX — 54 GRO-19 — LX — (GRO-19) — GO-19 — TO AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CKT
LW

TO TABLE I, IA, IB OR IE

GA — LV — 54 GA — LV — (GPA) — VH — GA — GA — TO AMA TRANSLATOR CKT
LU

LX — 54 GRA — LX — (GRA) — GO-19 — GA — TO AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CKT
LW

FOR TABLE I ONLY

GB — LV — 54 GB — LV — (GPB) — VH — GB — GB — TO AMA TRANSLATOR CKT
LU

LX — 54 GRB — LX — (GRB) — GO-19 — GB — TO AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CKT
LW

FOR TABLE I ONLY

FS 41
CONNECTING RELAYS FOR CDT

CALL DATA TRANSMITTER APPLICATION CKT

AG BG CG DG EG FG — A0
GA GB GC GD GE GF GH GJ — A1
GC GD GE GF GH GJ — A2
CGG CTG CUG GK GL GM — A3

CALL DATA TRANSMITTER APPLICATION CKT

ECTG ECUG FNG FTG FUG HNG — A4
MTG NRG OBG CEG OFFG OFTG — A5
RCG SPTG SPUG TFTG TFUG TG — A6
THG TMG TNTG TNUG UG VGG — A7

FOR TRANSLATOR ACCESS CKT

A35 — (58,59) TVB(-) — 50 — (60) V0 T B 275 — A33 -48
3
(60) V1 T B 275

FOR CDT APPLICATION CKT
(ONE PER CONTROLLER IST AND 2ND APP FIGURES 59 & 61)

A35 — (59) TVB — 51 — (61) V2 T B 275 — A33 -48
3
(61) V3 T B 275
3
(61) V4 T B 275

3RD TRANSLATOR ACCESS CKT

TRSTO — TVCOO — TVB(-) — 10 — (58)
TRSTI — TVCI O — TVB(-) — 01 — (58)

TO FIRST APP FIG 61
61
TO SECOND APP FIG 61

A35 — (59) TVB — 52 — (61) V5 T B 275 — A34 -48
3
(61) V6 T B 275
3
(61) V7 T B 275

TRSTO — TVCOI — TVB(-) — 11 — (58)
TRSTI — TVCII — TVB(-) — 02 — (58)

TO FIRST APP FIG 61
61
TO SECOND APP FIG 61

A35 — (59) TVB — 53 — (61) V8 T B 275 — A34 -48
3
(61) V9 T B 275

TRSTO — TVC02 — TVB(-) — 12 — (58)
TRSTI — TVCI2 — TVB(-) — 03 — (58)

TO FIRST APP FIG 61
61
TO SECOND APP FIG 61

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B296

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S — PRINTED IN U.S.A.

WB **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XRL / ITTR ▼	TR	SA5 44	A7 42	CM	XRL	150
			NO	TCC		
			TC	BI CTV	ITTR	152
XRS / RL ASP ▼	TR	SA6 44	TXE/TXO 5 6B	MT	ASP	28
			NT	MT	RL	
			A6 52	CM	XRS	150
XRS1 / RL1 DA ▼	TR	SA6 50	TXE1/TXO1 7 8B	MT	DA	28
			NT	MT	RL1	
			A6 53	CM	XRS1	150
XS / IC ▼	TR	SA5 20	V3 31	CTV TV	IC	153
			A6 31	CM	XS	150
			OG	CWL	XS	
XSC / MTFT ET ▼	TR	SA4 54	NT	MT	MTFT	
			TXE1/TXO1 5 6T	MT	ET	28
			TD	FS 28 25G4	XSCA	
XSC	FS 28 25H9	A9 41 TD		CM	XSC	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XSL / EOL TRL ▼	TR	SA6 41	V8 02	CDTA	TRL	61
			TY LQ RTEA/RTOA 20	TC		156
			V3 10	TV		153
			V3 24	ATV		161
			A7 44	CM	XSL	150
			AI7 44	DTM		151
			NO	TCC		
TRLA	ARET		NT	MT	EOL	
XT / IRY ▼	TR	SA5 31	V2 42	CTV TV	IRY	153
			A7 10	CM	XI	150
XT	MTC		WI 43 NX	CTV TV	XT	153
XT5 / BA ▼	TR	SA6 12	A6 40	CM	XT5	150
			V2 30 LI	TV	BA	153
			LQ RTEA/RTOA 04	TC		156
XTBI / PTI ▼	TR	SA6 20	LP RTEA/RTOA 53	AMAR	PTI	156
			WI 53 NX	CTV TV	PTI	153
			A6 33	CM	XTBI	150
PTI	MTC		NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XTC	FS 25 22E2		RTEA/RTOA 43	AMAR/ TC	XTC	156
XTC2	FS 25 22E2		RTEA/RTOA 44			
XTGI / DTN ▼	TR	SA6 21	LP RTEA/RTOA 51	AMAR	DTN	156
			WI 51 NX	CTV TV		153
			A7 34	CM	XTGI	150
			AI7 34	DTM		151
DTN	MTC		NO	TCC		
XTL	FS 25 25E2		RTEA/RTOA 41	AMAR/ TC	XTL	156
XTRK / - ▼	TR	SA5 41	A6 41	CM	XTRK	150
			AI6 41	DTM		151
			NO	TCC		
XTRL / - ▼	TR	SA5 42	A6 43	CM	XTRL	150
			AI6 43	DTM		151
			NO	TCC		
XTS / LC ▼	TR	SA6 31	RTE/RTO 01	AMAR	LC	156
			A7 13	CM	XTS	150
			AI7 13	DTM		151
			NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XTS1 / OOL TNK ▼	TR	SA6 42	NT	MT	OOL	
			VI 10	TA	TNK	60
			TY V3 12	TV		153
			V3 30	ATV		161
			A7 33	CM	XTS1	150
			AI7 33	DTM		151
			NO	TCC		
			A6 01 NR	AC	MCA	150
				AC	MCA	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
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LEGEND
(FOR TABLE IB)

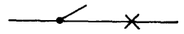
NOTES:

1.

ABBR	CONNECTING CKT
AIODT	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR
TC	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR
SC	SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING
AMAR	AMA RECORDER
AMAT	AMA TRANSLATOR
APTT	AUTOMATIC PROGRESSION TRUNK TEST
ARET	AUTOMATIC RANGE EXTENSION TEST
ATV	ANI TRANSVERTER
ATVC	ANI TRANSVERTER CONNECTOR
BDT	BILLING DATA TRANSMITTER
BI	BILLING INDEXER
C&C	CALENDAR AND CLOCK
CDTA	CALL DATA TRANSMITTER APPLICATION
CLVA	COMPUTER LINE VERIFICATION ACCESS
CM	COMBINED OR COMPLETING MARKER
CTV	CAMA TRANSVERTER
CTVC	CAMA TRANSVERTER CONNECTOR
CWL	CALL WAITING LINK
DAPC	DIRECT ACCESS PRETRANSLATOR CONNECTOR
DAS	DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS
DASC	DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE
DTM	DIAL TONE MARKER
ETSPD	ETS POWER AND DATA INTERFACE
FATC	FOREIGN AREA TRANSLATOR CONNECTOR
INTF	INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION
IR	INCOMING REGISTER
IRMC	INCOMING REGISTER MARKER CONNECTOR
IRMC-MP	INCOMING REGISTER MARKER CONNECTOR-MARKER PART
IRMC-RP	INCOMING REGISTER MARKER CONNECTOR-REGISTER PART
IRT	INCOMING REGISTER TEST
JLK	JACK LAMP AND KEY
JLK-ACD	JACK LAMP AND KEY CKT FOR ACD
LIT	LINE INSULATION TEST
LLC	LINE LINK CONNECTOR
L,LL&C	LINE,LINE LINK AND CONNECTOR
LLMC	LINE LINK MARKER CONNECTOR MORE THAN 4 CONNECTORS PER FRAME
LV	LINE VERIFICATION

ABBR	CONNECTING CKT
MON	AUTOMATIC MONITOR
MROTL	MINI-ROTL INTERFACE
MT	MASTER TIMING
MTC	MASTER TEST CONTROL
NGC	NUMBER GROUP CONNECTOR
NG&C	NUMBER GROUP AND CONNECTOR
OR	ORIGINATING REGISTER
ORMC	ORIGINATING REGISTER MARKER CONNECTOR
ORMC-MP	ORIGINATING REGISTER MARKER CONNECTOR-MARKER PART
ORMC-RP	ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART
OS	OUTGOING SENDER
OSC	OUTGOING SENDER CONNECTOR
OSC-MP	OUTGOING SENDER CONNECTOR-MARKER PART
OSC-SP	OUTGOING SENDER CONNECTOR-SENDER PART
PBXA	PBX ALLOTTER
PCTV	PROGRAM CONTROLLED TRANSVERTER (ANI AND/OR CAMA)
PCTVC	PROGRAM CONTROLLED TRANSVERTER (CAMA ~~ONLY~~)
PRT	PRETRANSLATOR
PRTC	PRETRANSLATOR CONNECTOR
PRTC-ORP	PRETRANSLATOR CONNECTOR-ORIGINATING REGISTER PART
RD	ROUTE DISTRIBUTOR
ROTC	REMOTE OFFICE TEST CONTROL
ROTL	REMOTE OFFICE TEST LINE
ROTL-TMB	REMOTE OFFICE TEST LINE TRUNK MAKE BUSY
ROTR	REMOTE OFFICE TEST LINE REGISTER
RPL	REGISTER PRIORITY LINK
RRC	RECORDER AND RECORDER CONTROL
RT	ROUTE TRANSLATOR
RTC	ROUTE TRANSLATOR CONNECTOR
SSI	STUCK SENDER TRUNK IDENTIFIER
ST	SENDER TEST
TA	TRANSLATOR ACCESS
TAT	TRANSLATOR ADMINISTRATION AND TEST
TC	TRUNK CONTROL
TCC	TEST CONNECTOR CKT FOR ACD
TL	TRUNK LINK
TLC	TRUNK LINK CONNECTOR
TL&C	TRUNK LINK AND CONNECTOR
TR	TROUBLE RECORDER CONTROL AND TEST
TRC	TROUBLE RECORDER CONNECTOR
TT	TRUNK TEST
TTL	TRANSFER TRUNK LINK
TTR	TRUNK TEST REGISTER
TV	TRANSVERTER
TVC	TRANSVERTER CONNECTOR
WC	LINE CONCENTRATOR NO 2A CONTROL (WADS)
FIG	APP FIGURES WITHIN MASTER TEST FRAME CONNECTOR

2. LEADS ON THE CONNECTING AND SCANNING RELAYS OF FIGURES 8-10, 26 AND 27 ARE MULTIPLED AS INDICATED IN THE FIG IN WHICH THESE RELAYS APPEAR. ~~THESE FIGURES~~ SHOWN SCHEMATICALLY ARE FOR 263 TYPE REL. THE FOLLOWING SCHEMATIC SHOWS THE DIFFERENCE BETWEEN THE HORIZONTAL MULTIPLING OF THE 263 AND 287 TYPE RELAYS.



263 TYPE ARMATURE
286 & 287 TYPE-FIXED SPRING
263 TYPE-ARMATURE IS HORIZONTAL STRAPPING SIDE
286 & 287 TYPE-FIXED SPRING IS HORIZONTAL STRAPPING SIDE
FOR MULT INFORMATION ON THE OTHER LEADS SEE THEIR CORRESPONDING FIGURE.

3. THE BWO-BW119,BWXO-BWX3 LEADS ARE THE DESIGNATION OF THE LEADS FROM THE SCANNING RELAYS OF FIG 152 TO THE TROUBLE RECORDER.

4. THE TROUBLE RECORD PUNCHING INFORMATION IS SHOWN TO INDICATE PUNCH DESIGNATION.

   a. ON THE FRONT SIDE OF THE CARD

   b. ON THE REVERSE (BACK) SIDE OF ~~THE~~ CARD

   c. NO LONGER ON THE CARD BUT BECAUSE OF MFR DISC RATING OR OTHER REASON THAT PUNCHING WAS REMOVED

   EXAMPLE:

   2W (FRONT SIDE DESIGNATION)
   TRUO (BACK SIDE DESIGNATION
   (CSUO) (NO LONGER SHOWN ON CARD)

   d. PUNCHING DESIGNATION IN SQUARE BRACKETS [XY] ARE SHOWN ON THE TROUBLE CARD BUT ARE NOT USED WITH THIS TABLE.

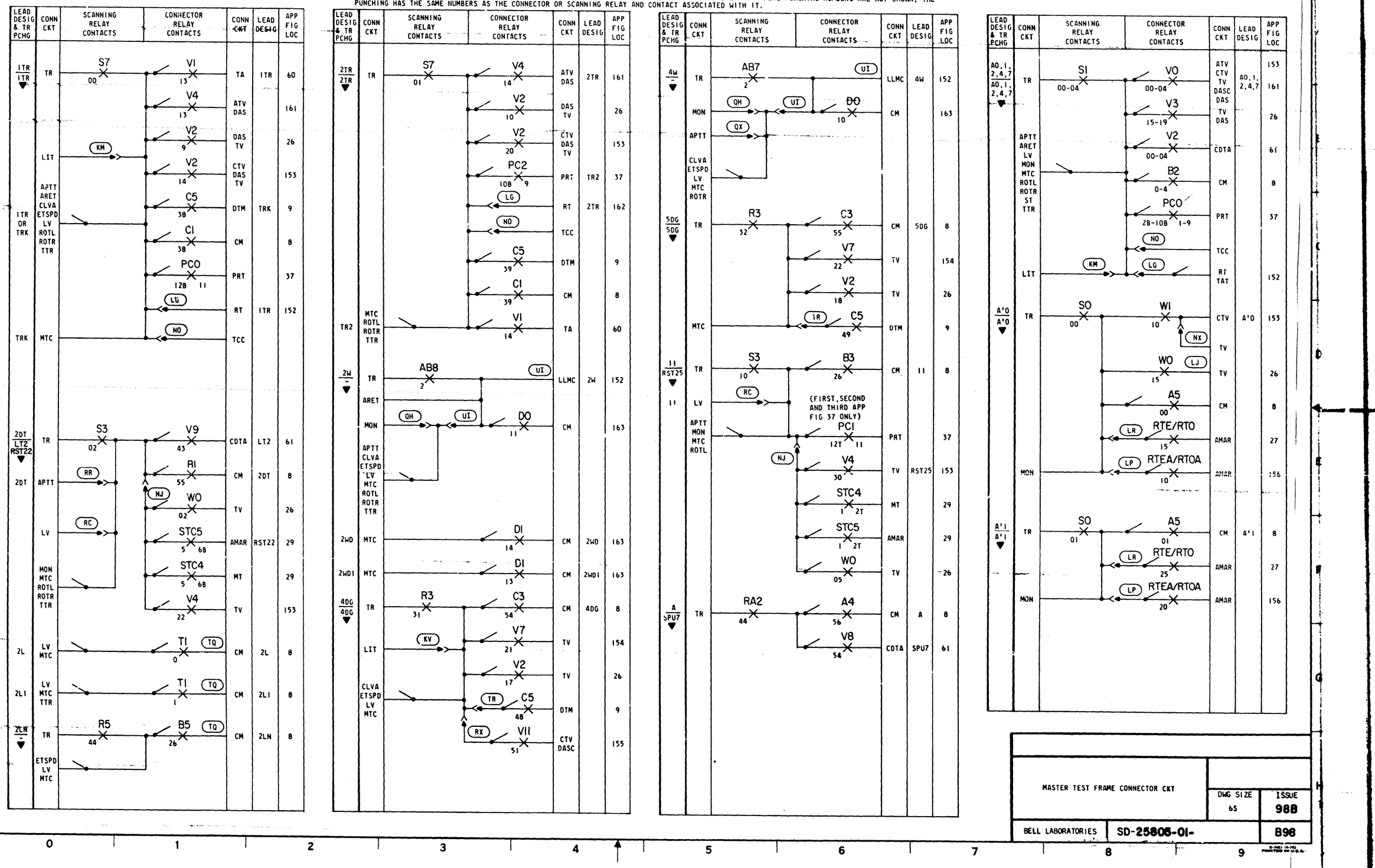
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 100B
BELL LABORATORIES SD-25805-01-		B97

SD-25805-01-B97

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TABLE 1B

(FOR FIG 8 & 152) OFFICE CONVERTED FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD LEAD INDEX AND CONNECTING INFORMATION FOR CONNECTOR AND SCANNING RELAY CONTACTS SEE LEGEND FOR TABLE 1B. FOR CROSS CONNECT INFORMATION SEE TABLE 4A. WHERE PUNCHING NUMBERS ARE NOT SHOWN, THE PUNCHING HAS THE SAME NUMBERS AS THE CONNECTOR OR SCANNING RELAY AND CONTACT ASSOCIATED WITH IT.



MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25806-01-	B98

TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
A'2 / A'2	TR	S0 02	W1 30 NX	CTV	A'2	153
				TV		
		W0 35	LJ	TV		26
		A5 2		CM		8
		LR	RTE/RTO 35	AMAR		27
	MON	LP	RTEA/RTOA 30	AMAR		156
A'4,7	TR	S0 03,04	A5 3,4	CM	A'4,7	8
	MON					
AC8	TR	R4 41	SV A6 38	DTM	AC8	9
				WC	TT4	152
ACD / ACD	TR	R3 50	B5 6	CM	ACD	8
	MTC		V11 42	CTV DASC		155
ACDO MLV TLV (FWR)	TR	S8 12	LG	CLVA ETSPD LV MTC	MLV OR TLV	152
			NO	RT	FWR	152
				TCC	ACDO	
AD RNT1 / RNT1 AD	TR	R3 21	B5 5	CM	AD	8
			V11 50	CTV DASC		155
			V9 21	TV	RNT1	154
AD, RNT1	MTC		V4 21	TV		158
AD' RNT'1	TR	R3 23	B5 48	CM	AD'	8
AGCK	TR	RA7 33	RW B5 54	CM	AGCK	8
AIS MPT TC	TR	R4 54	V13 23	CTV	TC	155
		ZW	ZZ AIS1			
MPT	MTC		C2 55	MON	MOR	8
		ZZ AIS2				
AIS	MTC	PZ	QF,PZ B5 55	CM	AIS	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
AK	TR	RA2 50	A4 58	CM	AK	8
AL / AL1	TR	R6 12	C2 52	CM	AL	8
			NO	TCC		
	APTT INTF MTC ROTL ROTR TTR		LQ RTE/RTO 11	TC	AL1	156
AL			LS RTE/RTO 11	TC		27
ALT	MTC		T0 32	CM	ALT	8
	APTT ROTR		VR			
AN / (S2)	TR	RA2 22	B0 38	PBXA CM	AN	8
			LG	RT	S2	152
ANC PBX	TR	R2 54	B4 26	DTM	PBX	9
		UJ	NO	TCC	ANC	
AR-HT' 0,1 / ORTO,1	TR	S2 30,31	B3 40,41	CM	ARO,1	8
ARO,1	MON			BI	ORT 0,1	152
AR-HT' 2,4,7	TR	S2 32-34	B3 42-44	CM	AR2, 4,7	8
AR2, 4,7	MON					
ARET PRT TURN OVER	TR	S8 24		FS 39 29F/FI	PRT	
				FS 27 24B7	ARET	
ATKT / ATKT	TR	S8 03		APTT ROTL ROTR MROTL	ATKT	152
AVG GPA / AL2	TR	R6 13	C3 7	CM	GPA	8
			NO	TCC	AVG	
	APTT INTF MTC ROTL ROTR TTR		LS RTE/RTO 12	TC	AL2	27
GPA			LQ RTE/RTO 12	TC		156

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
AVK1 / XNL	TR	SA7 24	B3 3	CM	AVK1	8
			V6 52	TV	XNL	154
AVK1	MON		V1 29	TV		26
BO,1, 2,4,7 / BO,1, 2,4,7	TR	S1 10-14	V0 10-14	TV CTV ATV DASC DAS	BO,1, 2,4,7	153 / 161
			V3 20-24	TV DAS		26
			V2 10-14	CDTA		61
	LIT	KM	B2 5-9	CM		8
	APTT ARET LV MON MTC ROTL ROTR ST TTR		PC1 28-108 1-9 LG	PRT RT TAT		37 / 152
B'0,1, 2,4,7 / B'0,1, 2,4,7	TR	S0 10-14	W0 50-54 NX	CTV	B'0,1, 2,4,7	153
				TV		153
			W0 50-54 LJ	TV		26
			A5 05-09	CM		8
			LP RTE/RTO 50-54	AMAR		156
	MON		LR RTE/RTO 50-54	AMAR		27
(DLT) / BAR / BLC	TR	RA4 32	NT	RRC	BAR	
	MTC		T0 1	CM	BLC	8
BN / FU3	TR	RA1 14	B1 7	CM	BN	8
B'	CLVA ETSPD LV MTC		V0 43	TA	FU3	60
BR-T 0,1 2,4,7 / ORLD,1 2,4,7 / BRO,1 2,4,7	TR	S2 40-44	B3 50-54	CM	BRO,1, 2,4,7	8
	MON			BI	ORLD,1, 2,4,7	152
BRL	TR	AB5 10	D0 12	CM	BRL	163
	MTC					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
BRT	MTC	UI	D1 30	CM	BRT	163
			T2 1	DTM		9
BST	MTC LV		C0 33	CM	BST	8
BT / MET SY	TR	SA6 53	B3 1	CM	BT	8
			C4 39	DTM		9
BT	APTT ARET INTF LV MTC ROTL ROTR TTR		TXE/TXO 7 8T	MT	SY	28
			NT			
			NO	MT	MET	
				TCC	BT	
BTT	MTC	UI	D1 31	CM	BTT	163
			T2 0	DTM		9
BW 0-29	TR	RO-8 00-04,10-14, 20-24,30-34, 40-44,50-54	(FRONT LEFT BOTTOM			
BWX0	TR	ABO-8 10				
BW 30-59	TR	RAO-8 00-04,10-14, TO 50-54	(FRONT) RIGHT BOTTOM			
BWX1	TR	ABO-8 11				
BW 60-89	TR	SO-8 00-04,10-14, TO 50-54	(FRONT) LEFT TOP			
BWX2	TR	ABO-8 2				
BW90-119	TR	SAO-8 00-04,10-14, TO 50-54	(FRONT) RIGHT TOP			
BWX3	TR	ABO-8 3				
BY / VG1	TR	RA1 24	C1 52	CM	BY	8
BY	INTF ROTR		V1 31	TA	VG1	60

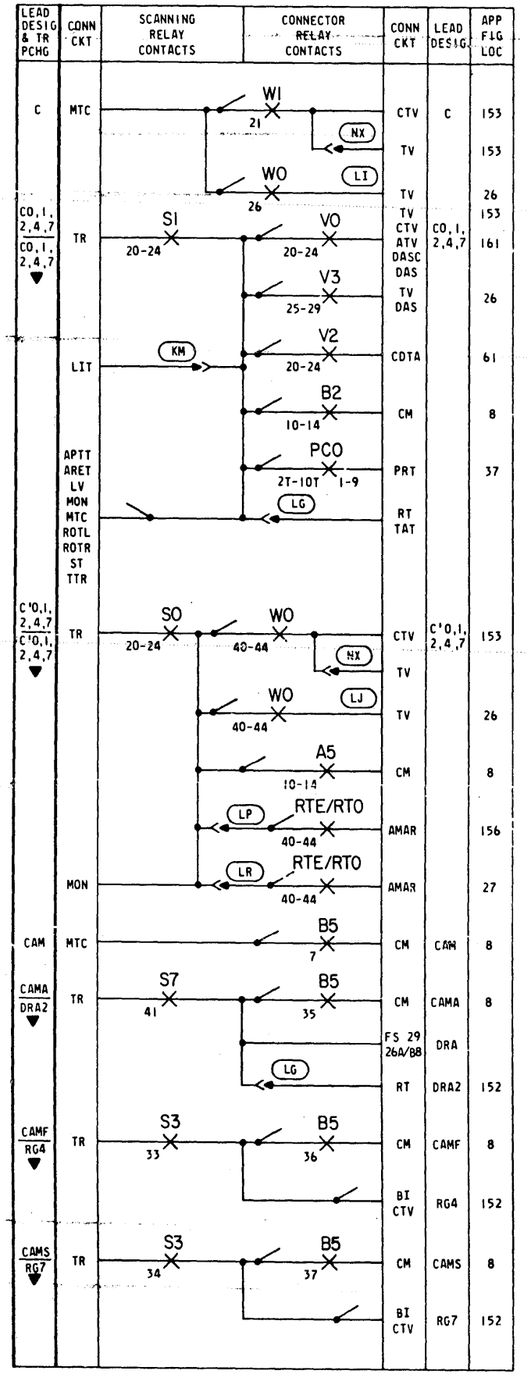
THE CONN LEADS ARE LISTED IN THIS TABLE BY THEIR TR PUNCH DESIG

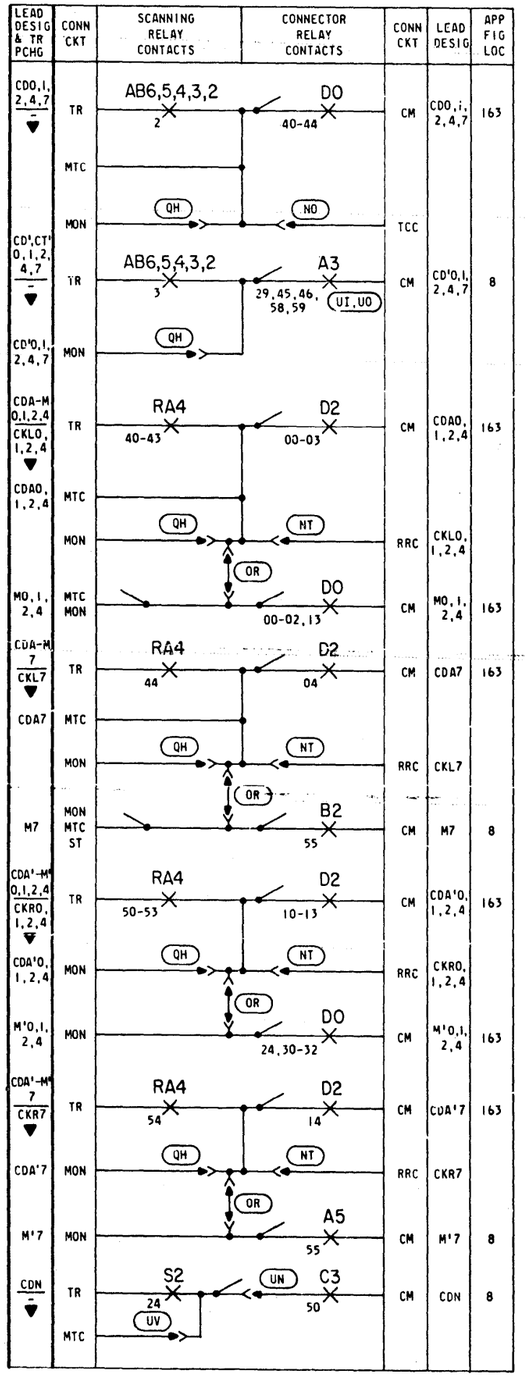
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 99A
BELL LABORATORIES	SD-25805-01-		B99

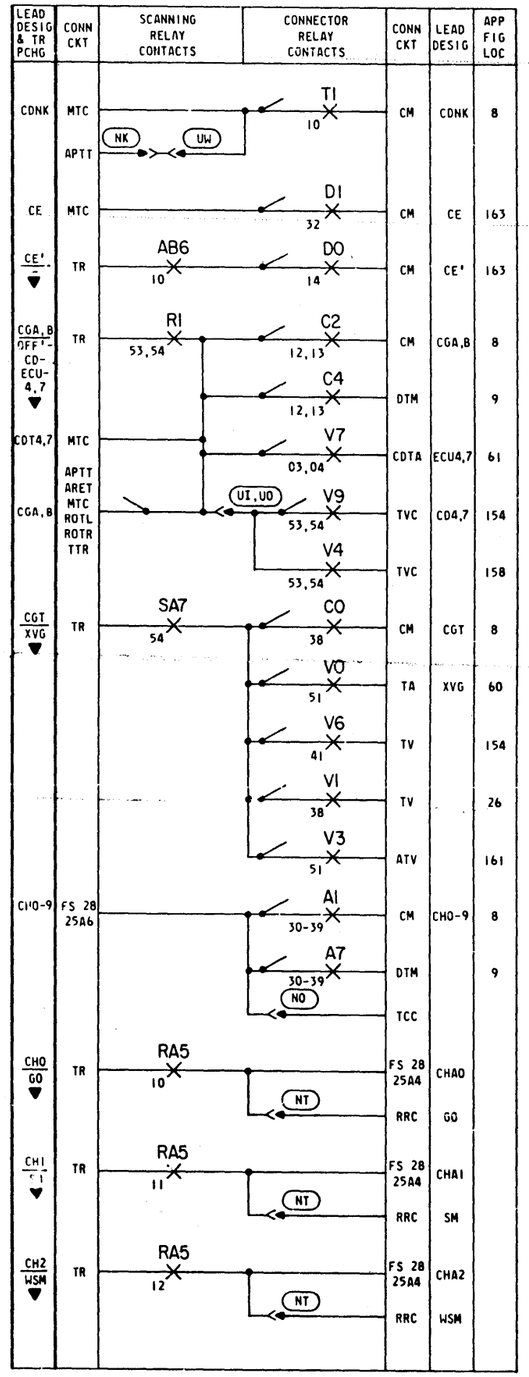
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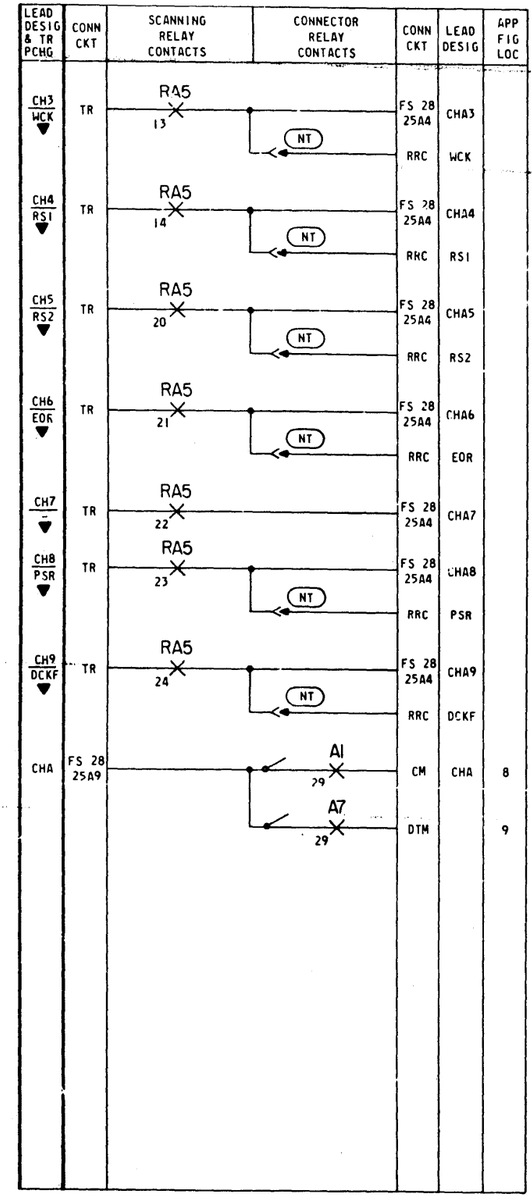
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT.

DWG SIZE 6S

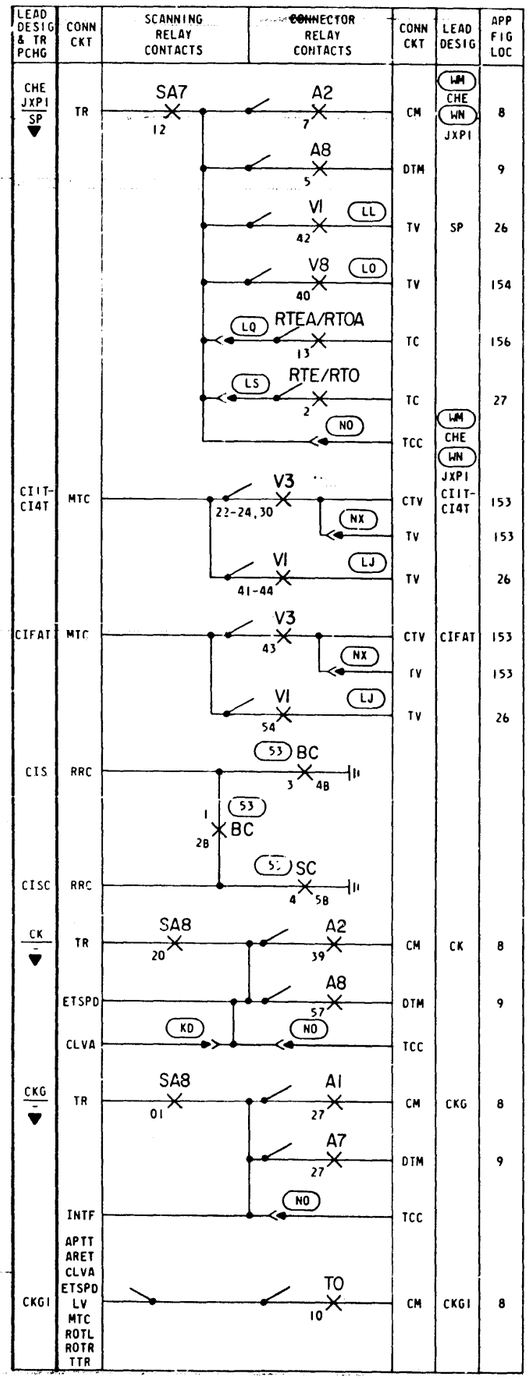
ISSUE 98B

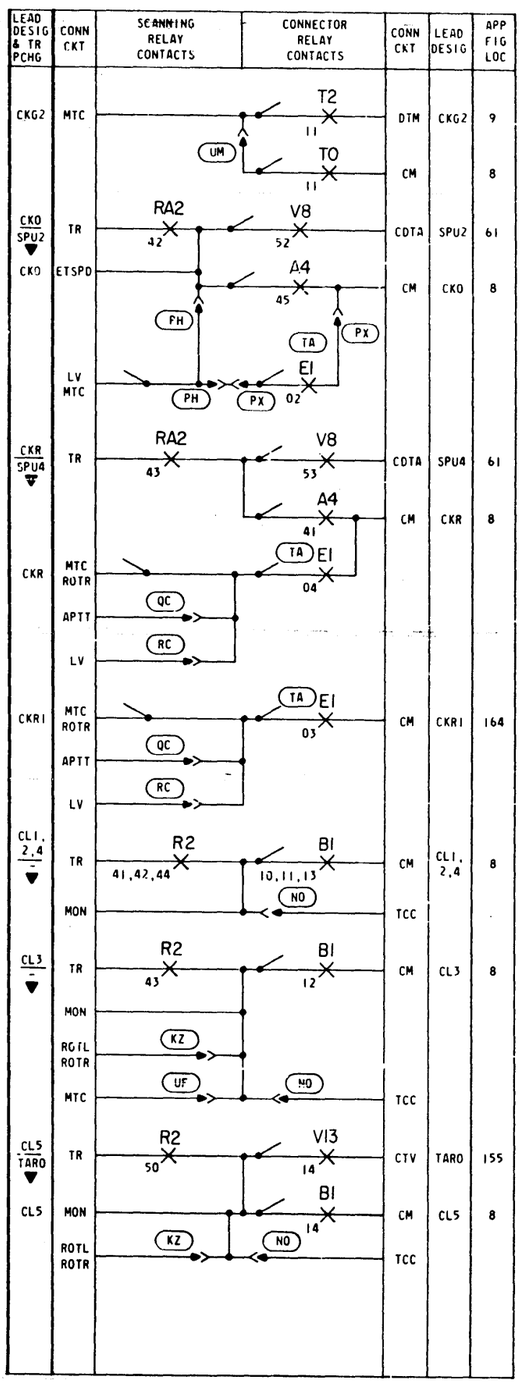
BELL LABORATORIES SD-25805-01- B100

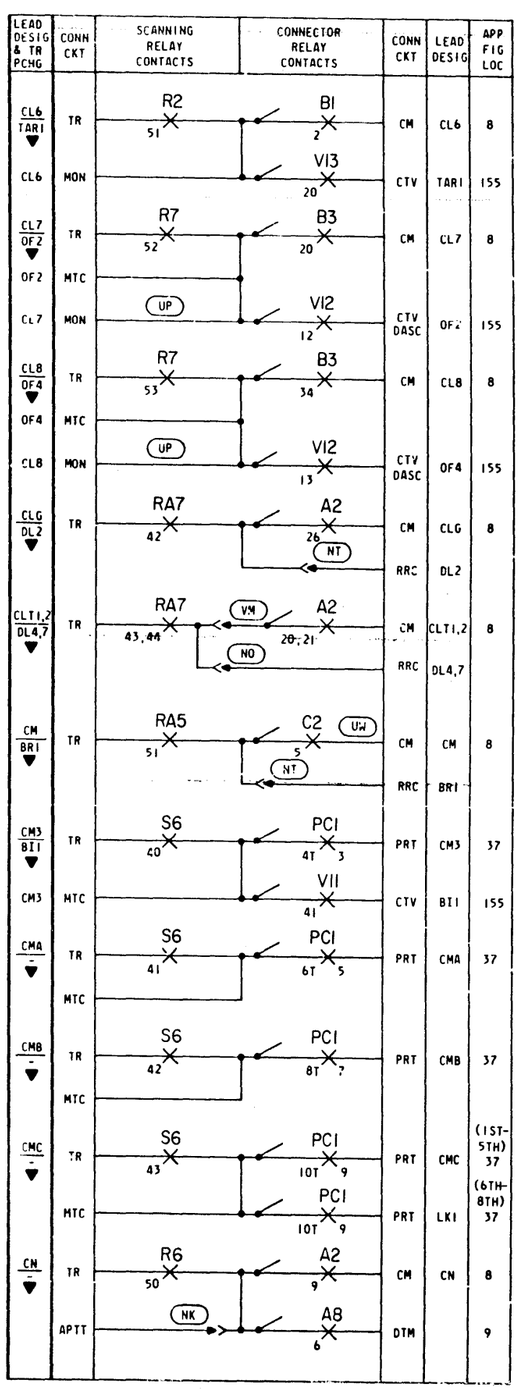
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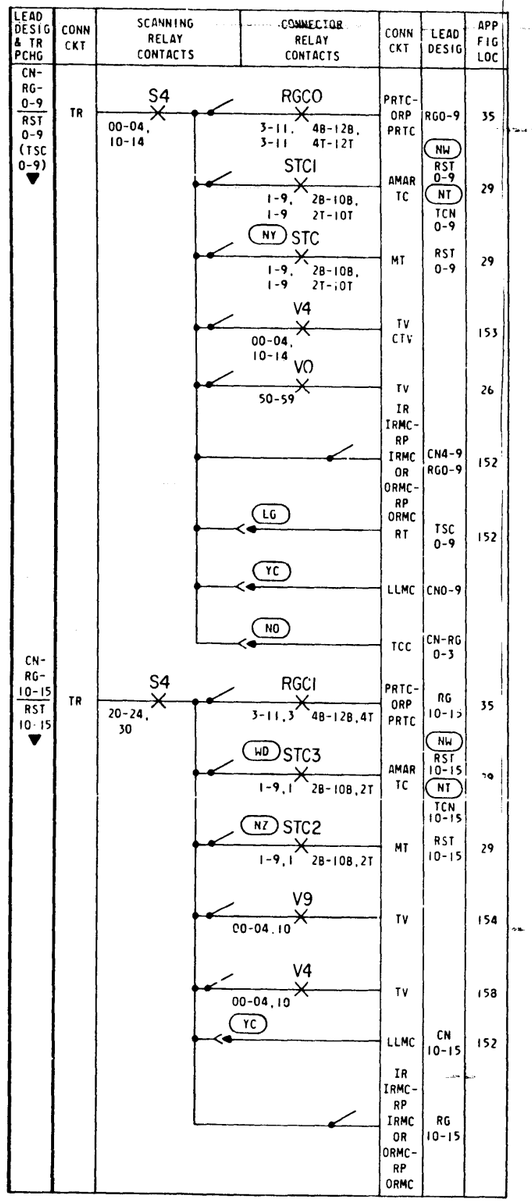
TABLE 18 (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 98B

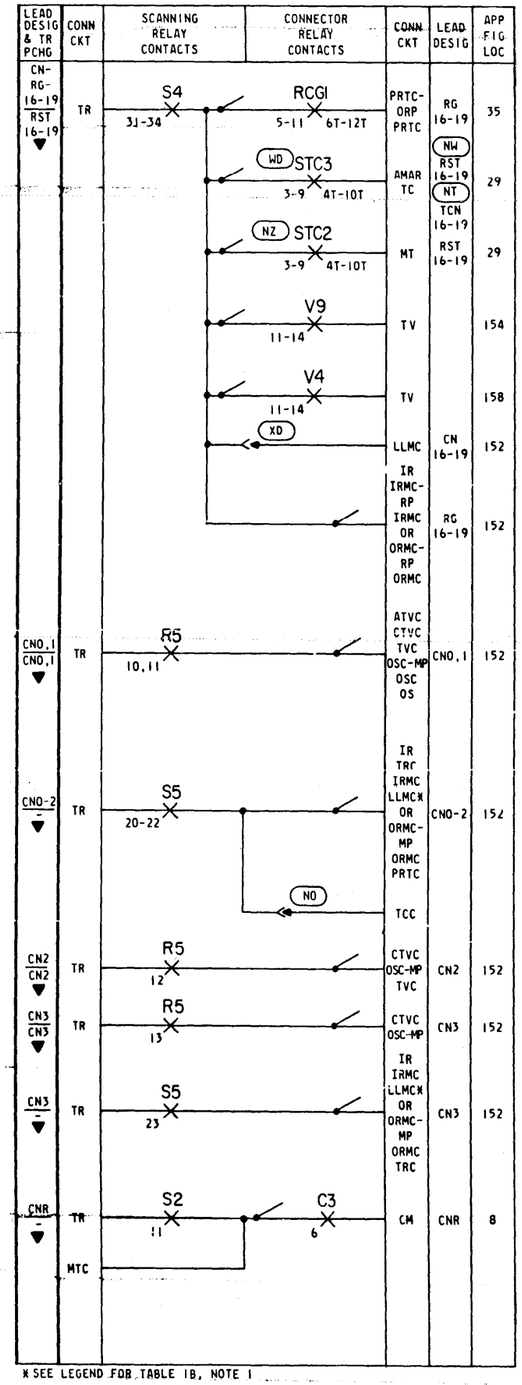
BELL LABORATORIES

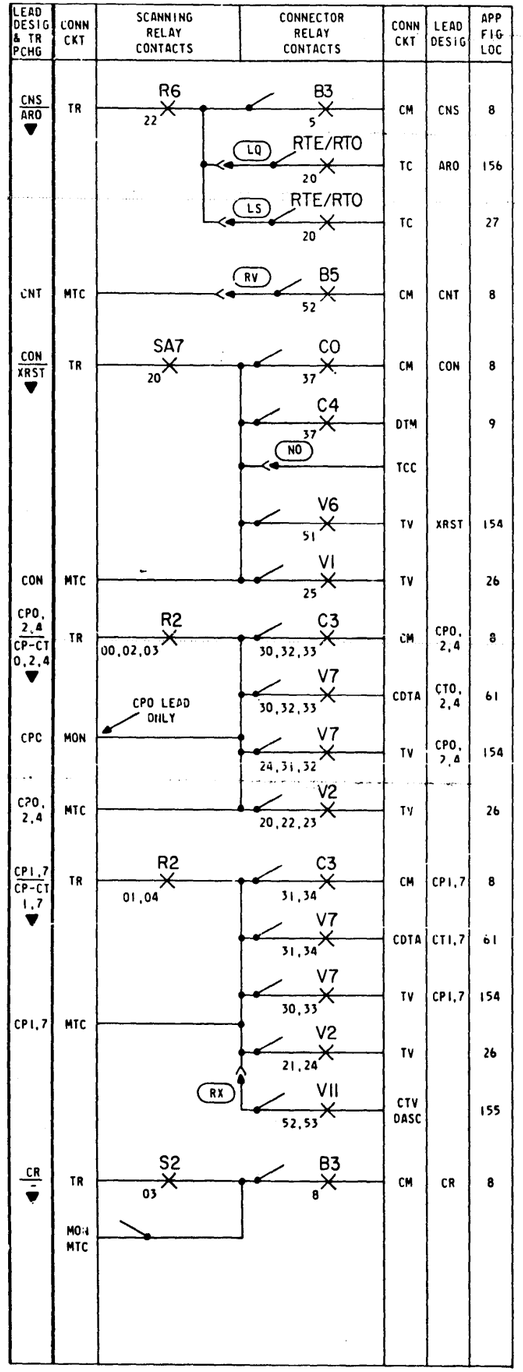
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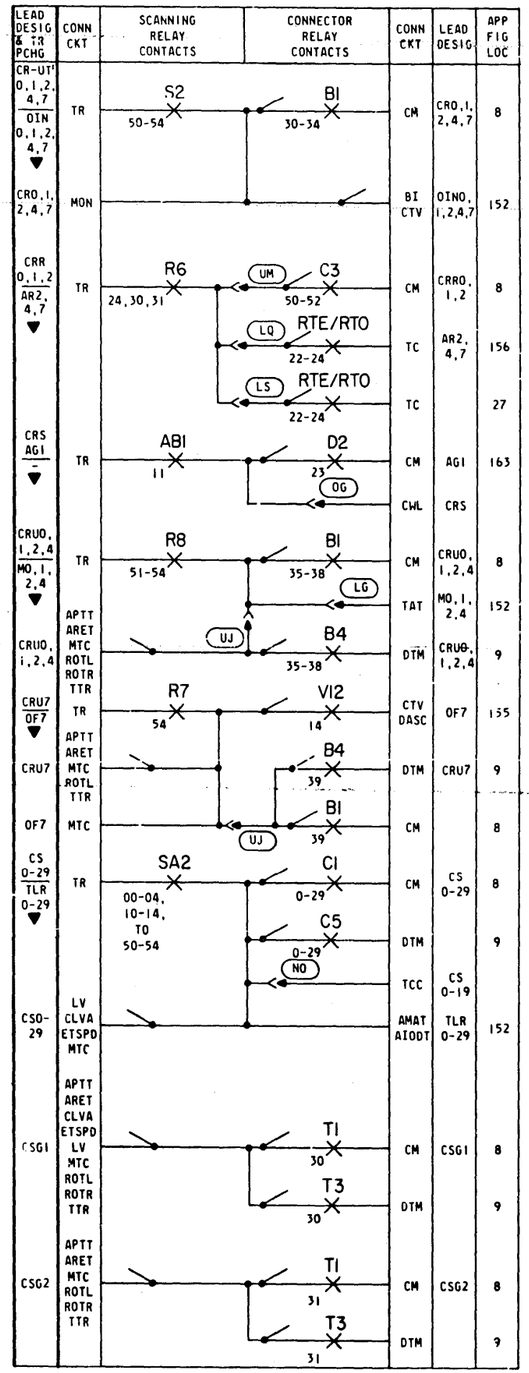
B101

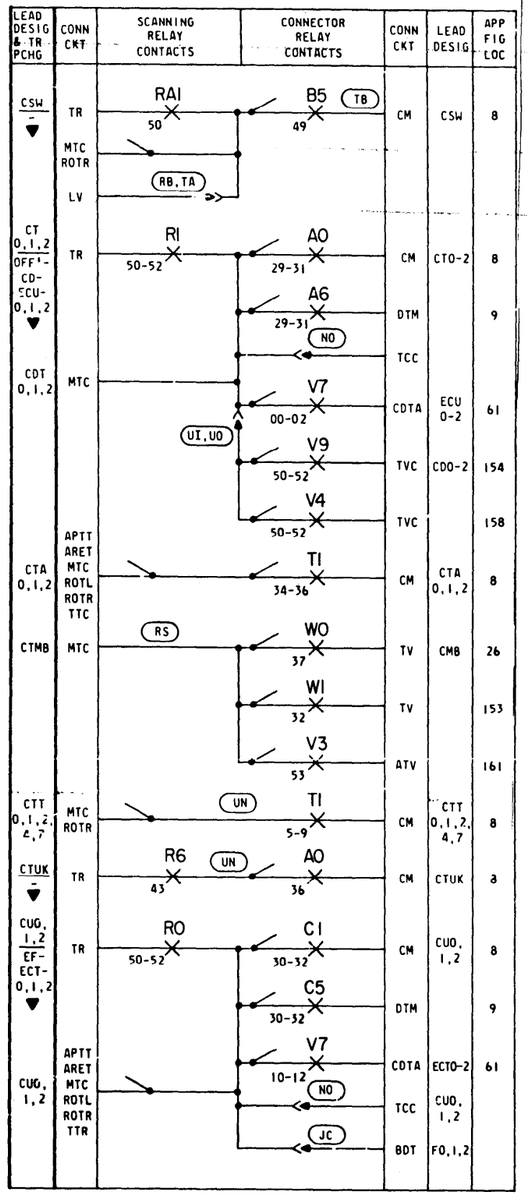
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 98B

BELL LABORATORIES

SD-25805-01

B102

SD-25805-01-MOD

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CU4,7 / EF-ECT-4,7 ▼	TR	R0 53,54	C1 33,34	CM	CU4,7	8
			C5 33,34	DTM		9
			NO	TCC		
	APTT ARET MTC ROTL ROTR TTR		JC	BDT	F4,7	
CU4,7						
CUT0,1, 2,4,7	MTC ROTR	UN	T1 15-19	CM	CUT0,1, 2,4,7	8
CWF / DCK / RL1 ▼	TR	S7 14	B0 28	CM	DCK/ CWF	8
		OG	A8 12	DTM	CWF	9
DCK	CLVA ETSPD MON MTC		VI3 02	CTV	RL1	155
CWK / TWT / AL7 ▼	TR	R6 20	A4 54	CM	TWT/ CWK	8
		LQ	RTE/RTO 14	TC	AL7	156
		LS	RTE/RTO 14	TC		27
		UG				
CWK	MTC		A8 11	DTM	CWK	9
D / NL01 ▼	TR	S7 24	C1 35	CM	D	8
		RX	C5 35	DTM		9
D	MON					
	MTC		VII 01	CTV	NL01	155
D0,1, 2,4 / D0,1, 2,4 ▼	TR	S1 30-33	B2 15-18	CM	D0,1, 2,4	8
			V2 30-33	CDTA		61
		KM				
	LIT		V3 35-38	TV DAS		26
			LG	RT TAT		152
	APTT LV MON MTC ROTL ROTR ST TTR		V0 30-33	TV CTV ATV DASC DAS		153 161

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
D7 / D7 ▼	TR	S1 34	B2 19	CM	D7	8
	APTT ARET LV MON MTC ROTL ROTR ST TTR		V2 34	CDTA		61
			V3 39	TV DAS		26
		LG		RT TAT		
	LIT	KM	V0 34	TV CTV ATV DASC DAS		153 161
D'0,1, 2,4,7 / D'0,1, 2,4,7 ▼	TR	S0 30-34	W0 30-34	CTV	D'0,1, 2,4,7	153
			NX	TV		
			W0 30-34	TV		26
		LJ				
			A5 15-19	CM		8
		LP	RTE/RTO 30-34	AMAR		156
	MON	LR	RTE/RTO 30-34	AMAR		27
DAC / — ▼	TR	R4 42		WC	TT7	152
		RT	B5 50	CM	DAC	8
DATK	ROTR	SC	EO(-) 20	CM	DATK	164
DCT / XIC XTS ▼	TR	SA7 22	C2 51	CM	DCT	8
			C4 57	DTM		9
		NO		TCC		
			V8 44	TV	LN XIC LO XTS	154
	APTT ARET MON MTC ROTL ROTR TTR		V1 31	TV	LJ XIC LL XTS	26
DCT						

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
DCT1 / XDS XP ▼	TR	SA7 30	A2 2	CM	DCT1	8
			A8 1	DTM		9
			NO	TCC		
			V3 04	TV CTV	NX XP LI XDS	153
				XP	LJ XP LL XDS	
DCT1	MTC	JZ	V1 28	TV		26
DCT2 / XTC ▼	TR	SA7 33		FS 25 22B3	XTC	
			A2 3	CM	DCT2	8
DCT3 / XRB ▼	TR	SA7 31	C2 9	CM	DCT3	8
			V3 03	TV CTV	XRB	153
			V1 27	TV		26
		LQ	RTEA/RTOA 51	TC		156
		LS	RTE/RTO 51	TC		27
DIS	APTT ARET LV MTC ROTL ROTR TTR		T0 34	CM	DIS	8
			T2 34	DTM		9
DIS1 / XU ▼	TR	SA7 34	C2 47	CM	DIS1	8
			C5 55	DTM		9
		NO		TCC		
			V3 02	TV CTV	XU	153
D.S1	APTT ARET MTC ROTL ROTR TTR		V1 26	TV		26
DIST	MTC		V1 54	ATV	DIST	161
			V2 32	TV CTV		153
			V1 05	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
[5I] / DLO ▼	TR	RA7 40	NT	RRC	DLO	
DL-CK 1 / OARO ▼	TR	R2 30	B1 20	CM	DL1	8
			V10 40	CTV	OARO	155
DL1	RRC	NR	V6 32 LO	TV		154
			V0 9 LL	TV		26
	MON		NO	TCC	CK1	
DL-CK 2,3 / OAR 1,2 ▼	TR	R2 31,32	B1 21,22	CM	DL2,3	8
			V10 41,42	CTV	OAR1,2	155
DL2,3	RRC	NR	V6 34,40 LO	TV		154
			V4 43,44 LM	TV		158
	MON		NO	TCC	CK2,3	
DL-CK 4,5 / — ▼	TR	R2 33,34	B1 23,24	CM	DL4,5	8
DL4,5	MON		NO	TCC	CK4,5	
DL-CK 6 / — ▼	TR	R2 40	B1 03	CM	DL6	8
DL6	MON					
DLTK	ROTR	SC	E0 21	CM	DLTK	164
DNC / DNC ▼	TR	R3 52	B5 19	CM	DNC	8
	MTC		V11 13	CTV DASC		155

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01		B103

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
DNGA	LV MTC		D1 40	CM	DNGA	163
DNGB	LV MTC		D1 41	CM	DNGB	163
DNGC	LV MTC ROTL ROTR		D1 42	CM	DNGC	163
DNGD	MTC ROTL ROTR		D1 50	CM	DNGD	163
[RYK] DNK	TR	SA5 13	V4 32	ATV	DNK	161
DNK	MTC	(NT)	V8 43	TV		154
	LIT	(JL)	V1 22	TV		26
DR ARI	TR	R6 23	A4 9	CM	DR	8
			(LQ) RTE/RTO 21	TC	ARI	156
			(LS) RTE/RTO 21	TC		27
DRO-9 DRO-9 (DRO, I, 2,4,7)	TR	S8 34,40-44, 50-53	DRO-9 (NO) DRO-5	FS 29 26A/B4 TCC	DR-	
	MON	(QJ,QK)	(LG) DRO, I, 2,4,7	RT		152
[DTF] DRA3 (DRA4)	TR	S7 42	(LG)	FS 29 26A/B9 RT	DRA3 DRA4	152
DRC ATT NMBO	TR	S6 31	V10 51 (NO)	CTV TCC	NMBO DRC	155
			(UN) C3 52			
ATT	MTC			CM	ATT	8
DRT SRT ARET	TR	S8 04	AI 20 (IY)	CM FS 3 3H4	SRT SRT	8
ARET2	FS 27 24C7					
SRT	IRT MON MTC ST	(NO)		TCC	DRT	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
DTO, I, 2,4,7 DTO, I, 2,4,7	TR	RA0 00-04		C & C MT	DTO, I, 2,4,7	152
DTK XIN1	TR	SA8 40	C0 30 (NO)	CM	DTK	8
			C4 30	TCC DTM		9
DTK	MTC		V14 00	CTV	XIN1	155
DTK1	MTC		V3 42 (NX)	CTV TV	DTK	153
			V1 53 (LJ)	TV		26
DTKA	MTC		W1 40 (NX)	CTV TV	DTKA	153
			WO 45 (LJ)	TV		26
DUO, I, 2,4,7 DUO, I, 2,4,7	TR	RA0 10-14		C & C MT	DUO, I, 2,4,7	152
EO, I, 2,4,7 EO, I, 2,4,7	TR	S1 40-44	B2 20-24	CM	EO, I, 2,4,7	8
	APTT MON MTC ROTL ROTR ST TTR		VO 40-44	DAS TV CTV ATV DASC TV DAS		153 161 26
	LIT	(KM)	V3 45-49			
	LV	(RC)	V2 40-44	CDTA TAT RT		61 152
E'0, I, 2,4,7 E'0, I, 2,4,7	TR	S0 40-44	WO 20-24 (NX)	CTV TV	E'0, I, 2,4,7	153
			WO 20-24 (LJ)	TV		26
			(LR) RTE/RTO 20-24	AMAR		27
			(LP) RTE/RTO 20-24	AMAR		156
	MON		A5 20-24	CM		8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ECN TRU4 (CSU4)	TR	S4 53	C3 4	CM	ECN	8
ECN	APTT	(VQ)	VI5 13 (LG)	TV RT	TRU4 CSU4	55 152
	MTC ROTR TTR			BI	TRU4	152
EF RA5	TR	RA7 31	(NT)	FS 28 25F4 RRC	EFA RA5	
EF	INTF		A0 56	CM	EF	8
	FS 28 25D9		A6 56	DTM		9
EG -	TR	RA2 52	A4 59	CM	EG	8
EN FT3	TR	RA1 03	A4 48	CM	EN	8
EN	ETSPD		VO 23	TA	FT3	60
ENI	MTC	(QT)	DO 04	CM	ENI	163
[RDS] ERTO	TR	RA4 31	(NT)	RRC	ERTO	
ESCK -	TR MTC	AB4 10	DO 03	CM	ESCK	163
[RDR] ETMO	TR	RA4 30	(NT)	RRC	ETMO	
EV	MTC		D1 52	RPL	EV	163
EXT	ARET LV MTC		TO 49 T2 49	CM DTM	EXT	8 9
F	LV MTC ROTR TTR		TO 0	CM	F	8
	APTT	(VQ)				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FO, I, 2,4,7 FO, I, 2,4,7	TR	SI 50-54	B2 25-29	CM	FO, I, 2,4,7	8
	APTT MON MTC ROTL ROTR ST TTR		VO 50-54	TV CTV ATV DASC DAS TV DAS		153 161 26
			V3 55-59			
	LV	(RC)	V2 50-54	CDTA		61
	LIT	(KM)	(LG)	RT TAT		152
F'0, I, 2,4,7 F'0, I, 2,4,7	TR	SO 50-54	A5 25-29	CM	F'0, I, 2,4,7	8
			WO 10-14 (NX)	CTV TV		153
			WO 10-14 (LJ)	TV		26
			(LR) RTE/RTO 10-14	AMAR		27
	MON		(LP) RTE/RTO 10-14	AMAR		156
FAA ALS	TR	R6 10	C2 10 (LS) RTE/RTO 15 (LQ) RTEA/RTOA 10	FATC TC TC	FAA ALS	8 27 156
FAB ALO	TR	R6 11	C2 11 (LQ) RTE/RTO 10 (LS) RTE/RTO 10	FATC TC TC	FAB ALO	8 156 27
[LRI] FABC	TR	SA5 11	V7 11 (LN) V2 0 (LJ)	TV TV	FABC	154 26

MASTER TEST FRAME CONNECTOR CKT

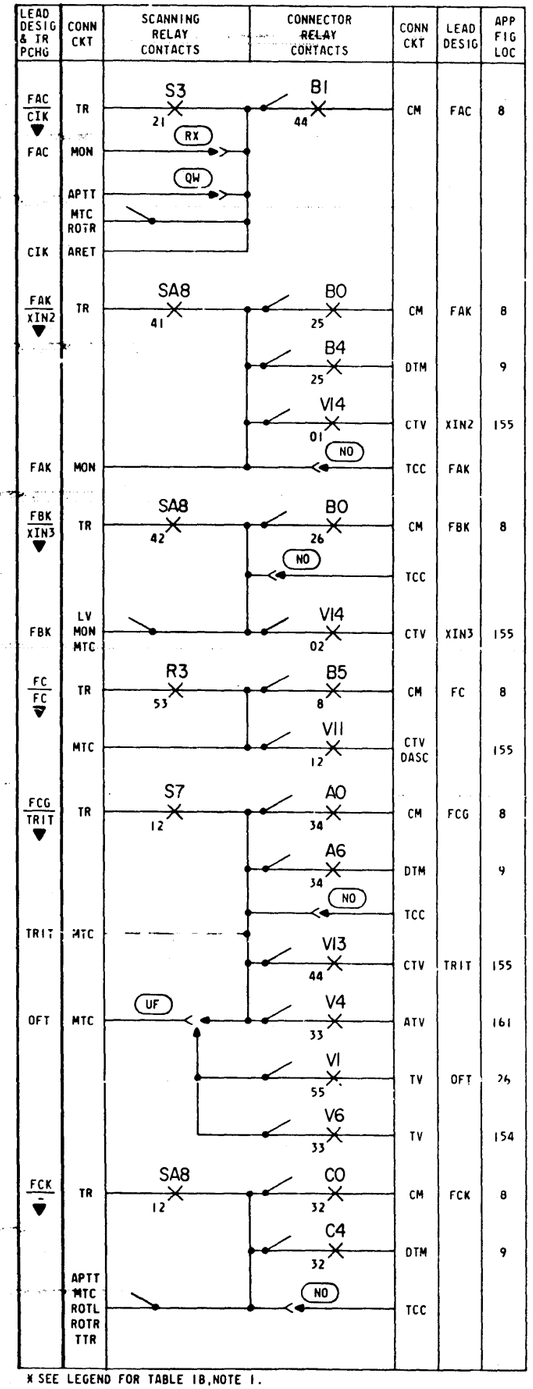
DWG SIZE 65 | ISSUE 98B

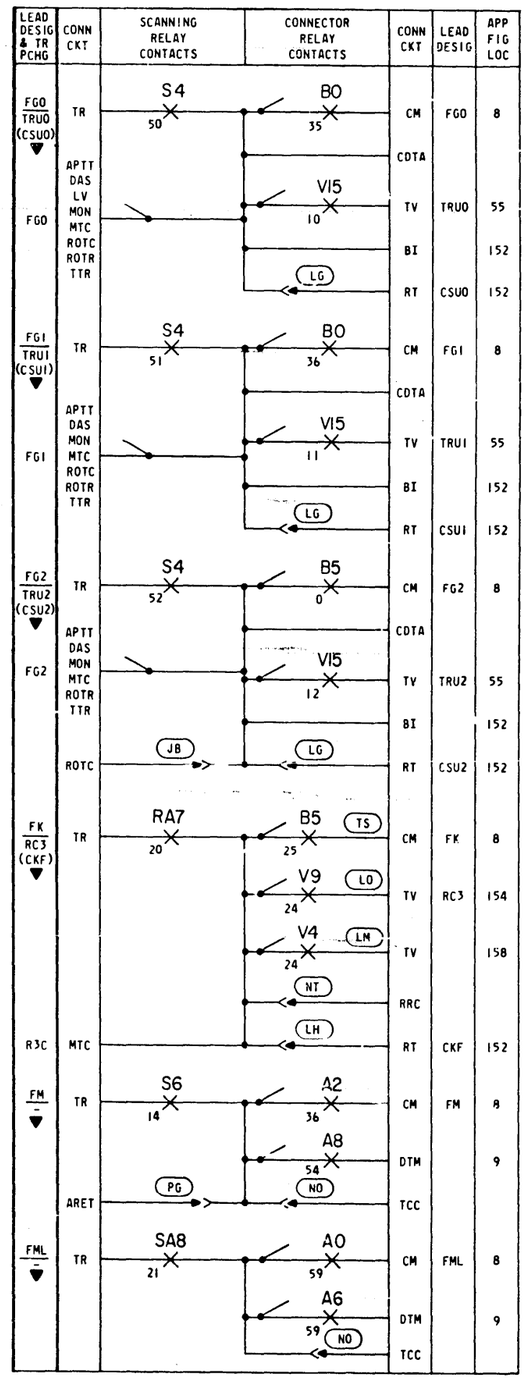
BELL LABORATORIES | SD-25805-01- | B104

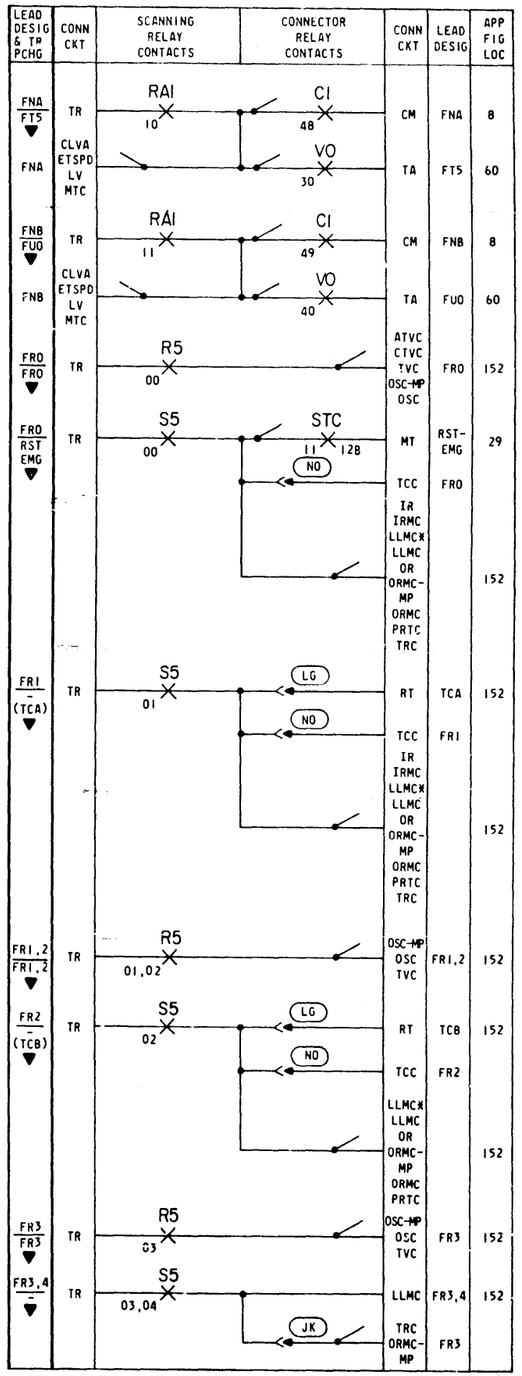
SD-25805-01-B104

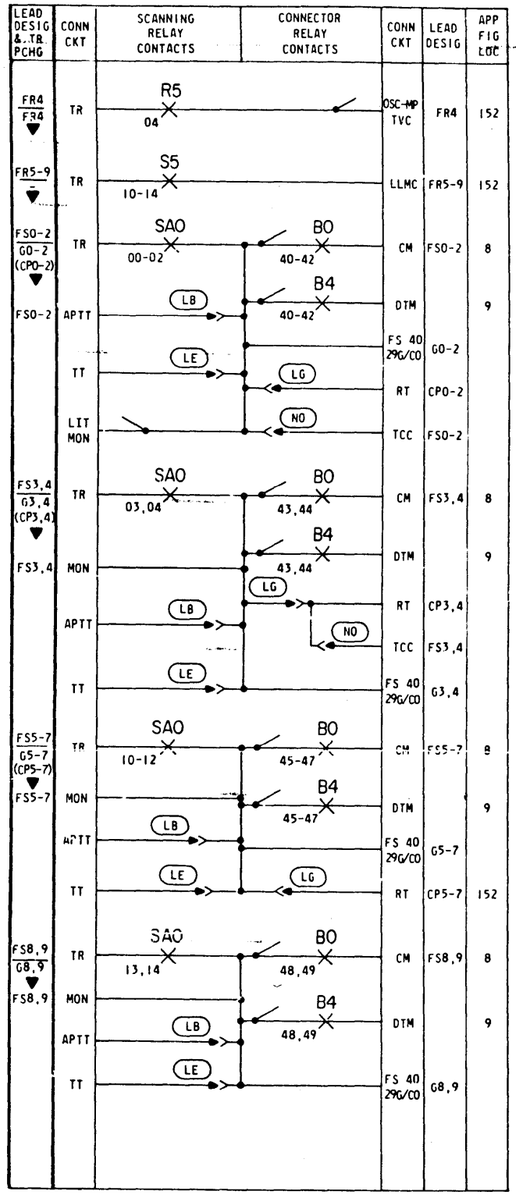
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)





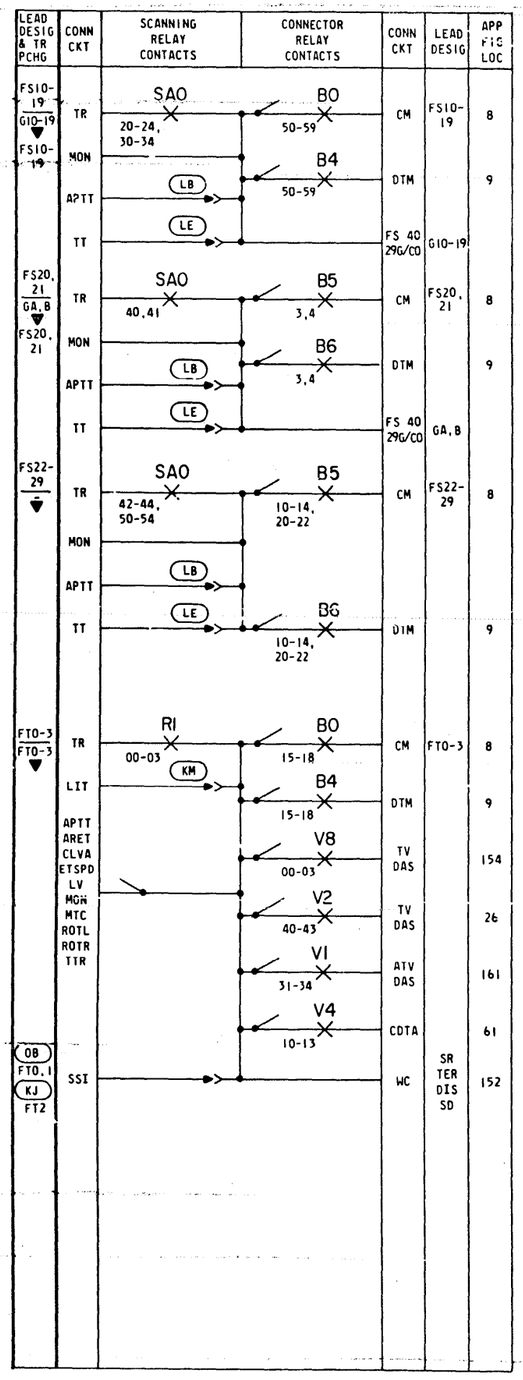


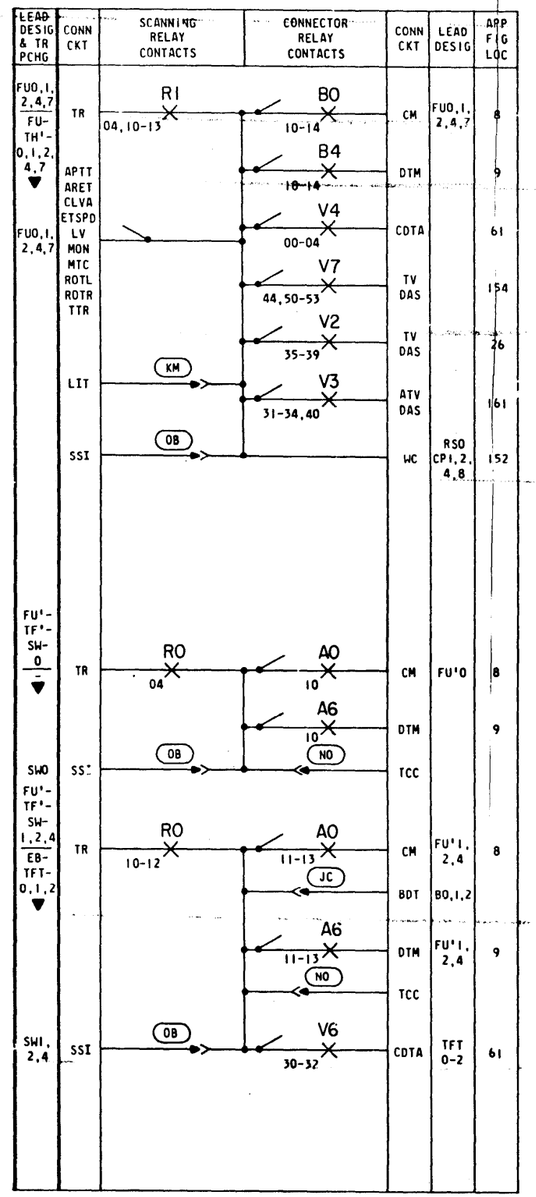


MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
		6S	988
BELL LABORATORIES	SD-25805-01-		B105

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)





MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

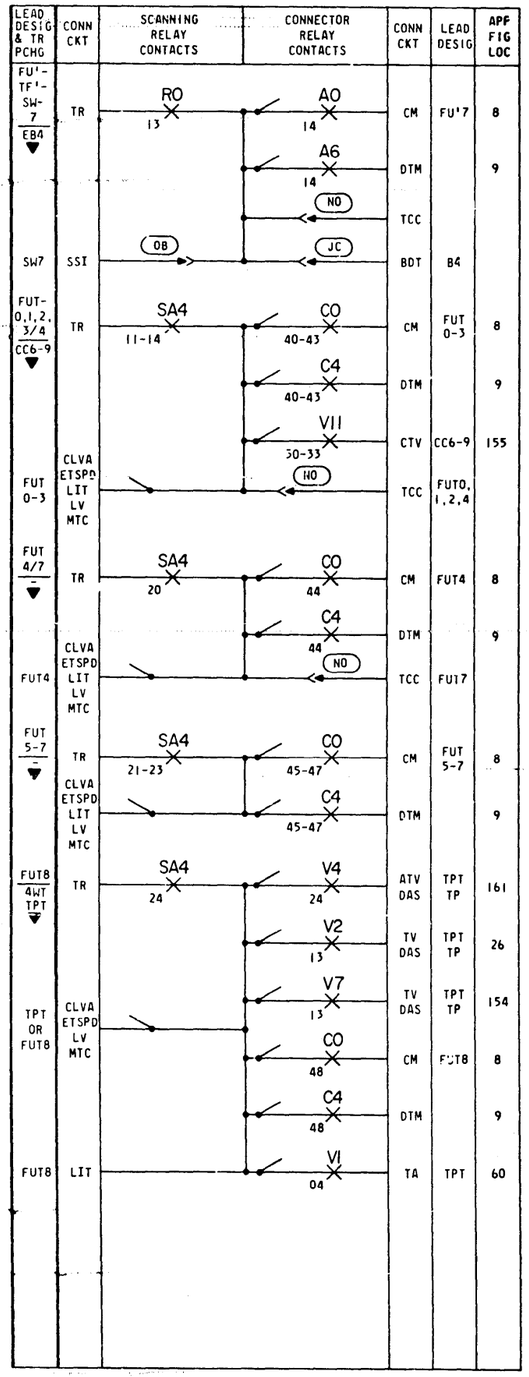
ISSUE 101A

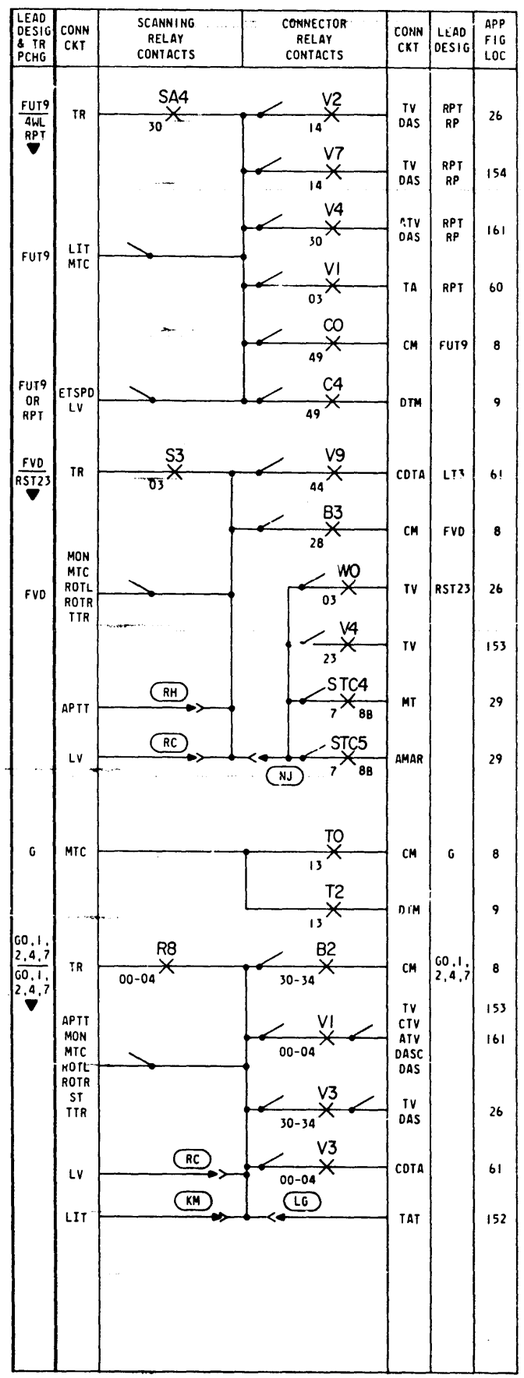
BELL LABORATORIES | SD-25805-01- | B106

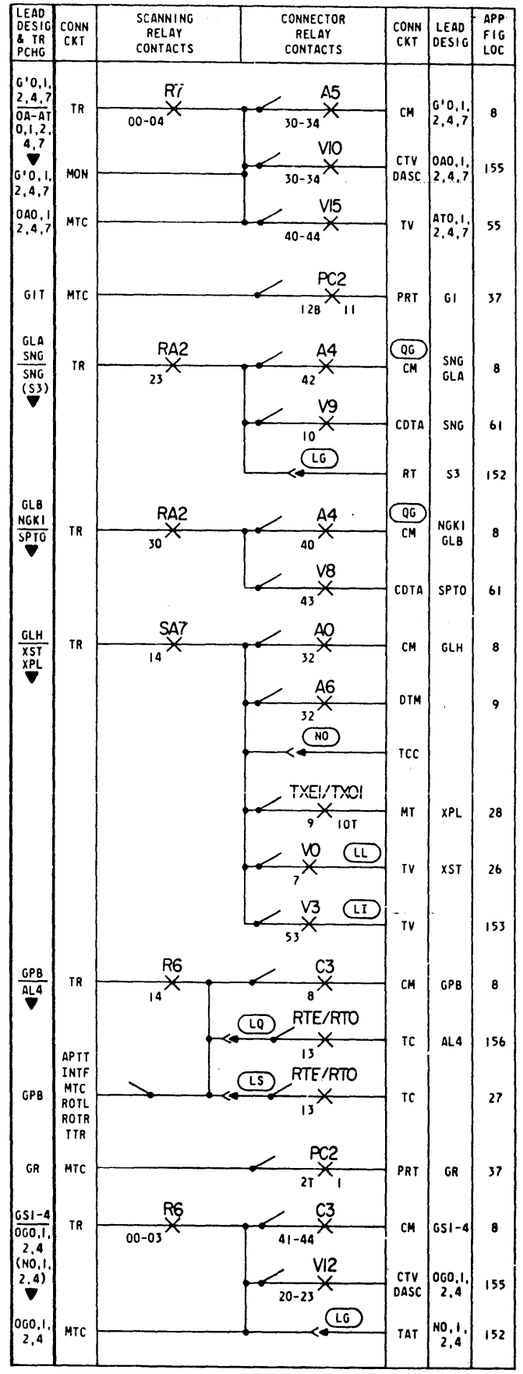
SD-25805-01-B106

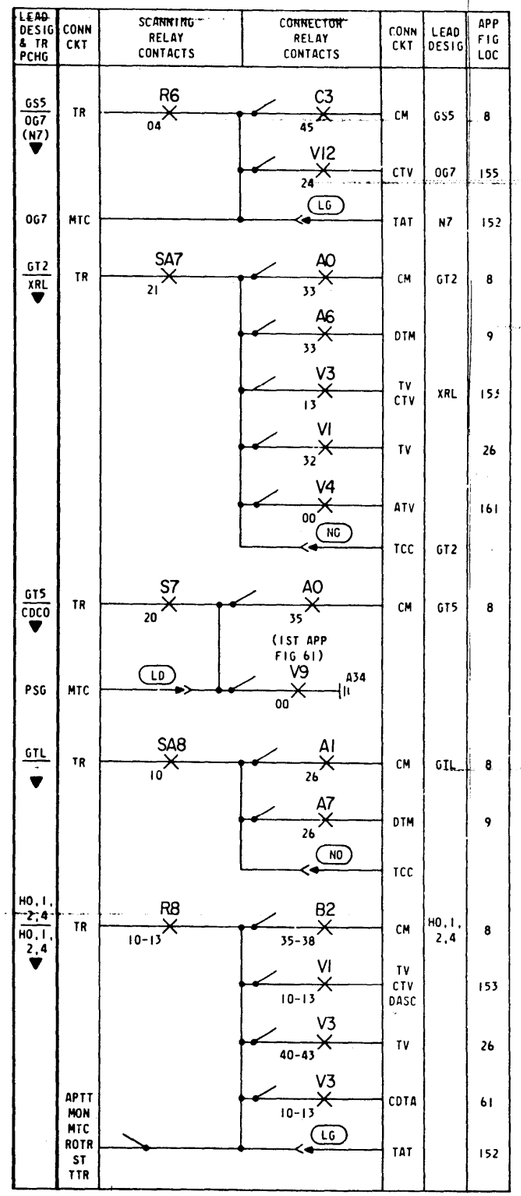
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









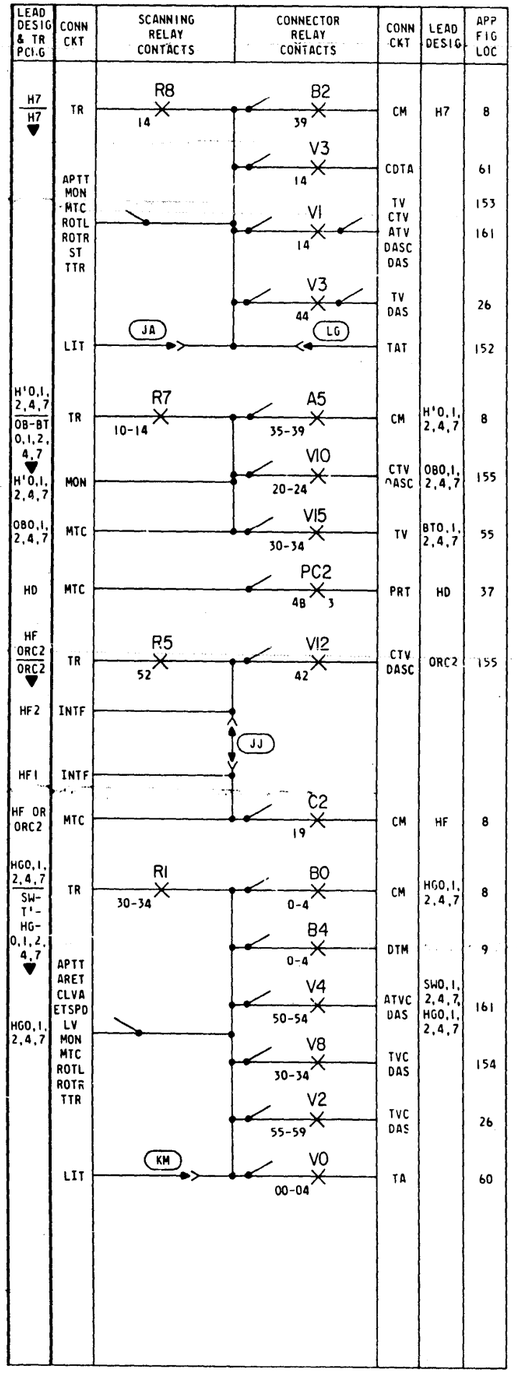
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-	B107

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SD-25805-01-B107

TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S / ISSUE 98B
BELL LABORATORIES	SD-25805-01- / B108

SD-25805-01-B108

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HMA	MTC		D1 53	RPL	HMA	163
HMS AG2 ▼	TR	ABO 11	D2 24 (OG)	CM	AG2	163
				CWL	HMS	
HMSI SPA ▼	TR	SA7 03	TXEI/TXOI 1 28	MT	SPA	28
			B0 27	CM	HMSI	8
			B4 27 (NO)	DTM		9
HMSI	APTT MON MTC ROTR TTR			TCC		
HNO 4		RA3 20-24		FS 28 2584	HNO-4	
HNO-4 (HNO,I, 2,4,7) ▼	TR		V5 40-44	TV	HNO-4	154
			V0 20-24	TV		26
HNO-4	CLVA ETSPD LV MTC		V2 40-44	ATV		161
			V5 20-24	CDTA		61
	LIT	(KM)	(LG)	RT RD	HNO,I, 2,4,7	152
HNO-4	FS 28 2589		A4 10-14	CM	HNO-4	8
	TBT 0-4	(KD)				
	CLVA ETSPD		(TA)			
	APTT	(SG)				
	LV MTC ROTR		EI 40-44			
HN5-9 HN5-9 ▼	TR	RA3 30-34		FS 28 2584	HN05-9	
			V2 50-54	ATV	HN5-9	161
	CLVA ETSPD LV MTC		V5 50-54	TV		154
			VO 25-29	TV		26
	LIT	(KM)	V5 30-34	CDTA		61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HN5-9	FS 28 2589		A4 15-19	CM	HN5-9	8
TBT 5-9	CLVA	(KD)				
	ETSPD		(TA)			
	APTT	(SG)				
	LV MTC ROTR		EI 50-54			
HTO,I 2,4,7 MBIO, I,2,4,7 (OAO,I, 2,4,7) ▼ HTO,I, 2,4,7	TR	S5 30-34	B3 35-39	CM	HTO,I, 2,4,7	8
	MON MTC ROTR TTR		VI4 20-24	DASC		155
				CTV BI	MBIO,I, 2,4,7	152
	APTT	(VQ)	(LG)	RT	OAO,I, 2,4,7	152
HTO,I, 2,4,7 HTO,I, 2,4,7 ▼	TR	RA0 20-24		C & C MT	HTO,I, 2,4,7	
HTKI XOST ▼	TR	SA8 32	A0 25	CM	HTKI	8
			A6 25	DTM		9
		(NO)		TCC		
		(LQ)	RTEA/RTOA 50	TC	XOST	156
		(LS)	RTE/RTO 50	TC		27
HTR MG ▼	TR	SA7 02	TXEI/TXOI 3 48	MT	MG	28
			C5 45	CM	HTR	8
			CI 45	DTM		9
			(NO)			
HTR	LV MTC			TCC		
HTUK ▼	TR	RA2 32	A4 52	CM	HTUK	8
	ETSPD					
	CLVA	(KD)				
HUO,I, 2,4,7 HUO,I, 2,4,7 ▼	TR	RA0 30-34		C & C MT	HUO.I, 2,4,7	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ICK	MTC		WI 42 (NX)	CTV	ICK	153
				TV		
			WO 47 (LJ)	TV		26
IFK LRA NLOO ▼	TR	S6 24	VII 00 (NO)	CTV	NLOO	155
				TCC	IFK	
			EO 50	CM	LRA	57
			EO 50	CM		164
		(IO)				
LLP2	LV MTC		(IN) EI 11	CM	LLP2	164
INC RK ▼	TR	S3 22				
RK	ARET		157 78			
INC	LV MON MTC ROTR TTR		TCA 6 BI 58	CM	INC	8
	APTT	(VQ)				
IR	MTC		WI 22 (NX)	CTV	IR	153
				TV		153
			WO 27 (LJ)	TV		26
IRL	MTC	(OT)	PC2 (5-7) 10T 9	PRT	TRI	37
IRS	MTC LV	(UZ,TO)	TO 59	CM	IRS	8
IRT TGT TR ▼	TR	S7 11	A2 29	CM	TGT	8
			V3 50	TV CTV PCTV	TR	153
	CLVA ETSPD LV MTC		VI 57	TV PCTV		26
	LIT	(KM)	V4 01	ATV PCTV		161
IT	MTC		DI 34	CM	IT	163

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ITR DRT2 NMB1 ▼	TR	S7 31	A4 1 (NO)	CM	ITR	8
				TCC		
			VIO 52 (NJ)	CTV	NMB1	155
				FS 29 26A/B6	DRT2	
JO,I, 2,4,7 JO,I, 2,4 ▼	TR	R8 20-24	B2 40-44	CM	JO,I, 2,4,7	8
			V3 20-24	CDTA		61
	APTT MON MTC ROTR ST TTR		VI 20-24	TV CTV DASC		153
			V3 50-54 (LG)	TV		26
				TAT		152
J'O,I, 2,4,7 OC-CT 0,1,2, 4,7 ▼ J'O,I, 2,4,7	TR	R7 20-24	A5 40-44	CM	J'O,I, 2,4,7	8
	MON		VIO 10-14	CTV DASC	OCO,I, 2,4,7	155
OCAO, ,2,4,7	MTC		AI5 20-24	TV	CTO,I, 2,4,7	55
JCO-4	FS 28 25C9		AO 40-44 (NU)	CM	JEO-4	8
				TCC		
			A6 40-44	DTM		9
JCO TRE (TAO) ▼	TR	RA6 00	(NT) (LH)	FS 28 25D4 RRC RT	JCAO TRE TAO	
JCI TRSA (TAI) ▼	TR	RA6 01	(NT) (LH)	FS 28 25D4 RRC RT	JCAI TRSA TAI	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		B109

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TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JC2 / TRSB (TA2) ▼	TR	RA6 02	NT	FS 28 25D4	JCA2	
			LH	RRC	TRSB	
				RT	TA2	
JC3 / TRA (TA4) ▼	TR	RA6 03	NT	FS 28 25D4	JCA2	
			LH	RRC	TRA	
				RT	TA4	
JC4 / TRA2 (TA7) ▼	TR	RA6 04	NT	FS 28 25D4	JCA4	
			LH	RRC	TRA2	
				RT	TA7	
JC5 / HDA (TBO) ▼	TR	RA6 10	NT	FS 28 25D4	JCA5	
			LH	RRC	HDA	
				RT	TBO	
JC6 / PKA (TB1) ▼	TR	RA6 11	NT	FS 28 25D4	JCA6	
			LH	RRC	PKA	
				RT	TB1	
JC7 / HDB (TB2) ▼	TR	RA6 12	NT	FS 28 25D4	JCA7	
			LH	RRC	HDB	
				RT	TB2	
JC8 / PKB (TB4) ▼	TR	RA6 13	NT	FS 28 25D4	JCA8	
			LH	RRC	PKB	
				RT	TB4	
JC9 / ON (TB7) ▼	TR	RA6 14	NT	FS 28 25D4	JCA9	
			LH	RRC	ON	
				RT	TB7	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JC5-9	FS 28 25C9		A0 45-49	CM	JC5-9	8
			A6 45-49	DTM		9
JCK ▼	TR	SA8 53	AI 45	CM	JCK	8
			A7 45 NO	DTM		9
				TCC		
JGO / SW ▼	TR	RA6 20	A0 50	CM	JGO	8
			A6 50 NO	DTM		9
			NT	TCC		
				RRC	SW	
JG1 / SWI ▼	TR	RA6 21	A0 51	CM	JG1	8
			A6 51 NO	DTM		9
			NT	TCC		
				RRC	SWI	
JG2 / RLK ▼	TR	RA6 22	A0 52	CM	JG2	8
			A6 52 NO	DTM		9
			NT	TCC		
				RRC	RLK	
JG3,4 / RL1,2 ▼	TR	RA6 23,24	A0 53,54	CM	JG3,4	8
			A6 53,54 NO	DTM		9
			NT	TCC		
				RRC	RL1,2	
JSQO	ARET MTC		TI 40	CM	JSQO	8
			T3 40	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JSQ 1-5	MTC		TI 41-45	CM	JSQ 1-5	8
			T3 41-45	DTM		9
JXPA ▼	TR	SA7 10	A4 47	CM	JXPA	8
			A8 47 NO	DTM		9
				TCC		
KO,1, 2,4,7 KO,1, 2,4,7 ▼	TR	R8 30-34	B2 45-49	CM	KO,1, 2,4,7	8
			V3 30-34	CDTA		61
			V2 00-04	TV CTV DASC		153
			V3 00-04 LG	TV		26
APTT MON MTC ROTR ST TTR				TAT		152
K'O,1, 2,4,7 ODO,1, 2,4,7 ▼	TR	R7 30-34	A5 45-49	CM	K'O,1, 2,4,7	8
K'O,1, 2,4,7 ODO,1, 2,4,7	MON MTC		VIO 00-04	CTV DASC	ODO,1, 2,4,7	155
KJSQ	ARET MTC		TI 46	CM	KJSQ	8
			T3 46	DTM		9
KM CPTO ▼	TR	RA4 24	EO 41 SK	CM	KM	164
				DAS		
KM	ETSPD MTC TTR		NT	RRC	CPTO	
LO,1, 2,4 LO,1, ,4 ▼	TR	R8 40-43	B2 50-53	CM	LO,1, 2,4	8
			V7 00-03	TV		154
			V3 10-13 LG	TV		26
	MON MTC ST			TAT		152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
L7 / L7 ▼	TR	R8 44	B2 54	CM	L7	8
			V3 44	CDTA		61
			V7 04	TV		154
			V3 14 LG	TV		26
APTT MON MTC ROTR ST TTR				TAT		152
L'O,1, 2,4,7 OEO,1, 2,4,7 ▼	TR	R7 40-44	A5 50-54	CM	L'O,1, 2,4,7	8
L'O,1, 2,4,7 OEO,1, 2,4,7	MON MTC		VI2 00-04	CTV DASC	OEO,1, 2,4,7	155
LAN	LV MTC		EI 13	CM	LAN	164
LB ▼	TR	S6 13	A0 38 JF,SG	CM	LB	8
	APTT		EI 10			
LCO / RA1 (TCO) ▼	TR	RA7 00	VI 42 LI	TV	RA1	153
			V4 32 LM	TV		158
			NT	RRC		
LCO	MON		LH	RT	TCO	
			NO	TCC	LCO	
RIA	MTC			TL TTL		

MASTER TEST FRAME CONNECTOR CKT

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LC1 / RB1 (TC1) ▼	TR	RA7 01	V3 (LI) 23	TV	RB1	153
			V1 (LL) 42	TV		26
			(NT)	RRC		
	MON	LC1	(LH)	RT	TC1	
			(NO)	TCC	LC1	
	MTC	R1B		TL TTL		
LC2 / RC1 (TC2) ▼	TR	RA7 02	V9 (LO) 22	TV	RC1	154
			V4 (LM) 22	TV		158
			(NT)	RRC		
	MON	LC2	(LH)	RT	TC2	
			(NO)	TCC	LC2	
	MTC	R1C		TL TTL		
LC3 / RD1 (TC4) ▼	TR	RA7 03	V3 (LI) 42	TV	RD1	153
			V1 (LL) 53	TV		26
			(NT)	RRC		
	MON	LC3	(LH)	RT	TC4	
			(NO)	TCC	LC3	
	MTC	R1D		TL TTL		
LC4 / RA2 (TC7) ▼	TR	RA7 04	V1 (LI) 43	TV	RA2	153
			V4 (LM) 33	TV		158
			(NT)	RRC		
	MON	LC4	(LH)	RT	TC7	
			(NO)	TCC	LC4	
	MTC	R2A		TL TTL		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LC5 / RB2 (ID0) ▼	TR	RA7 10	V3 (LI) 24	TV	RB2	153
			V1 (LL) 43	TV		26
			(NT)	RRC		
	MON	LC5	(LH)	RT	ID0	
			(NO)	TCC	LC5	
	MTC	R2B		TL TTL		
LC6 / RC2 (ID1) ▼	TR	RA7 11	V9 (LO) 23	TV	RC2	154
			V4 (LM) 23	TV		158
			(NT)	RRC		
	MON	LC6	(LH)	RT	ID1	
			(NO)	TCC	LC6	
	MTC	R2C		TL TTL		
LC7 / RD2 (ID2) ▼	TR	RA7 12	V3 (LI) 43	TV	RD2	153
			V1 (LL) 54	TV		26
			(NT)	RRC		
	MON	LC7	(LH)	RT	ID2	
			(NO)	TCC	LC7	
	MTC	R2D		TL TTL		
LC8 / RA3 (ID4) ▼	TR	RA7 13	V1 (LI) 44	TV	RA3	153
			V4 (LM) 34	TV		158
			(NT)	RRC		
	MON	LC8	(LH)	RT	ID4	
			(NO)	TCC	LC8	
	MTC	R3A		TL TTL		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LC9 / RB3 (ID7) ▼	TR	RA7 14	V3 (LI) 30	TV	RB3	153
			V1 (LL) 44	TV		26
			(NT)	RRC		
	MON	LC9	(LH)	RT	ID7	
			(NO)	TCC	LC9	
	MTC	R3B		TL TTL		
LCD 0-2 / LCD 0-2 ▼	TR	R3 42-44	B5 16-18	CM	LCD 0-2	8
	MTC		VII 04,10,11	CTV DASC		155
LCH / VG4 ▼	TR	RA1 32	A3 54	CM	LCH	8
			VI 34	TA	VG4	60
LCK / XRA ▼	TR	SA8 43	C0 55	CM	LCK	8
			C4 55	DTM		9
			(NO)	TCC		
	LV MTC	LCK	VI4 04	CTV	XRA	155
LDN / - ▼	TR	RA4 11	E0 01	CM	LDN	164
	ETSPD LV MTC					
LDT / NMF ▼	TR	S7 04	C2 4	CM	LDT	8
			C5 58	DTM		9
			(NO)	TCC		
			VI0 50	CTV	NMF	155
LESI	MTC		D1 12	CM	LESI	163
LESK	MTC		D1 03	CM	LESK	163

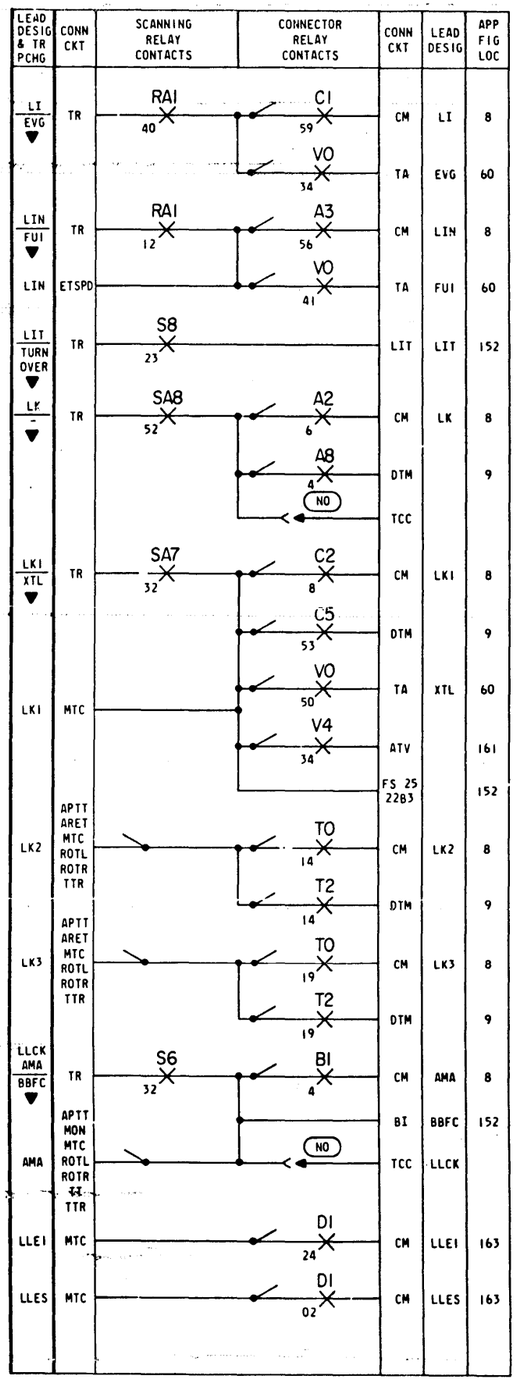
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LFK / XRTL ▼	TR	SA8 34	AI 25	CM	LFK	8
			A7 25	DTM		9
			(NO)	TCC		
	CLVA	LFK	(KD)			
			(LQ) RTEA/RTOA 53	TC	XRTL	156
	ETSPD		(LS) RTE/RTO 53	TC		27
LFKI / RD3 (OT) ▼	TR	RA7 21	V3 (LI) 44	TV	RD3	153
			V1 (LL) 56	TV		26
			(NT)	RRC		
			(LH)	RT	OT	152
			E0 (TA) 53	CM	LFKI	164
			E0 53	CM		57
LH / LST ▼	TR	R3 24	C3 57	CM	LST	8
	SSI		(OB) V7 20	TV		154
LST	MTC		V2 16	TV		26
			(RX) VII 54	CTV DASC		155
LHM	APTT CLVA ETSPD LV MTC ROTL ROTR TTR		TI 32	CM	LHM	8
			T3 32	DTM		9
LHMT	APTT ARET LV MTC ROTL ROTR TTR		TI 33	CM	LHMT	8
			T3 33	DTM		9

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
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TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

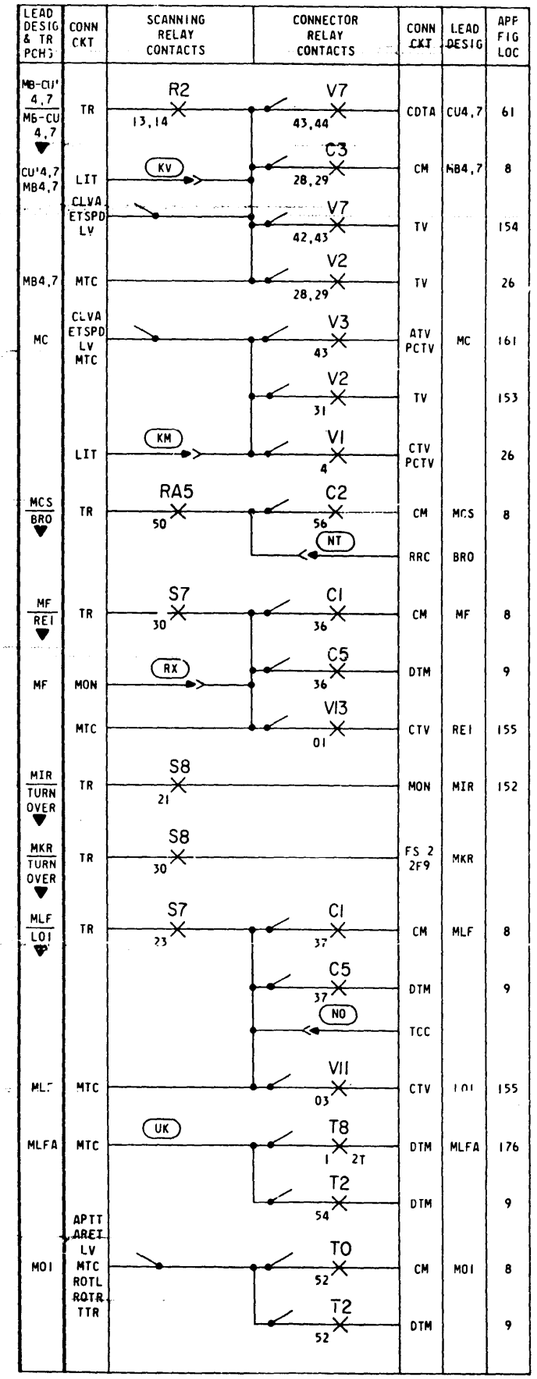
DWG SIZE 6S | ISSUE 98B

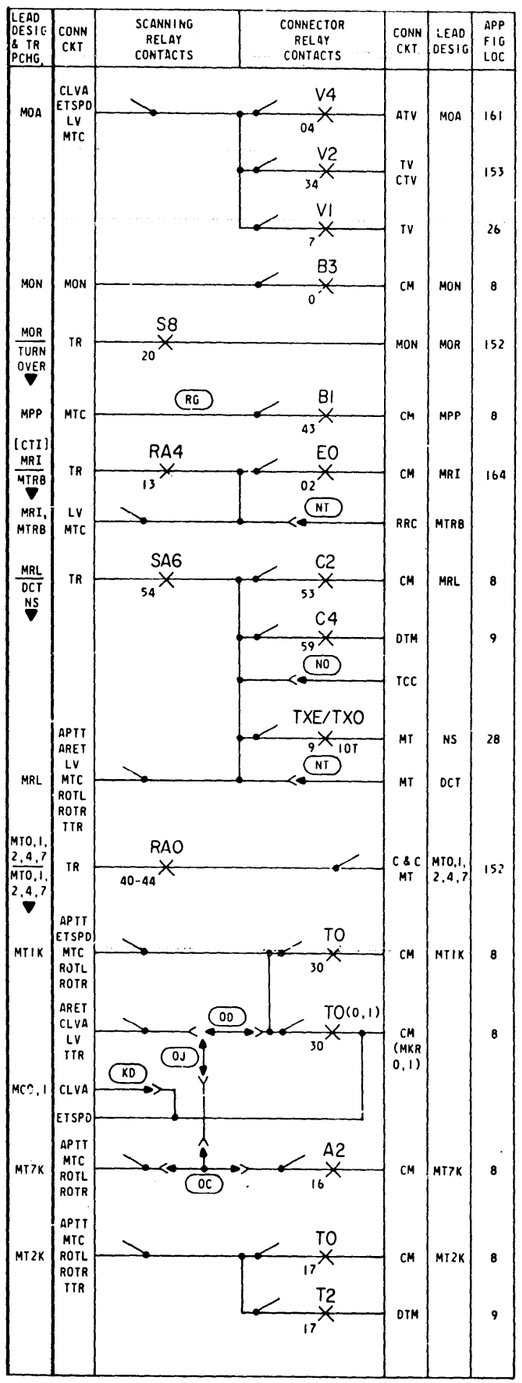
BELL LABORATORIES | SD-25805-01- | B112

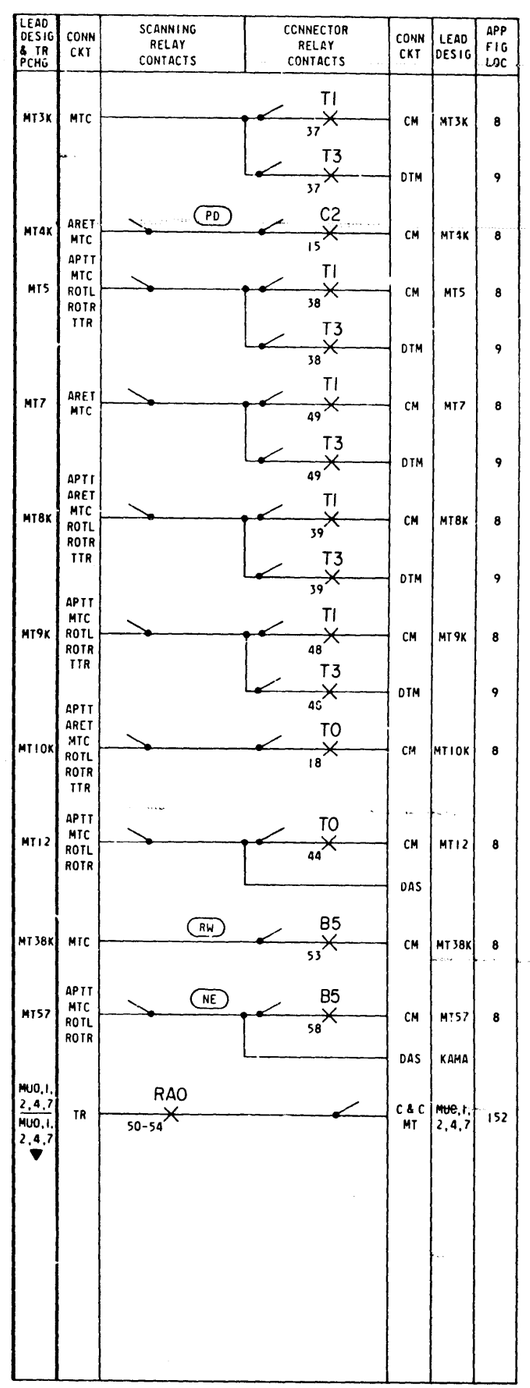
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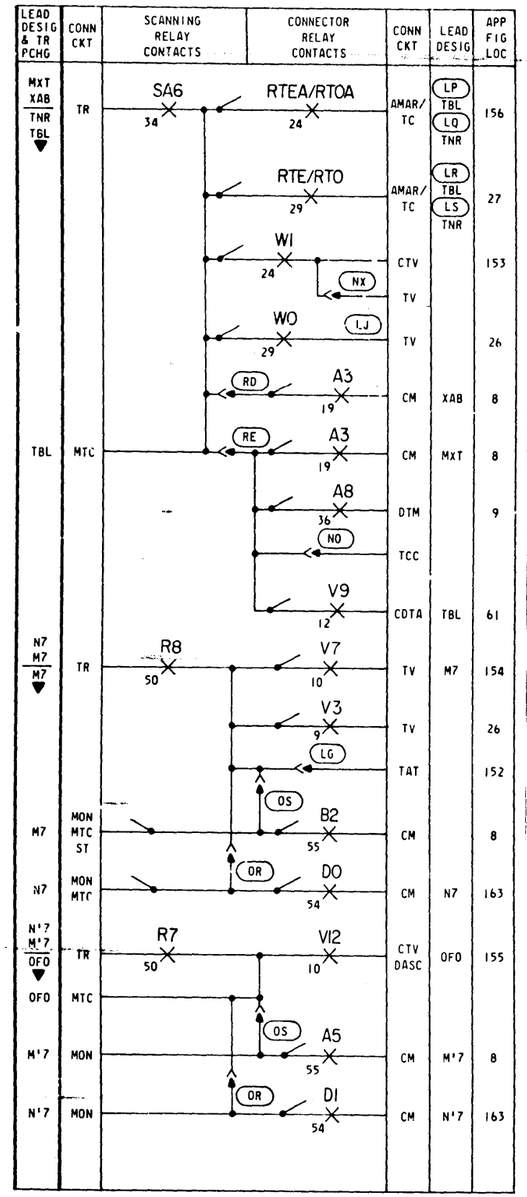
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 8113

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
(CGC) NAC (TTO) ▼	TR	R4 34	V2 (LI) 43	TV	NAC	153
			VI (LL) 12	TV		26
				WC	TTO	152
NAMA	MTC		C3 0	CM	NAMA	8
NDI DR4 ▼	TR	RA7 53	A2 24 (NT)	CM	NDI	8
				RRC	DR4	
NDK DR7 ▼	TR	RA7 54	BI 1 (NT)	CM	NDK	8
NDK	MON			RRC	DR7	
NDT	APTT LV MTC ROTR		C0 58	CM	NDT	8
NE ▼	TR	SA8 03	A4 7	CM	NE	8
NGCTO TSQ0 TST (DACA) ▼	TR	RA4 00	(NT) (NO)	NGC NG&C	NGCTO	
				RRC	TST	
				TCC	TSQ0	
				DAPC	DACA	
NGCT1 TSQ1 EX1 (DACB) ▼	TR	RA4 01	(NT) (NO)	NGC NG&C	NGCT1	
				RRC	EX1	
				TCC	TSQ1	
				DAPC	DACB	
NGCT2 TSQ2 EX2 ▼	TR	RA4 02	(NT) (NO)	NGC NG&C	NGCT2	
				RRC	EX2	
				TCC	TSQ2	
NGCT3 TSQ4 CHO ▼	TR	RA4 03	(NT) (NO)	NGC NG&C	NGCT3	152
				RRC	CHO	
				TCC	TSQ4	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NGCU 0,1 THO,1 (RTO,1) ▼	TR	RA3 00,01	(LG) TI 20,21	RTC	RTO/1	8
				DAPC	DACO,1	152
				NGC NG&C	NGCO,1	152
			(LG)	RT	THO,1	152
THO,1	CLVA ETSPD LV MTC		V6 00,01	TV		154
			VO 10,11	TV		26
			V3 00,01	ATV		161
	LIT	(KM)	V5 00,01	CDTA		61
NGCU2 TH2 ▼	TR	RA3 02		DAPC	DAC2	152
				NGC NG&C	NGC2	152
			(LG)	RT	TH2	152
TH2	CLVA ETSPD LV MTC		V6 02	TV		154
			VO 12	TV		26
			V5 02	CDTA		61
	LIT	(KM)	V3 02	ATV		161
NGCU 3,4 TH3,4 (TH4,7) ▼	TR	RA3 03,04		NGC NG&C	NGC3,4	152
			(LG)	RT	TH4.7	152
TH3,4	CLVA ETSPD LV MTC		V6 03,04	TV	TH3,4	154
			VO 13,14	TV		26
			V5 03,04	CDTA		61
	LIT	(KM)	V3 03,04	ATV		161

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NGCU 5-9 TH5-9 ▼	TR	RA3 10-14		NGC NG&C	NGC 5-9	152
			V6 10-14	TV	TH5-9	154
TH5-9	CLVA ETSPD LV MTC		VO 15-19	TV		26
			V5 10-14	CDTA		61
	LIT	(KM)	V3 10-14	ATV		161
NGK DUAL (S4) ▼	TR	RA2 24	B2 59	CM	NGK	8
NGK	MTC		V9 11 (LG)	CDTA	DUAL	61
	LV CLVA ETSPD			RT	S4	152
NH ▼	TR	R5 53	C2 17	CM	NH	8
	CLVA LV MTC					
	APTT	(SG)				
	ETSPD	(KX)				
NN						
NMR BR2 ▼	TR	RA5 52	C2 (UW) 14 (NT)	CM	NMR	8
				RRC	BR2	
NN ORC1 ORC1 ▼	TR	R5 51	C2 16	CM	NN	8
NN ORC1	MTC					
NN	ETSPD	(KW)	VI2 41	CTV DASC	ORC1	155
NOB NOB ▼	TR	S2 22	C3 36	CM	NOB	8
			V4 12	ATV		161
	APTT ARET CLVA ETSPD LV MTC ROTL ROTR		V2 21	TV CTV DASC		153
			V2 11	TV		26
	LIT	(KV)	V3 53	CDTA		61

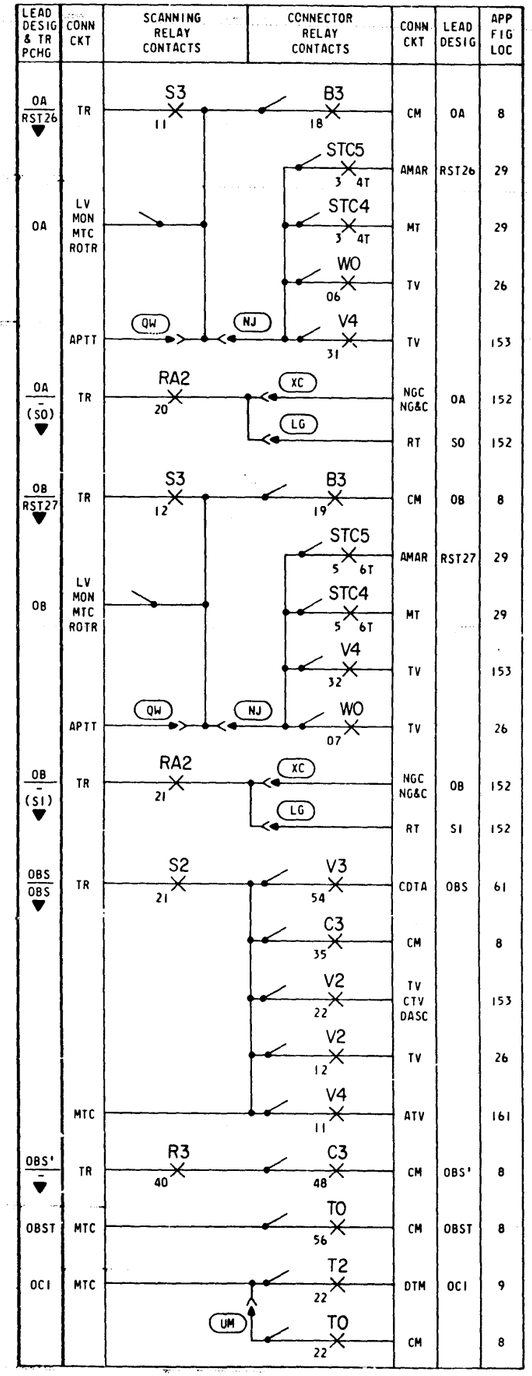
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NOB' ▼	TR	R3 41	C3 49	CM	NOB'	8
NOBT	MTC TTR		TO 57	CM	NOBT	8
NOC DLI ▼	TR	RA7 41	(VM) A2 17 (NT)	CM	NOC	8
				RRC	DLI	
NR ▼	TR	RA2 54	A4 6	CM	NR	8
NSI DRA8 ▼	TR	S7 52	A2 23	CM	NSI	8
				FS 29 26A/B7	DRA	
NSO DRA7 ▼	TR	S7 51	A2 22	CM	NSO	8
				FS 29 26A/B8	DRA	
NSP ▼	TR	S3 43	(PS) A0 27	CM	NSP	8
NT ORCO ORCO ▼	TR	R5 50	C2 18	CM	NT	8
NT ORCO	MTC		VI2 40	CTV DASC	ORCO	155
NTCW	MTC	(OG)	HO 13	CM	NTCW	198
NTH	ARET MTC		TO 20	CM	NTH	8
			T2 20	DTM		9
NTT ▼	TR	R4 53	C2 54	CM	NTT	8
	MTC					
NTVB	MTC	(OG)	HO 14	CM	NTVB	198

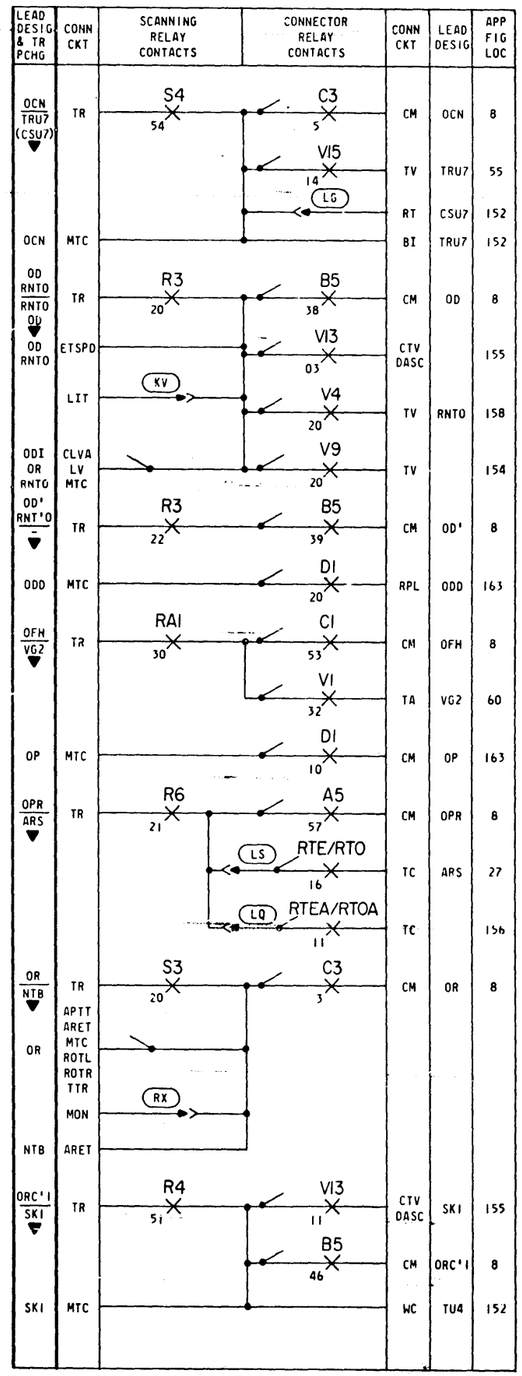
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B114

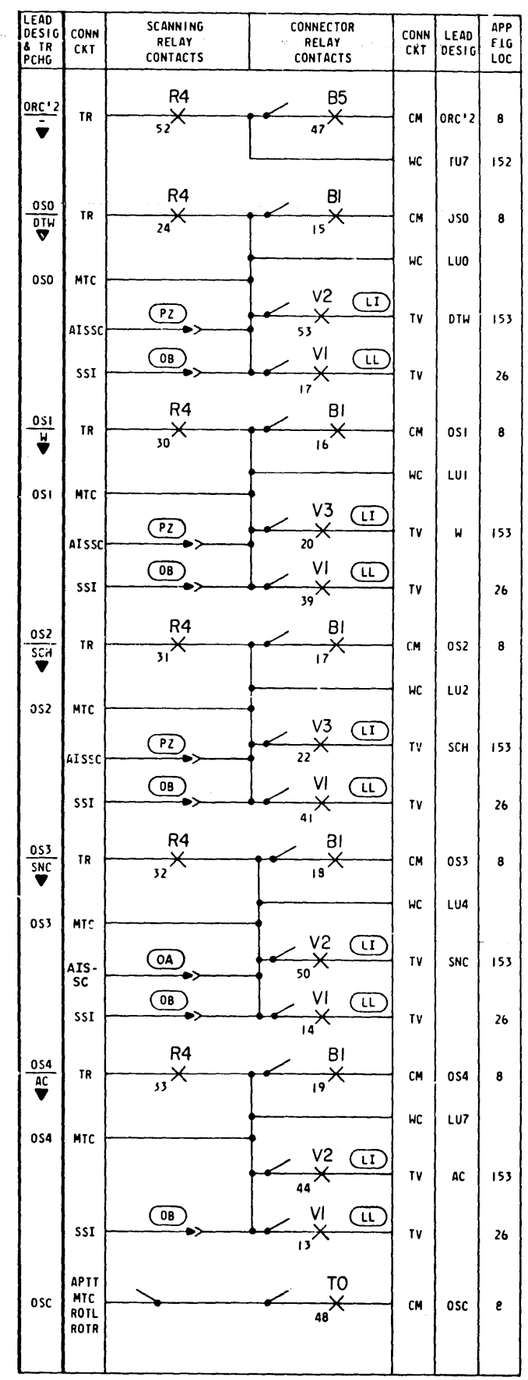
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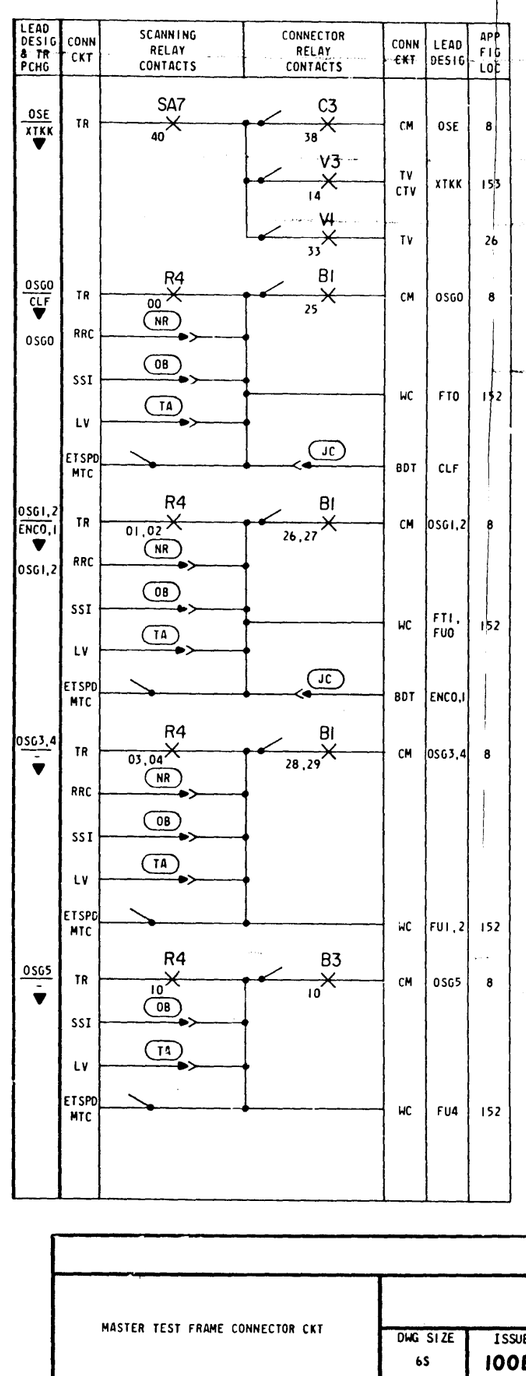
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 100B

BELL LABORATORIES | SD-25805-01- | 8115

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TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OSG 6-9 / -	TR	R4 11-14 (OB)	B3 11-14	CM	OSG 6-9	8
	SSI	(TA)				
	LV					
	ETSPD MTC			WC	FU7, GRPO,1, LTO	152
OSG 10,11 / -	TR	R4 20,21 (OB)	B5 28,29	CM	OSG 10,11	8
	SSI	(TA)				
	LV					
	ETSPD MTC			WC	LT1,2	152
OSK / XTP / XPI	TR	SA7 41	C3 39	CM	OSK	8
			RTE/RTO 8	AMAR/ TC	(LR) XPI (LS) XTP	27
	OSK MTC		RTEA/RTOA 03	AMAR/ TC	(LP) XPI (LQ) XTP	156
OST2 / XUI	TR	SA7 43	A2 12	CM	OST2	8
			RTE/RTO 47	AMAR/ TC	XUI	27
			RTEA/RTOA 42	AMAR/ TC		156
OTT / DRI	TR	RA7 51 (KU)	C0 59 (NO)	CM	OTT	8
OTT	ROTR			TCC		
	APTT MTC	(NT)		RRC	DRI	
OV / VGO	TR	RA1 23	C1 51	CM	OV	8
OV	INTF ROTR					
	APTT	(JE)	V1 30	TA	VGO	60
	OVFO MTC		D1 21	RPL	OVFO	163
	OVF1 MTC		D1 22	RPL	OVF1	163
	OVK MTC	(UN)	T0 11	CM	OVK	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PO-4 CLO,1, 2,4,7 / ▼	TR	RA6 40-44	A1 50-54	CM	PO-4	8
			A7 50-54 (NO)	DTM		9
			(NT)	TCC		
				RRC	CLO,1, 2,4,7	
P5-9 CRO,1, 2,4,7 / ▼	TR	RA6 50-54	A1 55-59	CM	P5-9	8
			A7 55-59 (NO)	DTM		9
			(NT)	TCC		
				RRC	CRO,1, 2,4,7	
PA CRT / ▼	TR	RA6 31	A1 46	CM	PA	8
			A7 46 (NO)	DTM		9
			(NT)	TCC		
				RRC	CKT	
	PA MTC	WI 52 (NX)		CTV	PA	153
				TV		153
		WO 57 (LJ)		TV		26
PAN SA / ▼	TR	RA4 14	E0 03	CM	PAN	164
	ETSPD LV MTC	(NT)		RRC	SA	
PB ETM / ▼	TR	RA6 32	A1 47	CM	PB	8
			A7 47 (NT)	DTM		9
				RRC	ETM	
PBN FT4 / ▼	TR	RA1 04	A4 55	CM	PBN	8
			V0 24	TA	FT4	60
PBX	MTC	(QA)	T1 03	CM	PBX	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PBXI SPU0 / ▼	TR	RA2 40 (E)	C3 9	CM	PBXI	8
PBXI	MTC		V8 50	CDTA	SPU0	61
PC SP / ▼	TR	RA6 33	A1 48	CM	PC	8
			A7 48 (NT)	DTM		9
				RRC	SP	
PCD RGI / ▼	TR	S3 31	5B (157) TCA 4	BI CTV	RGI	152
PCD	MON MTC ROTR TTR		B1 48	CM	PCD	8
	APTT	(QW)				
	LV	(QZ)				
PCDI RG2 / ▼	TR	S3 32	4T (157) TCA 3	BI CTV	RG2	152
PCDI	MON MTC ROTR TTR		B1 49	CM	PCDI	8
	APTT	(QW)				
	LV	(QZ)				
PCR RG0 / ▼	TR	S3 30	6T (157) TCA 5	BI CTV	RG0	152
PCR	MON MTC ROTR TTR		B1 47	CM	PCR	8
	APTT	(VQ)				
	LV	(QZ)				
PD / - / ▼	TR	S2 01	B2 57	CM	PD	8
	MON MTC					
PDK	MTC	(TT)	T1 11	CM	PDK	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PE WTL / ▼	TR	RA6 34	B5 30	CM	PE	8
			B6 30 (NT)	DTM		9
				RRC	WTL	
PERF 0-2 PERF 0-2 / ▼	TR	RA1 52-54		FS 2 2G6	PERF 0-2	
PHC RST28 / ▼	TR	S3 13	B1 45	CM	PHC	8
			W0 08	TV		26
PHC	MON MTC		V4 33	TV	RST28	153
			STC4 7 8T	MT		29
	APTT	(QW) (NJ)	STC5 7 8T	AMAR		29
PK / - / ▼	TR	S2 02	B2 58	CM	PK	8
	APTT ARET MON MTC ROTL ROTR TTR	(NO)		TCC		
PLL	MTC	(RG)	B1 42	CM	PLL	8
PN FT1 / ▼	TR	RA1 01	V0 21	TA	FT1	60
PN	ETSPD		A4 49	CM	PN	8
PNR / - / ▼	TR	RA6 30	A1 49	CM	PNR	8
			A7 49 (NO)	DTM		9
				TCC		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
POTS / MTRA	TR	RA4 12	EO 00 (TA)	CM	POTS	164
			EO 00 (NT)	CM		57
	CLVA ETSPD LV MTC TTR			RRC	MTRA	
PR / RB4 (DAC)	TR	RA7 23	AO 58	CM	PR	8
			A6 58 (NT)	DTM		9
			(LG)	RRC	RB4	152
				RT	DAC	
PRI	MTC	(JD)	DI 04	CM	PRI	163
PRLT	MTC		VI2 53	CTV DASC	PRLT	155
PRR FLG / DRA5	TR	S7 44	CO 39 (NO)	CM	FLG	8
FLG	ETSPD			TCC	PRR	
	CLVA	(KD)		FS 29 26A/B8	DRA	
PS / RNT2	TR	S2 00	B2 56 (NO)	CM	PS	8
				TCC		
PS	MON MTC		(NJ) V4 40	TV	RNT2	153
PSI	TR	AB3 10 (LD)	B5 33	CM	PSI	8
	MTC					
PSR	TR	S7 22 (WR)	A4 0	CM	PSR	8
PTK	TR	RA2 34	CI 56	CM	PTK	8
	CLVA ETSPD LV					
PTN / FTO	TR	RAI 00	VO 20	TA	FTO	60
PTN	ETSPD		A4 51	CM	PTN	8
PUL / VG3	TR	RAI 31	A4 44	CM	PUL	8
			VI 33	TA	VG3	60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RA	TR	S6 21	CI 44	CM	RA	8
	APTT INTF MTC ROTL ROTR TTR		C5 44 (NO)	DTM		9
				TCC		
RBT	APTT ARET MTC ROTL ROTR TTR		TO 54	CM	RBT	8
RBTI	APTT ARET MTC ROTL ROTR TTR		C2 49	CM	RBTI	8
RC	LV MTC ROTR		TO 12	CM	RC	8
	APTT	(SG)	T2 12	DTM		9
RCK2	TR	RAI 43	CI 58	CM	RCK2	8
RCK3	TR	RAI 44	A2 18	CM	RCK3	8
RCT	APTT LV MTC ROTL ROTR		TO 43	CM	RCT	8
RCTI / RCDI PRL	TR	SA3 30	C2 31	CM	RCTI	8
			V8 33	CDTA	RCDI	61
RCTI	APTT ETSPD LV MTC			BI CTV	PRL	152
RCT2 / NRDO 2L	TR	SA3 31	C2 32	CM	RCT2	8
			V8 34	CDTA	NRDO	61
	LV MTC			BI CTV	2L	152
		(PV)	WO 18	TV		26
			V8 53	TV		154

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCT3 / NRDI 4L	TR	SA3 32	C2 33	CM	RCT3	8
			V8 40	CDTA	NRDI	61
RCT3	LV MTC			BI CTV	4L	152
		(PV)	WO 19	TV		26
			V8 54	TV		154
RCT4 / CK	TR	SA3 33	C2 34	CM	RCT4	8
RCT4	LV MTC			BI	CK	152
RCT5 / ABX	TR	SA3 34	C2 35	CM	RCT5	8
RCT5	LV MTC			BI	ABX	152
RCT6 / VTC	TR	SA3 40	C2 36	CM	RCT6	8
RCT6	LV MTC			BI	VTC	152
RCT7 / TC	TR	SA3 41	C2 37	CM	RCT7	8
RCT7	LV MTC			BI	TC	152
RCT8 / ROPI	TR	SA3 42	C2 38	CM	RCT8	8
RCT3	LV MTC			BI	ROPI	152
RCT9 / RSGI	TR	SA3 43	C2 39	CM	RCT9	8
RCT9	LV MTC			BI	RSGI	152
RCT10 / RSG2	TR	SA3 44	C2 40	CM	RCT10	8
RCT10	LV MTC ROTL ROTR			BI	RSG2	152
RCT11 / RSG3	TR	SA3 50	C2 41	CM	RCT11	8
RCT11	LV MTC			BI	RSG3	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCT12 / OTK	TR	SA3 51	C2 42	CM	RCT12	8
RCT12	LV MTC			BI	OTK	152
RCT13 / TTK	TR	SA3 52	C2 43	CM	RCT13	8
RCT13	LV MTC			BI	TTK	152
RCT14 / MBK	TR	SA3 53	C2 44	CM	RCT14	8
RCT14	LV MTC			BI	MBK	152
RCT15 / SLU	TR	SA3 54	C2 45	CM	RCT15	8
RCT15	LV MTC		V9 24	CDTA	SLU	61
RCY	TR	S6 20	A2 38	CM	RCY	8
	INTF	B5 59 (KG)	(NO)	TCC		
	MTC	(KG) (KH)	A8 56	DTM		9
		(KF,RI)	(?) T2 46 (KF,RI)			
RDL	MTC		WI 44 (NX)	CTV	RDL	153
			WO 49 (LJ)	TV		
				TV		26
RE	MTC	(UN)	TO 22	CM	RE	8
RF / RD4	TR	RA7 30	(NT)	FS 28 25F4 RRC	RFA RD4	
RF	FS 28 25F9		AO 55	CM	RF	8
	INTF		A6 55	DTM		9

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		8117

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RG	MTC		DI 43	CM	RG	163
RG 20-23 / TRTO, 1,2,4 (CSTO, 1,2,4) ▼	TR	S4 40-43	VI5 00-03	TV	TRTO, 1,2,4	55
			RCG2 3-9 4-10B	PRTC-ORP	RG 20-23	35
				BI	TRTO, 1,2,4	152
			LG	RT	CSTO, 1,2,4	152
RH L5D / L5D ▼	TR	R3 30	C3 56	CM	L5D	8
RH	SSI	OB	V7 23	TV		154
L5D	MTC		V2 19	TV		26
RI / FU4 ▼	TR	RA1 20	VO 44	TA	FU4	60
RI	CLVA ETSPD LV MTC		BI 8	CM	RI	8
RIP / SB ▼	TR	RA4 20 (UZ) (TO)	E0 04 (UZ) (TO)	CM	RIP	8 OR 164
			B5 27 (NT)			
	ETSPD LV MTC			RRC	SB	
RK / XRE ▼	TR	SA8 51	A2 5	CM	RK	8
			A8 53 (NO)	DTM		9
				TCC		
			V7 12 (LO)	TV	XRE	154
			V2 1 (LL)	TV		26
RKI / ORK ▼	TR	SA8 24	AI 21	CM	WN ORK WM RKI	8
			A7 21 (NO)	DTM	RKI	9
				TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RK2 / - ▼	TR	SA8 30	AI 22	CM	RK2	8
			A7 22 (NO)	DTM		9
				TCC		
RK3 / XS ▼	TR	SA8 44	AI 23	CM	RK3	8
			A7 23 (NO)	DTM		9
				TCC		
			VI4 03	CTV	XS	155
			V6 31 (LO)	TV		154
			VO 8 (LL)	TV		26
RL / OC MO ▼	TR	SA7 01	V8 04	CDTA	OC	61
			TXEI/TXOI 9 10B	MT	MO	28
			A2 8 (NO)	CM	RL	8
				TCC		
RLA	MTC		V3 41	ATV	RLA	161
			VI 6	TV		26
			V2 41	TV CTV PCTVC		153
RN-SPC-ITC-0 / CGA ▼	TR	R3 00	C3 37	CM	ONN	8
ONN	MTC		V7 50	CDTA	CGA	61
RN-SPC-ITC-1 / CGB ▼	TR	R3 01	V7 51	CDTA	CGB	61
YT ISE YS ITB	MTC		C3 11	CM	YT ISE YS ITB	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RN-SPC-ITC-2 / - ▼	TR	R3 02	C3 12	CM	YS 2MB YT 2SA	8
YS 2MB YT 2SA RN-SPC-ITC-3 / MTO ▼	MTC					
	TR	R3 03	C3 13	CM	YS 3FB YT 3NA	8
YS 3FB YT 3NA RN-SPC-ITC-4 / MT1 ▼	MTC		V7 13	CDTA	MTO	61
	TR	R3 04	C3 14	CM	YT 4NE YS 4TT	8
YT 4NE YS 4TT RN-SPC-ITC-5 / MUO ▼	LV MTC		V7 14	CDTA	MT1	61
	TR	R3 10	C3 15	CM	YS 5MT YT 5ST	8
YS 5MT YT 5ST RN-SPC-ITC-6 / MU1 ▼	MTC		V7 20	CDTA	MUO	61
	TR	R3 11	C3 16	CM	YS 6FT YT 6NT	8
YS 6FT YT 6NT RN-SPC-ITC-7 / MU2 ▼	LV MTC		V7 21	CDTA	MU1	61
	TR	R3 12	C3 17	CM	YT 7RN YS 7TP	8
YT 7RN YS 7TP RN-SPC-ITC-8 / MU4 ▼	MTC		V7 22	CDTA	MU2	61
	TR	R3 13	C3 18	CM	YS 8MP YT 8SP	8
YS 8MP YT 8SP	MTC		V7 23	CDTA	MU4	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RN-SPC-ITC-9 / MU7 ▼	TR	R3 14	C3 19	CM	YS 9FP YT 9NP	8
YS 9FP YT 9NP	LV MTC		V7 24	CDTA	MU7	61
RN-VU 0-2 / RNO-2 ▼	TR	R2 20-22	C3 20-22	CM	RNO-2	8
VUO-2	SSI	OB	VI 30-32	TV CTV		153
RNO-2	MTC		V2 30-32	TV		26
RN-VU 4,7 / RN4,7 ▼	TR	R2 23,24	C3 23,24	CM	RN4,7	8
VU4,7	SSI	OB	VI 33,34	TV CTV		153
RN4,7	ETSPD CLVA LV MTC					
	LIT	KV	V2 33,34	TV		26
RNG / - ▼	TR	RA2 53	A4 43	CM	RNG	8
	ETSPD CLVA	KD				
RNK / XOF ▼	TR	SA7 50	B3 9	CM	RNK	8
			V6 44	TV	XOF	154
			VI 35	TV		26
RNT2 / XCK ▼	TR	SA7 44	A2 27	CM	RNT2	8
			V3 20 (NX)	CTV	XCK	153
			VI 39 (LJ)	TV		26

MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		8118

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RNT'2 ORC'0 SKO	TR	R4 50	VI3 10	CTV DASC	SKO	155
			B5 45	CM	RNT'2 ORC'0	8
SKO	MTC			WC	TU2	152
RNT20	TR	AB0 (NJ) 2	A2 15	CM	RNT20	8
	MTC					
RO	TR	S3 44	BI 59	CM	RO	8
	MON MTC					
RO'	TR	R4 40	A2 1	CM	RO'	8
	MTC	(PZ)		WC	TTI	152
ROA DRA4 (DRA7)	TR	S7 43	A4 5	CM	ROA	8
		(OF)	B4 19	DTM		9
				FS 29 26A/B7	DRA	
		(LG)		RT	DRA7	152
ROG	APTT MTC ROTL ROTR TTR	TO 47		CM	ROG	8
ROH	MTC	(LD)	B5 34	CM	ROH	8
ROPT	MTC		VI3 51	CTV DASC	ROPT	155
ROT	MTC TT		B3 4	CM	ROT	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ROTL MTPT MTPT	TR	S8 02		MROTL ROTL ROTR	ROTL	
				MTC	MTPT	152
RP	TR	R6 53	B3 17	CM	RP	8
	APTT ARET MON MTC ROTL ROTR TTR					
RP-RA 0-3 [TIA 0-3]	TR	S6 03,04, 10,11	BI (ZM) 35-38	TRC IRMC	RPO 1,2,3	8
			(ZN)	TRC IRMC		152
			(NO)	TCC	RA0, 1,2,3	
RP-RA 4	TR	S6 12	BI (ZM) 39	TRC IRMC	RP4	8
			(ZN)	TRC IRMC		152
			(NO)	TCC	RA4	
RPAB 4W	TR	S6 01	V6 (LN,UI) 40	TV	4W	154
			V4 (LK,UI) 44	TV		158
			BI (Q) 6	TRC IRMC	RPAB	8
4WT	CLVA ETSPD LV MTC		(ZP)	TRC IRMC		152
RPB 2W	TR	S6 00	V6 (LN,UI) 34	TV	2W	154
			V4 (LK,UI) 43	TV		158
2WT	LIT	(KV)	BI (Q) 5	TRC IRMC	RPB	8
	CLVA ETSPD LV MTC		(ZP)	TRC IRMC		152

LEAD DESIG & TP PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RPK	TR	R6 54	A5 58	CM	RPK	8
RPSA TTT	TR	S6 02	(TM) V3 54	ATV TV	TTT	153
			V3 8	TV		26
			BI (ZQ) 40	TRC IRMC	RPSA	8
			(ZP)	TRC IRMC		152
RR PRCY	TR	S6 22	C3 53	CM	PRCY	8
	INTF		(NO)	TCC	RR	
RS-TP 0 WSF	TR	RA5 30	C2 20	CM	RS0	8
RS0	ETSPD MTC ROTR		(NO)	TCC	TP0	
	APTT	(SG)				
	LV	(RQ)	(NT)	RRC	WSF	
RS-TP 1 CTBL	TR	RA5 31	C2 21	CM	RS1	8
RS1	ETSPD MTC ROTR		(NO)	TCC	TP1	
	APTT	(SG)				
	LV	(RQ)	(NT)	RRC	CTBL	
RS-TP 2 LCPT	TR	RA5 32	C2 22	CM	RS2	8
			(NO)	TCC	TP2	
R.2	MTC		(NT)	RRC	LCPT	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RS-TP 3 ECT	TR	RA5 33	C2 23	CM	RS3	8
			(NO)	TCC	TP3	
RS3	MTC		(NT)	RRC	ECT	
RS-TP 4	TR	RA5 34	C2 24	CM	RS4	8
RS4	MTC		(NO)	TCC	TP4	
RS5-8 BL0,1, 2,4	TR	RA5 40-43	C2 25-28	CM	RS5-8	8
RS5-8	MTC		(NT)	RRC	BL0, 1,2,4	
RS9 BL7	TR	RA5 44	C2 29	CM	RS9	8
RS9	MTC					
BL7, RS9	LV	(RQ)	(NT)	RRC	BL7	
RSC XICK	TR	SA7 23	A2 10	CM	RSC	8
			V3 11	CTV TV	XICK	153
			VI 30	TV		26

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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TABLE 18 (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RSK / OVG	TR	RA1 34	C2 30	CM	RSK	8
	RSK	SG				
	APTT ROTR					
	ETSPD LV MTC		V0 33	TA	OVG	60
RT	MTC		D1 44	CM	RT	163
RTO-4	TR	R6 33,34, 40-42		JLK	RTO-4	152
			NO	TCC	RTO-3	
RTO	MTC	UK	T2 33	DTM	RTO	9
			T8 1 28	DTM		176
RTI	MTC	UK	T2 43	DTM	RTI	9
			T8 3 48	DTM		176
RT2	MTC	UK	T2 44	DTM	RT2	9
			T8 5 6B	DTM		176
RT3	MTC	UK	T2 50	DTM	RT3	9
			T8 7 8B	DTM		176
RTC	MTC	OY	B5 42	CM	RTC	8
RV / DRA1	TR	S7 40	A5 59	CM	RV	8
				FS 29 26A/B7	DRA1	
		LG		RT		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RVI	TR	R4 44	A2 25	CM	RVI	8
	MTC					
	ROTR	KQ	PQ	WC	TVI	152
SO-9	CLVA ETSPD LV MTC ROTR		T0 25-29, 35-39	CM	SO-9	8
	APTT	SG				
SO-14 / SO-14	TR	R5 14, 20-24, 30-34, 40-43		CTVC OS OSC OSC-SP	SO-9	152
				ATVC		152
				TVC	SO-14	152
				LIT	S1-9	152
SAE	TR	RA2 51	A4 57	CM	SAE	8
	APTT MTC ROTL ROTR TTR		T0 50	CM	SB	8
SBT	APTT MTC ROTR TTR		T0 33	CM	SBT	9
SC / SC	TR	R3 33	VI 53	TA	SC	60
			VI 53	ATV		161
			C3 59	CM		8
			V2 23	CTV TV		153
			V2 15	TV		26
[BLT] / SC	TR	RA4 21	NT	RRC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SCB / DRA6	TR	S7 50	C2 7	CM	SCB	8
	SCB MTC			FS 29 26A/B7	DRA	
SCK	TR	S2 10	B3 7	CM	SCK	8
	APTT ARET LV MON MTC ROTL ROTR TTR					
SCN	TR	S2 04	B3 6	CM	SCN	8
	MON MTC					
SCT	MON	B1 0	SEE NOTE 101 P			
[DAT] / SD	TR	RA4 22	NT	RRC	SD	
SDG LT / RST20	TR	S3 00	B3 27	CM	LT	8
			V9 40 FIRST, SECOND AND THIRD FIG 37 ONLY	CDTA		61
	LT LV	RC				
	APTT ARET MON MTC ROTL ROTR TTR		PC0 12T 11	PRT		37
			NO	TCC	SDG	
		NJ				
			V4 20	TV	RST20	153
			STC4 1 28	MT		29
			STC5 1 28	AMAR		29
			W0 00	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SDT / TM2 / TM3T	TR	S7 03	C2 3	CM	SDT	8
			C5 57	DTM		9
			NO	TCC		
			VI 41	CTV TV	TM2, TM3T	153
			VI 46	TV	TM2	26
			VI 51	ATV		161
			V9 52	CDTA		61
SEF / -	TR	RA7 32		FS 28 25E4	SEFA	
SEF	FS 28 2592 INTF		B5 23	CM	SEF	8
		NM	B6 23	DTM		9
		NN	A8 51	DTM		9
SF / RA4 (BE)	TR	RA7 22	A0 57	CM	SF	8
			A6 57	DTM		9
			NT	RRC	RA4	
			LT	RT	BE	152

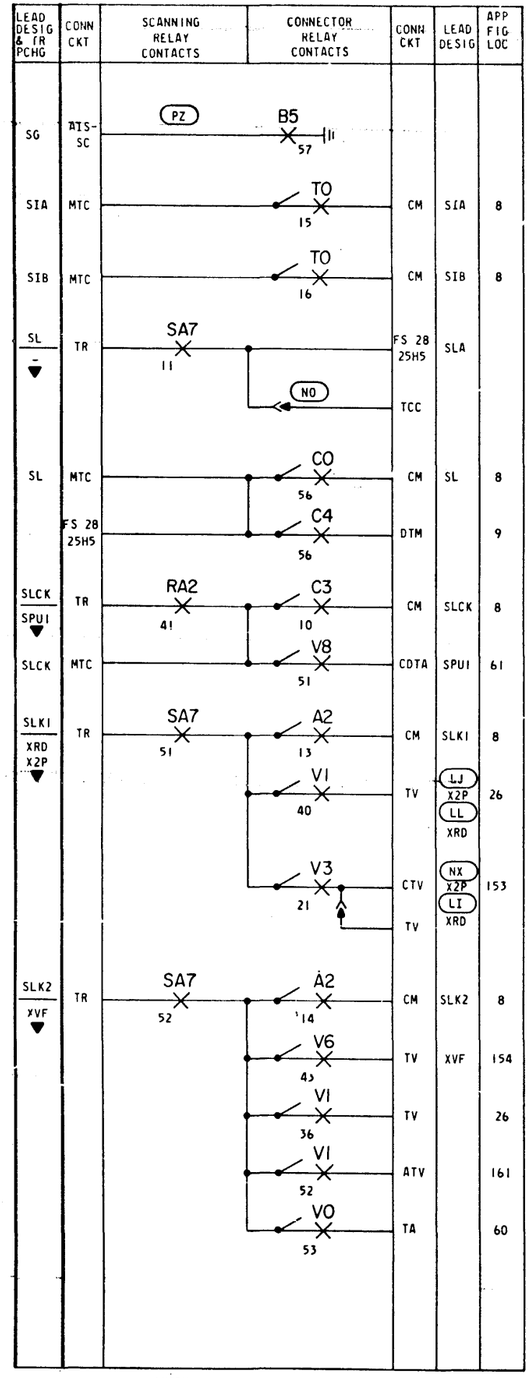
MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B120

E-74821 (6-79) PRINTED IN U.S.A.

SD-25805-01-B120

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT	DWG SIZE	ISSUE
	6S	101A
BELL LABORATORIES	SD-25805-01-	B121

SD-25805-01-B121

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TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TO-4 / TO-4 (TO,1,2,4,7 ▼	TR	RA3 40-44	V2 20-24	ATV	TO-4	161
			V5 20-24	TV		154
			V0 30-34	TV		26
			V5 40-44	CDTA		61
TO-4	LIT	KM		FS 28 25B4	TAO-4	
			LG	RT	TO,1,2,4,7	152
	CLVA ETSPD LV MTC		LG	RD		
TO-4	FS 28 2589		A4 20-24	CM	TO-4	8
TBU 0-4	CLVA	KD	TA			
	ETSPD					
	LV MTC ROTR		E1 20-24			
	APTT	SG				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
T5-9 / T5-9 ▼	TR	RA3 50-54	V2 30-34	ATV	T5-9	161
			V5 30-34	TV		154
	LIT	KM	V0 35-39	TV		26
			V5 50-54	CDTA		61
	CLVA ETSPD LV MTC			FS 28 25B4	TA5-9	
T5-9	FS 28 2589		A4 25-29	CM	T5-9	0
TBU 5-9	CLVA	KD	TA			
	ETSPD					
	LV MTC ROTR		E1 30-34			
	APTT	SG				
TA TSR / XT1 ▼	TR	SA7 42	A5 56	CM	TSR	8
			NO	TCC	TA	
			RTE/RTO 5	4MAR/TC	XT1	27
			RTEA/RTOA 00	AMAR/TC		156

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TAN / ASK ▼	TR	S3 23	BI 57	CM	TAN	8
ASK	ARET					
TAN	APTT	QO ZJ	BI 50 ZL	CM	TANO	8
	LV	RC	PC			
	MON MTC ROTR TTR					
TANO SD / ▼	TR	S6 44	PCI 2T 1	PRT	SD	37
SD	MTC					
TAN1 PCK / ▼	TR	S6 50	PC2 2B 1	PRT	PCK	37
PCK	MTC	PC	BI 51	CM	TAN1	8
TAN1	APTT	TF ZL				
	LV	RC				
	MON MTC ROTR TTR					
TAN2 PRL / ▼	TR	S6 51	PC2 4T 3	PRT	PRL	37
PRL	MTC	PC	BI 52	CM	TAN2	8
TAN2	APTT	TF ZL				
	LV	RC				
	MON MTC ROTR TTR					
TAN3 RLK / ▼	TR	S6 52	PC2 6T 5	PRT	RLK	37
RLK	INTF MTC	PC	BI 53	CM	TAN3	8
TAN3	APTT	TF ZL				
	LV	RC				
	MON MTC ROTR TTR					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TAN4 PTR / ▼	TR	S6 53	PC2 (5-7) 8B 7	PRT	TR	37
			PC2 (0-4) 8B 7	PRT	PTR	37
PTR	MTC	PC	BI 54	CM	TAN4	8
TAN4	APTT	TF ZL				
	LV	RC				
	MON MTC ROTR TTR					
TAN5 XX / ▼	TR	S6 54	PCI 12B 11	PRT	XX	37
		PC	CI 37	CM	TAN5	8
[CT4, 7] / TAR2, 3 ▼	TR	R2 52,53	VI3 21,22	CTV	TAR2, 3	155
TB	APTT ARET MTC ROTL ROTR TTR		TO 51	CM	TB	8
			T2 51	DTM		9
TBO / AIODTO ▼	TR	SAI 00	A2 30	CM	TBO	8
			A8 10	DTM		9
			NO	TCC		
TBO	ROTL-TMB		NG	AIODT	TLR-	152

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		B122

SD-25805-01-B122

E-7481 (6-70) PRINTED IN U.S.A.

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE ..... WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TBI,2 / AIODTI,2 ▼	TR	SAI 01,02	A2 31,32 (NO)	CM	TBI,2	8
	ROTL-TMB		(NG)	TCC		
TBI,2				AIODT	TLR-	152
TB3,4 / - ▼	TR	SAI 03,04	A2 33,34 (NO)	CM	TB3,4	8
	ROTL-TMB			TCC		
TB5 / - ▼	TR	SAI 10	A2 35 (NO)	CM	TB5	8
	ROTL-TMB			TCC		
TB6,7 / - ▼	TR	ABI,0 3,3	DO 20,21 (NO)	CM	TB6,7	163
	ROTL-TMB			TCC		
TB8,9 / - ▼	TR	AB8,7 11,11	DO 22,23	CM	TB8,9	163
	ROTL-TMB					
TBH / EF ▼	TR	RAI 22	VO 32	TA	EF	60
			CI 54	CM	TBH	8
TBI / OF ▼	TR	RAI 21	BI 9	CM	TBI	8
TBI	CLVA ETSPD LV MTC		VO 31	TA	OF	60
TBX / - ▼	TR	SA8 23	AI 28	CM	T9K	8
			A7 28	DTM		9
			(NO)	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TBS-TTG-0,1 / - ▼	TR	SAI 51,52	EO 10,11 (NO)	CM	TBSO,1	164
TBSO,1	CLVA ETSPD LV MTC			TCC	TTGO,1	152
TBS2,3 / TLR 30,31 ▼	TR	SAI 53,54	EO 12,13 (LC)	CM	TBS2,3	164
TBS2,3	CLVA ETSPD LV MTC			AMAT	TLR 30,31	152
TBT	APTT MTC ROTR TTR		TO 31	CM	TBT	8
			T2 31	DTM		9
TBTA	LV MTC ROTR		EI 14	CM	TBTA	164
	APTT	(SG)				
TBUA	LV MTC ROTR		EI 12	CM	TBUA	164
	APTT	(SG)				
TC / - ▼	TR	R6 44	B3 15	CM	TC	8
TCI / - ▼	TR	SA8 02	C5 41	DTM	TCI	9
			CI 41	CM		8
	MTC		(NO)	TCC		
TCA MAN / PPSP ▼	TR	S2 12	V9 23	CDTA	PPSP	61
			A6 27	DTM	MAN	9
		(PR)	AO 27	CM		8
		(PC)				
TCA	MON MTC LV ROTR TTR		B3 30	CM	TCA	8
	APTT	(TF)	(VB) (VA)	FS 27 2480		
	FS 27 24C1					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TCB 2P / CCSP ▼	TR	S2 13	V9 22	CDTA	CCSP	61
			A6 28	DTM	2P	9
		(PR)	AO 28	CM		8
		(PC)				
TCB	MON MTC ROTR TTR		B3 31	CM	TCB	8
	APTT	(VU)				
	LV	(RC)				
TCC	MTC		B3 32	CM	TCC	8
	APTT	(LY)				
	MON	(RZ)				
TCGA / CKLS ▼	TR	RA4 33	B5 31 (SB)	CM	TCGA	8
			(NT)	RRC	CKLS	
TCGB / CKRS ▼	TR	RA4 34	B5 32 (SB)	CM	TCGB	8
			(NT)	RRC	CKRS	
TCH / VGS ▼	TR	RAI 33	A3 55	CM	TCH	8
			VI 40	TA	VGS	60
TCHO-4	ARET MTC		TI 50-54	CM	TCHO-4	8
			T3 50-54	DTM		9
TCH5-9	ARET MTC		TI 55-59	CM	TCH5-9	8
			T3 55-59	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TCHK / - ▼	TR	SA8 54	CO 36	CM	TCHK	8
			C4 36 (NO)	DTM		9
	ARET MTC			TCC		
TCK CLK / DRO ▼	TR	RA7 50	A2 19 (NT) (NO)	CM	CLK	8
				RRC	DRO	
				TCC	TCK	
TCKI / - ▼	TR	RAI 41	CI 55	CM	TCKI	8
TCT	MTC		WI 41 (NX)	CTV	TCT	153
				TV		
			WO 46 (LJ)	TV		26
TDCT	APTT ARET MTC ROTL ROTR TTR		TO 53	CM	TDCT	8
			T2 53	DTM		9

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		8123

SD-25805-01-8123

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TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TER / DRTI (DRATI) ▼	TR	S7 33	A4 3	CM	TER	8
			LT	FS 29 26A/B7	DRTI	
				RT	DRATI	
TES1	MTC		DI 11	CM	TES1	163
TESK	MTC		DI 00	CM	TESK	163
TET	MTC		V3 00 NX	CTV	TET	153
				TV		
			VI 23 LJ	TV		26
TFO-2 / ECO-2 ▼	TR	S3 50-52	B0 30-32	CM	TFO-2	8
			B4 30-32	DTM		9
	APTT DAS LV MTC MON ROTL ROTR TTR			CDTA		
TFO-2				BI	ECO-2	152
TF4,7 / - ▼	TR	S3 53-54	B0 33,34	CM	TF4,7	8
			B4 33,34	DTM		9
	APTT DAS IV MTC MON ROTL ROTR TTR			LDIA		
TFA	MTC		TO 58	FATC	TFA	8
TG0,1 / - ▼	TR	SAI 11,12	A2 40,41	CM	TG0,1	8
			A8 58,59 NO	DTM		9
				TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TG2-4 / - ▼	TR	SAI 13,14,20	A2 42-44	CM	TG2-4	8
			UI A8 9,15,16 NO	DTM		9
				TCC		
TG5 / - ▼	TR	SAI 21	A2 45	CM	TG5	8
			UI A8 17 NO	DTM		9
				TCC		
TG6-9 / - ▼	TR	SAI 22-24,30	A2 46-49 NO	CM	TG6-9	8
				TCC		
TG10-14 / - ▼	TR	SAI 31-34,40	A2 50-54 NO	CM	TG10-14	8
				TCC		
TG15-19 / - ▼	TR	SAI 41-44,50	A2 55-59 NO	CM	TG15-19	8
				TCC		
TH-LL 0 / DC LLO ▼	TR	RA5 00	AI 40	CM	LLO	8
			A7 40 NO	DTM		9
LLO	ARET			TCC		
	MTC	QA	NT	RRC	DC	
			PK			
THTO	MTC	PK,PL	B3 21 UU	CM	THTO	8
	APTT MON ROTR TTR		VI4 11	DASC		155

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TH-LL 1 / DCC LL1 ▼	TR	RA5 01	AI 41	CM	LL1	8
			A7 41	DTM		9
LL1	ARET			TCC		
	MTC	QA	NO NT	RRC	DCC	
			PK			
THT1	MTC	PK,PL	B3 22 UU	CM	THT1	8
	APTT MON ROTR TTR		VI4 12	DASC		155
TH-LL 2 / TSTI LL2 ▼	TR	RA5 02	AI 42	CM	LL2	8
			A7 42	DTM		9
LL2	ARET		NO	TCC		
	MTC	QA	NT	RRC	TSTI	
TH-LL 3/4 / ACTA LL4 ▼	TR	RA5 03	AI 43	CM	LL4	8
			A7 43	DTM		9
LL4	ARET		NO	TCC		
	MTC	QA	NT	RRC	ACTA	
TH-LL 4/7 / ACTB LL7 ▼	TR	RA5 04	AI 44	CM	LL7	8
			A7 44	DTM		9
LL7	ARET		NO	TCC		
	MTC	QA	NT	RRC	ACTB	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TH'0 / TS ▼	TR	S6 33	QV CO 12	CM	TH'0	8
				BI	TS	152
TH'1 / BIO ▼	TR	S6 34	QV CO 13	CM	TH'1	8
			VII 40	CTV	BIO	155
TH'2 SR2 / - ▼	TR	ABI 10	OX B5 40	CM	TH'2	8
			D2 21	CM	SR2	163
TH'3 SR3 / - ▼	TR	ABO 10	OX B5 41	CM	TH'3	8
			D2 22	CM	SR3	163
THC / RST29 ▼ THC	TR	S3 14	BI 46	CM	THC	8
	MON MTC APTT	OW	NJ V4 34	TV	RST29	153
			STC4 9 10T	MT		29
			STC5 9 10T	AMAR		29
			WO 09	TV		26

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | B124

SD-25805-01-B124

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
THGT 0-4	MTC		TI 20-24	CM	THGT 0-4	8
			T3 20-24	DTM		9
THGT 5-9	MTC		TI 25-29	CM	THGT 5-9	8
			T3 25-29	DTM		9
THT2, 3	APTT MON MTC ROTR TTR	OX	B5 43,44	CM	THT2, 3	8
			VI4 13,14	DASC		155
TI / TI	TR	S8 00	NO	TCC	TI	
				FS 6 6F1		
				APTT ARET MTC ROTL ROTR TTR		152
TIO, 1,2,3	MTC		VI3 24,30-32	CTV DASC	TIO, 1,2,3	155
TIC	MTC		V3 44 NX	CTV TV	TIC	153
			VI 56 LJ	TV		26
TIK	CLVA ETSPD LV MTC		V3 52	ATV	TIK	161
			V2 24	CTV TV		153
	LIT	KM	VI 0	TV		26
TIN / FU2	TR	RAI 13	A3 57	CM	TIN	8
			VO 42	TA	FU2	60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TK / AIOD RN	TR	SA7 00	V8 03	CDTA	AIOD	61
			A2 4	CM	TK	8
			A8 52	DTM		9
			NO	TCC		
			TXEi/TXOI 7 8T	MT	RN	28
TKT / TKT	TR	S8 10		MTC	TKT	152
			LG	RT		
TLEI	MTC		DI 23	CM	TLEI	163
TLES	MTC		DI 01	CM	TLES	163
TLH	LV MTC		CO 31	CM	TLH	8
			C4 31	DTM		9
TLT / (RTK)	TR	R4 43 RL	B5 51	CM	TLT	8
			LG TI 27	RD	RTK	8
				WC	TUO	152
TM / -	TR	SA8 00	C2 59	CM	TM	8
			C4 33	DTM		9
	FS 6 6A4		NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TMK	MTC ROTR TTR		C2 57	CM	TMK	8
	APTT	TF				
TMK1	MTC ROTR TTR		C2 58	CM	TMK1	8
	APTT	TF				
TN / FT2	TR	RAI 02	VO 22	TA	FT2	60
TN	ETSPD		A4 50	CM	TN	8
TNO	MTC		VI 2 LJ	TV	TNO	26
			V8 40 LN	TV		154
TNK	TR	RA2 33	CI 50	CM	TNK	8
	ETSPD					
	MTC	QY				
	CLVA	KD				
TOB OBS2 / SPC	TR	S2 20	V3 51	CDTA	SMPA	61
			C5 51	DTM	OBS2	9
			C2 1	CM	WZ OBS2 WL TOB	8
			NO	TCC	OBS2	
			V9 44	TV	SPC	154
SA	MTC	SA	V4 42	TV		158

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
WK TOB1 WJ HFA	MTC		C3 1	CM	WK TOB1 WJ HFA	8
WK TOB2 WJ FAD	MTC		C3 2	CM	WK TOB2 WJ FAD	8
TOBS OBS1 / NSP	TR	S2 14	C5 50	DTM	OBS1	9
			C2 0	CM	WZ OBS1 WL TOBS	8
OBS1	MTC		NO	TCC	OBS1	
NSP	CLVA ETSPD LV MTC		V9 43	TV	NSP	154
	LIT	KV SA	V4 41	TV		158
TOG / DRAO	TR	S7 34	A4 4	CM	TOG	8
			LG	RT	DRAO	152
TOG	ETSPD			FS 29 26A/B7	DRA	24
TOK CMK / -	TR	S5 24 OT,OP	PC2 (3,4) 8T 7	PRT	TOK	37
			PC2 (5-7) 8T 7	PRT	CMK	37

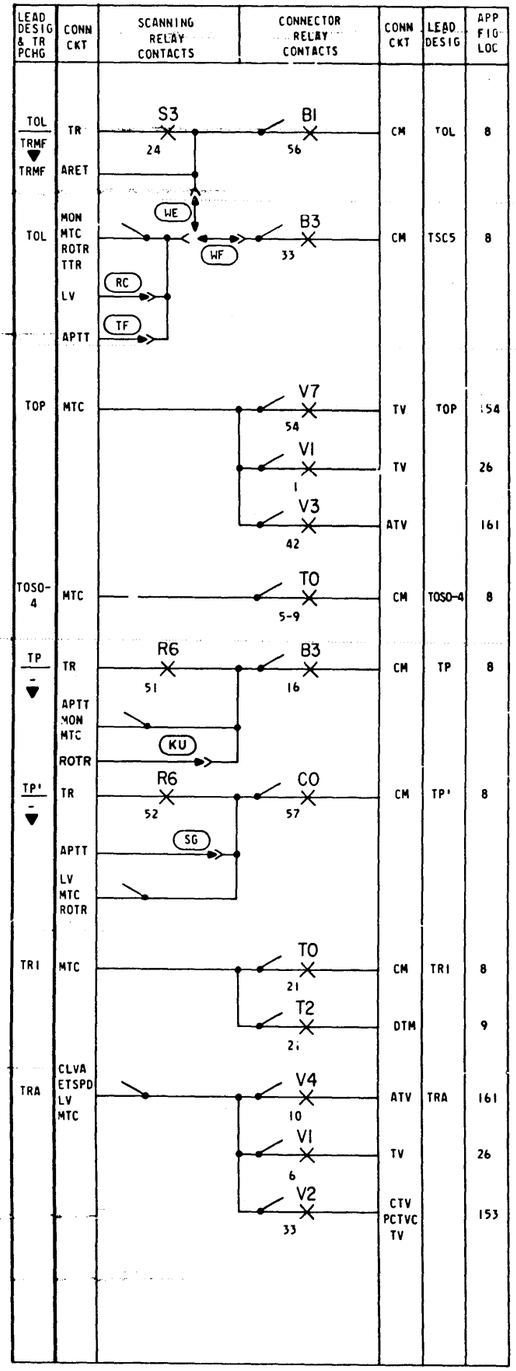
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B125

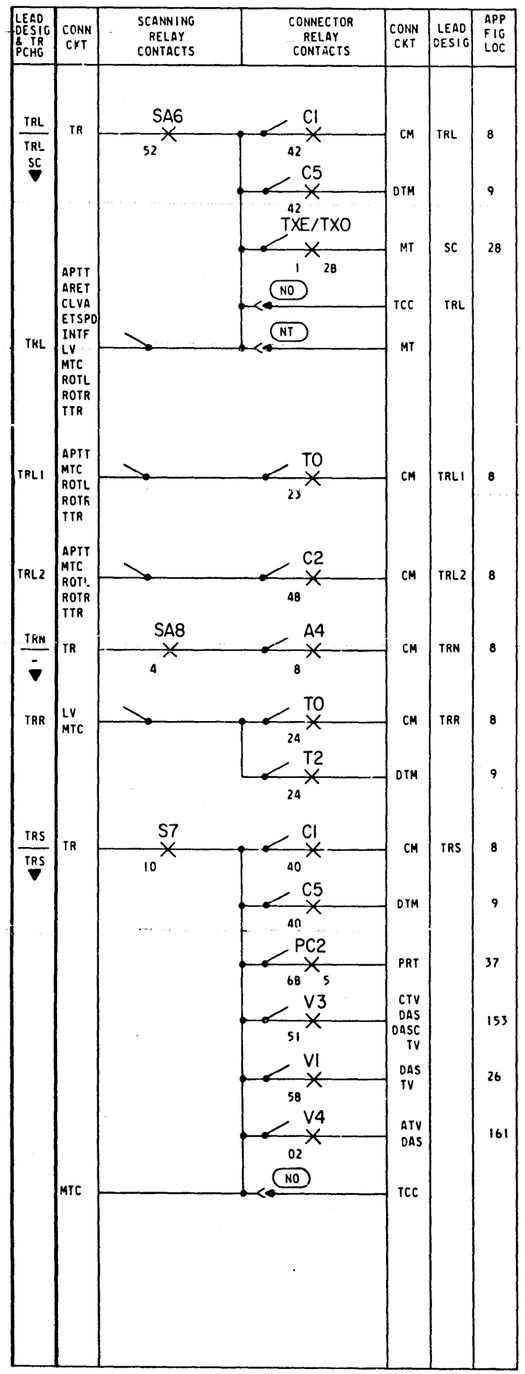
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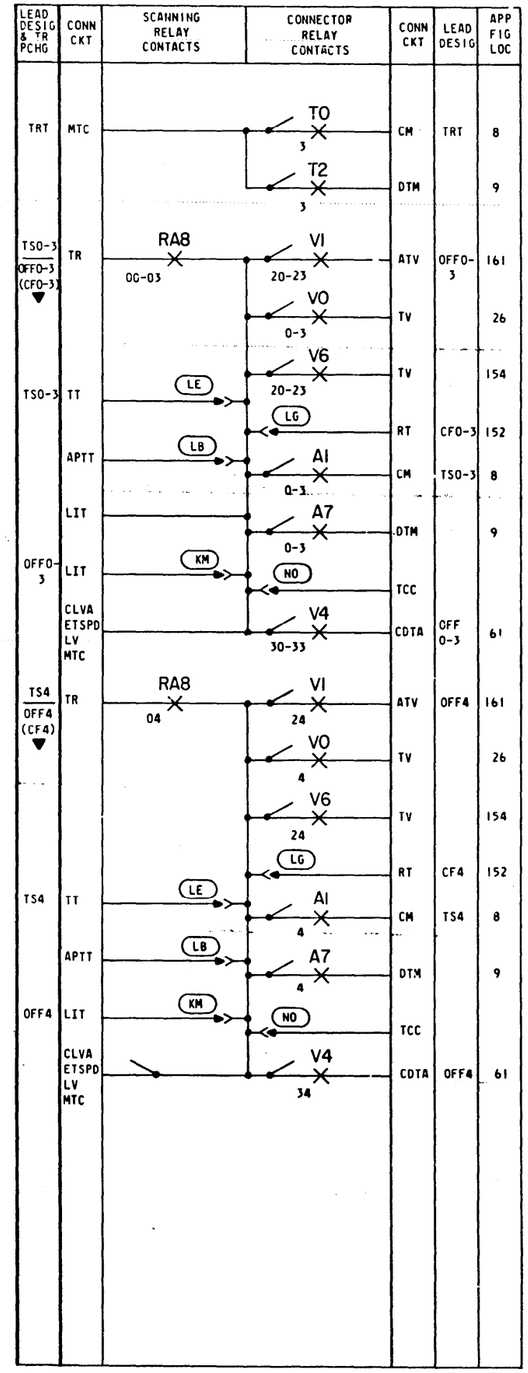
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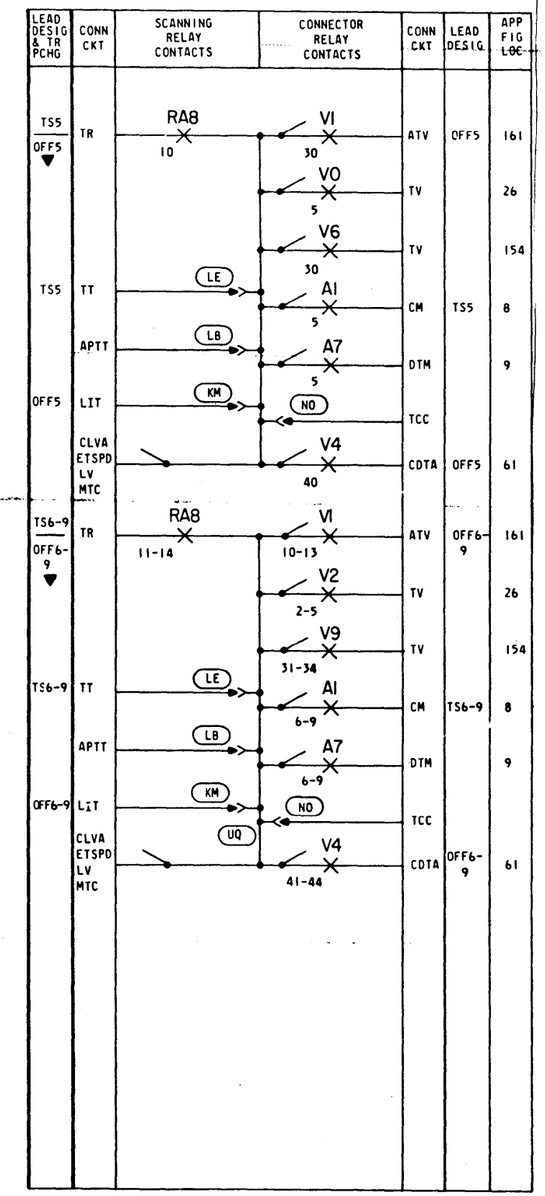
TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		B126

SD-25805-01-B126

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TSIO-12 / OFTO-2 ▼	TR	RA8 20-22	V3 20-22	ATV	OFTO-2	161
			V3 5-7	TV		26
TSIO-12	APTT	LB	V9 40-42	TV		154
	TT	LE	V4 50-52	CDTA		61
OFTO-2	LIT	KM	AI 10-12	CM	TSIO-12	8
	CLVA ETSPD LV MTC	UR	NO	TCC		
TSI3, 14 / OITO,I ▼	TR	RA8 23,24	AI 13,14	CM	TSI3, 14	8
TSI3, 14	TT	LE	NO	TCC		
	APTT	LB	UR	CTV	OITO, I	152
				BI		
TSI5 / OIT2 ▼	TR	RA8 30	AI 15	CM	TSI5	8
TSI5	TT	LE	NO	TCC		
	APTT	LB	UR	CTV	OIT2	152
				BI		152
TSI6-19 / - ▼	TR	RA8 31-34	AI 16-19	CM	TSI6-19	8
	TT	LE				
	APTT	LB	NO	TCC		
TSA LPI / CHI ▼	TR	RA4 04	EO 51	CM	LPI	164
			NO	TCC	TSA	
			NT,TA	RRC	CHI	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TSE / - ▼	TR	SA8 11	C2 6	CM	TSE	8
			C5 52	DTM		9
	MTC	NO		TCC		
TSE1	ARET APTT MTC ROTL ROTR TTR		TO 41	CM	TSE1	8
			T2 41	DTM		9
TSE2	ARET MTC ROTL ROTR		TO 42	CM	TSE2	8
	APTT	PE	T2 42	DTM		9
TSK	MTC ROTL-TMB		TO 45	TLC TL&C	TSK	8
			T2 45	TLC TL&C		9
TSL	CLVA ETSPD LV MTC		VI 10	TV	TSL	26
	LIT	KV	V8 41	TV		154
TSQ7 (7T) / - ▼	TR	AB4 11	NO	TCC	TSQ7	
TST / - ▼	TR	S8 01	B3 2	CM	TST	8
	MON					
TSTL	ETSPD LV MTC TTR	SK	EO 14	CM	TSTL	164
TT RST21 ▼	TR	S3 01	V9 41	CDTA	LTI	61
TT	APTT	TF	B3 29	CM	TT	8
	LV	RC				
	MON MTC ROTR	NJ	WO 01	TV	RST21	26
			V4 21	TV		153
			STC4 3 4B	MT		29
			STC5 3 4B	AMAR		29

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TTO,I, 2,4,7 / TO,I 2,4,7 (OBO, I,2,4 7) ▼	TR	S5 40-44	RTEI/RTOI 1-9 28-10B	AMAR	TO,I, 2,4,7	28
		LG		RT	OBO,I, 2,4,7	152
TTO,I, 2,4,7	APTT	VQ	RTE/RTO 30-34	TC	TO,I, 2,4,7	27
		LQ	RTE/RTO 30-34	TC		156
			VI4 30 34	DASC	TTO,I, 2,4,7	155
	MON MTC ROTR TTR		B3 45-49	CM		8
TTC	LV MTC ROTR		TO 4	CM	TTC	8
	APTT	SG				
TTF / RC4 ▼	TR	RA7 24	NT	RRC	RC4	
			B5 24	CM	TTF	8
		NM	B6 24	DTM		9
		NN	A8 50	DTM		9
TTK / DR2 ▼	TR	RA7 52	AO 39	CM	TTK	8
			NT	RRC	DR2	
TTR / TTR ▼	TR	R6 32		TTR	TTR	152
TTT	MTC		TO 2	CM	TTT	8
			T2 2	DTM		9
TURN OVER / ARET RLC ▼	TR	S8 32		FS 39 29F/H5	REC	
				ARET	ARETI	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TURN OVER MTR TMG ▼	TR	S8 33		FS 24 21FO	TMG	
				FS 27 24B7	MTR	
TURN OVER MTRS TV ▼	TR	S8 31		FS 9 9C2	TV	
		LH		RT	RTA	152
		53 SC 1 2B				
TVFT 0-4	MTC		T3 15-19	DTM	TVFT 0-4	9
		UM	TI 15-19	CM		8
TVGT 0-4	MTC		T3 0-4	DTM	TVGT 0-4	9
		UM	TI 0-4	CM		8
TVGT 5-9	MTC		T3 5-9	DTM	TVGT 5-9	9
		UM	TI 5-9	CM		8
TVGT 10,11	MTC		T3 10,11	DTM	TVGT 10,11	9
		UM	TI 10,11	CM		8
TVGT 12,13	MTC		TI 12,13	CM	TVGT 12,13	8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TABLE 18 (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
(NC) TVT ▼ TVT	TR	R3 34	C3 58	CM	TVT	8
			VI 54	TA		60
				FS 13 11E2		
				FS 13 11E2		
U0-4 ▼ U0-4	TR	RA2 00-04	V2 00-04	ATV	U0-4	161
			V5 00-04	TV		154
	CLVA ETSPD LV MTC		VO 40-44	TV		26
			V6 40-44	CDTA		61
			LG	RD RT	U0,1,2, 4,7	152
	LIT	KM		FS 28 25C4	UA0-4	
U5-9 ▼ U5-9	TR	RA2 10-14	V2 10-14	ATV	U5-9	161
			V5 10-14	TV		154
	CLVA ETSPD LV MTC		VO 45-49	TV		26
			V6 50-54	CDTA		61
	LIT	KM		FS 28 25C4	UA5-9	
UK ▼ SPTI	TR	RA2 31	V8 44	CDTA	SPTI	61
			A4 53	CM	UK	8
UK	MTC		WI 34	CTV	UK	153
			NX	TV		
			WO 39 LJ	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
UKA	MTC	KK	HO 40	CM	UKA	198
UNO-4	ETSPD		A4 30-34	CM	UO-4	8
	CLVA	KD				
UO-4, UO,1, 2,4,7	FS 28 25C9					
UN5-9	ETSPD		A4 35-39	CM	U5-9	8
	CLVA	KD				
U5-9	FS 28 25C9					
UTO,1, 2,4,7	TR	S5 50-54	RTEI/RTOI 1-9 2T-10T	AMAR	UO,1, 2,4,7	28
UO,1, 2,4,7 (OCO,1, 2,4,7) ▼			LQ RTE/RTO 40-44	TC		156
			LS RTE/RTO 40-44	TC		27
UTO,1, 2,4,7	MON MTC ROTR TTR		LG	RT	OCO,1, 2,4,7	8
			B3 55-59	CM	UTO,', 2,4,7	8
	APTT	VQ	VI4 40-44	DASC		155
VFO ▼ VF-U' 0	TR	RI 40	B0 5	CM	VFO	8
			B4 5	DTM		9
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 04	DAS TVC		154
VFO, U'O			V2 45	DAS TVC		26
			V4 40	ATVC DAS		161
	LIT	KM	VO 10	TA		60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VF1-4 ▼ VF-U' 1,2 3/4, 4/7	TR	RI 41-44	B0 6-9	CM	VF1-4	8
			B4 6-9	DTM		9
	APTT CLVA ETSPD LV MON MTC ROTR TTR		VO 11-14	TA		60
VF1-4, U'1,2 4,7			V8 10-13	DAS TVC		154
			V2 46-49	DAS TVC		26
	LIT	KM	V4 41-44	AT/C DAS		161
VF'0-4 ▼ EE-TNU 0,1,2, 4,7	TR	RO 40-44	AO 5-9	CM	VF'0-4	8
			A6 5-9	DTM		9
			NO	TCC		
			V6 00-04	CDTA	TNUO, 1,2, 4,7	61
			JC	BDT	EO,1, 2,4,7	
VFTO ▼ MTK P4L	TR	SA3 20	VI2 44	CTV	P4L	155
			CO 15	CM	VFTO	8
			C4 15	DTM		9
			NO	TCC		
VFTO	CLVA ETSPD LIT LV MTC		V8 42	CDTA	MTK	61
VFTI ▼ ODD P5L	TR	SA3 21	V8 30	CDTA	ODD	61
			VI2 50	CTV	P5L	155
			CO 16	CM	VFTI	8
			C4 16	DTM		9
VFTI	CLVA ETSPD LIT LV MTC		NO	TCC		

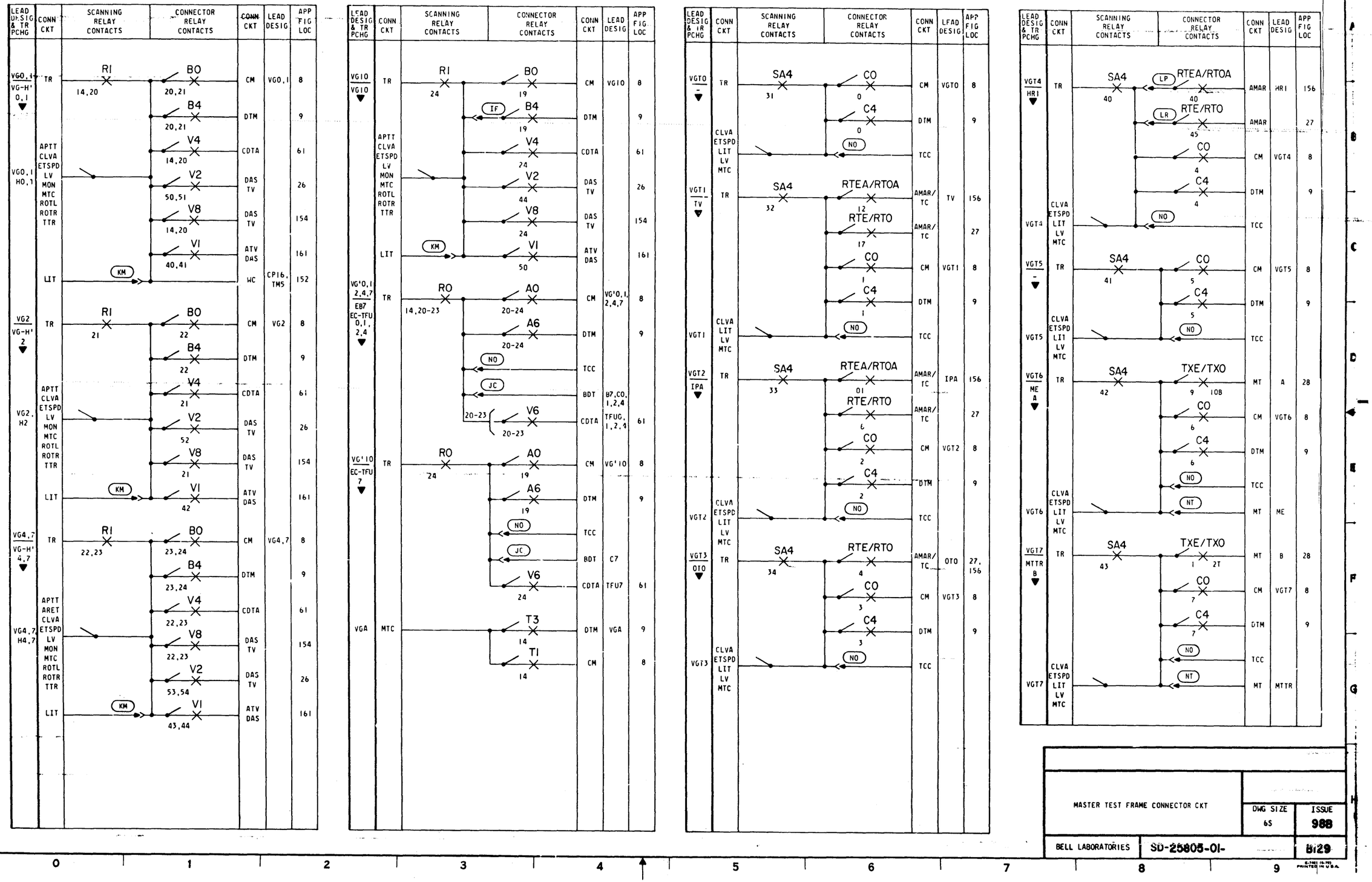
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VFT2 ▼ EVN BIRA	TR	SA3 22	VII 34	CTV	BIRA	155
			CO 17	CM	VFT2	8
			C4 17	DTM		9
			NO	TCC		
VFT2	CLVA ETSPD LIT LV MTC		V8 31	CDTA	EVN	61
VFT3 ▼ IE	TR	SA3 23	VI4 10	CTV	IE	155
			CO 18	CM	VFT3	8
			C4 18	DTM		9
			NO	TCC		
VFT3	CLVA ETSPD LIT LV MTC					
VFT4 ▼ RCDO ROP	TR	SA3 24	V8 32	CDTA	RCDO	61
			CO 19	CM	VFT4	8
			C4 19	DTM		9
			NO	TCC		
VFT4	CLVA ETSPD LIT LV MTC			BI CTV	ROP	152

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01		B128

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8129

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VGT8 / TST D	TR	SA4 44	TXE/TXO 3 4T	MT	D	28
			CO 8	CM	VGT8	8
			C4 8	DTM		9
			NO	TCC		
VGT8	CLVA ETSPD LIT LV MTC		NT	MT	TST	
VGT9 / RTRS E	TR	SA4 50	TXE/TXO 5 6T	MT	E	28
			CO 9	CM	VGT9	8
			C4 9	DTM		9
			NO	TCC		
VGT9	CLVA ETSPD LIT LV MTC ST		NT	MT	RTRS	
VGT10 / 3ANT SP	TR	SA4 51	TXE/TXO 3 4B	MT	SP	28
			CO 10	CM	VGT10	8
			C4 10	DTM		9
			NO	TCC		
VGT10	CLVA ETSPD LIT LV MTC		NT	MT	3ANT	
VGT11 / 3AM RT	TR	SA4 52	STC 11 12T	AMAR	RT	29
			CO 11	CM	VGT11	8
			C4 11	DTM		9
			NO	TCC		
VGT11	CLVA ETSPD LIT LV MTC		NT	MT	3AM	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VTC / VTC	TR	R3 51	B5 15	CM	VTC	8
	MTC		VI3 50	CTV DASC		155
VTKI / XRL1	TR	SA8 31	A2 28	CM	VTKI	8
			A8 8	DTM		9
			NO	TCC		
			LQ RTEA/RTOA 54	TC	XRL1	156
			LS RTE/RTO 54	TC		27
WC / WC	TR	S2 23		WC	WC	152
WKC / WKC	TR	R3 54	VI3 52	CTV DASC	WKC	155
	MTC		B5 9	CM		8
WT / TM1 TM2T	TR	S7 02	C2 02	CM	WT	8
			C5 56	DTM		9
			NO	TCC		
			VI 40	CTV TV	TM2T	153
			VI 45	TV	TM1	26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
X11 / RST24	TR	S3 04	B3 25	CM	X11	8
	MON MTC ROTL ROTR TTR X11		V9 42	CDTA		61
	APTT	SX	NJ WO 04	TV	RST24	26
			V4 24	TV		153
			STC4 9 10B	MT		29
			STC5 9 10B	AMAR		29
XAN / TBY	TR	SA5 51	B0 39	CM	XAN	8
			V6 54	TV	TBY	154
			VI 19	TV		26
			V9 54	CDTA		61
XBRL / -	TR	AB5 11	D0 50	CM	XBRL	163
XBT / -	TR	SA5 43	A3 42	CM	XBT	8
			A8 42	DTM		9
			NO	TCC		
XCE / -	TR	AB6 11	D0 51	CM	XCE	163
XCH / EXT	TR	SA5 52	VI 49 LJ	TV	EXT	26
			V3 33 NX	CTV TV		153
			A3 35	CM	XCH	8
			A8 35	DTM		9
			NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC.
XCKR / P5	TR	SA5 33	A3 48	CM	XCKR	8
			V2 43 NX	CTV TV	P5	153
			VI 12 LJ	TV		26
XCL / TEA	TR	SA6 00	VI 17 LJ	TV	TEA	26
			V2 53 NX	CTV TV		153
			A3 7	CM	XCL	8
			UK A8 19	DTM		9
			NO	TCC		
XCLC / CI1	TR	SA5 32	VI 13 LJ	TV	CI1	26
			V2 44 NX	CTV TV		153
			A3 16	CM	XCLC	8
XCP / -	TR	SA6 04	A3 10	CM	XCP	8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XCR / TGR	TR	SA6 01	VI 23	TA	TGR	60
			VI 18	TV		26
			V8 42	TV		154
			V4 31	ATV		161
			A3 6	CM	XCR	8
XCS / CK7	TR	SA5 02	V0 (LJ) 9	TV	CK7	26
			V6 (LN) 32	TV		154
			A3 14	CM	XCS	8
			A8 14	DTM		9
			NO	TCC		
XCW XVGB / BY	TR	SA5 54	V3 32	CTV TV	BY	153
			VI 48	TV		26
			A3 :0	CM	XCW/ XVGB	8
			A8 20	DTM		9
BY	ARET		NO	TCC	XVGB	
XDL / OPI	TR	SA6 02	A3 9	CM	XDL	8
			V2 30 (NX)	CTV TV	OPI	153
OPI	MTC		VI 3 (LJ)	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
(TIR) / XET	TR	SA7 53	V0 52	TA	XET	60
			V4 23	ATV		161
			V6 42	TV		154
			VI 37	TV		26
XF / PTS	TR	SA6 40	RTEA/RTOA (LP) 04	AMAR	PTS	156
			RTE/RTO (LR) 9	AMAR		27
			A3 21	CM	XF	8
			A8 21	DTM		9
[DTI] XFG / LCP CI3	TR	SA5 23	VI 15	TV	CI3 (LJ) LL LCP	26
			V2 51	CTV	CI3 (NX)	153
				TV	CI3 (LT) LCP	
			A3 37	CM	XFG	8
			A8 37	DTM		9
XFT / RL2 HR	TR	SA6 51	C4 14	DTM	XFT	9
			C0 14	CM		8
			(NT)	MT	RL2	
XFT	MTC		TXEI/TXOI 5 6B	MT	HR	28

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XFUT / FACK	TR	SA5 12	V7 (LN) 12	TV	FACK	154
			V2 (LJ) 1	TV		26
			A3 0	CM	XFUT	8
XHG / TM	TR	SA5 00	A3 27	CM	XHG	8
			A8 27	DTM		9
			NO	TCC		
				FS 6 6G4	TM	
				FS 6 6G4		
XHM XSA / TOK	TR	SA5 21	VI (LJ) 21	TV	TOK	26
			V2 54 (NX)	CTV TV		153
			A3 32	CM	XSA	8
			OG	CWL	XHM	
XI / XTV / PRE	TR	SA6 11	A3 5	CM	XTV	8
			NO	TCC	XI	
			V3 (LI) 00	TV	PRE	153
			VI (LL) 23	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XJC / PT	TR	SA6 22	V3 44	ATV	PT	161
			WI 11 (NX)	CTV TV		153
			RTE/RTO (LR) 16	AMAR		27
			RTEA/RTOA (LP) 11	AMAR		156
			WO (LJ) 16	TV		26
			A3 22	CM	XJC	8
			A8 22	DTM		9
PT	MTC		NO	TCC		
XJG / PAK	TR	SA6 23	RTE/RTO (LR) 3	AMAR	PAK	27
			RTE/RTO (LP) 3	AMAR		156
			A3 23	CM	XJG	8
			A8 23	DTM		9
			NO	TCC		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | B131

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XJS / CK ▼	TR	SA6 24	VI (LJ) 52	TV	CK	26
			V3 41 (NX)	CTV TV		153
			A3 28	CM	XJS	8
			A8 28	DTM		9
CK	MTC		(NO)	TCC		
XLC / DS ▼	TR	SA6 32	RTEA/RTOA 33	AMAR/TC	DS	156
			WO (LJ) 38	TV		26
			RTE/RTO 38	AMAR/TC		27
			WI 33 (NX)	CTV TV		153
			A3 25	CM	XLC	8
			A8 25	DTM		9
DS	MTC		(NO)	TCC		
XLF / RTST TEN ▼	TR	SA4 53	(NT)	MT	RTST	
			TXCI/TXOI 3 4T	MT	TEN	28
			EO 44 (TA)	CM	XLF	164
			EO 44	CM		57

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLG / CKG GC ▼	TR	SA5 01	VI 21	TA	GC	60
			V2 10	CTV TV	CKG, GC	153
GC OR CKG	MTC		V2 8	TV	CKG	26
CKG	CLVA ETSPD LV		V4 21	ATV	GC	161
			A3 26	CM	XLG	8
			A8 26	DTM		9
LIT		(KM)	(NO)	TCC		
XLH / CK2 ▼	TR	SA5 04	VO (LJ) 7	TV	CK2	26
			V3 53 (NX)	CTV TV		153
			A2 11	CM	XLH	8
			A8 7	DTM		9
			(NO)	TCC		
XLO / CK4 ▼	TR	SA5 10	VO (LJ) 8	TV	CK4	26
			V6 (LN) 31	TV		154
			A3 50	CM	XLO	8
			(NO)	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLR / PI ▼	TR	SA6 30	WI 31 (NX)	CTV TV	PI	153
			(LR) RTE/RTO 36	AMAR		27
			(LP) RTEA/RTOA 31	AMAR		156
			WO (LJ) 36	TV		26
			A3 24	CM	XLR	8
			A8 24	DTM		9
PI	MTC		(NO)	TCC		
XLS / CK CKI ▼	TR	SA5 03	V4 03	ATV	CKI	161
			VO 6	TV		26
			V3 52	CTV TV		153
			A3 34	CM	XLS	8
			A8 34	DTM		9
			(NO)	TCC		
			V8 00	CDTA	CK	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLV / RD ▼	TR	SA6 33	RTEA/RTOA 23	AMAR/TC	RD	156
			RTE/RTO 28	AMAR/TC		27
			WI 23	CTV TV		153
			WO 28	TV		26
			A3 30	CM	XLV	8
			A8 30	DTM		9
RD	MTC	(KB)	(NO)	TCC		
(XHGI) XMB ▼	TR	SA6 03	A3 8	CM	XMB	8
XMRL / OF ▼	TR	SA5 50	VI 20	TV	OF	26
			V6 53	TV		154
OF	LIT	(KM)	A3 44	CM	XMRL	8
CLVA ETSPD LV MTC			(NO)	TCC		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-02 | B132

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XN / MRST / CI4 ▼	TR	SA5 22	V2 52 (NX)	CTV	CI4	153
				TV	CI4 (LI) MRST	
			VI 16 (LJ)	TV	CI4 (LL) MRST	26
			(LQ) RTEA/RTOA 14	TC	MRST	156
			A3 36	CM	XN	8
			(LS) RTE/RTO 18	TC	MRST	27
[XL] XOB / - ▼	TR	SA6 10	A3 4	CM	XOB	8
XPG / MRRL / CIFA ▼	TR	SA5 24	V3 40 (NX)	CTV	CIFA	153
				TV	CIFA (LI) MRRL	
			VI 51 (LJ)	TV	CIFA (LL) MRRL	26
			(LQ) RTEA/RTOA 22	TC	MRRL	156
			A3 2	CM	XPG	8
			A8 2	DTM		9
			(LS) RTE/RTO 26	TC	MRRL	27
XPT / HDK / BSP ▼	TR	SA6 43	TXE/TXO 7 8B	MT	BSP	28
			A3 17	CM	XPT	8
			(NT)	MT	HDK	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XPTN / TTKL / CI2 ▼	TR	SA5 30	V2 50 (NX)	CTV	CI2	153
				TV		
			VI 14 (LJ)	TV		26
			(LQ) RTEA/RTOA 21	TC	TTKL	156
			A3 3	CM	XPTN	8
			A8 3	DTM		9
			(LS) RTE/RTO 19	TC	TTKL	27
XRL / ITTR ▼	TR	SA5 44	A3 47 (NO)	CM	XRL	8
				TCC		
				BI	ITTR	152
			(TC)	CTV		
XRS / RL / ASP ▼	TR	SA6 44	TXE/TXO 5 6B	MT	ASP	28
			A3 52	CM	XRS	8
			(NT)	MT	RL	
XRSI / RLI / DA ▼	TR	SA6 50	TXEI/TXOI 7 8B	MT	DA	28
			A3 53	CM	XRSI	8
			(NT)	MT	RLI	
XS / IC ▼	TR	SA5 20	VI 47	TV	IC	26
			V3 31	CTV TV		153
			A3 31	CM	XS	8
			(OG)	CWL		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XSC / MTFT / ET ▼	TR	SA4 54	TXEI/TXOI 5 6T	MT	ET	28
			(NT)	MT	MTFT	
			(TD)	FS 28 25G4	XSCA	
XSC	FS 28 25H9		A4 46 (TD)	CM	XSC	8
XSL / EOL / TRL ▼	TR	SA6 41	V8 02	CDTA	TRL	61
			(NT)	MT	EOL	
			A3 49	CM	XSL	8
			A8 49	DTM		9
TRLK	ARET		(NO)	TCC		
			(TY) V4 30	TV	TRL	158
			V3 10	TV		153
			(LS) RTE/RTO 25	TC		27
			V3 24	ATV		161
			(LQ) RTEA/RTOA 20	TC		156
XT / IRY ▼	TR	SA5 31	V2 42	CTV TV	IRY	153
			VI 11	TV		26
			A3 15	CM	XT	8
XT	MTC		WI 43 (NX)	CTV		153
				TV		
			WO 48 (LJ)	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XT5 / BA ▼	TR	SA6 12	A3 40	CM	XT5	8
			V2 30 (LI)	TV	BA	153
			RTEA/RTOA 04 (LQ)	TC		156
			VI 3 (LL)	TV		26
			RTE/RTO 9 (LS)	TC		27
[RIK] XTB / P ▼	TR	SA6 13	RTE/RTO 55 (LR)	AMAR	P	27
			RTEA/RTOA 50 (LP)	AMAR		156
			WI 50 (NX)	CTV		153
				TV		
			WO 55 (LJ)	TV		26
			V3 50	ATV		161
P	MTC		A3 12	CM	XTB	8

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE	ISSUE
	6S	98B
BELL LABORATORIES	SD-25805-01-	8133

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XTBI / PTI ▼	TR	SA6 20	WO (LJ) 38	TV	PTI	26
			LR RTE/RTO 58	AMAR		27
			LP RTEA/RTOA 53	AMAR		156
			WI 53 (NX)	CTV TV		153
			A3 33	CM	XTBI	8
PTI	MTC		NO	TCC		
[LIO] XTC / RLR ▼	TR	SA5 34	VI 24	TV	RLR	26
			V8 50	TV		154
			A8 45	DTM	XTC	9
			NO	TCC		
			UL A3 45	CM		8
XTC	FS 25 22E2		RTE/RTO 48	AMAR/ TC	XTC	27
XTC2	FS 25 22E2		RTE/RTO 49			
			RTEA/RTOA 43	AMAR/ TC		156
			RTEA/RTOA 44			
[LII] XTCI ▼	TR	SA5 40	A8 46	DTM	XTCI	9
			NO	TCC		
			UL A3 46	CM		8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
[AOT] XTG / DTK ▼	TR	SA6 14	RTE/RTO 07	AMAR/ TC	DTK	27
			RTEA/RTOA 02	AMAR/ TC		156
			A3 13	CM	XTG	8
XTGI / DTN ▼	TR	SA6 21	LP RTEA/RTOA 51	AMAR	DTN	156
			WO (LJ) 56	TV		26
			WI 51 (NX)	CTV TV		153
			LR RTE/RTO 56	AMAR		27
			A3 39	CM	XTGI	8
			A8 39	DTM		9
DTN	MTC		NO	TCC		
XTL	FS 25 22E2		RTE/RTO 46	AMAR/ TC		27
			RTEA/RTOA 41	AMAR/ TC		156
XTRK ▼	TR	SA5 41	A3 41	CM	XTRK	8
			A8 41	DTM		9
			NO	TCC		
XTRL ▼	TR	SA5 42	A3 43	CM	XTRL	8
			A8 43	DTM		9
			NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XTS / LC ▼	TR	SA6 31	LR RTE/RTO 1	AMAR	LC	27
			LP RTE/RTO 1	AMAR		156
			A3 18	CM	XTS	8
			A8 18	DTM		9
			NO	TCC		
XTSI / OOL TNK ▼	TR	SA6 42	VI 10	TA	TNK	60
			NT	MT	OOL	
			TY V4 31	TV	TNK	158
			V3 12	TV		153
			V3 30	ATV		161
			A3 38	CM	XTSI	8
			A8 38	DTM		9
			NO	TCC		
[XHGA] XVGA / RB ▼	TR	SA5 53	A8 29	DTM	XVGA	9
			NO	TCC		
			UL A3 29	CM		8
			V3 34	CTV TV	RB	153
			VI 50	TV		26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-	8134

SD-25805-01-8134

LEGEND
(FOR TABLE ID)

NOTES:
1.

ABBR	CONNECTING CKT
ATV	ANI TRANSVERTER
ATVC	ANI TRANSVERTER CONNECTOR
CDTA	CALL DATA TRANSMITTER APPLICATION CKT
OTTIC	OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CIRCUIT
PRT	PRETRANSLATOR
(REG)	(REGULAR)
(IDDD)	(INTERNATIONAL DIRECT DISTANCE DIALING)
(IR)	(INCOMING REGISTER)
TA	TRANSLATOR ACCESS CKT

TABLE ID
(FOR OFFICES WITH OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT)

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ITR	OTTIC	VI 13		TA	ITR	60
2TR		V4 14		ATV	2TR	161
		VI 14		TA		60
A0,1,2,4,7		V0 00-04		ATV	A0,1,2,4,7	161
		V2 00-04		CDTA		61
			PC0 2B TO 1 10B TO 9	PRT		37
AIOD		V8 03		CDTA	AIOD	61
B0,1,2,4,7		V0 10-14		ATV	B0,1,2,4,7	161
		V2 10-14		CDTA		61
			PCI 2B TO 1 10B TO 9	PRT		37
C0,1,2,4,7		V0 20-24		ATV	C0,1,2,4,7	161
		V2 20-24		CDTA		61
			PC0 2T TO 1 10T TO 9	PRT		37
CDC0		1ST (61) V9 00	A34			
CDC1		2ND (61) V9 00	A34			
CGA		V7 50		CDTA	CGA	61
CGB		V7 51			CGB	61

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CKI	OTTIC	V4 03		ATV	CKI	161
		V8 00		CDTA	CK	61
CKG		V8 10			CKG	61
CM3			PCI 4T 3	PRT	CM3	37
CMA			PCI 6T 5	PRT	CMA	37
CMB			PCI 8T 7	PRT	CMB	37
CMC			PCI 10T 9	PRT	CMC	37
				(IR) PRT	LKI	
CT0,1,2,4,7		V7 30-34		CDTA	CT0,1,2,4,7	61
D0,1,2,4,7		V0 30-34		ATV	D0,1,2,4,7	161
		V2 30-34		CDTA		61
DNK		V4 32		ATV	DNK	161
DUAL		V9 11		CDTA	DUAL	61
E0,1,2,4,7		V0 40-44		ATV	E0,1,2,4,7	161
		V2 40-44		CDTA		61
ECTO-2		V7 10-12			ECTO-2	61
ECU0,1,2,4,7		V7 00-04		CDTA	ECU0,1,2,4,7	61

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
EF	OTTIC		V0 32	TA	EF	60
EVG			V0 34		EVG	60
EVN			V8 31	CDTA	EVN	61
F0,1,2,4,7			V0 50-54	ATV	F0,1,2,4,7	161
			V2 50-54	CDTA		61
FN			V8 21		FN	61
FNA			V8 22	CDTA	FNA	61
FNB			V8 23		FNB	61
FU0,1,2,4,7			V3 (QD) 31-34,40	ATV	FU0,1,2,4,7	161
			V4 00-04	CDTA		61
FUA0-4			V0 40-44	TA	FUA0-4	60
G0,1,2,4,7			VI 00-04	ATV	G0,1,2,4,7	161
			V3 00-04	CDTA		61
GC			VI 21	TA	GC	60

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	988

BELL LABORATORIES | SD-25805-01- | 8135

PRINTED IN U.S.A.

APP FIG I

RELAY																				
DESIG	CIC			CIT			ITT			ITT1			MTR							
CODE	U675			U238			U722			U115			U1320							
OPTION							VV			VV			JN							
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC		
TOP										11,12	M	7F2								
	11,12	M	2G7							9,10	M	7F2								
	8,9,10	BM	5E5	8,9	M					7,8	M	7F2	8,9	M	25B1					
	6,7	M	2A2	6,7	M	5D2	6,7	M	5C3	5,6	M	7F2	6,7	M	25H5					
	4,5	M	3F0	4,5	M	2B2	3,4,5	BM		3,4	M	7F2	4,5	M	2F7					
	1,2,3	EMB	2BG7	1,2,3	BM	4H0	1,2	B		1,2	M	7F2	1,2,3	BM						
BOT	1,2	M	16A/C4	1,2,3	BM		1,2,3	BM		1,2	M	7F2	1,2	B						
	3,4	M	16A/B4	4,5	M	6B3	4,5	M		3,4	M	7F2	3,4	B						
	5,6	M	16A/B4	6,7	M	5C3	6,7	M	7G1	5,6	M	7F2	5,6	M	24C1					
	7,8,9	BM	6A2							7,8	M	7F2	7,8	M	25A1					
	10,11	M	16A/A4							9,10	M	7F2								
										11,12	M	7F2								
COIL			2E8			2A8			5B3			7F1			2D8					

RELAY																				
DESIG	ON			RM			RM1			RMA			RON			RONA				
CODE	U57			U65			U65			U1334			U65			U65				
OPTION										Y,WB						OE				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC		
TOP				11,12	M	13C1	11,12	M	12C8				11,12	M	12C3	11,12	M			
	9,10	M	2A3	9,10	M	13A1	9,10	M	13D1				9,10	M	12D8	9,10	M			
	7,8	M	2A3	7,8	M	13A1	7,8	M	13D1				7,8	M	12D8	7,8	M			
	5,6	M	14D4	5,6	M	13A1	5,6	M	13D1				5,6	M	12D8	5,6	M			
	3,4	M	12G1	3,4	M	13A1	3,4	M	13D1	3,4	M	13D1	3,4	M	12D8	3,4	M			
	1,2	M	14A4	1,2	M	13A1	1,2	M	13D1	1,2	M	13D1	1,2	M	12D8	1,2	M			
BOT	1,2	M	2G5	1,2	M	13A1	1,2	M	13D1	1,2	M	13D1	1,2	M	12D8	1,2	M	12G8		
	3,4	M	14A7	3,4	M	13A1	3,4	M	13D1	3,4	M	12C8	3,4	M	12D8	3,4	M	12G8		
	5,6	M	14A7	5,6	M	13A1	5,6	M	13D1				5,6	M	12D8	5,6	M	12G8		
	7,8	M	12E5	7,8	M	13A1	7,8	M	13D1				7,8	M	12D8	7,8	M	12G8		
	9,10	M	12E1	9,10	M	13A1	9,10	M	13D1				9,10	M	12D8	9,10	M	12G8		
				11,12	M	13C1	11,12	M	12F5				11,12	M	12D8	11,12	M	12G8		
COIL			2A3			12C6			12D6			12F6			2G8			2H8		

RELAY																				
DESIG	ROS			ROS			RTOS			TM			TM1			TM2				
CODE	U1363			U1301			U119			U422			Y115			U716				
OPTION	P,WB			J																
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC		
TOP	9,10	M	14A7																	
	7,8	M	14G7																	
	5,6	M	12B2	5,6	M	12B2	6,7	M	14D4											
	3,4	M	12C1	3,4	M	12C1	4,5	M	12G1							3,4	M	5D4		
	1,2	M	14D7	1,2	M	14D7	1,2,3	BM	14B4,12C7	1,2,3	BM	5D5	1,2	B	5D4	1,2	B			
BOT	1,2	B	3B4	1,2	M	12H5	1,2	M	12H5	1,2	M	1E/C8	1,2	M	0C1	1,2,3	MB	4B0		
	3,4	M	12C5	3,4	M	12C5	3,4	M	12E5											
	5,6	M	12D1	5,6	M	12D1	5,6	M	12F1											
	7,8	M	12H5																	
COIL			12A6			12A6			12B6			6B2			4A0			4A1		

RELAY																				
DESIG	TRC			TRC1			TRC2			TS										
CODE	U1375			U1301			U540			U1113										
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOL	CONT NO.	CONT ARR	LOC		
TOP																				
										9,10	M	5D4								
				5,6	M	2E2				7,8	M	5B7								
	4,5	M	2F3	3,4	M	12C1	4,5,6	BM	5B3	6,5,4	BM	3B5								
	1,2,3	BM	2F3	1,2	M	12A8	1,2,3	MB	2G2	3,2,1	BM	6C2								
BOT	1,2,3	BM	3P3	1,2	M	2G1	1,2,3	BM	18/E9	3,2,1	BM	4H0,4A7								
	4,5	M	2H0	3,4	M	12C5	4,5	M	14G7	6,5,4	BM	6F3,1A/D4								
				5,6	M	12D1				7,8	M	16A/C4								
										9,10	M	11B0								
COIL			2G4			2H1			2G2			5C5								

DIODE

OPT	DESIG	LOC	CODE
ZZ	AIS1	43B1,99G1	446F
ZZ	AIS2	43B1,99H1, 14085	446F
II	AT1	2B4	446F
II	AT2	2B4	446F
II	AT3	2C4	446F
II	AT4	2C4	446F

NETWORK

OPT	DESIG	LOC	CODE
WB,ZG	CIC	2E8	'77C
	CIT	2A8	'77C
	ON	2A3	'77C
	RM1	12D6	'77C
	RMA	12F6	'77C
WB,ZG	TM	6B2	'77C
	TM1	4A0	'77C
	TM2	4A1	'77C
	TS	5C5	'77C

RESISTOR

OPT	DESIG	LOC	CODE
	TRA	10F3	18AG

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-CI

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-CI

APP FIG 2

RELAY

DESIG	MON			MTP			MTP											
CODE	U234			U168			U135											
OPTION	WB,YG			SN			SO											
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	3,4,5	BM	1F/D7	4,5	M	1F/B5	4,5,6	BM										
	1,2	B		1,2,3	BM	1F/D5	1,2,3	BM	1F/D5									
BOT	1,2,3	BM	3C8	1,2,3	MB	1F/F6	1,2,3	MB	1F/F6									
	4,5	M	1F/G7				4,5	M	1D/E7									
COIL			1F/F7			1F/C6			1F/G6									

NETWORK

OPT	DESIG	LOC	CODE
	MON	1F/F7	177C

APP FIG 3

RELAY

DESIG	MPR(O)																	
CODE	U168																	
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	4,5	M																
	1,2,3	BM	1D/F6															
BOT	1,2,3	MB	1D/G7															
COIL			1D/G6															

APP FIG 4

RELAY

DESIG	MPR(-)																	
CODE	U168																	
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	4,5	M																
	1,2,3	BM	1D/F1,F6															
BOT	1,2,3	MB	1D/G1,G6															
COIL			1D/G1,G6															

APP FIG 5

RELAY

DESIG	MPR(-)																	
CODE	U168																	
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	4,5	M																
	1,2,3	BM	1D/F0															
BOT	1,2,3	MB	1D/G0															
COIL			1D/G0															

APP FIG 6

RELAY

DESIG	MKA(-)			MKA1(-)			MKB(-)			MKB1(-)			MKB3(-)			MKT(-)		
CODE	U924			U65			U695			U695			U695 UZ			U73		
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	10F1	11,12	M	26H3	11,12	M	10E1	11,12	M	10F7	11,12	M	16A/B6			
	9,10	M	3F2	9,10	M	11D4	9,10	M	16A/A0	9,10	M	3F3	9,10	M	11B7			
	7,8	M	2E7	7,8	M	2B5	7,8	M	2A5	7,8	M	2B5	7,8	M	16A/C6	8,9	M	1D/B8
	5,6	M	a	5,6	M	3F2	5,6	M	1D/B9	5,6	M	10C1	5,6	M	16A/C6	6,7	M	11C1
	3,4	M	16A/A0	3,4	M	11G7	3,4	M	26B/A1	3,4	M	16A/C6	3,4	M	10B6	4,5	M	6B4
	1,2	B	13B3	1,2	M	11E7	1,2	M	16B/G1	1,2	M	16A/D6	1,2	M	10B6	1,2,3	MB	7A6-A8
BOT	1,2,3	PM	16A/D0	1,2	M	16A/F0	1,2	M	16A/F4	1,2	M	16A/C6	1,2	M	3F1	1,2,3	BM	13B3
	4,5	M	16A/C0	3,4	M	16A/F0	3,4	M	16A/F4	3,4	M	16A/B6	3,4	M	2B5	4,5	M	11A1
	6,7	M	16A/C0	5,6	M	16A/E0	5,6	M	16A/E4	5,6	M	16A/B6	5,6	M	10B1	6,7	M	2E7
	8,9	M	16A/B0	7,8	M	16A/E0	7,8	M	16A/E4	7,8	M	16A/A6	7,8	M	16A/E1	8,9	M	2A7
	10,11	M	16A/B0	9,10	M	16A/D0	9,10	M	16A/A1	9,10	M	10D6	9,10	M	16B/C1			
				11,12	M	26F1	11,12	M	16A/D4	11,12	M	10C6	11,12	M				
COIL			1D/A6			1D/A8			1D/A6			1D/A6			1D/A7			7B6,B7

(IV) 1D/C9
a
(IY) 3H5

DIODE

OPT	DESIG	LOC	CODE
IS	MA(-)	16A/F0	533F
IS	MB(-)	16A/G0	533F

NETWORK

OPT	DESIG	LOC	CODE
	MKB(-)	1D/A6	177C
WB,ZG	MKT(-)	7B6	177C

APP FIG 7

RELAY

DESIG	SP0			SP1			SP2											
CODE	U1299			U1299			U1299											
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	1,2,3	BM		1,2,3	BM	15B3	1,2,3	BM	15C3									
BOT	1,2,3	MB	15B1	1,2,3	MB	15B1	1,2,3	MB	15D1									
COIL			15A2			15B2			15C2									

NETWORK

OPT	DESIG	LOC	CODE
	SP0	15A2	177H
	SP1	15B2	177H

ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-C2

BELL TELEPHONE LABORATORIES

SD-25805-01-C2

PART OF APP FIG 8

(FOR USE WITH TABLE I)

RELAY DESIG	A0(-)	A1(-)	A2(-)	A3(-)	A4(-)	A5(-)	B0(-)	B1(-)	B2(-)	B3(-)	C0(-)	C1(-)	C2(-)	C3(-)	T0(-)
CODE	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A
OPTION	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX
59	37D1	45F8	51E6	b	36B3	49B1	37E6	48A3	44C1	54F8	45C8	41E1	52C1	43E3	52H6
58	46B6	45F8	51E6	a	31H6	48D6	37E6	39D8	46F3	54F8	43A8	47B3	52C3	54A8	51A6
57	49E6	45F8	51E6	51E8	49C3	45B6	37E6	50G6	46D3	54F8	52F6	50H1	52C3	41B6	44D3
56	36A3	45F8	51E6	41E1	31G3	54F1	37E6	52B6	46F6	54F8	49B8	46B6	38D3	40A8	44F8
55	47B6	45F8	51E6	51B3	46D1	42A1	37E6	30G6	41F8	54F8	40F8	51D3	43A1	31D1	50C3
54	40A3	45F8	51E6	40E8	54E8	40G6	37E6	50B8	40E6	32E3	39G1	50G8	44B6	31B1	47C1
53	40A3	45F8	51E6	56E8	55C1	40G6	37E6	50B8	40C6	32E3	38B1	45D3	43B1	46C6	51E3
52	40A3	45F8	51E6	56D8	39A8	40G6	37E6	50B8	40C6	32E3	38H1	32D6	31B8	34G8	42B8
51	40A3	45F8	51E6	57B1	46C8	40G6	37E6	50B8	40C6	32E3	38B1	45D8	35A3	34G8	50C8
50	40A3	45F8	51E6	56A6	52D3	40G6	37E6	50A8	40C6	32E3	38B1	52D3	37F8	34G8	49C3
49	40E1	46B6	51E6	57A1	46A6	40A6	37E6	46G1	40F3	50D6	3803	37F1	47D1	44C3	36G3
48	40E1	46E1	51E6	56B1	36C3	40A6	37E6	46F1	40D3	50D6	3803	37E1	53G3	44C8	45E6
47	40E1	46C1	51E6	56C8	40C3	40A6	37E6	46B3	40D3	50D6	38C3	25C2	35E3	50D3	48C3
46	40E1	46B1	51E6	57F1	56G8	40A6	37E6	51G6	40D3	50D6	38C3	25C2	41E8	50D3	41G3
45	40E1	40F1	51D6	57E1	33A6	40A6	37E6	46E3	40D3	50D6	38C3	39H6	47F3	3888	54E1
44	40E1	41F3	51D6	56D6	46F8	40D1	37E6	30F6	40C1	31F8	3883	47A1	47F3	3888	43G3
43	40E1	41E3	51D6	57D3	48G1	40D1	37E6	42F8	40A1	31F8	3883	42C1	47F3	3888	47C3
42	40E1	41E3	51D6	55E8	49E8	40D1	37D6	46H3	40A1	31F8	3883	53E3	47F3	3888	54D1
41	40E1	41D3	51D6	57C3	33B6	40D1	37D6	43A1	40A1	31F8	3883	51F1	47F3	3888	54C1
40	40E1	41D3	51D6	57D1	44E1	40D1	37D6	48D6	40A1	31F8	3883	53B6	47F3	50A1	37E8
39	54F3	32E8	33B3	57G1	55A1	39A1	55D8	48C6	38F8	39D6	37B1	30E8	47F3	45A8	49H1
38	40C8	32E8	47G3	57E1	55A1	39A1	31F8	48C6	38D8	39D6	32E8	30E6	47F3	45E6	49H1
37	41H6	32E8	49F8	56G1	55A1	39A1	50E1	48C6	38D8	39D6	34C6	42E6	47F3	30B6	49H1
36	a	32E8	37C1	56E6	55A1	39A1	37A1	48A6	38D8	39D6	51C3	42C3	47F3	41A3	49H1
35	38C8	32E8	50E8	55E8	55A1	39A1	36F8	48A6	38D8	39D6	50E3	34G8	47F3	44A8	49H1
34	36D8	32E8	50E8	5686	55A1	38A6	51A6	34F6	38F3	33E6	50E3	34F8	47F3	34D6	3503
33	3888	32E8	50E8	57D1	55A1	38A6	51A6	34F6	38F3	52B6	32F3	34F8	47F3	34D6	49D3
32	38D6	32E8	50E8	56F8	55A1	38A6	51A6	34F6	38F3	33D3	36E8	34F8	47F3	34D6	31D8
31	34D8	32E8	50D8	56F8	55A1	38A6	51A6	34F6	38F3	51B3	52A1	34F8	47D3	34D6	51D1
30	34D8	32E8	50D8	56C6	55A1	38A6	51A6	34F6	38F3	51G1	35E8	34F8	1888	34D6	43F1
29	34D8	32F8	51F6	5786	50E6	36E6	41A6	43F6	36C6	54C3	39A3	34A8	48H6	42A3	49C1
28	30C9	51B1	55G6	56E3	50E6	36E6	35G1	45F6	36C6	38D3	39A3	34A8	48G6	42A3	49C1
27	42D1	35E3	48H1	56B3	50E6	36C6	39C3	45F6	36C6	41C6	39A3	34A8	48G6	42F1	49C1
26	38A1	38C8	33F6	56G3	50E6	36E6	36C8	45F6	36C6	31F3	39A3	34A8	48G6	42F1	49C1
25	39F6	41B1	b	56F3	50E6	36E6	3688	45F6	36C6	55C8	39A3	34A8	48G6	42F1	49C1
24	55D6	50G1	43G6	56B6	50E6	36E1	55E3	35G3	36D1	30F8	39A3	34A8	48G6	48E1	53A6
23	55D6	47D8	44E3	56D3	50E6	36E1	55E3	35G3	36D1	41G6	39A3	34A8	48G6	48E1	53F3
22	55D6	47D8	44F3	56D3	50E6	36E1	55E3	35G3	36D1	41E3	39A3	34A8	48G6	48D1	45B1
21	55D6	47C8	33G6	56F1	50E6	36E1	55C3	35G3	36D1	41E3	39A3	34A8	48G6	48D1	52C8
20	55D6	50A3	33G6	57C6	50E6	36E1	55C3	35G3	36D1	33E6	39A3	34A8	48G6	48D1	44A6
19	55D6	54A1	33F6	55D8	39D3	35E1	55A6	45D6	35C1	44E6	55A3	34A8	39C1	31D3	41C3
18	37D8	54A1	47B3	57D3	39D3	35E1	37B8	45D6	35C1	44D6	55A3	34A8	44G3	31C3	43F3
17	37D8	54A1	44D3	56A8	39D3	35E1	37B8	45D6	35C1	48F3	55A3	34A8	44F1	31B3	43A3
16	37D8	54A1	a	56C1	39D3	35E1	37B8	45D6	35C1	52D6	55A3	34A8	44G1	31F1	49G6
15	37D8	54A1	33D3	57B1	39D3	35E1	37B8	45D6	35C1	51E1	55A3	34A8	43F6	31E1	49G6
14	38A3	54A1	49D8	56D1	39D3	32B8	38F1	33B6	32F6	45G6	56G1	34A8	36H6	31C1	41B3
13	38A3	54A1	49D8	57G1	39D3	32B8	38F1	33B6	32F6	45G6	32D8	34A8	32C8	30G8	38E3
12	38A3	54A1	45B8	57D1	39D3	32B8	38F1	33C6	32F6	45G6	32D8	34A8	38C8	30B8	47D1
11	38A3	54A1	56G3	56C8	39D3	32B8	38F1	33B6	32F6	45G6	55F6	34A8	36F6	30C6	33H3
10	38A3	54A1	48H6	56C1	39D3	32B8	38D1	33B6	32F6	45G6	55F6	34A8	36F6	49D8	33G3
9	55G1	53F8	33E8	56E1	35C6	32B3	55E1	51A1	32F1	48G1	55F6	34A8	35C3	46E1	52D6
8	55G1	53F8	47G8	56D6	53H3	32B3	55E1	47G6	32F1	34E8	55F6	34A8	41A3	38G6	52D6
7	55G1	53F8	33A1	56B1	43B8	32B3	55E1	32D3	32F1	49G3	55F6	34A8	49F3	38E6	52D6
6	55G1	53F8	41F1	56D1	44D3	32B3	55E1	48C6	32F1	49A6	55F6	34A8	54C1	34B6	52D6
5	55G1	45B3	47B8	57F1	48C3	32B3	55E1	48C6	32F1	34B6	55F6	34A8	36G6	45B1	52D6
4	39F1	45B3	51F8	56E6	52H3	31G6	39D1	31D8	31B6	48F3	55F6	34A8	41A1	36G1	54F3
3	39F1	45F1	35C3	5688	51F3	31G6	39D1	35A6	31B6	32D1	55F6	34A8	49D6	45B6	53B8
2	39F1	45F1	35B3	56G6	49F8	31F6	39D1	33D6	31B6	54G1	55F6	34A8	55A8	52G3	54A6
1	39F1	45F1	48B3	56A3	39G8	31E6	39D1	43G6	31B6	32A6	55F6	34A8	44E8	52G3	32C3
0	39F1	45F1	41D8	56B3	46F6	31D6	39D1	44B6	31B6	47D8	55F6	34A8	44D8	43E6	36B6
COIL	16A/B3	16A/B3	16A/B3	16A/B3	16A/B3	16A/A3	16A/E6	16A/E6	16A/E6	16A/E6	16A/B8	16A/B8	16A/B8	16A/A8	16A/E8

	(ZS) 39G6	
a	(PY) 49H5	

	43H1	
a	(R) 55D8	
	(XM) 4688	(PI) 33H1
b	(PQ) 4981	b (A) 37F1

	(A) 37E1
a	(PI) 52A3

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C3

BELL TELEPHONE LABORATORIES

SD-25805-01-C3

PART OF APP FIG 8

RELAY DESIG	(FOR USE WITH TABLE I) T1(-)	(FOR USE WITH TABLE IB) A0(-)	A1(-)	A2(-)	A3(-)	A4(-)	A5(-)	B0(-)	B1(-)	B2(-)	B3(-)	B5(-)	C0(-)	C1(-)	C2(-)
CODE	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 237A	263G, 287A	263G, 287A	263G, 287A	263G, 237A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A
OPTION	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	QA,VL,XT,PZ,OZ	YW,YX	YW,YX	YW,YX
59	51C3	105H4	11684	124E3	10084	10406	120G1	106A1	119C1	11406	128E3	11708	116F1	11241	125F3
58	51C3	117B1	11684	124E3	10084	99A4	119A6	106A1	10906	11608	128E3	113F6	11401	11704	125B6
57	51C3	120E8	11684	124E3	125G1	120E3	115E4	106A1	12286	11606	128E3	12141	126E1	12106	125A6
56	51C3	104C6	11584	124E3	112B1	98F6	121E3	106A1	126A1	117E1	128E3	11204	12101	117F1	113D1
55	51C3	117G8	11684	124E3	123F6	11604	a	106A1	98E1	a	128E3	99H1	11106	123C3	99H1
54	51C3	110F4	11604	124D3	11106	10201	110C8	106A1	12288	11048	99G6	99G1	108C4	123E1	114F8
53	51C3	110F4	116A4	124D3	133F3	128F1	110C8	106A1	122G6	11006	99G6	113F6	106C6	115D4	113D4
52	51C3	110E4	116A4	124D3	133E3	10964	110C8	106A1	122F6	11006	99G6	10284	106C6	99G8	99E4
51	51C3	110D4	116A4	124D3	121F8	11761	110C8	106A1	12206	11006	99G6	125E4	106C6	116F1	103F4
50	51C3	110C4	116A4	124D3	132F3	125C6	110C8	106A1	12286	11006	99G6	103E4	106C6	12506	106H4
49	43C3	110A4	116F8	124D3	133D6	116F8	11006	105F8	116E6	110C5	127C6	10248	107C4	10586	117C4
48	43E3	110A4	11686	124D3	13C78	10406	11006	105F8	11606	110C6	127C6	99G1	107G1	105A6	12603
47	41G3	110A4	116F4	124D3	133D3	110B6	11006	105E8	116G6	110C6	127C6	115A6	107E1	25F2	103E6
46	40B6	110A4	11604	124D3	c	133C6	11006	105E8	12408	110C6	127C6	115H4	107E1	25F2	11208
45	40B3	110A4	110B4	124C3	b	10183	11006	105E8	11608	110C6	127C6	11981	107E1	109F4	117C8
44	40B3	109E8	124F6	124B3	132E8	117H1	10908	105C8	105A1	10988	99E4	125C1	107D1	11744	11708
43	40B3	109E8	124E6	124B3	134G3	118E8	10908	105C8	113C4	10988	99E4	125C1	107C1	112E8	11788
42	40B3	109E8	124D6	124B3	130E6	107C6	10908	10588	116E8	10988	99E4	120F1	107C1	126A3	11748
41	40B3	109E8	124A6	124G1	134F3	10104	10908	10588	11286	10988	99E4	12408	107C1	123F3	11706
40	40B3	109E8	124F3	124G1	133A8	107D6	10908	10588	119C6	10988	99E4	124C8	107C1	126E3	11706
39	43D3	127E6	100F6	101F1	134D3	123C3	108C1	13006	b	10841	109C4	11504	11701	98C4	117E6
38	43C3	110D8	100F6	11709	134E6	128C3	108C1	99D4	a	107F8	109C4	11584	10306	98C1	117E6
37	43B3	11206	100F6	21B3	131F3	128C3	108C1	121F3	a	107F8	109C4	10041	102C4	a	117E6
36	34E8	102F8	100F6	10564	133C1	128C3	108C1	105C4	a	107F8	109C4	10061	12348	11301	11706
35	34E8	10708	100F6	123C1	13006	128C3	108C1	10544	a	107F8	109C4	100F1	12108	103F1	11706
34	34E8	105E1	100F6	12381	132E6	12863	107A6	124E1	102A6	107F4	10106	119F1	12188	10341	11706
33	41D1	10788	100F6	12381	134C1	12883	107A6	124E1	102A6	107F4	12681	117F1	9988	10341	11746
32	41C1	10706	100F6	123A1	131E6	12883	107A6	12401	102A6	107F4	123C6	123E6	10561	102F8	117F4
31	34C8	10288	100F6	123A1	133H3	12883	107A6	12401	102A6	107F4	123C6	12306	12503	102F8	117E4
30	34C8	10288	100F6	122E8	132C8	12083	107A6	12401	102A6	107F4	12363	11648	10484	102F8	12041
29	51A8	10288	100E8	109F6	a	122C3	104C8	112E4	115E8	10448	12753	11681	10868	102F6	11909
28	51A8	b	123G1	13083	132B1	122C3	104C8	103C1	115E8	10448	10704	11681	108E8	102F6	119C8
27	51A8	a	10161	118F8	131B6	122C3	104C8	109C1	11508	10448	12CE6	118E1	10808	102F6	119C8
26	51A8	10646	107E8	10106	132C3	122C3	104C8	10501	11508	10448	9806	98H1	10888	102F6	119C8
25	51A8	10904	11148	12083	132E1	122C3	104C8	10581	11588	10448	130A6	105E3	108F6	102F6	119C8
24	51A8	129C3	12106	11401	132C6	122F1	104H4	129F1	103E8	104E3	11264	12706	108E6	102F6	119C8
23	51A8	129C3	11884	11408	131E8	122F1	104H4	129F1	103E8	104E3	11246	12008	108C6	102F6	119A8
22	51A8	129C3	11844	11408	131C8	122F1	104H4	12901	103C8	104E3	12406	10661	10886	102F6	119G6
21	51A8	129C3	11801	10106	131C3	122F1	104H4	129A1	103C8	104E3	12403	10601	108F4	102F6	119E6
20	51A8	129C3	10401	10106	131E1	122F1	104H4	129A1	10388	104F3	10186	10601	108E4	102F6	11906
19	54E6	129E3	12761	12388	113C9	109A4	10304	129A3	11506	10344	11501	103F8	12BE8	102F6	108E1
18	54E6	106F4	12761	11704	134B6	109A4	10304	106E1	115E6	10361	11541	11106	12808	102F6	11408
17	54E6	106E4	127E1	11488	133G1	109A4	10304	106E1	11506	10361	11983	11106	12888	102F6	11406
16	54E6	106C4	127E1	11364	130E8	109A4	10304	106E1	115C6	10361	12601	11106	12806	102F6	114E6
15	54E6	106A4	127D1	11981	133G6	109A4	10304	106E1	11586	10361	123E3	13043	128E8	102F6	11386
14	55E6	107A1	127C1	121F1	131D1	109E1	10061	106A8	10164	10061	11641	10601	13163	102F6	114E6
13	d	106E8	127C1	121E1	134B3	109E1	10061	106A8	101E4	10061	11641	10601	12488	102F6	10006
12	c	106E8	127C1	11681	133E8	109E1	10061	106A8	101F4	10061	11641	10601	12448	102F6	10006
11	54F6	106E8	127C1	132E3		109E1	10061	106A8	101E4	10061	11641	10601	13061	102F6	104F8
10	54F6	106D8	127C1	11968	130F3	109E1	10061	10648	101E4	10061	11548	10601	130E1	102F6	104E8
9	54F6	128C6	126E8	101H6	131F1	10401	99E6	128A6	123F1	99C6	11668	13003	13061	102F6	10306
8	54F6	128C5	126E8	11864	132D8	12603	99E6	128A6	11801	99C6	10264	10561	13081	102F6	11201
7	54F6	128C6	126E9	101A1	130C8	11401	99E6	128A6	9906	99C6	12086	10061	129F8	102F6	120A6
6	54F6	128C6	126E8	11261	131C1	11408	99E6	128A6	119F3	99C6	12006	9901	12908	102F6	12743
5	54F6	128C6	126B8	11861	131E6	11961	99E6	128E3	11963	99C6	10244	99E1	12908	102F6	101E6
4	54F6	108A4	126F6	12583	13301	12508	99C1	108F1	11261	9888	11961	10681	12938	102F6	11166
3	b	108A4	126C6	10306	133C3	12441	99C1	108F1	103E8	9888	9946	10681	129F6	102F6	12048
2	a	108A4	126C6	103A6	133E1	12103	9981	108F1	101A6	9888	12743	10676	129E6	102F6	130E3
1	54F6	108A4	126C6	11901		10948	98F8	108F1	11401	9888	9988	10606	129C6	102F6	125F6
0	54F6	109A4	126C6	11248	13186	11761	9808	108F1	12005	9888	11384	10504	129A6	102F6	125C8
COIL	16A/E8	16A/B3	16A/B3	16A/B3	16A/B3	16A/B3	16A/A3	16A/E6	16A/E6	16A/E6	16A/E6	16A/D6	16A/88	16A/88	16A/88

a (PN) 3303 54F6
b (PN) 4601 54F6
c (QQ) 41C8 54G6
d (PN) 35C6 54G6

a (PS) 11408 (PR) 12303
b (PS) 121E3 (PR) 12386

a (UI,UO) 10084 (UL) 134F6
b (UI,UO) 10084 (UL) 134E1
c (UI,UO) 10084 (UL) 134G1

a (OR) 10064 (OS) 113F8

a (UJ) 102D6 (ZM) 119C3
b (UJ) 102E6 (ZM) 119D3

a (OR) 100E4 (OS) 113E8

a 113F1 (PC) 122C8

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C4

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

PRINTED IN U.S.A.

SD-25805-01-C4

K&E

PART OF APP FIG 8

FOR USE WITH TABLE 1B

RELAY DESIG	C3(-)	T3(-)	T1(-)				
CODE	263G, 287A	263G, 287A	263G, 287A				
OPTION	YW,YX	YW,YX	YW,YX				
59	120F3	109F6	123G6				
58	128A1	124F1	123G6				
57	111E8	114B8	123G6				
56	118C1	115G1	123G6				
55	98C6	121D6	123G6				
54	98F4	117B4	123F6				
53	119C6	123E8	123F6				
52	c	113H1	123F6				
51	b	122D8	123F6				
50	a	120E3	123F6				
49	114A8	104F6	113C6				
48	115G1	115H6	113D6				
47	121F6	119F1	112B4				
46	121E6	112A4	110E6				
45	107A8	127D3	110A6				
44	107G6	113E6	110A6				
43	107G6	117E4	110A6				
42	107G6	127C3	110A6				
41	107G6	127B3	110A6				
40	121D3	106G4	110H4				
39	116C1	120C3	113D6				
38	115A8	120C3	113B6				
37	118F4	120C3	113A6				
36	114G6	120C3	102D8				
35	115F1	120C3	102D8				
34	102F4	103E6	102D8				
33	102D4	120E3	111G8				
32	102D4	99C4	111F8				
31	102F4	123C3	102H6				
30	102D4	113F4	102G6				
29	113B1	120C3	125B1				
28	113B1	120C3	125B1				
27	112F8	120C3	l				
26	112F8	120C3	125B1				
25	112F8	120C3	125B1				
24	118C8	126E3	125A1				
23	118C8	126C3	125A1				
22	118B8	b	125A1				
21	118B8	126F1	k				
20	118B8	114E8	k				
19	118A8	112F1	j				
18	118G6	113E6	j				
17	118F6	113H4	j				
16	118E6	121B1	j				
15	118D6	121B1	j				
14	118C6	112E1	129G3				
13	118B6	107E4	127F8				
12	118A6	117C4	h				
11	118G4	a	g				
10	121D1	101H1	f				
9	116A6	126D1	e				
8	107F6	126D1	e				
7	99G4	126D1	e				
6	102G1	126D1	e				
5	115A4	126D1	e				
4	104A6	127C6	d				
3	115F4	126A6	c				
2	125B8	127G6	b				
1	125A8	99F6	a				
0	114B1	104G6	a				
COIL	16A/A8	16A/E8	16A/E8				

SEE NOTE 1

a: (UN) 100H4, (UM) 102B6
b: (UM) 102B6, (UN) 121B6
c: (UM) 102B6, (UN) 104G1

a: (UM) 101B4, (UN) 116H1
b: (UM) 115H1, (UN) 117F8

NETWORK

OPT	DESIG	LOC	CODE
YW,YX	A0(-)	16A/B3	
YW,YX	A1(-)	16A/B3	
YW,YX	A2(-)	16A/B3	
YW,YX	A3(-)	16A/B3	
YW,YX	A4(-)	16A/B3	
YW,YX	A5(-)	16A/A3	
YW,YX	B0(-)	16A/E6	
YW,YX	B1(-)	16A/E6	
YW,YX	B2(-)	16A/E6	
YW,YX	B3(-)	16A/E6	177J
OZ,PZ, QA,VL, XT	B5(-)	16A/D6	
YW,YX	C0(-)	16A/B8	
YW,YX	C1(-)	16A/B8	
YW,YX	C2(-)	16A/B8	
YW,YX	C3(-)	16A/A8	
YW,YX	T0(-)	16A/E8	
YW,YX	T1(-)	16A/E8	

NOTES:

1.
- a: (TQ) 98G1, (UM) 127D3
- b: (QA) 112D4, (UM) 127D8
- c: (QA) 115H4, (UM) 127D8
- d: (QA) 112E4, (UM) 127D8
- e: (UN) 102E8, (UM) 127E8
- f: (UW) 100A6, (UM) 127E8
- g: (TT) 116H6, (UM) 127E8
- h: (QQ) 112F6, 127F8
- j: (UN) 103C1, (UM) 127C8
- k: (LG) 114A4, 125A1
- l: 126B1, (LG) 125E4

MASTER TEST FRAME CONNECTOR CK1

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | C5

SD-25805-01-C5

PART OF APP FIG 9

RELAY	(FOR USE WITH TABLE I)								(FOR USE WITH TABLE IB)						
DESIG	A6(-)	A7(-)	A8(-)	B4(-)	C4(-)	C5(-)	T2(-)	T3(-)	A6(-)	A7(-)	A8(-)	B4(-)	B6(-)	C4(-)	C5(-)
CODE	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A
OPTION	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	XT	YW,YX	YW,YX
59	37D1	45F8	51D6	37E6	43C1	37F8		51C3	105H4	116C4	124G1	106B1		113D4	106H4
58	46B6	45F8	51D6	37E6		41B1		51C3	117C1	116C4	124G1	106B1			111F6
57	49E6	45F8	33B3	37E6	35B3	49D6		51C3	120F8	116C4	101F1	106B1		103F4	120B8
56	36B3	45F8	47G3	37E6	49B8	55B8		51C3	104C6	116C4	117E9	106B1		121C1	130E3
55	47C6	45F8	49F8	37E6	40G8	35F3		51C3	117G8	116C4	121B3	106B1		111E6	103F6
54	40B3	45F8	37C1	37E6	39G1	41E8	42F6	51C3	110F4	116B4	105G4	106B1		108D4	112C8
53	40B3	45F8	47B8	37E6	39B1	41B3	51E3	51C3	110F4	116B4	113F1	106B1		106C6	112D1
52	40B3	45F8	51F8	37E6	38B1	54B1	42C8	51C3	110E4	116B4	125B3	106B1		106C6	127B3
51	40B3	45F8		37E6	38B1	44E8	50C8	51C3	110D4	116B4	120E8	106B1		106C6	125F6
50	40B3	45F8		37E6	38B1	44D8	48E8	51C3	110C4	116B4	127E6	106B1		106C6	125B8
49	40F1	46B6	57A1	37E6	38D3		36G3	43D3	110B4	116F8	133D6	105F8		107C4	98D6
48	40F1	46F1		37E6	38D3			43E3	110B4	116B6		105F8		107G1	98G4
47	40F1	46D1	40D3	37E6	38C3	25D2,G2		41G3	110B4	116F4	110B6	105E8		107E1	25G2
46	40F1	46B1	57G1	37E6	38C3	25D2,F2	47G3	40C6	110B4	116D4	134G1	105E8		107E1	25G2
45	40F1	40G1	57E1	37E6	38C3	39H6	54E1	40B3	110B4	110B4	134D1	105E8		107E1	109F4
44	40F1	41F3		37E6	38B3	47A1	48E8	40B3	109F8	124F6		105D9		107D1	117B4
43	40F1	41F3	57D3	37E6	38B3	42C1	49D8	40B3	109F8	124E6	134G3	105C8		107C1	112E8
42	40F1	41F3	55E8	37D6	38B3	53E3	54D1	40B3	109F8	124D6	130F6	105B8		107C1	126J3
41	40F1	41D3	57C3	37D6	38B3	51F1	54C1	40B3	109F8	124B6	134F3	105B8		107C1	123E3
40	40F1	41D3		37D6	38B3	53B6	37E8	40B3	109F8	124F3		105B8		107C1	126F3
39		32E8	57H1		32B6	30E8		43E3		100F6	134D3	102E6		99C8	98C4
38	31G6	32E8	57E3			30E6		43C3	99D1	100F6	134E6	102D6			98C1
37	41H6	32E8	55G1		34C6	42F6		43B3	112D6	100F6	131F3	102D6		102C4	113F1
36	39G6	32E8		37B1	51D3	42D3				100F6	113D9	102D6		123B8	113D1
35		32E8	55F8	36F8	50F3	34H8				100F6	133H6	102D6		121D8	103F1
34	36D8	32E8	56C6	51B6	50F3	34F8	35D3		105E1	100F6	132E6	124F1		121C8	103B1
33	36B8	32E8		51B6	52D1	34F8	48D8	41E1	107C8	100F6		124F1		125F3	103B1
32	38E6	32E8		51B6	36E8	34F8		41D1	107E6	100F6		124D1		105H1	102F8
31	34E8	32E8		51B6	52B1	34F8	51D1	34D8	10288	100F6		124D1		125E3	102F8
30	34E8	32E8	56C6	51B6	35E8	34F8		34C8	10288	100F6	132C8	124D1	11688	104B4	102F8
29	34E8	32G8	57B6		39B3	35B8		51B8	10288	100E8	134F6			108G8	102F6
28	30C8	51C1	56E3		39B3	35B8		51B8	12386	123G1	132C1			108E8	102F6
27	42D1	33E3	56B3	39C3	39B3	35B8		51B8	123G3	101G1	131C6	109C1		108D8	102F6
26	38B1	38C8	56G1		39B3	35B8		51B8	10686	107E8	132C3	9904		10888	102F6
25	39F6	41B1	56F3	36B8	39B3	35B8		51B8	109E4	111B8	132A1	105C1		10838	102F6
24	55C6	50G1	56B6	55F3	39B3	35B8	53B6	51B8	129D3	121C6	132C6	129F1	127E6	108E6	102F6
23	55C6	47E8	56E3	55F3	39B3	35B8		51B8	129D3	118C4	131E8	129F1	12008	108D6	102F6
22	55C6	47E8	56D3	55F3	39B3	35B8	45B1	51B8	129D3	11884	131D8	12901	10601	10886	102F6
21	55C6	47C8	56F1	55C3	39B3	35B8	52C8	51B8	129D3	118G1	131D3	129H1	10601	108C4	102F6
20	55C6	3586	57C6	55C3	39B3	35B8	44B6	51B8	129D3	112D4	131F1	12981	10601	108E4	102F6
19	55D6		56B1	a	55B3	35B8	41C3	54F6	129E3		13008	a		128E8	102F6
18	37E8		57E3	37B8	55B3	35B8		54F6	10664		134B6	106C1		128D3	102F6
17	37E8		51E6	37B8	55B3	35B8	41B3	54F6	106E4		124C3	106E1		12898	102F6
16	37E8		51E6	37B8	55B3	35B8		54F6	106C4		124B3	106E1		128H6	102F6
15	37E8		51E6	37B8	55B3	35B8		54F6	10684		124B3	106E1		128F6	102F6
14	38B3		56D1	38G1	56H1	35B8	41B3	55E6	10781		13101	10688	106D1	13103	102F6
13	38B3			38G1	32C8	35B8	38E3		106F8			10688	106D1	100C6	102F6
12	38B3		35G1	38G1	32C8	35B8	47E1		106F8		103C1	10688	106D1	100C6	102F6
11	38B3		54E8	38G1	55F6	35B8	33[illegible]	54F6	106F8		103E1	10688	106D1	130G1	102F6
10	38B3		50D8	38D1	55F6	35B8		54F6	106E8		122E8	106d8	106D1	130E1	102F6
9	55G1	53F8	51E6	55F1	55F6	35B8		54F6	12806	126E8	124B3	12886		13001	102F6
8	55G1	53F8	55H6	55F1	55F6	35B8		54F6	12806	126E8	130C3	12886		13081	102F6
7	55G1	53F8	56H3	55F1	55F6	35B8		54F6	12806	126E8	132E3	12886		129F8	102F6
6	55G1	53F8	33E8	55F1	55F6	35B8		54F6	12806	126E8	101H6	12886		129E8	102F6
5	55G1	4583	33B1	55F1	55F5	35B8		54F6	12806	126C8	101B1	128F3		129C8	102F6
4	39F1	45B3	41G1	39E1	55F6	35B8		54F6	10884	126F6	112C1	108F1	106C1	12988	102E6
3	39F1	15F1	56B8	39E1	55F6	35B8	53B8	54F6	10884	12606	133C3	108F1	106C1	129F6	102F6
2	39F1	45F1	56G6	39E1	55F6	35B8	54B6	54F6	10884	12606	133F1	108F1	106F6	129E6	102F6
1	39F1	45F1	35C3	39E1	55F6	35B8		54F6	10884	12606	10386	108F1	106E6	129C6	102F6
0	39F1	45F1	41D8	39E1	55F6	35B8		54F6	10884	12606	11288	108F1		129B6	102F6
COIL	17A6	17A6	17A6	17G5	17E8	17E8	17B8	17B8	17A6	17A6	17A6	17G5	17F5	17E8	17E8

a (OF) 48C3 (IF) 5586

a (OF) 117E1 (IF) 12983

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C6

BELL TELEPHONE LABORATORIES INCORPORATED DWG SIZE 6S

SD-25805-01-CG

PART OF APP FIG 9

RELAY DESIG	(FOR USE WITH TABLE 1B) T2(-)	T3(-)
CODE	263G, 287A	263G, 287A
OPTION	YW,YX	YW,YX
59		123G6
58		123G6
57		123G6
56		123G6
55		123G6
54	113G1	123G6
53	123E8	123G6
52	113H1	123G6
51	122E8	123G6
50	120F1	123G6
49	104G6	113C6
48		113D6
47		112B4
46	117E8	110F6
45	127D3	110B6
44	120E1	110B6
43	120D1	110B6
42	127D3	110B6
41	127C3	110B6
40	106G4	110H4
39		113D6
38		113C6
37		113B6
36		
35		
34	103F6	
33	120D1	111G8
32		111F8
31	123C3	102H6
30		102G6
29		125B1
28		125B1
27		125B1
26		125B1
25		125B1
24	126E3	125B1
23		125B1
22	115B1	125B1
21	126F1	125B1
20	114F8	125B1
19	112F1	127C8
18		127C8
17	113H4	127C8
16		127C8
15		127C8
14	112F1	129F3
13	107F4	
12	117D4	
11	101A4	127E8
10		127E8
9		127D8
8		127D8
7		127D8
6		127D8
5		127D8
4		127D8
3	126B6	127D8
2	127G6	127D8
1	99B8	127D8
0	99D8	127D8
COIL	178B	178B

NETWORK

OPT	DESIG	LOC	CODE
YW,YX	A6(-)	17A6	177J
YW,YX	A7(-)	17A6	
YW,YX	A8(-)	17A6	
YW,YX	B4(-)	17G5	
XT	B6(-)	17F5	
YW,YX	C5(-)	17E8	

NETWORK

OPT	DESIG	LOC	CODE
YW,YX	C5(-)	17E8	177J
YW,YX	T2(-)	17B8	
YW,YX	T3(-)	17B8	

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C7

BELL TELEPHONE LABORATORIES INCORPORATED

FORM 6S

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SD-25805-01-C7

PART OF APP FIG 10

(FOR USE WITH TABLE I)

RELAY DESIG	R0	R1	R2	R3	R4	R5	R6	R7	R8	S0	S1	S2	S3	S4	S5
CODE	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B	263E, 287B
OPTION	~~YW~~,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX
59	43E5	57A5	44E3	32D5	36C3	33F5	45F8	22F8	41B8	40E8	36B3	34B8	55B3	47F3	41B5
58	43E5	56E0	50C5	47B0	51F8	33G5	45F8	32F8	41B8	40E8	47C5	34B8	55B3	47F3	50G0
57	43E5	57G3	49F3	36H3	48F8	33G5	45F8	32F8	41B8	40E8	46B5	34B8	55B3	47F3	36D8
56	43E5	55B8	39C5	51E0	50C0	33F5	45F8	32F8	41B8	40E8	~~49E5~~	34B8	~~55B3~~	47F3	55D8
55	43E5	56F5	35B0	45D0	36C0	44D3	45F8	32F8	41B8	40E8	50E8	34B8	55B3	47F3	56D5
54	43D0	56A0	32B0	54G8	35A0	36F5	45F8	32F8	41B8	40E8	50E8	34B8	39B3	47F3	56C8
53	43D0	57G3	32F3	36H5	31D0	36F5	45F8	32F8	41B8	40E8	50E8	34B8	39B3	47F3	55E8
52	43D0	57C0	46B5	36G5	31G2	48F8	45F8	32F8	41B8	40E8	50E8	34B8	39B3	47F3	57D3
51	43D0	56G5	41H3	33H0	32B0	48F8	45F8	32F8	36D8	40E8	50D8	34B8	39B3	47F3	57C3
50	43D0	57A3	46E8	52A3	39C5	48F8	45F8	32F8	36B8	40E8	50D8	34B8	39B3	47F3	57G0
49	39B8	57G3	51D0	52G0	45B8	48F8	46F0	31D3	51E5	54A0	37F5	34B8	39B3	47F3	57E0
48	39B8	57F0	47B5	52B8	39E8	48F8	46D0	31C3	51E5	54A0	37F5	34B8	39B3	47F3	56B0
47	39B8	57B3	35C8	47F8	54D5	25C0	46B0	31B3	51E5	54A0	37F5	34B8	39B3	47F3	56C0
46	39B8	56B8	40D8	48C0	45D3	34G5	46B5	31F0	51E5	54A0	37F5	34B8	39B3	47F3	57B0
45	39B8	56F5	45G8	46A0	45D3	34G5	49B0	31E0	51E5	54A0	37F5	34B8	39B3	47E3	56B8
44	39E5	56E5	33C3	33D0	45D3	34G5	40B3	31C0	51E5	54A0	37F5	34B8	48F5	52H5	56G5
43	39E5	56C3	46B0	39F8		34B5	40B3	30G8	51E5	54A0	37F5	34B8	32C8	38D3	56G0
42	39E5	56B3	46G5	33E0	41G5	45B5	40B3	30B8	51E5	54A0	37F5	34B8	32C8	38D3	56E5
41	39E5	56D8	36B0	33E0	33F5	54E8	40B3	30C5	51E5	54A0	37F5	34B8	55G5	38C3	56F8
40	39E5	56E8	46B8	33E0	33E5	35C5	40B3	30B5	51E5	54A0	37F5	34B8	55G5	38C3	56F8
39	36C0	55B8	35F8	52A5	54F3	38G5	40F0	48H5	51E5	53G8	37F5	34B8	55G5	38C3	57B0
38	36C0	56H5	45E8	39B8	45D8	38F5	40F0	48G5	51E5	53G8	37F5	34B8	55G5	3883	56C8
37	36C0	36C3	30A8	47B8	43H5	31C8	40F0	48G5	51E5	53G8	37F5	34B8	55G5	3883	56B3
36	36C0	36C3	31B0	35B5	43G5	38B8	40F0	48G5	51E5	53G8	37F5	34B8	55G5	3883	56A3
35	36C0	33F5	31G5	33D3	48D5	38B8	40F0	48G5	51D5	45B3	37F5	34B8	55G5	3883	56A5
34	5D8	49G5	30D8	33D3	48G3	38B8	40F0	48G5	51D5	45B3	37F5	34B8	55G5	3883	56H3
33	35D8	50C0	30D5	33C3	52F5	38B8	40F0	48G5	51D5	45G0	37F5	34B8	55G5	38C0	56C5
32	35D8	42D3	45B3	33E3	52E5	39B8	40F0	48G5	51D5	45G0	37E5	34B8	55G5	38C0	56D0
31	35D8	42B8	51F5	33F3	33E8	50F3	40F0	48G5	51D5	45G0	37E5	3488	55G5	38C0	56G3
30	35D8	48F0	51F3	6H5	51E0	50F3	40F0	48G5	51D5	45G0	37E5	3488	55G5	38C0	56B3
29	34F8	46F5	31F8	46C5	46E0	42B0	32E3	34F5	36F5	36D5	49B3	48B3	44G0	41F3	54F8
28	34F8	51F5	31F8	31F8	44E0	41G8	32E3	34F5	36F5	36D5	49B3	31D8	44F0	41F3	54F8
27	34F8	34D8	31F8	48G0	46B8	33B5	32E3	34F5	36F5	36D5	45H5	44C3	43B0	41F3	54F8
26	34F8	34D8	31F8	36B3	52D3	33B5	32E3	34F5	36F5	36D5	45H5	44C8	44B5	41D3	54F8
25	34F8	34D8	31F8	49C3	39B8	33B5	32E3	34F5	36F5	36D5	45H5	54B8	44G3	41D3	54F8
24	55G0	55F0	47B3	31H5	55C0	33C5	40G5	40E5	36F0	36E0	45H5	49E3	43F5	51C5	50C5
23	55G0	55F0	47B3	31G3	44C0	33B5	40G5	40D5	36F0	36E0	54H3	31D0	50F0	51C5	50C5
22	55G0	55F0	50H0	33B5	49E8	33B5	40G5	40D5	36F0	36E0	32D0	31B0	41F8	51C5	50C5
21	55G0	55F0	36C3	33A5	44G5	42B0	40G5	40D5	36F0	36E0	49D8	40B8	54G0	51C5	50C5
20	55G0	55F0	51D3	49D8	44D5	35A5	40G5	40D5	36F0	36E0	49D8	41B5	57C5	51C5	50C5
19	39G0	39F0	41E0	55B0	39B5	35H3	40B5	40G3	35F0	35D0	48G0	49A3	46E8	37B0	39E5
18	39G0	39F0	48B8	55B0	39G3	35H3	40B5	40E3	35F0	35D0	48H0	49A3	48C0	36G8	39E5
17	39G0	39F0	50G8	55B0	39G3	35H3	40B5	40E3	35F0	35D0	48H5	49A3	46D5	44F8	39E5
16	39G0	39F0	51B0	55B0	39G3	35H3	40B5	40E3	35F0	35D0	45B8	49F0	46B3	44D8	39E5
15	39G0	39F0	47H5	55B0	39G3	35H3	40B5	40E3	35F0	35D0	54F0	49F0	49C5	30E8	39E5
14	55D5	55B5	32D3	55B0	39G3	48F0	40E0	40D0	32B8	32G5	45B8	49F0	33D8	30E5	45C0
13	55C5	55F3	51E8	55B0	39E3	48F0	40E0	40B0	32B8	32G5	45E5	49F0	33D8	48B3	36G0
12	55C5	55F3	41E0	55B0	39E3	48D0	40E0	40B0	32B8	32G5	45E5	49F0	33B8	39E8	46H0
11	55C5	55F3	51B3	55B0	39E3	48D0	40E0	40B0	32B8	32G5	45E5	49E0	33H5	52C5	46G0
10	55C5	55D3	40E8	55B0	39E3	48D0	40E0	40B0	32B8	32G5	45D5	49E0	34B5	50G5	46C3
9	55C5	55D3	46F8	50F5	44A0	42B3	39B0	38G8	32B3	32G0	45D5	49E0	4CB3	45C5	34E3
8	38B3	38H0	45C3	50F5	44A0	42B3	39B0	38E8	32B3	32G0	45D5	49E0	44B8	51H5	34E3
7	38B3	38H0	32D5	50F5	44A0	42G0	39B0	38E8	32B3	32G0	50E3	49C0	30C8	46F3	34E3
6	38B3	38H0	45D8	50F5	43G8	42G0	39B0	38E8	32B3	32G0	50D3	33G8	42D0	49F5	34E3
5	38B3	38H0	37F0	50F5	43G8	42G0	39B0	38E8	32B3	32G0	45G5	33F8	49G3	44D5	34A3
4	38B3	38E0	37E0	50F5	43G8	34D5	38B5	38G3	31F5	31B5	45F5	33F8	4985	31F3	34A3
3	37E8	37C8	46D0	50F5	43G8	34D5	38B5	38G3	31F5	31B5	45F5	37E3	34E5	55C8	34A3
2	37E8	37C8	46C8	50F5	43F8	34D5	38B5	38G3	31F5	31B5	45F5	37C3	46G3	38E3	34A3
1	37E8	37C8	52C3	50F5	43D8	34D5	38B5	38G3	31E5	31B5	45F5	37C3	46E3	54C3	34A3
0	37E8	37C8	46A5	50F5	43D8	34D5	38B5	38G3	31D5	31B5	45F5	37H0	46F5	4195	34A3
COIL	20C3	20C3	20C3	20C3	20C3	20C3	20C3	20C3	20C3	20D3	20D3	20D3	20D3	20D3	20D3

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C8

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PART OF APP FIG 10

RELAY (FOR USE WITH TABLE I)

DESIG	S6	S7	S8
CODE	263E, 287B	263E, 287B	263E, 287B
OPTION	YW,YX	YW,YX	YW YX
59	57C5	41B0	49F8
58	57B5	49D5	47D8
57	55F8	55B8	47D8
56	56H0	55H5	47C8
55	56E8	43C0	35E8
54	56D8	35F3	47B0
53	56A8	32B5	47G3
52	57E3	53F3	37C0
51	57A0	35C3	51F8
50	56F0	35C3	47B8
49	55D8	40C3	41G0
48	56C5	41B3	51D3
47	56F3	35C3	40G0
46	57D3	35B3	40G8
45	56B5	38B8	54B0
44	56E3	34C5	51C0
43	56E3	38E5	42C0
42	56D3	39G5	37D0
41	57H0	41H5	33B3
40	57D0	49C8	37G8
39	57G0	39C3	36F8
38	57D0	47G8	53H3
37	57D0	40C8	43B8
36	57F3	39G0	41D8
35	56E5	41B0	33B0
34	56C0	44D3	51F0
33	56D3	38B0	38D8
32	56E0	39F5	35G0
31	56D0	55H5	33E3
30	56B0	32E8	52D0
29	48C8	35A8	35G5
28	34E0	35H5	35E5,F5
27	34E0	35H5	35E5,F5
26	34E0	35H5	35E5,F5
25	34E0	35H5	35E5,F5
24	34E0	35H5	35E5,F5
23	34E0	35H5	35E5,F5
22	34E0	35H5	35E5,F5
21	34E0	35H5	35E5,F5
20	34E0		35E5,F5
19	34E0		
18	48B5	48D5	52B3
17	48B5	48C5	47B5
16	48B5	48C5	98J
15	48A5	49G3	42A5
14	48A5	37B0	46E5
13	34C0	44E3	38C8
12	34A0	44F3	53C5
11	34A0	50A0	42F8
10	34A0	48C3	42E3
9	37F3	51F3	42F8
8	37F3	52H3	41C8
7	37F3	49F8	41B0
6	37F3	49B0	52B0
5	37F3	39G8	42G5
4	37F3	30G5	51F8
3	37F3	41F0	50B3
2	37D3	42D3	32C0
1	37B3	34H8	43D5
0	37B3	42F5	51C8
COIL	20D3	20D3	20D3

NETWORK

OPT	DESIG	LOC	CODE
	S0		
	S1		
	S2		
	S3	20D3	437C & 439A (CONDENSER)
	S4		KS-13491 (RESISTOR),L1,S1
	S5		
	S6		
	S7		
	S8		

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C9

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-C9

APP FIG 11

RELAY																				
DESIG	EF			[illegible]			JC0-9			MTRA			FF			SEF			
CODE	U422			[illegible]			U422			U65			U422			U422			
OPTION										BM									
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	
TOP										11,12	M	25E7							
										9,10	M	25C7							
										7,8	M	25C7							
										5,6	M	25C7							
										3,4	M	25C7							
	1,2,3	BM		1,2,3	BM		1,2,3	BM		1,2	M	25C7	1,2,3	BM		1,2,3	BM		
BOT	1,2	M	25E3	1,2	M	25A3	1,2	M	25D3	1,2	M	25C7	1,2	M	25F3	1,2	M	25D3	
										3,4	M	25C7							
										5,6	M	25C7							
										7,8	M	25C7							
										9,10	M	25C7							
										11,12	M	25F7							
COIL			25D6			25A7			25C6			25A0			25F6			25B0	

RELAY																				
DESIG	TO-9			U0-9																
CODE	U422			U422																
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																				
	1,2,3	BM		1,2,3	BM															
BOT	1,2	M	25B3	1,2	M	25C3														
COIL			25B7			25B7														

APP FIG 12

RELAY																				
DESIG	CHO-9																			
CODE	UA99																			
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																				
	1,2	M	25A3																	
BOT																				
COIL			25A7																	

APP FIG 13

RELAY																				
DESIG	PCN			TPE			TPO													
CODE	U67			U168			U168													
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																				
	6,7	M	18/E7																	
	4,5	M	18/E9	4,5	M	18/C6	4,5	M	18/C6											
	1,2,3	BM	18/C7	1,2,3	BM	18/D7	1,2,3	BM	18/D7											
BOT	1,2,3	BM		1,2,3	MB	18/E7	1,2,3	MB	18/E7											
	4,5	M	2F4																	
COIL			18/E7			18/E7			18/E6											

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C10

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C10

APP FIG 14

RELAY

DESIG	RPR-EMG					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G5			
	1,2,3	BM	1B/E4			
BOT	1,2,3	MB	1B/E4			
COIL			1B/E3			

APP FIG 15

RELAY

DESIG	RPR(O)					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G5			
	1,2,3	BM	1B/E3			
BOT	1,2,3	MB	1B/E3			
COIL			1B/E2			

APP FIG 16

RELAY

DESIG	RPR(-)					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G4			
	1,2,3	BM	1B/E1,E2			
BOT	1,2,3	MB	1B/E1,E2			
COIL			1B/E1,E2			

APP FIG 17

RELAY

DESIG	RPR(-)					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G4			
	1,2,3	BM	1B/E0			
BOT	1,2,3	MB	1B/E0			
COIL			1B/E0			

APP FIG 18

RELAY

DESIG	TTP					
CODE	U138					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	6,7	M	1B/G3			
	4,5	M				
	1,2,3	MB	1A/B8			
BOT	1,2,3	MB	1A/F7			
	4,5,6	BM	1A/D7			
COIL			1A/E7			

APP FIG 19

RELAY

DESIG	TVP(O)					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G2			
	1,2,3	BM	1A/E5			
BOT	1,2,3	MB	1A/F5			
COIL			1A/E5			

APP FIG 20

RELAY

DESIG	TVP(-)					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G1			
	1,2,3	BM	1A/E4			
BOT	1,2,3	MB	1A/F4			
COIL			1A/E4			

APP FIG 21

RELAY

DESIG	TVP(-)					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	1B/G1			
	1,2,3	BM	1A/E3			
BOT	1,2,3	MB	1A/F3			
COIL			1A/E3			

MASTER TEST FRAME CONNECTOR GKF

DWG SIZE 6S

ISSUE 988

BELL LABORATORIES SD-25805-01- C11

SD-25805-01-C11

APP FIG 22

RELAY																							
DESIG	ON1			RNA			RR			RR1			RR2			RR3			RR4			RR5		
CODE	U180			U180			U57			U57			U57			U57			U57			U57		
OPTION	NU												WD			WD			NJ			NJ		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP							9,10	M	14A0	9,10	M	14D0	9,10	M	14C0	9,10	M	14D0	9,10	M	14C0	9,10	M	14E0
							7,8	M	14A0	7,8	M	14D0	7,8	M	14C0	7,8	M	14D0	7,8	M	14C0	7,8	M	14E0
							5,6	M	14A0	5,6	M	14D0	5,6	M	14C0	5,6	M	14D0	5,6	M	14C0	5,6	M	14E0
							3,4	M	14A0	3,4	M	14D0	3,4	M	14C0	3,4	M	14D0	3,4	M	14C0	3,4	M	14E0
	1,2,3	BM	2F5	1,2,3	BM	2E5	1,2	M	14A0	1,2	M	14D0	1,2	M	14C0	1,2	M	14D0	1,2	M	14C0	1,2	M	14E0
BOT	1,2	M	12G2	1,2	M	18G1	1,2	M	14A0	1,2	M	14D0	1,2	M	14C0	1,2	M	14D0	1,2	M	14C0	1,2	M	14E0
	3,4	M	12F3	3,4	M	3D1	3,4	M	14A0	3,4	M	14D0	3,4	M	14C0	3,4	M	14D0	3,4	M	14C0	3,4	M	14E0
							5,6	M	14A0	5,6	M	14D0	5,6	M	14C0	5,6	M	14D0	5,6	M	14C0	5,6	M	14E0
							7,8	M	14A0	7,8	M	14D0	7,8	M	14C0	7,8	M	14D0	7,8	M	14C0	7,8	M	14E0
							9,10	M	14A0	9,10	M	14D0	9,10	M	14C0	9,10	M	14D0	9,10	M	14C0	9,10	M	14E0
COIL			2F5			21A3			12D3			12E3			12E3			12F4			12F4			12E3

RELAY																							
DESIG	RT			RT1			RT2			RT3													
CODE	U57			U57			U57			U57													
OPTION							WC			WC													
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC											
TOP	9,10	M	14C0	9,10	M	14D0	9,10	M		9,10	M												
	7,8	M	14C0	7,8	M	14H7	7,8	M		7,8	M												
	5,6	M	14C0	5,6	M	14F4	5,6	M		5,6	M												
	3,4	M	14C0	3,4	M		3,4	M		3,4	M												
	1,2	M	14C0	1,2	M	13C5	1,2	M		1,2	M												
BOT	1,2	M	14C0	1,2	M	13F6	1,2	M	11E6	1,2	M	13F6											
	3,4	M	14C0	3,4	M	13F6	3,4	M	13E6	3,4	M	13F6											
	5,6	M	14C0	5,6	M	13F6	5,6	M	13E6	5,6	M	13F6											
	7,8	M	14C0	7,8	M	13F6	7,8	M	13E6	7,8	M	13F6											
	9,10	M	14C0	9,10	M	13C6	9,10	M		9,10	M												
COIL			12E3			12G4			12C3			12H4											

a
- NS 14E4
- NT 14H4

b
- NS 14A4
- NT 14E4

APP FIG 23

RELAY																							
DESIG	TVT3																						
CODE	U180																						
OPTION																							
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																							
~	1,2,3	BM																					
BOT	1,2	M	18G1																				
	3,4	M	2F5																				
COIL			21D4																				

RELAY																							
DESIG	MTE			MTO																			
CODE	U675			U675																			
OPTION																							
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	28J	11,12	M	28J																	
	8,9,10	BM	19A7	8,9,10	BM	19E7																	
	6,7	M	3C1	6,7	M	38J																	
	4,5	M	19B2	4,5	M	19E2																	
	1,2,3	MB	19A2	1,2,3	MB	19D2																	
BOT	1,2	M	11E4	1,2	M	11E4																	
	3,4	M	21E1	3,4	M	21E1																	
	5,6	M	26H6	5,6	M	26H6																	
	7,8,9	BM	1A3S	7,8,9	BM	1A05																	
	10,11	M	19A0	10,11	M	19E0																	
COIL			18/C7			18/C7																	

NETWORK

OPT	DESIG	LOC	CODE
WD	RR	12D4	177C
WD	RR1	12F4	
WC	RT	12C3	
WC	RT1	12G4	

APP FIG 24

RELAY																							
DESIG	RC(-)			RCR(-)																			
CODE	U675			U119																			
OPTION																							
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	2C2																				
	8,9,10	BM	26H6																				
	6,7	M	19C3,G3	6,7	M	3C3																	
	4,5	M	3C2	4,5	M	29F/H3																	
	1,2,3	MB	a	1,2,3	BM	b																	
BOT	1,2	M	28A7	1,2	M	21C3																	
	3,4	M	28A7	3,4	M	11F4																	
	5,6	M	28B7	5,6	M	21H1																	
	7,8,9	BM	14D2																				
	10,11	M	29F/H2																				
COIL			21B3			a																	

a
- 2ND-LAST - 26A/H7
- EMER - 26B/E1

a
- LAST - 1B/C0
- INT - 1B/C1
- 3RD - 1B/C2
- 2ND - 1B/C3
- EMG - 1B/C4

b
- 2ND-LAST - 26A/G7
- EMER - 26B/E1

APP FIG 25

RELAY																							
DESIG	TVA(-)			TVA1(-)			TVB(-)			TVT(-)													
CODE	U1261			U57			U699			U75													
OPTION																							
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP				9,10	M	6F4																	
	9,10	M	21A0	7,8	M	11D2	7,8	M	3D3	8,9	M	12/B4											
	6,7,8	BM	9E1	5,6	M	2D5	5,6	M	2D5	6,7	M	9G1											
	3,4,5	BM	9B1	3,4	M	11F4	3,4	M	18A2	4,5	M	6E4											
	1,2	B	13E8	1,2	M	26H4	1,2	M	18G2	1,2,3	MB	b											
BOT	1,2,3	BM	a	1,2	M		1,2	M	18F1	1,2,3	BM	13F8											
	4,5	M	4C2	3,4	M	27F1	3,4	M	18F1	4,5	M	11C1											
	6,7	M	3D3	5,6	M	28G1	5,6	M	18C1	6,7	M	21D2											
	8,9	M	18G2	7,8	M	28E7	7,8	M	18C1	8,9	M	3B7											
				9,10	M	28D7																	
COIL			1A/C3			9D1			1A/C3			a											

a
- 29F/D5
- 27F7

a
- 1ST 8B7
- 2ND 8B5
- LAST 8B4

b
- 1ST 8A7
- 2ND 8A6
- LAST 8B4

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-C12

BELL TELEPHONE LABORATORIES INCORPORATED

FORM 65

APP FIG 26

RELAY DESIG	(FOR USE WITH TABLE I) V0(-)	V1(-)	V2(-)	V3(-)	W0(-)	(FOR USE WITH TABLE IB) V0(-)	V1(-)	V2(-)	V3(-)	W0(-)	DESIG
CODE	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	263G, 287A	CODE
OPTION	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	YW,YX	OPTION
~~58~~	34H1	47F8	39E1	36D6	50F1	101C8	112F4	108G1	104B6	121G3	59
58	34H1	53C6	39E1	36D6	46B8	101C8	126G3	108G1	104B8	134A1	58
57	34H1	52B8	39E1	36D6	46B1	101C8	109G6	108G1	104B8	116E3	57
56	34H1	51D8	39E1	36D6	36B1	101C8	q	108G1	104B8	134C3	56
55	34H1	45E1	39E1	36D6	45E8	101C8	105G1	108G1	104B8	133D8	55
54	34H1	32A3	55F3	40D1	32B3	101C8	p	129G1	109C8	99E6	54
53	34H1	35G8	55F3	40B1	32B3	101C8	n	129G1	109C8	99E6	53
52	34H1	32C3	55F3	40B1	32B3	101C8	132A1	129E1	109C8	99E6	52
51	34H1	32H1	55D3	40B1	32B3	101C8	133E1	129B1	109C8	99E6	51
50	34H1	47B1	55D3	40B1	32B3	101C8	134G6	129B1	109C8	99E6	50
49	55B1	36G3	55F1	36E1	47B6	128E1	130G6	128C6	104E3	117F8	49
48	55B1	a	55F1	36E1	57B1	128E1	131E1	128C6	104E3	133H6	48
47	55B1	39B8	55F1	36E1	39C8	128E1	133G3	128C6	104E3	109B6	47
46	55B1	52B3	55F1	36E1	51D3	128E1	120C8	128C6	104E3	123D8	46
45	55B1	52G1	55F1	36E1	35G8	128E1	130F3	128F3	104E3	104D3	45
44	55B1	32F1	55C6	38G8	32B8	128C1	m	129B3	108B1	100E1	44
43	55B1	32F1	37C8	38E8	32B8	128C1	l	106F1	107F8	100E1	43
42	55B1	32F1	37C8	38E8	32B8	128C1	k	106F1	107F8	100E1	42
41	55B1	32F1	37C8	38E8	32B8	128C1	j	106F1	107F8	100E1	41
40	55B1	55B8	37C8	38E8	32B8	128C1	121E1	106F1	107F8	100E1	40
39	50F6	56A1	38G1	35D1	55D1	122B3	h	106C8	103B4	128G1	39
38	50F6	57A6	38G1	35D1	35C8	122B3	100E6	106C8	103G1	132D1	38
37	50F6	56E1	38G1	35D1	34E8	122B3	131B3	106C8	103G1	102D8	37
36	50F6	57G3	38G1	35D1	45G8	122B3	121G1	106C8	103G1	132C6	36
35	50F6	56F6	38E1	35D1	31F6	122B3	118F8	106C8	103G1	99B1	35
34	50F6	55B8	48F1	38G3	35F1	122D1	117C8	118D8	107G4	103C3	34
33	50F6	57A3	48F1	38G3	35F1	122D1	115B8	118D8	107G4	103C3	33
32	50F6	56D8	48D1	38G3	35F1	122D1	107C8	118C8	107G4	103C3	32
31	50F6	56C3	48D1	38G3	35F1	122D1	103G4	118C8	107G4	103C3	31
30	50F6	56C3	48D1	38G3	35F1	122D1	119F8	118C8	107G4	103C3	30
29	39B6	56E6	42B3	32G6	51D1	109G1	99B6	113B1	100B1	113C8	29
28	39G3	56F6	42B3	32G6	47B6	109G1	103C6	113B1	100B1	132B8	28
27	39G3	56B8	42G1	32G6	39F8	109G1	103D6	112F8	100B1	109E6	27
26	39G3	57F3	42G1	32G6	32E6	109G1	103G6	112F8	100b1	100B1	26
25	39G3	56E8	42G1	32G6		109G1	102D4	112F8	100B1		25
24	39G3	48C1	34D6	32G1	36F1	109D1	134D1	102G4	99C6	104G3	24
23	39E3	51G3	34D6	32G1	36F1	109D1	q	102E4	99C6	104G3	23
22	39E3	35B6	34D6	32G1	36F1	109D1	104C1	102E4	99C6	104G3	22
21	39E3	52A6	34D6	32G1	36F1	109D1	f	102G4	99C6	104G3	21
20	39E3	45D1	34D6	32G1	36F1	109D1	132D8	102E4	99C6	104G3	20
19	44B1	51E1	40B8	31C6		114B6	130D6	118C1	98B8	117B6	19
18	44B1	51F6	31D1	31C6	32E6	114B6	131B1	98C6	98B8	117G4	18
17	44B1	51F3	31B1	31C6	36F6	114B6	e	98G4	98B8		17
16	43G8	32E1	41C6	31C6	46G6	114B6	133B1	111E8	98B8	131C8	16
15	43G8	32E1	49E3	31C6	31D6	114B6	131E3	120G3	98B8	98D8	15
14	43G8	32E1	48F6	40F6	36E6	114F4	d	107A4	110B8	104D8	14
13	43G8	32D1	52H6	40D6	36E6	114F4	c	107F1	110H6	104D8	13
12	43F8	46A1	44B8	40D6	36E6	114E4	b	115G1	110H6	104D8	12
11	43D8	39F8	44B3	40D6	36E6	114C4	133F6	114G6	110H6	104D8	11
10	43D8	54F1	30D8	40D6	36E6	114C4	127E3	98B4	110H6	104D8	10
9	32E3	48B1	30E6	40G8		c	118F4	98B1	113E8	124F8	9
8	32D3	47B8	32F3	48E6		b	121E2	132B3	119B6	116C9	8
7	32D3	42D8	25E2	45D3		a	113R4	25H2	127B1	115E1	7
6	33C3	52E8	25E2	45D3		132D6	126G1	25H2	127B1	115B1	6
5	45A3	35G3	53G8	45D3		126B8	103H6	126D8	127B1	98F6	5
4	45A3	42C3	53G8	40G3		126E6	113C1	126D8	110D6	130B6	4
3	45F1	45G3	53G8	40E3		126B6	a	126D8	110D6	107D4	3
2	45F1	52F3	53G8	40E3		126B6	125D6	126D8	110D6	98E1	2
1	45F1	52C6	36H6	40E3		126B6	126C1	b	110D6	127G3	1
0	45F1	51D8	a	40E3		126B6	125G1	a	110D6	120G6	0
COIL	18B4	18B4	18B4	18B4	18G4	18B4	18B4	18B4	18B4	18G4	COIL

a (IE) 31B1 (IC) 32D6

a (IE) 30A8 (ID) 36G6

a (LL) 107F6 (LJ) 132D3

b (LL) 118D3 (LJ) 132F3

c (LL) 103C8 (LJ) 131C1

SEE NOTE 1

a (LJ) 104G8 (LL) 108C3

b (LL) 118G1 (LJ) 131B6

NOTES:

1.

a (LJ) 131G1 (LL) 133B8

b (LL) 114B1 (LJ) 130B8

c (LL) 115G6 (LJ) 130D8

d (LL) 115F6 (LJ) 133B3

e (LL) 115C6 (LJ) 130C8

f (LL) 121G6 (LJ) 131D6

g (LJ) 124D1 (LL) 131F6

h (LL) 115D6 (LJ) 118G8

j (LJ) 101D1 (LL) 115E6

k (LJ) 101D1 (LL) 101B1, 111B1

l (LJ) 101D1 (LL) 111B3

m (LJ) 101D1 (LL) 111B6

n (LJ) 104C3 (LL) 111E1

p (LJ) 101E1 (LL) 111E3

q (LL) 111C8 (LJ) 125F1

NETWORK

OPT	DESIG	LOC	CODE
YW,YX	V0-3	18B4	1777
YW YX	W0	81G4	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE: 65

ISSUE: 98B

BELL LABORATORIES | SD-25805-01- | C13

APP FIG 27

(FOR USE WITH TABLE 1)

DESIG	RTE	RTO					RTE	RTO			DESIG
CODE	263G, 287A	263G, 287A					263G, 287A	263G, 287A			CODE
OPTION	YW,YX	YW,YX					YW,YX	YW,YX			OPTION
59											59
58	46A8	46A8					134B1	134B1			58
57											57
56	36B1	36B1					134D3	134D3			56
55	45E8	45E8					133C8	133C8			55
54	32B3	32B3					v	v			54
53	32B3	32B3					u	u			53
52	32B3	32B3					t	t			52
51	32B3	32B3					s	s			51
50	32B3	32B3					r	r			50
49							134F1	134F1			49
48	57E1	57E1					134E1	134E1			48
47	57G3	57G3					116E1	116E1			47
46	57B3	57B3					134E3	134E3			46
45	39C6	39C6					129B8	129B8			45
44	32B8	32B8					q	q			44
43	32B8	32B8					q	q			43
42	32B8	32B8					q	q			42
41	32B8	32B8					q	q			41
40	32B8	32B8					q	q			40
39											39
38	35C8	35C8					132D1	132D1			38
37											37
36	45G8	45G8					132B6	132B6			36
35	31F6	31F6					p	p			35
34	35E1	35E1					n	n			34
33	35E1	35E1					n	n			33
32	35E1	35E1					n	n			32
31	35E1	35E1					n	n			31
30	35E1	35E1					n	n			30
29	51C1	51C1					113B8	113B8			29
28	47A6	47A6					132B8	132B6			28
27											27
26							133F1	133F1			26
25	31E6	31E6					m	m			25
24	36F1	36F1					l	l			24
23	36F1	36F1					l	l			23
22	36F1	36F1					l	l			22
21	36F1	36F1					k	k			21
20	36F1	36F1					j	j			20
19							133C3	133C3			19
18							133C1	133C1			18
17	54D6	54D6					129C6	129C6			17
16	46G6	46G6					h	h			16
15	31D6	31D6					g	g			15
14	36E6	36E6					f	f			14
13	36E6	36E6					e	e			13
12	36E6	36E6					d	d			12
11	36E6	36E6					c	c			11
10	36E6	36E6					b	b			10
9	46E8	46E8					a	a			9
8	56G6	56G6					116D1	116D1			8
7	35E8	35E8					134A3	134A3			7
6	39E8	38E8					129D6	129D6			6
5	57C1	57C1					122E3	122E3			5
4	45B8	45B8					129F6	129F6			4
3	46B1	46B1					131D8	131D8			3
2							101C1	101C1			2
1	40D8	40D8					134A6	134A6			1
0	32B1	32B1									0
COIL	19C6	19G6					19C6	19G6			COIL

SEE NOTE 1

NETWORK

OPT	DESIG	LOC	CODE
	RTE	19C6	177J
	RTO	19G6	

NOTES:

1.

a	LP	131C3
	LS	133C8
b	LP,LR	104D8
	LQ,LS	104F8
c	LQ	99B4
	LS	99C4
	LP,LR	104D8
d	LS	99H4
	LP,LR	104D8
e	LP,LR	104D8
	LQ	107F6
	LS	107G6
f	LQ	103D1
	LS	103E1
	LP,LR	104D8
g	LR	98E8
	LS	104E8
h	LS	115E4
	LP	131B8
j	~~LQ,LS~~	102B4
	LP,LR	104G4
k	LQ,LS	104D1
	LP,LR	104G4
l	LQ,LS	102C6
	LP,LR	104G4
m	LR	98F8
	LS	133E6
n	LP,LR	103D4
	LQ,LS	127B6
p	LS	6G3
	LR	99B1
q	LP	100E1
	LR	100F1
	LQ,LS	128D3
r	LP,LR	99F6
	LS	109E4
s	LP,LR	99F6
	LQ,LS	103E6
t	LP,LR	99F6
	LS	106C6
u	LP,LR	99F6
	LS	111C8
v	LP,LR	99F6
	LS	130C3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | C14

CB

APP FIG 28

(FOR USE WITH TABLE I)

RELAY																	
DESIG	RTE1			RTO1			TXE			TXE1			TXO			TXO1		
CODE	U65			U65			U57			U57			U57			U57		
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M		11,12	M													
	9,10	M	54F8	9,10	M	54F8	9,10	M	44E3	9,10	M	56H6	9,10	M	44E3	9,10	M	56H6
	7,8	M	54F8	7,8	M	54F8	7,8	M	50C6	7,8	M	48F1	7,8	M	50C6	7,8	M	48F1
	5,6	M	54F8	5,6	M	54F8	5,6	M	36C1	5,6	M	36C3	5,6	M	36C1	5,6	M	36C3
	3,4	M	54F8	3,4	M	54F8	3,4	M	35A1	3,4	M	51F3	3,4	M	35A1	3,4	M	51F3
	1,2	M	54F8	1,2	M	54F8	1,2	M	32D1	1,2	M	4966	1,2	M	32D1	1,2	M	4966
BOT	1,2	M	50C6	1,2	M	50C6	1,2	M	49F3	1,2	M	50C1	1,2	M	44F3	1,2	M	50C1
	3,4	M	50C6	3,4	M	50C6	3,4	M	50C1	3,4	M	42D3	3,4	M	50C1	3,4	M	42D3
	5,6	M	50C6	5,6	M	50C6	5,6	M	32B1	5,6	M	39C6	5,6	M	32B1	5,6	M	39C6
	7,8	M	50C6	7,8	M	50C6	7,8	M	32F3	7,8	M	35B1	7,8	M	32F3	7,8	M	35B1
	9,10	M	50C6	9,10	M	50C6	9,10	M	31G3	9,10	M	4288	9,10	M	31G3	9,10	M	4288
	11,12	M		11,12	M													
COIL			19B5			19E5			19A8			19B8			19E8			19E8

(FOR USE WITH TABLE IA)

RELAY																	
DESIG	RTE1			RTO1			TXE			TXE1			TXO			TXO1		
CODE	U65			U65			U57			U57			U57			U57		
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M		11,12	M													
	9,10	M	92C1	9,10	M	92C1	9,10	M	77G3	9,10	M	70C6	9,10	M	77G3	9,10	M	70C6
	7,8	M	92C1	7,8	M	92C1	7,8	M	61B1	7,8	M	89B3	7,8	M	61B1	7,8	M	89B3
	5,6	M	92C1	5,6	M	92C1	5,6	M	93C6	5,6	M	96F1	5,6	M	93C6	5,6	M	96F1
	3,4	M	92C1	3,4	M	92C1	3,4	M	93B6	3,4	M	95C3	3,4	M	93B6	3,4	M	95C3
	1,2	M	92C1	1,2	M	92C1	1,2	M	93G3	1,2	M	7666	1,2	M	93G3	1,2	M	7666
BOT	1,2	M	91D3	1,2	M	91D3	1,2	M	90F1	1,2	M	72E1	1,2	M	90F1	1,2	M	72E1
	3,4	M	91D3	3,4	M	91D3	3,4	M	93E6	3,4	M	72D6	3,4	M	93E6	3,4	M	72D6
	5,6	M	91D3	5,6	M	91D3	5,6	M	96B1	5,6	M	94E6	5,6	M	96B1	5,6	M	94E6
	7,8	M	91D3	7,8	M	91D3	7,8	M	95F8	7,8	M	96C1	7,8	M	95F8	7,8	M	96C1
	9,10	M	91D3	9,10	M	91D3	9,10	M	93F3	9,10	M	83A1	9,10	M	93F3	9,10	M	83A1
	11,12	M		11,12	M													
COIL			19B5			19E5			19A8			19B8			19E8			19E8

(FOR USE WITH TABLE IB)

RELAY																	
DESIG	RTE1			RTO1			TXE			TXE1			TXO			TXO1		
CODE	U65			U65			U57			U57			U57			U57		
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M		11,12	M													
	9,10	M	128D3	9,10	M	128D3	9,10	M	113E4	9,10	M	107E6	9,10	M	113E4	9,10	M	107E6
	7,8	M	128D3	7,8	M	128D3	7,8	M	99C8	7,8	M	125C3	7,8	M	99C8	7,8	M	125C3
	5,6	M	128D3	5,6	M	128D3	5,6	M	130C1	5,6	M	133A6	5,6	M	130C1	5,6	M	133A6
	3,4	M	128D3	3,4	M	128D3	3,4	M	130A1	3,4	M	132F1	3,4	M	130A1	3,4	M	132F1
	1,2	M	128D3	1,2	M	128D3	1,2	M	129F8	1,2	M	112D6	1,2	M	129F8	1,2	M	112D6
BOT	1,2	M	127A6	1,2	M	127A6	1,2	M	126B3	1,2	M	109B1	1,2	M	126B3	1,2	M	109B1
	3,4	M	127A6	3,4	M	127A6	3,4	M	130E1	3,4	M	109F4	3,4	M	130E1	3,4	M	109F4
	5,6	M	127A6	5,6	M	127A6	5,6	M	133E3	5,6	M	131G3	5,6	M	133E3	5,6	M	131G3
	7,8	M	127A6	7,8	M	127A6	7,8	M	133F1	7,8	M	133F3	7,8	M	133F1	7,8	M	133F3
	9,10	M	127A6	9,10	M	127A6	9,10	M	129D8	9,10	M	118D4	9,10	M	129D8	9,10	M	118D4
	11,12	M		11,12	M													
COIL			19B5			19E5			19A8			19B8			19E8			19E8

(FOR USE WITH TABLE IE)

RELAY																	
DESIG	RTE1			RTO1			TXE			TXE1			TXO			TXO1		
CODE	U65			U65			U57			U57			U57			U57		
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M		11,12	M													
	9,10	M	158E6	9,10	M	158E6	9,10	M	165E8	9,10	M	155D8	9,10	M	165E8	9,10	M	155D8
	7,8	M	14786	7,8	M	14786	7,8	M	174G6	7,8	M	165G1	7,8	M	174G6	7,8	M	165G1
	5,6	M	148C6	5,6	M	148C6	5,6	M	172B1	5,6	M	163C6	5,6	M	172B1	5,6	M	163C6
	3,4	M	14886	3,4	M	14886	3,4	M	171E8	3,4	M	163B6	3,4	M	171E8	3,4	M	163B6
	1,2	M	148G3	1,2	M	148G3	1,2	M	171D8	1,2	M	170E8	1,2	M	171D8	1,2	M	170E8
BOT	1,2	M	171A6	1,2	M	171A6	1,2	M	175A6	1,2	M	142G1	1,2	M	175A6	1,2	M	142G1
	3,4	M	171A6	3,4	M	171A6	3,4	M	172D1	3,4	M	162E1	3,4	M	172D1	3,4	M	162E1
	5,6	M	171A6	5,6	M	171A6	5,6	M	174G3	5,6	M	175F3	5,6	M	174G3	5,6	M	175E3
	7,8	M	171A6	7,8	M	171A6	7,8	M	175E3	7,8	M	175C6	7,8	M	175E3	7,8	M	175C6
	9,10	M	171A6	9,10	M	171A6	9,10	M	171B8	9,10	M	165B3	9,10	M	171B8	9,10	M	165B3
	11,12	M		11,12	M													
COIL			19B5			19E5			19A8			19B8			19E8			19E8

RELAY																	
DESIG																	
CODE																	
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																		
BOT																		
COIL																		

RELAY																	
DESIG																	
CODE																	
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																		
BOT																		
COIL																		

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25305-01-015

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25305-01-015

E-3422-B-2(8-64)

APP FIG 29

(FOR USE WITH TABLE I)

RELAY																	
DESIG	STC			STC1			STC2			STC3							
CODE	U65			U57			U65			U57							
OPTION							WD			WD							
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	48F8				11,12	M										
	9,10	M	34G1	9,10	M	34G1	9,10	M	34F3	9,10	M	34F3						
	7,8	M	34G1	7,8	M	34G1	7,8	M	34F3	7,8	M	34F3						
	5,6	M	34G1	5,6	M	34G1	5,6	M	34F3	5,6	M	34F3						
	3,4	M	34G1	3,4	M	34G1	3,4	M	34F3	3,4	M	34F3						
	1,2	M	34G1	1,2	M	34G1	1,2	M	34D3	1,2	M	34C3						
BOT	1,2	M	34G1	1,2	M	34G1	1,2	M	34D3	1,2	M	34C3						
	3,4	M	34G1	3,4	M	34G1	3,4	M	34D3	3,4	M	34C3						
	5,6	M	34G1	5,6	M	34G1	5,6	M	34D3	5,6	M	34C3						
	7,8	M	34G1	7,8	M	34G1	7,8	M	34D3	7,8	M	34C3						
	9,10	M	34G1	9,10	M	34G1	9,10	M	34D3	9,10	M	34C3						
	11,12	M	48C8				11,12	M										
COIL			21E3			21H3			21F3			21H3						

(FOR USE WITH TABLE IA)

RELAY																	
DESIG	STC			STC1			STC2			STC3			STC4			STC5		
CODE	U65			U57			U65			U57			U65			U57		
OPTION	NY						NZ						NJ			NJ		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	93G6				11,12	M					11,12	M				
	9,10	M	64D1	9,10	M	64D1	9,10	M	64C3	9,10	M	64C3	9,10	M	88D6	9,10	M	88D6
	7,8	M	64D1	7,8	M	64D1	7,8	M	64C3	7,8	M	64C3	7,8	M	81G1	7,8	M	81G1
	5,6	M	64D1	5,6	M	64D1	5,6	M	64C3	5,6	M	64C3	5,6	M	79B3	5,6	M	79B3
	3,4	M	64D1	3,4	M	64D1	3,4	M	64C3	3,4	M	64C3	3,4	M	79G1	3,4	M	79G1
	1,2	M	64D1	1,2	M	64D1	1,2	M	64F1	1,2	M	64G1	1,2	M	59F6	1,2	M	59F6
BOT	1,2	M	63D8	1,2	M	63D8	1,2	M	64F1	1,2	M	64G1	1,2	M	85C4	1,2	M	85C4
	3,4	M	63D8	3,4	M	63D8	3,4	M	64F1	3,4	M	64G1	3,4	M	91D3	3,4	M	91D3
	5,6	M	64D1	5,6	M	64D1	5,6	M	64F1	5,6	M	64G1	5,6	M	59E1	5,6	M	59E1
	7,8	M	64D1	7,8	M	64D1	7,8	M	64F1	7,8	M	64G1	7,8	M	70B3	7,8	M	70B3
	9,10	M	64D1	9,10	M	64D1	9,10	M	64F1	9,10	M	64G1	9,10	M	94B1	9,10	M	94B1
	11,12	M	68C6				11,12	M					11,12	M				
COIL			21E3			21H3			21F3			21H3			21F3			21G3

(FOR USE WITH TABLE IB)

RELAY																	
DESIG	STC			STC1			STC2			STC3			STC4			STC5		
CODE	U65			U57			U65			U57			U65			U57		
OPTION	NY						NZ			WD			NJ			NJ		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	130F1				11,12	M					11,12	M				
	9,10	M	101B8	9,10	M	101B8	9,10	M	102B1	9,10	M	102B1	9,10	M	124E8	9,10	M	124E8
	7,8	M	101B8	7,8	M	101B8	7,8	M	102B1	7,8	M	102B1	7,8	M	116D9	7,8	M	116D9
	5,6	M	101B8	5,6	M	101B8	5,6	M	102B1	5,6	M	102B1	5,6	M	115D1	5,6	M	115D1
	3,4	M	101B8	3,4	M	101B8	3,4	M	102B1	3,4	M	102B1	3,4	M	115B1	3,4	M	115B1
	1,2	M	101B8	1,2	M	101B8	1,2	M	101E8	1,2	M	101E8	1,2	M	98E6	1,2	M	98F6
BOT	1,2	M	101B8	1,2	M	101B8	1,2	M	101E8	1,2	M	101E8	1,2	M	120F6	1,2	M	120G6
	3,4	M	101B8	3,4	M	101B8	3,4	M	101E8	3,4	M	101E8	3,4	M	127H3	3,4	M	127H3
	5,6	M	101B8	5,6	M	101B8	5,6	M	101E8	5,6	M	101E8	5,6	M	98F1	5,6	M	98F1
	7,8	M	101B8	7,8	M	101B8	7,8	M	101E8	7,8	M	101E8	7,8	M	107E4	7,8	M	107E4
	9,10	M	101B8	9,10	M	101B8	9,10	M	101E8	9,10	M	101E8	9,10	M	130C6	9,10	M	130C6
	11,12	M	105C6				11,12	M					11,12	M				
COIL			21E3			21H3			21F3			21H3			21F3			21G3

(FOR USE WITH TABLE IE)

RELAY																	
DESIG	STC			STC1			STC2			STC3			STC4			STC5		
CODE	U65			U57			U65			U57			U65			U57		
OPTION	NY						NZ						NJ			NJ		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	163G3				11,12	M					11,12	M				
	9,10	M	143D6	9,10	M	143E6	9,10	M	143C8	9,10	M	143D8	9,10	M	163G8	9,10	M	163G8
	7,8	M	143D6	7,8	M	143E6	7,8	M	143C8	7,8	M	143D8	7,8	M	163G8	7,8	M	163G8
	5,6	M	143D6	5,6	M	143E6	5,6	M	143C8	5,6	M	143D8	5,6	M	163G8	5,6	M	163G8
	3,4	M	143D6	3,4	M	143E6	3,4	M	143C8	3,4	M	143D8	3,4	M	163G8	3,4	M	163G8
	1,2	M	143D6	1,2	M	143E6	1,2	M	143G6	1,2	M	143G6	1,2	M	163G8	1,2	M	163G8
BOT	1,2	M	143D6	1,2	M	143E6	1,2	M	143G6	1,2	M	143G6	1,2	M	163E8	1,2	M	163F8
	3,4	M	143D6	3,4	M	143E6	3,4	M	143G6	3,4	M	143G6	3,4	M	163E8	3,4	M	163F8
	5,6	M	143D6	5,6	M	143E6	5,6	M	143G6	5,6	M	143G6	5,6	M	163E8	5,6	M	163F8
	7,8	M	143D6	7,8	M	143E6	7,8	M	143G6	7,8	M	143G6	7,8	M	163E8	7,8	M	163F8
	9,10	M	143D6	9,10	M	143E6	9,10	M	143G6	9,10	M	143G6	9,10	M	163G8	9,10	M	163G8
	11,12	M	161F1				11,12	M					11,12	M				
COIL			21E3			21H3			21F3			21H3			21F3			21G3

NETWORK

OPT	DESIG	LOC	CODE
NZ	STC	21E3	177C
WD	STC1	21H3	

APP FIG 30

RELAY						
DESIG	XTL					
CODE	U422					
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	1,2,3	BM	22D1			
BOT	1,2	M				
COIL			22D1			

APP FIG 31

RELAY						
DESIG	PTP					
CODE	U168					
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	4,5	M	1C/C8			
	1,2,3	BM	1C/F8			
BOT	1,2,3	MB	1C/G8			
COIL			1C/G8			

APP FIG 32

RELAY						
DESIG	PPR0					
CODE	U168					
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	4,5	M	1C/E7			
	1,2,3	BM	1C/F7			
BOT	1,2,3	MB	1C/G6			
COIL			1C/G6			

APP FIG 33

RELAY						
DESIG	PPR1					
CODE	U168					
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	4,5	M	1C/E6			
	1,2,3	BM	1C/F6			
BOT	1,2,3	MB	1C/G6			
COIL			1C/G5			

APP FIG 34

RELAY						
DESIG	PPR2					
CODE	U168					
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	4,5	M	1C/E5			
	1,2,3	BM	1C/F5			
BOT	1,2,3	MB	1C/G5			
COIL			1C/G5			

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C16

BELL TELEPHONE LABORATORIES INCORPORATED 65

E-7422-8-2(8-64)

APP FIG 35

(FOR USE WITH TABLE I)

RELAY																	
DESIG	RGC0(-)			RGC1(-)			RGC2(-)										
CODE	U588			U588			U588										
OPTION							XY,WB										
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	34G1	11,12	M	34E1	11,12	M										
	9,10	M	34G1	9,10	M	34E1	9,10	M										
	7,8	M	34G1	7,8	M	34E1	7,8	M										
	5,6	M	34G1	5,6	M	34E1	5,6	M										
	3,4	M	34G1	3,4	M	34C3	3,4	M										
	1,2	B	23H2	1,2	B	23H2	1,2	B	23H2									
BOT	1,2	B	23B2	1,2	B	23H2	1,2	B	23H2									
	3,4	M	34G1	3,4	M	34C3	3,4	M	46C3									
	5,6	M	34G1	5,6	M	34C3	5,6	M	46G1									
	7,8	M	34G1	7,8	M	34C3	7,8	M	46H1									
	9,10	M	34G1	9,10	M	34C3	9,10	M	36G1									
	11,12	M	34G1	11,12	M	34C3	11,12	M										
COIL			23G3			23G3			23G3									

(FOR USE WITH TABLE IA)

RELAY																	
DESIG	RGC0(-)			RGC1(-)			RGC2(-)										
CODE	U588			U588			U588										
OPTION							XY,WB										
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	64C1	11,12	M	64B3	11,12	M										
	9,10	M	64C1	9,10	M	64B3	9,10	M										
	7,8	M	64C1	7,8	M	64B3	7,8	M										
	5,6	M	64C1	5,6	M	64B3	5,6	M										
	3,4	M	64C1	3,4	M	64F1	3,4	M										
	1,2	B	23H2	1,2	B	23H2	1,2	B	23G2									
BOT	1,2	B	23B2	1,2	B	23H2	1,2	B	23G2									
	3,4	M	63C8	3,4	M	64F1	3,4	M	82C6									
	5,6	M	63C8	5,6	M	64F1	5,6	M	82C6									
	7,8	M	64C1	7,8	M	64F1	7,8	M	82C6									
	9,10	M	64C1	9,10	M	64F1	9,10	M	82C6									
	11,12	M	64C1	11,12	M	64F1	11,12	M										
COIL			23G3			23G3			23G3									

(FOR USE WITH TABLE IB)

RELAY																	
DESIG	RGC0(-)			RGC1(-)			RGC2(-)										
CODE	U588			U588			U588										
OPTION							XY,WB										
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	101A8	11,12	M	102A1	11,12	M										
	9,10	M	101A8	9,10	M	102A1	9,10	M										
	7,8	M	101A8	7,8	M	102A1	7,8	M										
	5,6	M	101A8	5,6	M	102A1	5,6	M										
	3,4	M	101A8	3,4	M	101E8	3,4	M										
	1,2	B	23H2	1,2	B	23H2	1,2	B	23G2									
BOT	1,2	B	23B2	1,2	B	23H2	1,2	B	23G2									
	3,4	M	101A8	3,4	M	101E8	3,4	M	118B1									
	5,6	M	101A8	5,6	M	101E8	5,6	M	118B1									
	7,8	M	101A8	7,8	M	101E8	7,8	M	118B1									
	9,10	M	101A8	9,10	M	101E8	9,10	M	118B1									
	11,12	M	101A8	11,12	M	101E8	11,12	M										
COIL			23G3			23G3			23G3									

(FOR USE WITH TABLE IE)

RELAY																	
DESIG	RGC0(-)			RGC1(-)			RGC2(-)										
CODE	U588			U588			U588										
OPTION							XY,WB										
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	143C6	11,12	M	143B8	11,12	M										
	9,10	M	143C6	9,10	M	143B8	9,10	M										
	7,8	M	143C6	7,8	M	143B8	7,8	M										
	5,6	M	143C6	5,6	M	143B8	5,6	M										
	3,4	M	143C6	3,4	M	143F6	3,4	M										
	1,2	B	23H2	1,2	B	23H2	1,2	B	23G2									
BOT	1,2	B	23B2	1,2	B	23H2	1,2	B	23G2									
	3,4	M	143C6	3,4	M	143F6	3,4	M	163E8									
	5,6	M	143C6	5,6	M	143F6	5,6	M	163E8									
	7,8	M	143C6	7,8	M	143F6	7,8	M	163E8									
	9,10	M	143C6	9,10	M	143F6	9,10	M	163E8									
	11,12	M	143C6	11,12	M	143F6	11,12	M										
COIL			23G3			23G3			23G3									

APP FIG 36

RELAY																	
DESIG	PRA(-)			PRB(-)			PTI(-)										
CODE	U54			U223			U639										
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	28D1				11,12	M	IC/B1-B7									
	9,10	M	27F1															
	7,8	M	27E7	7,8	M	23E1	8,9,10	BM	9F6									
	5,6	M	11G4	5,6	M	23F1	6,7	M	9G6									
	3,4	M	23F1	3,4	M	23F1	4,5	M	IC/D1-D7									
	1,2	B	14G3	1,2	M		1,2,3	MB	9B9,D9									
BOT	1,2	M	3E3	1,2	M	29F/E2	1,2	B	14G2									
	3,4	M		3,4	M	2D5	3,4	M	IC/F1-F7									
	5,6	M	29F/E1	5,6	M	3E3	5,6	M	2C7									
	7,8	M	a				7,8,9	BM	9G8									
	9,10	M					10,11	M	6D4									
	11,12	M	2D2															
COIL			IC/D0-D6			IC/D1-D7			9B8,C8									

a: 23G1, 136F6

RELAY																	
DESIG																	
CODE																	
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																		
BOT																		
COIL																		

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR C&F (2)

SD-25805-01-C17

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C17

E-3422-8-2(8-64)

APP FIG 37

(FOR USE WITH TABLE I)

RELAY																				
DESIG	PC0(-)			PC1(-)			PC2(-)													
CODE	U65			U65			U65													
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	41D6	11,12	M	31F3	11,12	M												
	9,10	M	32F6	9,10	M	33D8	9,10	M	52C8											
	7,8	M	32F6	7,8	M	33C8	7,8	M	3486											
	5,6	M	32F6	5,6	M	33B8	5,6	M	4881											
	3,4	M	32F6	3,4	M	3306	3,4	M	4606											
	1,2	M	32F6	1,2	M	49C6	1,2	M	3886											
BOT	1,2	M	31B6	1,2	M	32F1	1,2	M	46A3											
	3,4	M	31B6	3,4	M	32F1	3,4	M	3981											
	5,6	M	31B6	5,6	M	32F1	5,6	M	53C6											
	7,8	M	31B6	7,8	M	32F1	7,8	M	4608,E8											
	9,10	M	31B6	9,10	M	32F1	9,10	M	50E8											
	11,12	M	30F6	11,12	M	57C6	11,12	M	3886											
COIL			2383			2383			2383											

(FOR USE WITH TABLE IA)

RELAY																				
DESIG	PC0(-)			PC1(-)			PC2(-)													
CODE	U65			U65			U65													
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	85B4	11,12	M	59E6	11,12	M												
	9,10	M	61C4	9,10	M	63D5,E6	9,10	M	72D8											
	7,8	M	61C4	7,8	M	6306	7,8	M	89D8											
	5,6	M	61C4	5,6	M	63C6	5,6	M	86F8											
	3,4	M	61C4	3,4	M	6386	3,4	M	8608											
	1,2	M	61C4	1,2	M	8648	1,2	M	70E6											
BOT	1,2	M	59B8	1,2	M	60E6	1,2	M	86C8											
	3,4	M	59B8	3,4	M	60E6	3,4	M	7101											
	5,6	M	59B8	5,6	M	60E6	5,6	M	90D3											
	7,8	M	59B8	7,8	M	60E6	7,8	M	97A1,B1											
	9,10	M	5988	9,10	M	60F6	9,10	M	5984											
	11,12	M	5981	11,12	M	87C1	11,12	M	7063											
COIL			2383			2383			2383											

(FOR USE WITH TABLE IB)

RELAY																				
DESIG	PC0(-)			PC1(-)			PC2(-)													
CODE	U65			U65			U65													
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	120E6	11,12	M	98E6	11,12	M												
	9,10	M	100C1	9,10	M	101G6	9,10	M	109E6											
	7,8	M	100L1	7,8	M	101F6	7,8	M	125E8											
	5,6	M	100C1	5,6	M	101F6	5,6	M	122G6											
	3,4	M	100C1	3,4	M	101E6	3,4	M	122E6											
	1,2	M	100C1	1,2	M	122C6	1,2	M	107G6											
BOT	1,2	M	98C8	1,2	M	99D6	1,2	M	122D6											
	3,4	M	98C8	3,4	M	99D6	3,4	M	108D1											
	5,6	M	98C8	5,6	M	99D6	5,6	M	126F3											
	7,8	M	98C8	7,8	M	99D6	7,8	M	122D8											
	9,10	M	98C8	9,10	M	99D6	9,10	M	9884											
	11,12	M	98C1	11,12	M	122C8	11,12	M	10786											
COIL			2383			2383			2383											

(FOR USE WITH TABLE ID)

RELAY																				
DESIG	PC0(-)			PC1(-)			PC2(-)													
CODE	U65			U65			U65													
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M		11,12	M	137E6	11,12	M												
	9,10	M	135F3	9,10	M	135C6	9,10	M	136H6											
	7,8	M	135F3	7,8	M	135C6	7,8	M	136D6											
	5,6	M	135F3	5,6	M	135C6	5,6	M	136H6											
	3,4	M	135F3	3,4	M	135B6	3,4	M	136C6											
	1,2	M	135F3	1,2	M	136C8	1,2	M												
BOT	1,2	M	135C3	1,2	M	135E3	1,2	M	136C6											
	3,4	M	135C3	3,4	M	135E3	3,4	M												
	5,6	M	135C3	5,6	M	135E3	5,6	M	137B3											
	7,8	M	135C3	7,8	M	135E3	7,8	M	137F1											
	9,10	M	135C3	9,10	M	135E3	9,10	M	137A3											
	11,12	M		11,12	M		11,12	M												
COIL			2383			2383			2383											

(FOR USE WITH TABLE IE)

RELAY																				
DESIG	PC0(-)			PC1(-)			PC2(-)													
CODE	U65			U65			U65													
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	164B8	11,12	M	139C8	11,12	M												
	9,10	M	141B6	9,10	M	141F8	9,10	M	152D3											
	7,8	M	141B6	7,8	M	141E8	7,8	M	150C6,D6											
	5,6	M	141B6	5,6	M	141D8	5,6	M	1628											
	3,4	M	141B6	3,4	M	141B8	3,4	M	161D1											
	1,2	M	141B6	1,2	M	141G8	1,2	M	150G6											
BOT	1,2	M	139D8	1,2	M	140F8	1,2	M	160H3											
	3,4	M	139D8	3,4	M	140F8	3,4	M	151E1											
	5,6	M	139D8	5,6	M	140F8	5,6	M	169D8											
	7,8	M	139D8	7,8	M	140E8	7,8	M	161D3											
	9,10	M	139D8	9,10	M	140E8	9,10	M	139B3											
	11,12	M	139D1	11,12	M	176D8	11,12	M	150D6											
COIL			2383			2383			2383											

(FOR USE WITH TABLE IF)

RELAY																				
DESIG																				
CODE																				
OPTION																				
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																				
BOT																				
COIL																				

DRAWING ISSUE 72D

ISSUE 98B

MASTER TEST FRAME CONNECTOR UNIT (2) SD-25805-01-C18

BELL TELEPHONE LABORATORIES INCORPORATED SHEET 65

E-7422-8-2(8-64)

APP FIG 38 (1ST)

RELAY (ASSOC WITH 1ST, 2ND & 3RD PRT)

DESIG	RP(-)			RPI(-)						RP(-)			RPI(-)					
CODE	U522			U522						U522			U522					
OPTION																		
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP	4,5	M	14F0	4,5	M	14G0				4,5	M	14F0	4,5	M	14G0			
	1,2,3	BM		1,2,3	BM					1,2,3	BM		1,2,3	BM				
BOT	1,2	M	14F0	1,2	M	14G0				1,2	M	14F0	1,2	M	14G0			
	3,4	M	14F0	3,4	M	14G0				3,4	M	14F0	3,4	M	14G0			
COIL			12C6			12E6						12C6			12E6			

APP FIG 38 (2ND)

(ASSOC WITH 6TH, 7TH & 8TH PRT)

DESIG																		
CODE																		
OPTION																		
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP																		
BOT																		
COIL																		

APP FIG 39

RELAY

DESIG	SP3					
CODE	U485					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP	8,9	B	15F1			
	6,7	M	15F3			
	4,5	B	15D0			
	1,2,3	MB	15E3			
BOT	1,2,3	MB	15E1			
	4,5	B	15D2			
	6,7	M				
COIL			15E2			

NETWORK

OPT	DESIG	LOC	CODE
	SP3	15E2	177C

APP FIG 40

RELAY

DESIG	LIT					
CODE	U168					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M				
	1,2,3	BM	18/F8			
BOT	1,2,3	MB	18/G8			
COIL			18/E8			

APP FIG 41

RELAY

DESIG	MKA2(-)			MKB2(-)			MKB2(-)			MKT1(-)								
CODE	U50			U50			U695			U73								
OPTION				XS			UI,XT											
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
							11,12	M	17F2									
TOP	10,11	M	10F1	10,11	M	3G2	9,10	M	26B/C1									
	8,9		3G1	8,9	M	2C5	7,8	M	26H4	8,9	M	1D/B1						
	6,7	M	11D4	6,7	M	26B/C1	5,6	M	3G2	6,7	M	11G1						
	4,5	M	2D7	4,5	M	26H4	3,4	M	2C5	4,5	M	6C4						
	1,2,3	BM	13D3	1,2,3	BM	10F7	1,2	M	10F7	1,2,3	MB	7A1						
BOT	1,2	M	27C7	1,2	M	17G2	1,2	M	17G2	1,2,3	MB	13D3						
	3,4	M	27C1	3,4	M	17D2	3,4	M	17D2	4,5	M	11B1						
	5,6	M	17A1	5,6	M	17E2	5,6	M	17E2	6,7	M	2E7						
	7,8	M	17A1	7,8	M	17E2	7,8	M	17E2	8,9	M	2A7						
	9,10	M	17B1	9,10	M	17E2	9,10	M	17E2									
COIL			10/A0			10/A1	11,12	M	28E1									
							10/A1					78D,B1						

APP FIG 42

RELAY

DESIG	SL																	
CODE	U422																	
OPTION																		
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP																		
	1,2,3	BM																
BOT	1,2	M	25H6															
COIL			25H6															

APP FIG 43

RELAY

DESIG	CITA			MTL			MTPI			RTST			SKT					
CODE	U179			U601			U73			U1018			U809					
OPTION	ZF																	
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
													9,10	M	4D7			
TOP	8,9	M		8,9	M		8,9	M	7G1				7,8	M	5C2			
	6,7	M		6,7	M		6,7	M		5,6	M		5,6	M				
	4,5	M	2B7	4,5	M	4H1	4,5	M		3,4	B	1E/E2	3,4	M				
	1,2,3	BM		1,2,3	BM	4H7	1,2,3	MB	1F/A6	1,2	B	1E/E3	1,2	M	10C4			
BOT	1,2,3	BM		1,2	BM	1F/C8	1,2,3	BM	4F0	1,2	B	1E/E6	1,2,3	BM	4C6			
	4,5	M		3,4,5	M	7A9	4,5	M	10C4	3,4	B		4,5	M	7C9			
	6,7	M	6A7	6,7	M		6,7	M	6B7	5,6	M	1E/D9	6,7	M	8D9			
							8,9	M	10B4				8,9	M	6A7			
COIL			2C8			4E0			1F/B5			1E/B8			4C7			

APP FIG 44

RELAY

DESIG	AKT			ATP			ATPI					
CODE	U82			U168			U73					
OPTION	VQ											
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP							8,9	M	7G6			
	5,6	M	5D2				6,7	M				
	3,4	M	4D8	4,5	M	1E/E7	4,5	M				
	1,2	B	4C7	1,2,3	BM	1E/F7	1,2,3	MB	1E/A7			
BOT	1,2	B		1,2,3	MB	1E/H6	1,2,3	BM	4F1			
	3,4	M	6G7				4,5	M	10D4			
	5,6	M	7C9				6,7	M	6G7			
							8,9	M				
COIL			4C8			1E/G6			1E/E6			

NETWORK

OPT	DESIG	LOC	CODE
	ATP	1E/G6	177C
	ATPI	1E/E6	

APP FIG 45

RELAY

DESIG	EXB					
CODE	U422					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	1,2,3	BM	25D1			
	1,2	M				
BOT						
COIL			25C0			

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | C19

SD-25805-01-C19

APP FIG 46

RELAY

DESIG	LVP			LVP1								
CODE	U168			U73								
OPTION												
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP				8,9	M	7G7						
				6,7	M							
	4,5	M	1E/E3	4,5	M							
	1,2,3	BM	1E/F3	1,2,3	MB	1E/A4						
BOT	1,2,3	MB	1E/H3	1,2,3	BM	4F5						
				4,5	M							
				6,7	M	6D7						
				8,9	M							
COIL			1E/G3			1E/E3						

NETWORK

OPT	DESIG	LOC	CODE
	LVP	1E/G3	177C
	LVP1	1E/E3	

APP FIG 47

RELAY

DESIG	PTP1					
CODE	U73					
OPTION						
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP	8,9	M				
	6,7	M				
	4,5	M				
	1,2,3	MB	1C/B8			
BOT	1,2,3	BM				
	4,5	M	9E9			
	6,7	M	6B7			
	8,9	M				
COIL			1C/D8			

APP FIG 48

RELAY

DESIG	TTL			TTP1								
CODE	U601			U73								
OPTION												
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP	8,9	M		8,9	M	8H1						
	6,7	M		6,7	M							
	4,5	M	4G8	4,5	M							
	1,2,3	BM	4G9	1,2,3	MB	1A/A8						
BOT	1,2	B	1F/B8	1,2,3	BM	4F8						
	3,4,5	BM	8A8	4,5	M							
	6,7	M		6,7	M	6B7						
				8,9	M							
COIL			4E8			1A/B7						

APP FIG 49

RELAY

DESIG	LTP			LTP1								
CODE	U138			U73								
OPTION												
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP				8,9	M	8G6						
	6,7	M	1B/G2	6,7	M							
	4,5	B		4,5	M							
	1,2,3	MM	1A/B6	1,2,3	MB	1A/A6						
BOT	1,2,3	MB	1A/F6	1,2,3	BM	4F9						
	4,5,6	BM	1A/D6	4,5	M							
				6,7	M	6D7						
				8,9	M							
COIL			1A/E5			1A/B6						

NETWORK

OPT	DESIG	LOC	CODE
	LTP	1A/E5	177C
	LTP1	1A/B6	

APP FIG 52 (MFR DISC)

(FOR USE WITH TABLE IE)

RELAY							
DESIG	P0(-)	P1(-)	P2(-)				DESIG
CODE	236B	236B	236B				CODE
OPTION							OPTION
54	158F3	173E1					54
53	173B1	173E1	141A8				53
52	173A1	173E1	141G6				52
51	172F8	173E1	172E8				51
50	166E8	173E1	173E4				50
44	152B3	173E1	173E4				44
43	165F3	173E1	170F4				43
42	170F9	173E1	176E9				42
41	163D8	173C1	176D7				41
40	164D3	173E1	145F8				40
34	161C8	146C6	173C4				34
33	173D6	141C1	173F4				33
32	173D6	155E3					32
31	173D6	154B8	173C4				31
30	173D6	154G6	153D3				30
24	173D6	154G6	173D4				24
23	173D6	154G6	173B6				23
22	173D6	154G6	173E8				22
21	173D6	173G6	173B8				21
20	173D6	173E1	155D8				20
14	173D6	173D1	155C8				14
13	173H6	173C1	153G3				13
12	162G1	158G3	153G3				12
11	164B1	173D8	171A1				11
10	160A8	170C6	173G6				10
04			155E3				04
03			173D8				03
02			173D8				02
01			173D8				01
00			173D8				00
COIL	16A/G7	16A/F7	16A/C3				COIL

NETWORK

OPT	DESIG	LOC	CODE
	P0(-)	16A/G7	180A
	P1(-)	16A/F7	
	P2(-)	16A/C3	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
		11	98B
BELL LABORATORIES	SD-25805-01-		C20

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APP FIG. 53

RELAY

DESIG	BC			MAGT			MMT			MPB			MPS			SC		
CODE	U675			U138			U138			U138			U138			U73		
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	1B/C6															
	8,9,10	BM	14G4													8,9	M	
	6,7	M	1A/C4	6,7	M	1B/G6	6,7	M	2E2	6,7	M	1B/G6	6,7	M	1B/G6	6,7	M	
	4,5	M	21B1	4,5	B		4,5	B	14E4	4,5	B		4,5	B		4,5	M	29F/E0
	1,2,3	MB	1B/C4	1,2,3	MM	ES	1,2,3	MM	1B/C6	1,2,3	MM	ES	1,2,3	MM	ES	1,2,3	MB	14H4
BOT	1,2	M	a	1,2,3	MB	1B/E6	1,2,3	MB		1,2,3	MB	1B/E5	1,2,3	MB	1B/E5	1,2,3	BM	b
	3,4	M	b	4,5,6	BM	1B/E6	4,5,6	BM	21F1	4,5,6	BM	1B/E5	4,5,6	BM	1B/E5	4,5	M	a
	5,6	M	2E2													6,7	M	2E2
	7,8,9	BM	29F/J0													8,9	M	
	10,11	M	24B7															
COIL			1B/D5			1B/E5			1B/D6			1B/E4			1B/E5			1B/D5

a	TABLE 1A	62D8
	TABLE 1B	101E1
	TABLE 1E	142H6
b	TABLE 1A	62D8
	TABLE 1B	101E1
	TABLE 1E	142G6

a	TABLE 1A	62D8
	TABLE 1B	101F1
	TABLE 1E	142H6
b	TABLE 1A	91G6
	TABLE 1B	127C8
	TABLE 1E	156F3

RELAY

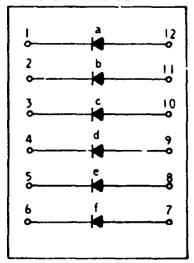
DESIG	BCA																	
CODE	U588																	
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	1A/B3															
	9,10	M	1A/B3															
	7,8	M	1A/B3															
	5,6	M	1A/B3															
	3,4	M																
	1,2	B	3D4															
BOT	1,2	B	9B1															
	3,4	M																
	5,6	M	1A/B3															
	7,8	M	1A/B3															
	9,10	M	1A/B3															
	11,12	M	1A/B3															
COIL			1B/C4															

NETWORK

OPT	DESIG	LOC	CODE
	MAGT	1B/E5	177C
	MPB	1B/E4	
	MPS	1B/E5	

APP FIG. 54

COMPONENT ASSEMBLY



DESIG		AMAT0		AMAT1		AMAT2		AMAT3		AIODT0		AIODT1		AIODT2		AIODT3	
CODE		[4] ED-94823-( ),G912								[4] ED-94823-( ),G912							
OPTION		LV								LX							
COMPONENT	CODE	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC	DESIG	LOC
DIODE a	446F	G0	29G/A1	G5	29G/A1	G10	29G/A1	G15	29G/A1	GR0	29G/B1	GR5	29G/B1	GR10	29G/B1	GR15	29G/B1
b		G1	29G/A1	G6	29G/A1	G11	29G/A1	G16	29G/A1	GR1	29G/B1	GR6	29G/B1	GR11	29G/B1	GR16	29G/B1
c		G2	29G/A1	G7	29G/A1	G12	29G/A1	G17	29G/A1	GR2	29G/B1	GR7	29G/B1	GR12	29G/B1	GR17	29G/B1
d		G3	29G/A1	G8	29G/A1	G13	29G/A1	G18	29G/A1	GR3	29G/B1	GR8	29G/B1	GR13	29G/B1	GR18	29G/B1
e		G4	29G/A1	G9	29G/A1	G14	29G/A1	G19	29G/A1	GR4	29G/B1	GR9	29G/B1	GR14	29G/B1	GR19	29G/B1
f		GA	29G/C1	GB	29G/D1					GRA	29G/C1	GRB	29G/E1				

DRAWING ISSUE

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C21

BELL TELEPHONE LABORATORIES INCORPORATED 65

E-7422-B-1 (12-69)

APP FIG 55

	FOR USE WITH TABLE 1A			FOR USE WITH TABLE 1B			FOR USE WITH TABLE 1E						
DESIG	V15			V15			V15						DESIG
CODE	286H			286H			286H						CODE
OPTION													OPTION
54	ES			ES			ES						54
53													53
52													52
51													51
50													50
44	70F3			107B6			150D6						44
43	70F3			107B6			150D6						43
42	70F3			107B6			150D6						42
41	70F3			107B6			150D6						41
40	70F3			107B6			150D6						40
34	71C1			108D1			151E1						34
33	71C1			108D1			151E1						33
32	71C1			108D1			151E1						32
31	71C1			108D1			151E1						31
30	71C1			108D1			151E1						30
24	73F1			109E8			152C6						24
23	73F1			109E8			152C6						23
22	73F1			109E8			152C6						22
21	73F1			109E8			152C6						21
20	73F1			109E8			152C6						20
14	79F3			115B4			167H6						14
13	67D3			104B6			167F6						13
12	68B3			105D4			167F6						12
11	68G1			105C4			167F6						11
10	68F1			105B4			139C3						10
04	85F8			121E3			166F3						04
03	82C6			118B1			166D3						03
02	82C6			118B1			166D3						02
01	82C6			118B1			166D3						01
00	82C6			118B1			166D3						00
COIL	18A4			18A4			18A4						COIL

NETWORK

OPT	DESIG	LOC	CODE
	V15	18A4	180A

APP FIG 56

RELAY

DESIG	LITV		LITVI							
CODE	AJ15		AJ15							
OPTION										
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	EBM		EBM							
11	EBM		EBM							
10	EBM		EBM							
9	EBM		EBM							
8	EMB		EMB							
7	EBM		EBM	18/F9						
6	EMB	18/G7	EMB							
5	EMB	18/G9	EMB	a						
4	EBM		EBM	8G7						
3	EBM	18/G9	EBM	18/F9						
2	EBM	18/F9	EBM	6A6						
1	EBM		EBM	5D3						
COIL		18/E9		18/F9						

a (KN) 883
(KO) 887

APP FIG 57

	FOR USE WITH TABLE 1			FOR USE WITH TABLE 1A			FOR USE WITH TABLE 1B			FOR USE WITH TABLE 1E			
DESIG	EO(-)			EO(-)			EO(-)			EO(-)			DESIG
CODE	286B			286B			286B			286B			CODE
OPTION													OPTION
54													54
53	56G6			75A6			111D8			154D3			53
52													52
51													51
50	41H3			72G6			109C6			155B3			50
44	57C1			95D3			132G1			175D3			44
43													43
42													42
41													41
40													40
34	57A4												34
33													33
32													32
31													31
30													30
24													24
23	39H3												23
22	39H3												22
21	39H3												21
20	39H3												20
14													14
13	55C1												13
12	55C1												12
11	55C1												11
10	55C1												10
04	41F8												04
03	42B1												03
02													02
01													01
00	46B6			81D3			117B1			160F8			00
COIL	16B/C3			16B/C3			16B/C3			16B/C3			COIL

NETWORK

OPT	DESIG	LOC	CODE
	EO(-)	16B/C3	180A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 100B

BELL LABORATORIES | SD-23605-01- | C22

SD-23605-01-C22

E-74281 (6-75) PRINTED IN U.S.A.

APP FIG 58

RELAY DESIG	TVB-											DESIG
CODE	286H											CODE
OPTION												OPTION
54												54
53												53
52												52
51												51
50	29G/A8											50
44	11G4											44
43												43
42												42
41												41
40	28E7											40
34												34
33												33
32	28C7											32
31												31
30												30
24	9C0											24
23	2E4											23
22	3F3											22
21												21
20												20
14												14
13												13
12	29G/G6											12
11	29G/F6											11
10	29G/D6											10
04												04
03	29G/G6											03
02	29G/F6											02
01	29G/D6											01
00	26A/G5											00
COIL	1A/B3											COIL

NETWORK

OPT	DESIG	LOC	CODE
	TVB-	1A/B3	180A

APP FIG 59

RELAY	1ST					2ND				
DESIG	TVB-					TVB-				DESIG
CODE	286H					286H				CODE
OPTION										OPTION
54										54
53	29G/F8					29G/F8				53
52	29G/E8					29G/E8				52
51	29G/C8					29G/C8				51
50	29G/A8					29G/A8				50
44	11G4					11G4				44
43										43
42										42
41										41
40	28E7					28E7				40
34										34
33										33
32	28C7					28C7				32
31										31
30										30
24	9C0					9C0				24
23	2E4					2E4				23
22	3F3					3F3				22
21										21
20										20
14										14
13										13
12										12
11										11
10										10
04										04
03										03
02										02
01										01
00	26A/G5					26A/G5				00
COIL	1A/B3					1A/B3				COIL

NETWORK

OPT	DESIG	LOC	CODE
	TVB-	1A/B3	180A

APP FIG 60

RELAY	TABLE I		TABLE IA		TABLE IB		TABLE ID		TABLE IE			DESIG
DESIG	VO	VI	VO	VI	VO	VI	VO	VI	VO	VI		CODE
CODE	286H	286H	286H	286H	286H	286H	286H	286H	286H	286H		OPTION
OPTION												54
54		54B8		78F1		128B1		137C3		157C3		53
53	57H3	49F3	85G6	85C1	121G1	120F3	137D6	136C8	141B3	164B6		52
52	56F1		89G1		131A3		137B6		156G6			51
51	57A6		62E1		100D6		137E6		142F3			50
50	57B3		75F8		112D1		137D6		164D3			44
44	45D6		82F6		118D1		135E8		150F1			43
43	45D6		60D8		99G6		135E8		150F1			42
42	45D6		89E1		125G1		135E8		150F1			41
41	45D6		75C8		112B1		135E8		150F1			40
40	45D6	33D6	68H3	87C8	105B6	123F6	135E8	137G3	150F1	172D4		34
34	44H6	33C6	75F6	75G1	112B1	111D6	135B8	137G3	147F8	172D4		33
33	44E6	33C6	84D6	8.E6	120B1	117H1	136B6	137G3	159E6	172D4		32
32	50E3	33D6	87D3	79B6	123E1	115E4	135A8	137G3	147F6	172D4		31
31	50D3	33C6	87E3	61H1	123F1	99G8	136E3	137G3	158C8	172D4		30
30	45G6	33C6	68G3	80F3	105B6	116G1	137F6	137G3	149D6	172D4		24
24	45F6		80A8		116G4		137F6		149D6			23
23	45F6	51F6	67A6	94F3	104D6	131A1	137F6	137C1	149D6	174F3		22
22	45F6		89C6		125C6		137F6		149D6			21
21	45F6	33F3	81B3	95F3	116E8	132A3	137F6	135F8	149D6	175B8		20
20	45F6		81D6		117G1		137F6		149D6			14
14	55E1	30D8	92H1	59D4	128B6	98D4	137F3	135B3	171F6	139A3		13
13	55E1	30D6	92H1	59A1	128B6	98A1	137F3	135A3	171F6	139C1		12
12	55E1		92H1		128B6		137F3		171F6			11
11	55E1		92H1		128B6		137F3		171F6			10
10	55E1	52E3	92F1	96B8	128G3	134C6	137F3	137E1	171D6	174B8		04
04	39E1	52G6	71G1	70F1	108G1	107G1	136E8	137G1	151B3	172F6		03
03	39E1	48F6	71G1	70G1	108G1	107B4	136E8	136B8	151B3	172B8		02
02	39E1		71G1		108G1		136E8		151B3			01
01	39E1		71G1		108G1		136E8		151B3			00
00	39E1		71G1		108G1		136E8		151B3			COIL
COIL	29G/A8	29G/B8	29G/A8	29G/B8	29G/A8	29G/B8	29G/A8	29G/B8	29G/A8	29G/B8		

NETWORK

OPT	DESIG	LOC	CODE
	VO	29G/A8	180A
	VI	29G/B8	180A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 63 | ISSUE 988

BELL LABORATORIES | SD-25805-01 | C23

PART OF APP FIG 61

FOR TABLE I

RELAY DESIG / CODE / OPTION	V2 286H	V3 286H	V4 286H	V5 286H	V6 286H	V7 286H	V8 286H	V9 286H
54	36D6	44B8		50F6	55C1		38C3	51E1
53	36D6	44C3		50F6	55C1		38C3	
52	36D6		45E3	50F6	55C1		38C3	52B3
51	36D6	30B8	45E3	50F6	55C1	32C8	38C3	
50	36D6		45E3	50F6	55C1	32C8	38C3	
44	36E1	40F6	53F8	50F6	55C1	42B3	38C1	38D3
43	36E1		53F8	50F6	55C1	42B3	38C1	41G6
42	36E1		53F8	50F6	55C1	42G1	50C6	55C8
41	36E1		53F8	50F6	55C1	42G1	49F3	30D8
40	36E1		45C3	50F6	55C1	42G1	39C6	41G6
34	35E1	40F3	45C3	39B6		34C6	35B1	
33	35E1	40E3	45G1	39G3		34C6	32B1	
32	35E1	40E3	45G1	39G3	37E8	34C6	32F3	
31	35E1	40E3	45G1	39G3	37E8	34C6	47B6	
30	35E1	40E3	45G1	39G3	37E8	34C6	35B8	
24	32H6	40C1	55B6	39G3	38A3	51C6		44E3
23	32H6	40C1	55E3	39E3	38A3	51C6	40D8	49B6
22	32H6	40C1	55E3	39E3	38A3	51C6	45G8	49H3
21	32H6	40C1	55E3	39E3	38A3	51C6	33B3	
20	32H6	40C1	55C3	39E3	38A3	51C6	46C1	
14	32H1	38H8	55C3	44B1	55D6	37B1	46H6	
13	32H1	38E8	37D8	44B1	55D6	36G8	36B1	
12	32H1	38E8	37D8	44B1	55D6	55H1	46B8	51C1
11	32H1	38E8	37D8	43H8	55D6	55H1	35F8	47B1
10	32H1	38E8	37D8	43H8	55D6	55H1	45D8	36H3
04	31A6	38F3	38F1	43H8	39F1	34F8	42B8	
03	31A6	38F3	38F1	43H8	39F1	34F8	48F1	
02	31A6	38F3	38F1	43F8	39F1	34F8	53E3	
01	31A6	38F3	38F1	43C8	39F1	34F8	47C8	
00	31A6	38F3	38D1	43C8	39F1	34F8	33C3	a
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8

a 41H3, 46B6

FOR TABLE IA

RELAY DESIG / CODE / OPTION	V2 286H	V3 286H	V4 286H	V5 286H	V6 286H	V7 286H	V8 286H	V9 286H
54	67F6	79C3		86D6	91F8		59G6	93E6
53	67F6	78D8		86D6	91F8		63D1	
52	67F6		90B8	86D6	91F8		63C1	85E4
51	67F6	89F6	90B8	86D6	91F8	83E1	85E6	
50	67F6		90B8	86D6	91F8	83D1	80C8	
44	67B3	74G3	90G6	86H3	91D8	77C1	92A1	70A3
43	67B3		90G6	86H3	91D8	77C1	70B6	59D1
42	67B3		90G6	86H3	91D8	77A1	92D4	94A1
41	67B3		90G6	86H3	91D8	77A1	72C1	91C3
40	67B3		90E6	86H3	91D8	77A1	81G8	85A4
34	65A8	74B3	90C6	72D3		64C6	81E8	
33	65G6	74F1	90E3	72D3		64A6	81D8	
32	65G6	74F1	90E3	72D3	69E8	64A6	92C6	
31	65G6	74F1	90E3	72D3	69E8	64C6	92F4	
30	65G6	74F1	90E3	72D3	69E8	64A6	92F4	
24	61D4	73E1	92C8	72G1	93A1	83E3		82B3
23	61D4	73C1	92B8	72G1	92F8	83D3	71E8	87D6
22	61D4	73C1	92B8	72G1	92F8	83D3	71D8	87F6
21	61D4	73C1	92F6	72G1	92F8	83C3	71C8	
20	61D4	73C1	92E6	72G1	92F8	83B3	71H6	
14	60E6	71B1	92E6	78B6	71A3	83G1	71E6	
13	60E6	70F8	69G1	78B6	71A3	83G1	71C6	
12	60E6	70F8	69G1	78B6	71A3	65C6	71C6	77F8
11	60E6	70F8	69G1	78B6	71A3	65C6	71H3	78F6
10	60E6	70F8	69G1	78B6	71A3	65C6	71F3	70G3
04	59B8	70D3	69C8	78G3	92A4	62B1	83B1	
03	59B8	70D3	69C8	78G3	92A4	62B1	89C3	
02	59B8	70D3	69C8	78E3	92A4	65E1	96A3	
01	59B8	70D3	69C8	78C3	92A4	65C1	86F3	
00	59B8	70D3	69C8	78C3	92A4	65A1	95D6	a
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8

a 70D8, 86D0

FOR TABLE IB

RELAY DESIG / CODE / OPTION	V2 286H	V3 286H	V4 286H	V5 286H	V6 286H	V7 286H	V8 286H	V9 286H
54	104B8	115F1		122B3	128E1		98G6	130D6
53	104B8	114H6		122B3	128E1		101C4	
52	104B8		127B1	122B3	128E1		101B3	120C8
51	104B8	125E6	127B1	122B3	128E1	118G4	121D1	
50	104B8		127B1	122B3	128E1	118F4	116B6	
44	104F3	110B8	126E8	122D1	128D1	113A1	128F1	107C4
43	104F3		126E8	122D1	128D1	113A1	107D6	98E1
42	104F3		126E8	122D1	128D1	112F8	128F6	130B6
41	104F3		126E8	122D1	128D1	112F8	108F8	127G3
40	104F3		126C8	122D1	128D1	112F8	117B6	120E6
34	103B4	110C6	126G6	109G1		102F4	117F4	
33	103G1	110C6	126D6	109G1		102E4	117F4	
32	103G1	110C6	126D6	109G1	106F8	102E4	128D8	
31	103G1	110C6	126D6	109G1	106F8	102F4	128C8	
30	103G1	110C6	126D6	109G1	106F8	102E4	128G6	
24	100C1	109C8	129B3	109D1	129F3	118B8		117D8
23	100C1	109C8	129F1	109D1	129E3	118H6	108D8	123F3
22	100C1	109C8	129F1	109D1	129E3	118G6	108C8	123A6
21	100C1	109C8	129D1	109D1	129E3	118F6	108C8	
20	100C1	109C8	129B1	109D1	129E3	118E6	108G6	
14	99C6	108B1	129B1	114B6	108B4	118D6	108F6	
13	99C6	107G8	106F1	114B6	108B4	118C6	108D6	
12	99C6	107G8	106F1	114B6	108B4	102G8	108A6	113D9
11	99C6	107G8	106F1	114B6	108B4	102G8	108F4	114C6
10	99C6	107G8	106F1	114B6	108B4	102G8	108D4	107C6
04	96B8	107G4	106B8	114G4	128D6	100C6	118D4	
03	98B8	107G4	106B8	114G4	128D6	100C6	125A3	
02	98B8	107G4	106B8	114E4	128D6	102C8	133C6	
01	98B8	107G4	106B8	114C4	128D6	102C8	121E8	
00	98B8	107G4	106B8	114C4	128D6	102C8	132F6	a
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8

a 107E8, 121C5

FOR TABLE ID

RELAY DESIG / CODE / OPTION	V2 286H	V3 286H	V4 286H	V5 286H	V6 286H	V7 286H	V8 286H	V9 286H
54	135C8	136D3		136G8	137D3		136E8	137B1
53	135C8	136B3		136G8	137D3		136E8	
52	135C8			136G8	137D3		136E8	137D1
51	135C8	136D8		136G8	137D3	135G3	136E8	
50	135C8			136G8	137D3	135G3	136E8	
44	135G6	136F1		136G8	137D3	136G1	136E8	136G1
43	135G6			136G8	137D3	136G1	136E8	136G1
42	135G6			136G8	137D3	136G1	136H1	137B6
41	135G6			136G8	137D3	136G1	136G1	136F1
40	135G6			136G8	137D3	136G1	136C3	136F1
34	135E6	136E1	136E3	136C1		135D6	136B3	
33	135E6	136E1	136E3	136C1		135D6	136F6	
32	135E6	136E1	136E3	136C1	137G6	135D6	136F6	
31	135E6	136E1	136E3	136C1	137G6	135D6	135B8	
30	135E6	136E1	136E3	136C1	137G6	135D6	136D3	
24	135E3	136B1	137G3	136C1	137B1	136A3		136C8
23	135E3	136D1	137F3	136C1	137B1	136A3	135D8	136C6
22	135E3	136D1	137F3	136C1	137B1	136A3	135C8	
21	135E3	136D1	137F3	136C1	137B1	136A3	135C8	
20	135E3	136D1	137F3	136C1	137B1	136A3	136D1	
14	135D3	136B1	137F3	137C1	137E1	137F6	136D8	
13	135D3	136A1	137F6	137C1	137E1	137F6	136B1	
12	135D3	136A1	137F6	137C1	137E1	135H6	136G6	137A1
11	135D3	136A1	137F6	137C1	137E1	135H6	136G8	135F6
10	135D3	136A1	137F6	137C1	137E1	135H6	135B6	136D8
04	135C3	135F8	135D8	137C1	137F1	135H6	136D3	
03	135C3	135F8	135D8	137C1	137F1	135H6	135D3	
02	135C3	135F8	135D8	137C1	137F1	135H6	137B3	
01	135C3	135F8	135D8	137C1	137F1	135H6	137D1	
00	135C3	135F8	135D8	137C1	137F1	135H6	135B6	135F3
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 9BB

BELL LABORATORIES | SD-25805-01- | C24

PART OF APP FIG 61

RELAY — FOR TABLE IE

DESIG	V2	V3	V4	V5	V6	V7	V8	V9	DESIG
CODE	286H	286H	286H	286H	286H	286H	286H	286H	CODE
OPTION									OPTION
54	148B1	158C6		166F1	171B3		165F3	167E1	54
53	148B1	158B1		166F1	171B3		165F3		53
52	148B1		~~157G6~~	166F1	171B3		165F3	164E8	52
51	148B1	16983	157G6	166F1	171B3	162D6	165F3		51
50	148B1		157F6	166F1	171B3	162C6	165F3		50
44	147E3	153G6	157C6	166D1	171B3	156C3	145B1	150F3	44
43	147E3		157C6	166D1	171B3	156C3	161D3	139E1	43
42	147E3		157C6	166D1	171B3	156B3	164F1	174B1	42
41	147E3		157C6	166D1	171B3	156B3	164E1	170G6	41
40	147E3		157A6	166D1	171B3	156B3	167C4	164C8	40
34	146G1	153B6	157H3	151E8		144F1	142D3		34
33	146F1	153B6	157H3	151E8		144D1	142D3		33
32	146F1	153B6	157E3	151E8	150H1	144D1	142B3		32
31	146F1	153B6	157E3	151E8	150H1	144F1	164B3		31
30	146F1	153B6	157E3	151E8	150H1	144D1	164G1		30
24	141C6	152B6	172C4	151A8	172H4	159D1		173H4	24
23	141C6	152B6	172B4	151A8	172F4	159D1	144C8	168E3	23
22	141C6	152B6	172B4	151A8	172F4	159D1	144B8	168F3	22
21	141C6	152B6	172G1	151A8	172F4	159D1	144A8		21
20	141C6	152B6	172E1	151A8	172F4	159D1	144G6		20
14	140E8	151C1	172E1	151E8	151D3	162E6	144F6		14
13	140E8	151B1	149D6	151E8	151D3	162E6	144F6		13
12	140E8	151B1	149D6	151E8	151D3	147G6	144E6	176B1	12
11	140E8	151B1	149D6	151E8	151D3	147G6	144D6	158D8	11
10	140E8	151B1	149D6	151E8	151D3	147G6	144C6	141F3	10
04	139E8	150B6	150E1	151H6	171G6	147E6	165A3		04
03	139E8	150B6	150E1	151H6	171G6	147E6	165G1		03
02	139E8	150B6	150E1	151H6	171G6	147E6	174F6		02
01	139E8	150B6	150E1	151H6	171G6	147C6	174A6		01
00	139E8	150B6	150E1	151H6	171G6	147C6	176H3	a	00
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8	COIL

a	
a	146B1
	150E8

NETWORK

OPT	DESIG	LOC	CODE
	V2	29G/C8	
	V3	29G/C8	
	V4	29G/D8	
	V5	29G/E8	180A
	V6	29G/E8	
	V7	29G/F8	
	V8	29G/F8	
	V9	29G/G8	

APP FIG 62

RELAY	MTD/W (TAA1)		MTD/W (TAA0)		MTD/W (TAP2)				MTD/W (TAP1)		MTD/W (TAP0)		MTD/W (TAA2)					
DESIG	TAA0		TAA1		TAA2				TAP0		TAP1		TAP2					
CODE	1/2 AK22		1/2 AK22		1/2 AK22				1/2 AK22		1/2 AK22		1/2 AK22					
OPTION																		
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12			EBM		EBM						EBM	1B/G1						
11			EBM	2F4	EBM	2F4					EBM							
10			EBM	13D8	EBM	13D8					EBM	1A/C2						
9			EMB	29F/E5	EMB	29F/E5					EMB							
8			EMB		EMB						EMB	1A/D2						
7																		
6																		
5	EMB								EMB	1A/D2			EMB	1A/D1				
4	EMB	29F/E5							EMB				EMB					
3	EBM	13D8							EBM	1A/C2			EBM	1A/C1				
2	EBM	2F4							EBM				EBM					
1	EBM	3F3							EBM	1B/G1			EBM	1B/G1				
COIL		1A/B2		1A/B2		1A/B2				1A/D2		1A/D1		1A/D1				

APP FIG 63

NETWORK

OPT	DESIG	LOC	CODE
	TAA (0-2)	1A/B2	
	TAPO	1A/D2	185A
	TAP(1,2)	1A/D1	

DIODE

OPT	DESIG	LOC	CODE
	CD(0-2)	13E6	
	CDA(0-2)	13D7	533F
	CDB(0-2)	13F6	
	CDC(0-2)	13F7	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 63	ISSUE 988
BELL LABORATORIES	SD-25805-01-		C25

SD-25805-01-C25

APP FIG 64

RELAY

DESIG	TSTS					
CODE	AF48					
OPTION						
X	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	M					
11	B					
10	BM					
9	B					
8	BM					
7	B					
6	BM					
5	B					
4	BM	3B5				
3	B					
2	M					
1	B	6F2				
COIL	X	3H6	X		X	

NETWORK

OPT	DESIG	LOC	CODE
	TSTS	3H6	185A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 100B

BELL LABORATORIES | SD-25805-01- | C26

SD-25805-01-C26

E-7401 (6-79) PRINTED IN U.S.A.

PART OF APP FIG 150

(FOR USE WITH TABLE 1A)

RELAY

DESIG	A0(-)	A1(-)	A2(-)	A3(-)	A4(-)	A5(-)	A6(-)	A7(-)	A8(-)	A9(-)	A10(-)	A11(-)	B0(-)	B1(-)	B2(-)	B3(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	73E8	68E3	80B6	80C6	88E3	88F3	75G1	61D6	65E6	67G3	74A6	84A8	68E8	68F8	87B1	83F6	54
53	73D8	81E3	80B6	80C6	88E3	88F3	96D1	61D6	92B1	60G1	74A6	84G1	68E8	68F8	86F8	72B8	53
52	73C8	85G4	80B6	80C6	88E3	88F3	96C1	89F1	72D6	85A1	74A6	79C6	68E8	68F8	86E8	86F6	52
51	73A8	67G3	80B6	80C6	88E3	88F3	86E3	75C8	81D6	59G6	74A6	86F6	68E8	68F8	86C8	89E8	51
50	73E6	82A6	80B6	80C6	88E3	88F3	95B6	87C8	89C6	80B8	74A6	a	68E8	68F8	86B8	59D1	50
44	73B3	73G3	88F8	81C3	88E3	88E3	95B8	96C3	81E6	81B3	73F1	74C3	68B8	68D8	67C8	80G8	44
43	73B3	73G3	88E8	80D8	88C3	88E3	96F6	94A3	83A6	67B6	73F1	74C3	68B8	68D8	77F3	80E8	43
42	73B3	73G3	88D8	80G6	88C3	88E3	94D1	96A1	70H3	74E1	73F1	74C3	68G6	68C8	81A3	81B1	42
41	73B3	73G3	88B6	80E6	88B3	88E3	96E6	61D6	67D1	96G1	73F1	74C3	68G6	68C8	76B6	88C6	41
40	73B3	73G3	88F6	7306	88B3	89D3	96E3	61D6	70A6	63C1	73F1	74C3	68G6	68C8		81F1	40
34	68B1	91C6	62F4	62G6	87G1	62E8	95E6	96C6	91E8	91G8	70F3	71C1	88F1	94C1	64E6	64B8	34
33	70A8	74C6	62D4	62F6	87G1	82C3	96G3	96C8	91E8	91G8	70F3	71C1	88F1	60C4	64E6	64G6	33
32	70B6	76G6	62B4	62D6	87F1	85B8	94D8	81C6	91E8	91G8	70F3	71C1	88F1	86A1	64E6	64G6	32
31	65E1	65F3	62H1	62B6	87F1	68D3	96E1	95C8	91E9	91G8	70F3	71C1	88F1	68G1	64E6	64G6	31
30	6501	70C8	62F1	62G4	87E1	87B3	95G6	94F1	91E8	91G8	70F3	71C1	88F1	68E1	64E6	64G6	30
24	92E8	65B1	86D1	62A8	78F1	72E8	95C6	61D6	86A6	86D6	67C3	67G6	92A8	76A3	66G3	80F1	24
23	92E8	65G1	82E8	87E3	79A1	93C8	95D1	95E1	86A6	86D6	67C3	67G6	92A8	65D6	66G3	80F1	23
22	92E8	65G1	82D8	62F8	79B1	83C6	95C1	94G6	86A6	86D6	67C3	67G6	92F6	72D1	66F3	80E1	22
21	92E8	69A6	82C8	70D8	63F4	63E4	94D6	95E3	86A6	86D6	67C3	67G6	92D6	67F8	66F3	80E1	21
20	92E8	72B6	66E8	75G3	63F4	84B8	94B6	95B3	86A6	86D6	67C3	67G6	92D6	67E8	66F3	80C1	20
14	69D8	93B1	90C8	90F8	85F6	87F8	94G3	77E8	72A3	72D3	61D4	65C8	69A8	92C8	63A4	79F8	14
13	69D8	69F3	90C8	90F8	35E6	81C8	60D4	96G6	72A3	72D3	61D4	65C8	69A8	69F1	63F1	79E8	13
12	69D8	69D3	90B8	90F8	80E3	78F8	82G6	95F8	72A3	72D3	61D4	65C8	69A8	69F1	63G1	79D8	12
11	69D8	69C3	90B8	90F8	95G3	77C6		94D3	72A3	72D3	61D4	65C8	69A8	69F1	63F1	79C8	11
10	69D8	69A3	90B8	90E8	84C6	83E6	94E3	96D3	72A3	72D3	61D4	65C8	69A8	69F1	63F1	79A8	10
04	71B3	92B4	90B6	90F6	89A3	63E6	95G1	94C6	89C8	66F6	60A1	60G6	71F1	92G1	76B1	87D3	04
03	71B3	92B4	90G3	90F6	66G1	83B1		94B8	88C1	90A3	60A1	60G6	71F1	92G1	66H3	82E6	03
02	71B3	92B4	90G3	90F6	66E1	74C1	95D8	94C3	85D8	78A3	59F8	60G6	71F1	92G1	63C4	60C8	02
01	71B3	92B4	90G3	90F6	83G6	75D8	96D8	94F3	73A1	78F8	59E8	60G6	71F1	92G1	78G1	85E8	01
00	71B3	92B4	90G3	90D6	76B8	82A8	94F6	94E8	85A6	83A8	59D8	60G6	71F1	92E1	85G1	79C1	00
COIL	16A/F3	16A/F3	16A/E3	16A/E3	16A/E3	16A/E3	16A/E3	16A/D3	16A/D3	16A/D3	16A/D3	16A/D3	16A/H6	16A/H6	16A/H6	16A/G6	COIL

a (OR) 61C8 (OS) 78D1

RELAY

(FOR USE WITH TABLE 1A)

DESIG	B4(-)	B5(-)	B6(-)	B7(-)	B8(-)	B9(-)	C0(-)	C1(-)	C2(-)	C3(-)	C4(-)	C5(-)	C6(-)	C7(-)	T0(-)	T1(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	74G3	78G6	60E8	92E1	60F1	89G1	71C3	80E3	87D3	75F6	79E1	89G3	59G4	85C1	81G6	72D8	54
53	74F3	81G1	60E8	92E1	77C8	76C3	69C6	78H1	79C6	81B8	77F3	89B6	84B3	78E1	88B1	88G1	53
52	74F3	81C1	60E8	92E1	64E3	66C6	69C6	90C1	61G1	86E1	60A4	89A6	66D8	75C6	77C3	78E8	52
51	74F3	81A6	60E8	92E1	89F3	76G1	69C6	85C6	80G3	81C6	66D1	77D1	86C1	82D6	87D1	79E3	51
50	74F3	a	60E8	92E1	65D8	60G1	69C6	75B3	89D6	88A1	69G3	60F1	61D8	59C6	85B1	86F1	50
44	73D1	74A3	60A6	91F3	86F3	64F8	70C1	70G1	81F6	68G3	82B3	81H6	70E6	78E8	7788	67D6	44
43	73C1	74F1	60A6	91F3	81F6	60E1	70B1	70E1	76E8	68F3	82H1	90H1	70E6	79D3	81C8	80A1	43
42	73C1	74F1	60A6	91F3	59D6	79G6	70B1	70D1	90E1		82G1	66C3	70E6	86G1	91D1	83C8	42
41	73C1	74F1	60G4	91F3	59F4	79F6	70B1	70D1	83C8		82F1	76C8	70E6	86F1	91D1	76D1	41
40	73C1	74F1	60G4	91F3	66A6	83E6	70B1	70D1	90C3	72C6	82F1	82B3	85D8	70F6	69F3	91E1	40
34	70D3	71A1	63E4	72F3	67C1	79A6	86B3	81G3	65A6	59C4	82B1	82E1	64C6	80D3	66C3	84F8	34
33	70D3	70E8	89E8	72F3	85C8	79G3	60F8	62D1	65A6	59C1	61F8	82E1	64B6	80B1	85B1	84F8	33
32	70D3	70E8	87H6	72F3	87B8	61A6	68D1	64F3	65A6	87D1	81E8	82D1	64B6	83D1	60C4	84F8	32
31	70D3	70E8	87G6	72F3	87B8	61G4	89E3	87E8	65A6	77F1	81D8	82C1	64C6	78C8	87H3	84F8	31
30	70D3	70E8	87E6	72F3	81D1	61F4	67E1	86D3	65A6	65F6	84E6	82B1	64B6	79C3	77A6,B6	84F8	30
24	67A3	67F6	76G3	91C3	91B6	80C3	71F6	72B1	64C8	64C8	84G3	84B6	83G3	77C1	90B3	84F8	24
23	67A3	67F6	76H3	70B3	85F4	80C3	71D6	71F8	64C8	64C8	84F3	84A6	83G3	77C1	90G1	84F8	23
22	67A3	67F6	89C8	76E3	69E1	82H6	71B6	71D8	64C8	64C8	84E3	84A6	83F3	77B1	82G3	84F8	22
21	67A3	67F6	98G6	59E6	69E1	59F1	71G3	71B8	64C8	64C8	84E3	84A6	83F3	77B1	90D1	84F8	21
20	67A3	67F6	63D4	94B1	69E1	68C3	71E3	71G6	64C8	64C8	84D3	84A6	83F3	77B1	79D1	84F8	20
14	61B4	65B8	80A3	79A3	69D1	66C6	94E6	92C6	64C8	64C8	78A8	71E1	83G1	83E3	75F8	76A1	14
13	61B4	65G6	80A3	79F1	69D1	75F1	88G3	92B6	64C8	64C8	62B1	79C1	83F1	83D3	70C3	77A8	13
12	61B4	65G6	80A3	83E8	69D1	75F1	88G3	92G4	64C8	64C8	62B1	78G6	83E1	83C3	81A8	77D6	12
11	61B4	65G6	80A3	90B1	69D1	75F1	93G6	92E4	64C8	64C8	67B8	78F8	83D1	83B3	80G3	85B6	11
10	61B4	65G6	80G1	87C6	69D1	93A8	93F6	92C4	64C8	64C8	67A8	77E6	85D6	83A8	63B1	85B6	10
04	5988	60E6	83D8	8386	69C1	93D8	93C3	93D6	64C8	64C8	75D3	66A3	67E3	80C8	91G3	90A1	04
03	5988	60E6	6006	64D6	69A1	68A1	93B3	9386	64C8	64C8	85D4	75E8	79D6	70D6	90E3	90A1	03
02	5988	60E6	91B3	85E1	69F6	61F4	93F1	93H3	64C8	64C8	93E8	85D1	67D8	60C6	91D6	90A1	02
01	5988	60E6	61A1	85F1	69E6	60B1	93E1	93F3	64C8	64C8	89F6	91C1	71F1	64D3	60H5	90A1	01
00	5988	60E6	77E3	64E3	68A3	6001	93D1	9303	64C8	64C8	89B8	6306	78D1	79F3	67E6	90A1	00
COIL	16A/G6	16A/G6	16A/G6	16A/G6	16A/F6	16A/F6	16A/D8	16A/D8	16A/D8	16A/C8	16A/C8	16A/C8	16A/C8	16A/C8	16A/F8	16A/F8	COIL

a (OR) 61H6 (OS) 78C1

NETWORK

OPT	DESIG	LOC	CODE
	A0(-)	16A/F3	180A
	A2(-)	16A/F3	
	A3(-)	16A/E3	
	A4(-)	16A/E3	
	A5(-)	16A/E3	
	A7(-)	16A/D3	

NETWORK

OPT	DESIG	LOC	CODE
	A8(-)	16A/D3	180A
	A10(-)	16A/D3	
	B0(-)	16A/H6	
	B1(-)	16A/H6	
	B3(-)	16A/G6	

NETWORK

OPT	DESIG	LOC	CODE
	B5(-)	16A/G6	180A
	B6(-)	16A/G6	
	B8(-)	16A/F6	
	C0(-)	16A/D8	
	C1(-)	16A/D8	
	C3(-)	16A/C8	

NETWORK

OPT	DESIG	LOC	CODE
	C5(-)	16A/C8	180A
	C6(-)	16A/C8	
	T0(-)	16A/F8	
	T2(-)	16A/F8	

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-C32

BELL TELEPHONE LABORATORIES INCORPORATED

6S

PART OF APP FIG 150

RELAY — (FOR USE WITH TABLE IA) — (FOR USE WITH TABLE IE)

DESIG	T2(-)	T3(-)	A0(-)	A1(-)	A2(-)	A3(-)	A4(-)	A5(-)	A6(-)	A7(-)	A8(-)	A9(-)	A10(-)	A11(-)	B0(-)	B1(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	87D8	87D8	153F1	148F6	159B8	160C1	168B1	168C1	154D1	142G6	146C1	147B8	153A8	164E3	149E1	149F1	54
53	87D8	87D8	153E1	161A1	159B8	160A1	168B1	168C1	176C1	158B3	171C3	140B6	153A8	163E3	149E1	149F1	53
52	87D8	87D8	153D1	165A1	159G6	159E8	168B1	168C1	176B1	168G6	152F1	164A6	153A8	158E8	149E1	149F1	52
51	87D8	87D8	153C1	147F6	159G6	159E8	168B1	168C1	165E8	154A6	161B3	139D6	153A8	166A3	149E1	149F1	51
50	87D8	87D8	153A1	162C1	159F6	159C8	168B1	168C1	175B6	167E4	169E1	160A3	153A8	156F1	149E1	149F1	50
44	74A1	77F6	152D6	152E6	154F6	160E8	167D8	168A1		176F1	161D3	160D8	152C6	153C6	149C1	149D1	44
43	74A1	77H6	152D6	152E6	168C3	160C3	167D8	168A1	176B3		162C8	147C8	152C6	153C6	149C1	149D1	43
42	74A1	76E1	152D6	152E6	168C3	160G1	167D8	168A1	174D1		150E6	153D3	152C6	153C6	149B1	149D1	42
41	74A1	74D3	152D6	152E6	168B3	160D1	167C8	168A1	174B3	176C8	142F8	176E1	152C6	153C6	149B1	149D1	41
40	73G8	74B1	152D6	152E6	168B3	152E8	167C8	167E8	176C3	161C3	150E6	142E8	152C6	153C6	149B1	149D1	40
34	65A3	77G6	148C3	171B1	142D6	142E6	166D6	142A8	175C6	176C6	171E3	171F3	150C6	151D1	167A8	175G6	34
33	75E6	77E6	150D8	153C8	142D6	142E6	166D6	161A8	176D3	176G6	171E3	171F3	150C6	151D1	167G6	140E6	33
32	75D6	77E6	150E6	155G6	142D6	142E6	166D6	165B3	174E8	161G1	171E3	171F3	150C6	151D1	167E6	157C8	32
31	64F8	65B3	145E1	147B6	142D6	142E6	166D6	148E6	176D1	175B8	171E3	171F3	150C6	151D1	167E6	148C6	31
30	64E8	65B3	145D1	150E8	142D6	142E6	166B6	166F6	175E6	174F1	171E3	171F3	150C6	151D1	167E6	148G3	30
24	88C6	65C3	172E4	145B1	165G3		157C3	152E3	174D3	162A6	166B1	166D1	147F3	148C1	172A4	155G1	24
23	88B6	65C3	172E4	145C3	162E3	166D8	158F1	172D8	175E1	175G1	166B1	166D1	147F3	148C1	172A4	146A1	23
22	84H6	89F3	172E4	145B3	162D3	142C8	158G1	162B8	175D1	174B8	166B1	166D1	147F3	148C1	172G1	151E6	22
21	78B3	77C8	172E4	149E8	162C3	150F8		168F8	174D6	175E3	166B1	166D1	147F3	148C1	172E1	148A3	21
20	78B3	91H3	172E4	152D1	147B1	154B3		164E3	174B6	175C3	166B1	166D1	147F3	148C1	172E1	148G1	20
14	89B1	65C6	150F1	172F4	170F1	170G1	165B3	167H4	174G3	157E1	151F6	151C8	141D6	146B3	150D1	172C4	14
13	89B1	65C6	150F1	149C8	170F1	170G1	165G1	161B6		176E6	151F6	151C8	141D6	146B3	150D1	149B6	13
12	76E6	65C6	150F1	149A8	170F1	170G1	159C6			175E8	151F6	151C8	141D6	146B3	150D1	149B6	12
11	81D1	65C6	150F1	149F6	170F1	170G1	175G3	156C9			151F6	151C8	141D6	146B3	150D1	149B6	11
10	61E8	65C6	150F1	149D6	170F1	170G1	163B8	162C8	174E3		151F6	151C8	141D6	146B3	150D1	149B6	10
04	76H1	65F3	151C3	171F6	170D1	170E1	168B8	143E3			169D3	146E8	140E1	141A1	151A3	171E6	04
03	80B8	65F3	151C3	171F6	170B1	170E1	146B6	162F3		175F6	167C6	169B8	140E1	141A1	151A3	171E6	03
02	76F1	65F3	151C3	171F6	170B1	170E1	146G3	153E3		175C8	165E3	157E3	140C1	141A1	151A3	171E6	02
01		65F3	151C3	171F6	170B1	170E1	162E8	154C6		174F3	152F3	158E1	140C1	141A1	151A3	171E6	01
00	59F1	65F3	151C3	171F6	170B1	170E1	155A8	162A3	174G6		165A1	163C1	140B1	141A1	151A3	171C6	00
COIL	16A/F8	16A/F8	16A/F3	16A/F3	16A/E3	16A/E3	16A/E3	16A/E3	16A/E3	16A/E3	16A/D3	16A/D3	16A/D3	16A/D3	16A/H6	16A/H6	COIL

RELAY — (FOR USE WITH TABLE IE)

DESIG	B2(-)	B3(-)	B4(-)	B5(-)	B6(-)	B7(-)	B8(-)	B9(-)	C0(-)	C1(-)	C2(-)	C3(-)	C4(-)	C5(-)	C6(-)	C7(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	166E3	162D8	153F6	157C8	141G1	171B6	140F3		151D3	159D6	166C8	154G3	158E3	169B1	139G3	164C6	54
53	166E3	152C3	153F6	160G6	141G1	171B6	157D1		150B1	157E3	158C8	161A6	156E6	169D1	163F3	157B3	53
52	166E3	166C3	153F6	160C6	141G1	171B6	144C1		150B1	169B6	141F3	165B6	140C6	169C1	147B1	154D3	52
51	166E3	169F3	153F6	161F1	141F1	171B6	169A1	155D1	150B1	165F1	159D6	161A3	146E3	156E3	169E6	162D1	51
50	166C3	139F1	153F6	156B1	141F1	171B6	146C3	140B6	150A1	154E1	169F1	167A6	149D8	156E6	142B1	139D6	50
44	148F1	160F3	152A6	153A6	140H6	170B8	166A1	145B1	150B3	150D3	161E3	148A8	161E6	161G3	150A8	158C1	44
43	156D6	160E3	152A6	153A6	140H6	170B8		140B3	150B3	150D3	156F1	148G6	161E6	169A8	150A8	158D6	43
42	160C8	160B6	152A6	153A6	140H6	170B8	139E6	159C1	150B3	150C3	169F6		161E6	146D6	150A8	165D6	42
41	155H3	168A6	152A6	153A6	140G6	170B8	139F3	159C1	150B3	150C3	163D1		161E6	155D8	150A8	165C6	41
40		160F6	152A6	153A6	140G6	170B8	146G6	162D8	150B3	150C3	169C8	152E1	161E6	161F6	165E3	150C8	40
34	144G1	144G3	150A6	151C1	143C3	152C1	147F1	158A8	165B6	161E1	145D8	169D6	161D6	161D6	144E1	159B6	34
33	144G1	144F3	150A6	151A1	169F3	152C1	165D3	158G6	141D3	142E3	145B8	139D1	161D6	161D6	144D1	159E1	33
32	144G1	144E3	150A6	151A1	167B4	152C1	167D4	141G6	148E3	144C1	145F6	166F3	161D6	161D6	144D1	139A1	32
31	144G1	144D3	150A6	151A1	167B4	152C1	167C4	141F6	168D8	167G4	145D6	156E3	161C6	161D6	144E1	158A1	31
30	144G1	144B3	150A6	151A1	167G1	152C1	160E6	141F6	147A3	165C8	145C6	146D1	163C8	161D6	144D1	150B6	30
24	142C8	159F1	147D3	148A1	155F3	170G6	170D8	159A3	151E3	151F3	144B6	144B6	163A8	163F6	162G6	156B3	24
23	142C8	159F1	147D3	148A1	155G3	150E3	164F8	159A3	151E3	151F3	144B6	144B6	163A8	163E6	162G6	156B3	23
22	142C8	159F1	147D3	148A1	168C3	164A8	149C3	162F1	151E3	151F3	144B6	144B6	163A8	163E6	162F6	156A3	22
21	142C8	159F1	147D3	148A1	168C3	139C8	149C3	139G1	151E3	151F3	144B6	144B6	163A8	163D6	162F6	156A3	21
20	142C8	159F1	147D3	148A1	143B3	174A1	149C3	148E6	151E3	151F3	144B6	144B6	163A8	163C6	162F6	156A3	20
14	143G1	159C1	141B6	146G1	159G1	158A6	149A3	146B9	174F6	172C1	144B6	144B6	157E8	151F1	139A6	139B8	14
13	143F1	159C1	141B6	146E1	159G1	158G3	149A3	154D1	168F3	172B1	144B6	144B6	142C3	158A3	139E3	139A8	13
12	143E1	159C1	141B6	146E1	159G1	163G1	149A3	154C1	168E3	171E8	144B6	144B6	142A3	140F3	139G1	139F6	12
11	143C1	159C1	141B6	146E1	159G1	169A6	149A3	154B1	172D6	171C8	144B6	144B6	148E1	157F8	139B1	139F6	11
10	143B1	159C1	141B6	146E1	159G1	167E1	149A3	172C8	172C[illegible]	171A8	144B6	144B6	148E1	156E8	165F1	139E6	10
04	140D6	166C8	139D8	140F8	163E1	162B8	149G1	173C6	172E[illegible]	172B6	144B6	144B6	154G1	146B6	147B6	160C3	04
03	146F6	162E1	139D8	140F8	140E8	144G1	149G1	148B3	172B6	172B6	144B6	144B6	164C8	154D6	159A1	150F6	03
02	143A3	141E1	139D8	140F8	170E6	164E6	150C1	141E6	172B6	172B6	144B6	144B6	173B8	164D6	148G1	140D8	02
01	157D3	140F6	139D8	140F8	141D3	164F6	150C1	140F1	172B6	172B6	144B6	144B6	169A3	170G4	151G1	144A1	01
00	164G6	158G1	139D8	140F8	156C6	144B1	148D6	140A3	172B6	172B6	144B6	144B6	169C3	143D3	157H1	158F6	00
COIL	16A/H6	16A/G6	16A/G6	16A/G6	16A/G6	16A/F6	16A/F6	16A/F6	16A/D8	16A/D8	16A/D8	16A/C8	16A/C8	16A/C8	16A/C8	16A/C8	COIL

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C33

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C33

PART OF APP FIG 150

RELAY (FOR USE WITH TABLE IE)

DESIG CODE OPTION	T0(-) 236B	T1(-) 236B	T2(-) 236B	T3(-) 236B	DESIG CODE OPTION
54	161F3	152E3	167E4	167F4	54
53	167C6	167B8	167E4	167F4	53
52	156B6	158C1	167E4	167F4	52
51	166G3	158D6	167E4	167F4	51
50		165B6	167E4	167F4	50
44	157C1	147F8	153B3	156F8	44
43	161B6	159E1	153B3	157B1	43
42	170B6	163D1	153B3	154D8	42
41	170A6	154C8	153B3	153D6	41
40	149D8	170D6	153A3	153C3	40
34	146C6	164G3	145D3	157A1	34
33	164B6	164G3	154F3	156E8	33
32	140D6	164G3	154E3	156D8	32
31	167C1	164G3	144E8	145E3	31
30	156A9	164G3	144D8	145E3	30
24	169C8	164G3	168G3	145F3	24
23	169H6	164G3	168G3	145F3	23
22	161E8	164G3	164D1	169B1	22
21	169C6	164G3	157H6	157D1	21
20	158D3	164G3	157H6	170D8	20
14	154D6	154E6	168C6	145E8	14
13	150F3	157C1	168C6	145E8	13
12	161G3	156D8		145E8	12
11	159F6	165D1	160D6	145E8	11
10	142D8	165C1	142B1	145E8	10
04	170C8	169G3	155E1	145G3	04
03	169E8	169G3	160B3	145G3	03
02	171C1	169G3	a	145G3	02
01	141C1	169G3	139F1	145G3	01
00	147F8	169G3	139F1	145G3	00
COIL	16A/F8	16A/F8	16A/F8	16A/F8	COIL

a (QQ) 155E6
(QA) 155C1

RELAY

DESIG CODE OPTION																DESIG CODE OPTION
54																54
53																53
52																52
51																51
50																50
44																44
43																43
42																42
41																41
40																40
34																34
33																33
32																32
31																31
30																30
24																24
23																23
22																22
21																21
20																20
14																14
13																13
12																12
11																11
10																10
04																04
03																03
02																02
01																01
00																00
COIL																COIL

DRAWING ISSUE 750 E

ISSUE 98B B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C34

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C34

PART OF APP FIG 151

RELAY — (FOR USE WITH TABLE IA)

DESIG	A12(-)	A13(-)	A14(-)	A15(-)	A16(-)	A17(-)	B10(-)	B11(-)	*B12(-)	C8(-)	C9(-)	C10(-)	C11(-)	T4(-)	T5(-)	T6(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	73F8	68F3	80B6	80D6	68E3	88B3	68F8	68G8		71D3	77F3	76D8	69G3	77C3		87D8	54
53	73D8	81E3	80B6	80D6	82B8	88B3	68F8	68G8		69C6			75D3	88C1		87D8	53
52	73C8	85H6	80B6	80D6	89B3	62E8	68F8	68G8		69C6	66D1	91C1	85D4	77C3		87D8	52
51	73B8	67G3	80B6	80D6	85G4	82C3	68F8	68G8		69C6	85D6	89F6	93E8	87D1		87D8	51
50	73E6	82B6	80B6	80D6	91B6	85B8	68F8	68G8		69C6	75B3	89B8	66D3	84G6		87D8	50
44	73A3	73G3	88G8	81C3		96C3	68B8	68E8		70C1	70H1	81F6	59C6	84G6	67D6	74B1	44
43	73A3	73G3	88E8	80D8	96F6		68B8	68E8		70A1	70F1	76F8	59F4	84G6		74B1	43
42	73A3	73G3	88D8	80H6	94E1	74E1	68G6	68D8		70A1	70D1	90F1		91E1		74B1	42
41	73A3	73G3	88B8	80E6	96E6	75B8	68G6	68D8		70A1	70D1	87C6		91D1	82D3	74B1	41
40	73A3	73G3	88F6	73E6		75C6	68G6	68D8		70A1	70D1	90C3	72D6	69G3	91E1	73G8	40
34	68C1		62F4	62G6	95F6	96C6		64B8		86C3	61B1	65B6	59C4	66C3			34
33	70B8	60B1	62D4	62F6		96C8		64G6		89G3	62C1	65B6	59C1	84F6		75E6	33
32	70C6	76G6	62C4	62D6				64G6		68E1	64F3	65B6	77B3	91G1		75E6	32
31	65F1	65G1	62H1	62C6		77F8		64G6		89E3	87F8	65B6	77E1	67H3		64E8	31
30	65D1	65G1	62F1	62G4	95G6	94G1		64G6	81E1	67E1	86D3	65B6	65F6			64E8	30
24	92E8	65B1	86D1	62B8	95D6	94C8		78E1	91B6	71F6	72B1	64D8	64D8			88E6	24
23	92E8	87F6	82E8	87F3	95D1	95F1			85G4	71D6	71F8	64D8	64D8	90B3		88E6	23
22	92E8	87D6	82D8	62F8	95C1	94H6		72E1	69E1	71B6	71D8	64D8	64D8	79E3		88E6	22
21	92E8	69B6	82C8	70D8	94D6	95F3		60E4	69E1	71G3	71B8	64D8	64D8	90D1		88E6	21
20	92E8	72B6	76G1	75G3	94B6	95C3		67E8	69E1	71E3	71G6	64D8	64D8	79E1		88E6	20
14	69E8	93C1			94G3	94C3	69B8	83B8	69D1		92D6	64D8	64D8	75G8	76B1	93C1	14
13	69E8	69F3				96G6	69B8	69F1	69D1	62B1	92B6	64D8	64D8	70D3			13
12	69E8	69E3			65D6	88D3	69B8	69F1	69D1	62B1	92G4	64D8	64D8	81B8	77D6		12
11	69E8	69C3	66B1		65E6	88C3	69B8	69F1	69D1	93H6	92E4	64D8	64D8	63B1		91C8	11
10	69E8	69B3	60F^		87E1	88C3	69B8	69F1	69D1	93F6	92D4	64D8	64D8			91C8	10
04	71B3	92C4	90C6	90F6	75D8	88C3			69C1	93D3	93D6	64D8	64D8			91B8	04
03	71B3	92C4	90G3	90F6		93C8			69B1	93B3	93C6	64D8	64D8	90E3		91B8	03
02	71B3	92C4	90G3	90F6	95E8	95G3			69F6	93G1	93H3	64D8	64D8	91D6		91B8	02
01	71B3	92C4	90G3	90F6	66F1	63F6			69E6	93E1	93F3	64D8	64D8	60F8		91B8	01
00	71B3	92C4	90G3	90E6	76B8	74C1				93D1	93E3	64D8	64D8	61C1		91B8	00
COIL	17D6	17D6	17C6	17C6	17C6	17B6	17H5	17H5	17H5	17G8	17G8	17G8	17F6	17D8	17D8	17D8	COIL

RELAY — (FOR USE WITH TABLE IA) — (FOR USE WITH TABLE IE)

DESIG	T7(-)	A12(-)	A13(-)	A14(-)	A15(-)	A16(-)	A17(-)	B10(-)	B11(-)	*B12(-)	C8(-)	C9(-)	C10(-)	C11(-)	T4(-)	T5(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	87E8	153G1	148F6	159B8	160C1	148E6	167C8	149E1	149G1		151E3	156F6	155E8	149E8	156A6		54
53	87E8	153F1	161B1	159B8	160B1	162B3	167C8	149E1	149G1		150C1			154G1	167C6		53
52	87E8	153D1	165B1	159G6	159F8	168B8	142B8	149E1	149G1		150C1	146E3	170G4	164C8	156B6		52
51	87E8	153C1	147F6	159G6	159F8	164F8		149E1	149G1		150C1	165F1	169B3	173B8	166G3		51
50	87E8	153B1	162C1	159G6	159D8	170E8	165C3	149E1	149G1		150B1	154E1	169C3	146D6	164C1		50
44	77F6	152D6	152E6	154F6	160E8		176F1	149C1	149D1		150C3	150E3	161E3	139C6	164C1	147F8	44
43	77H6	152D6	152E6	168D3	160C3	176B3		149C1	149D1		150C3	150E3	156G1	139G3	164C1		43
42	76E1	152D6	152E6	168D3	160G1	174D1	153E3	149B1	149D1		150C3	150D3	169G6		170C6		42
41	74D3	152D6	152E6	168B3	160D1	174B3	176G3	149B1	149D1		150C3	150D3	167F1		170B6	161B8	41
40	74C1	152D6	152E6	168B3	152E8		176E3	149B1	149D1		150C3	150D3	169D8	152E1	149D8	170D6	40
34	77G6	148C3	160B8	142D6	142E6	175C6	176C6		144H3		165B6	141D3	145D8	169D6	146D6		34
33	77F6	150D8	140E1	142D6	142E6		176G6		144G3		169B1	142E3	145B8	139E1	164C1		33
32	77E6	150F6	155G6	142D6	142E6				144E3		148E3	144C1	145G6	156G3	170E6		32
31		145F1	145D3	142D6	142E6		157F1		144D3		168D8	167G4	145E1	156E3	167D1		31
30		145D1	145B3	142D6	142E6	175E6	174G1		144C3	160E6	147B3	165C8	145C6	146D1			30
24	88E6	172E4	145C1	165G3		174D3	176B8			157A3	170E8	151F3	151G3	144B6	144B6	169C8		24
23	88E6	172E4	167A3	162F3	166D8	175E1	175G1				164F8	151F3	151G3	144B6	144B6			23
22	88E6	172E4	167F1	162E3	142D8	175D1	174C8			151E6	149C3	151F3	151G3	144B6	144B6	158E6		22
21	88E6	172E4	149F8	162E3	150F8	174D6	175E3			160B3	149C3	151F3	151G3	144B6	144B6	169C6		21
20	88E6	172E4	152D1	155E1	154C3	174B6	175C3			148H1	149C3	151F3	151G3	144B6	144B6	158D3		20
14	91B8	150G1	172G4	173D4		174G3	175D8	150D1	163C1	149B3			172C1	144B6	144B6	154E6	154E6	14
13	91B8	150G1	149C8	174B1	172F8		176F6	150D1	149B6	149B3	142C3		172B1	144B6	144B6	150F3		13
12	91B8	150G1	149B8	176C8	173H4	146B1	167E8	150D1	149B6	149B3	142B3		171E8	144B6	144B6	161H3	156D8	12
11	91B8	150G1	149F6	146D3	173G4	146C1	167D8	150D1	149B6	149B3	172D6		171C8	144B6	144B6	142E8		11
10	91B8	150G1	149E6	140G6	173E8	166B6	167D8	150D1	149B6	149B3	172D6		171B8	144B6	144B6			10
04	91B8	151C3	171G6	170D1	170E1	154C6	167D8			149H1	172B6		172C6	144B6	144B6			04
03	91B8	151C3	171G6	170C1	170E1		172E8			149H1	172B6		172C6	144B6	144B6	169F8		03
02	91B8	151C3	171G6	170C1	170E1		175G3			150C1	172B6		172C6	144B6	144B6	171D1		02
01	91B8	151C3	171G6	170C1	170E1	146G3	143E3			150C1	172B6		172C6	144B6	144B6	141C3		01
00	91B8	151C3	171G6	170C1	170E1	155B8	153E3				172B6		172C6	144B6	144B6	141E3		00
COIL	17D8	17D6	17D6	17C6	17C6	17C6	17B6	17H5	17H5	17H5	17G8	17G8	17G8	17F8	17D8	17D8	17D8	COIL

* RELAY (B12) IS USED WITH A SUPPLEMENTARY DIAL TONE MARKER FRAME ONLY.

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C35

BELL TELEPHONE LABORATORIES INCORPORATED SYS ORG 6S PRINTED IN U.S.A.

SD-25805-01-C35

PART OF APP FIG 151

RELAY (FOR USE WITH TABLE IE)

DESIG	T6(-)	T7(-)	DESIG
CODE	286B	286B	CODE
OPTION			OPTION
54	167F4	167F4	54
53	167F4	167F4	53
52	167F4	167F4	52
51	167F4	167F4	51
50	167F4	167F4	50
44	153B3	156F8	44
43	153B3	157B1	43
42	153B3	154D8	42
41	153B3	153D6	41
40	153B3	153C3	40
34		157B1	34
33	154F3	156F8	33
32	154F3	156E8	32
31	144E8		31
30	144D8		30
24	168C6	168C6	24
23	168C6	168C6	23
22	168C6	168C6	22
21	168C6	168C6	21
20	168C6	168C6	20
14	172A6	171D1	14
13		171D1	13
12		171D1	12
11	171F1	171D1	11
10	171F1	171D1	10
04	171E1	171E1	04
03	171E1	171E1	03
02	171E1	171E1	02
01	171E1	171E1	01
00	171E1	171E1	00
COIL	170B	170B	COIL

RELAY

DESIG		DESIG
CODE		CODE
OPTION		OPTION
54		54
53		53
52		52
51		51
50		50
44		44
43		43
42		42
41		41
40		40
34		34
33		33
32		32
31		31
30		30
24		24
23		23
22		22
21		21
20		20
14		14
13		13
12		12
11		11
10		10
04		04
03		03
02		02
01		01
00		00
COIL		COIL

NETWORK

OPT	DESIG	LOC	CODE
	A12(-)	17D6	180A
	A14(-)	17C6	
	A15(-)	17C6	
	A17(-)	17C6	
	B10(-)	17H5	
	B11(-)	17H5	

NETWORK

OPT	DESIG	LOC	CODE
	C8(-)	17G8	180A
	C9(-)	17G8	
	C11(-)	17F8	
	T4(-)	17D8	
	T6(-)	17D8	

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C36

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C36

PART OF APP FIG 152

RELAY (FOR USE WITH TABLE IA)

DESIG	R0	R1	R2	R3	R4	R5	R6	R7	R8	RA0	RA1	RA2	RA3	RA4	RA5	RA6	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	65A5	62B0	60E3	93D8	60F0	86A0	84G0	64A8	64F5	77D8	81F0	78F8	86C5	61C8	86D3	80C5	54
53	65A5	62B0	65G0	68A0	79E0	78G5	83E8	63D3	64F5	77D8	81F0	83A5	86C5	61A8	86B3	80C5	53
52	65A5	65E0	65G0	66C5	79G5	71E0	90C0	63C3	64F5	77D8	81F0	67G3	86C5	61A8	78A8	80C5	52
51	65A5	65C0	63C3	93A8	79F5	78B8	90B0	76D8	64F5	77D8		85A0	86C5	61A8	63A5	80C5	51
50	65A5	65A0	63A3	60B0	83D5	79C0	63E5	78C0	78A0	77D8	64F8	60G0	86C5	61A8	77D0	80C5	50
44	92A3	92G0	63F0	75F0	84B8,91E5	59F0	87C5	74A5	74G3	77H3	81C8	59G5	86G3	61G5	84B5	80B5	44
43	92A3	92G0	63G0	75F0	89F3,91E5	84D8	65F3	74A5	74F3	77H3	81B8	63D0	86G3	61F5	84A5	80B5	43
42	92A3	92G0	63C0	75F0	65D8,91F3	84D8	84F5	74A5	74F3	77H3	86E0	63C0	86G3	61F5	84A5	80B5	42
41	92A3	92G0	63F0	78E8	60B0,91F3	84D8	84F5	74A5	74F3	77H3	88A0	85D5	86G3	61F5	84A5	80B5	41
40	92A3	92E0	66H3	79D3	83G5	84D8	84F5	74A5	74F3	77H3	75F5	80C8	86G3	61F5	84A5	80B5	40
34	71A3	71F0	66G3	78E0	62C0	84D8	84F5	74C3	74A3	72E5	84D5	81C5	72C3	87B8	84G3	81D0	34
33	71A3	71F0	66G3	85C0	79F8	84D8	84F5	74C3	74F0	72E5	87C8	89D	72C3	87A8	84F3	80C8	33
32	71A3	71F0	66F3	59C5	79E8	84D8	91D5	74C3	74F0	72E5	75G0	72D5	72C3	66A5	84E3	80G5	32
31	71A3	71F0	66F3	59F3	79D8	84D8	60F3	74C3	74F0	72E5	81E5	92A0	72C3	82F3	84D3	80E5	31
30	71A3	71F0	66F3	82D5	79C8	84D8	60F3	74C3	74F0	72E5	79B5	70A5	72C3	82E3	84C3	81C3	30
24	93A0	92C8	83G3	75C5	79A8	84D8	60F3	73F0	73D0	72G3	61G0	78F5	72F0	74E3	62F5	73E8	24
23	92D8	92A8	83G3	60E0	86G0	84D8	66F5	73F0	73C0	72G3	80F3	70G3	72F0	60A8	62E5	73D8	23
22	92D8	92A8	83F3	79A5	86F0	84D8	64E3	73F0	73C0	72G3	87D3	60C3	72F0	65E8	62C5	73C8	22
21	92D8	92F5	83F3	60D0	80C3	84D8	79C5	73F0	73C0	72G3	87D3	84F8	72F0	60B8	62A5	73A8	21
20	92D8	92D5	83F3	79G3	80C3	84D8	65E5	73F0	73C0	72G3	82E5	84F8	72F0	82G5	62F3	73E5	20
14	92D8	92D5	77C0	83E3	80A3	84D8	70D5	71C0	71A0	67H0	60C8	91F8	78A5	80F5	62E3	73C5	14
13	69D8	69A8	77C0	83D3	80A3	63H5	60C5	71C0	70E8	67H0	89E0	91F8	78A5	65D3	62C3	73B5	13
12	69D8	69A8	77A0	83C3	80A3	63G5	60A3	71C0	70E8	67H0	75C8	91F8	78A5	81D3	62B3	73A5	12
11	69D8	69A8	77A0	83B3	80A3	63F5	67B8	71C0	70E8	67H0	68G3	91F8	78A5	75C3	62G0	73H3	11
10	69D8	69A8	77A0	83A3	80G0	63F5	67A8	71C0	70E8	67H0	68F3	91F8	78A5	76E0	62E0	73F3	10
04	69D8	69A8	64C5	83G0	80F0	68D5	70F5	70F3	70D3	66G8	80A8	91C8	78F3	91B0	88F8	73E3	04
03	69F3	69F0	64A5	83F0	80E0	68D5	70E5	70F3	70D3	66G8	67A5	91C8	78F3	78F5	88E8	73D3	03
02	69D3	69F0	64A5	83E0	80D0	68D5	70E5	70F3	70D3	66G8	89C5	91C8	78D3	78E5	88D8	73C3	02
01	69C3	69F0	64C5	83D0	80D0	68D5	70E5	70F3	70D3	66G8	81A3	91C8	78B3	78D5	88A8	73C3	01
00	69A3	69F0	64A5	83D0	80C0	68A5	70E5	70F3	70D3	66G8	81D5	91C8	78B3	78C5	88F5	73G0	00
COIL	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	COIL

RELAY (FOR USE WITH TABLE IA)

DESIG	RA7	RA8	S0	S1	S2	S3	S4	S5	S6	S7	S8	SA0	SA1	SA2	SA3	SA4	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	78G0	76C5	67G5	67E5	64E5	88F0	79F3	92C0	87C0	66F8	66F8	69E0	87G3	64C8	82B3	96F0	54
53	78F0	76C5	67G5	67E5	64E5	88F0	67D3	92C0	87A0	85D8	66A8	69E0	87G3	64C8	82A3	95C3	53
52	91C5	76C5	67G5	67E5	64E5	88F0	68A3	92C0	86F8	79A0	66A8	69E0	87F3	64C8	82G0	93G3	52
51	80E3	76C5	67G5	67E5	64E5	88F0	68G0	92C0	86D8	79B0	66A8	69D0	87F3	64C8	82G0	93E5	51
50	87F8	76C5	67G5	67E5	64E5	88F0	68E0	92C0	86C8	85D0	66A8	69D0	88F3	64C8	82F0	93C5	50
44	63F3	76C5	67C3	67A3	60E8	83F5	85E8	91E3	86A8	81G3	66A8	69D0	88F3	64C8	82F0	93A5	44
43	63F3	76C5	67C3	67A3	60E8	79C0	82C5	91E3	63D5	83A8	66A8	69D0	88F3	64C8	82E0	93G3	43
42	63E3	76C5	67C3	67A3	60E8	76A5	82C5	91E3	63D5	67C0	66A8	69D0	88F3	64C8	82D0	93E3	42
41	78F8	76C5	67C3	67A3	60E8	76G3	82C5	91E3	63C5	67F3	66A8	69C0	88E3	64C8	82D0	93D3	41
40	59D5	76C5	67C3	67A3	60E8	76F3	82C5	91E3	63B5	84A8	66A8	69A0	88E3	64C8	82C0	93C3	40
34	59F3	90F8	65C8	65A8	60A5	61A5	64A3	72F3	88G3	89C8	66A8	68F8	88E3	64C8	82B0	93A3	34
33	60F0	90F8	65C8	65G5	60A5	61G3	64A3	72F3	88G3	88C0	91F5	68F8	88E3	64C8	82A0	93F0	33
32	85F3	90F8	65C8	65G5	60A5	80F8	64A3	72F3	76B0	85D8	91E5	68F8	88E3	64C8	81F8	93E0	32
31	67F3	90F8	65C8	65G5	60G3	80D8	64A3	72F3	66C8	73A0	91G5	68F8	88E3	64C8	81E8	93D0	31
30	82G3	90E8	65C8	65G5	60G3	81A0	64E0	72F3	86C0	77E0	77G0	68F8	88E3	64C8	81D8	70G0	30
24	91B5	90C8	61D3	61B3	61D8	89E8	64E0	89D8	72F5	65F5	60G3	68E8	88E3	64C8	92C5	70E0	24
23	81E3	90C8	61D3	61B3	93D8	86F5	64E0	63A8	85B8	77A3	75C8	68E8	88E3	64C8	92A5	70D0	23
22	35G3	90A8	61D3	61B3	78C8	72A8	64E0	63G5	84B3		86A3	68E8	88E3	64C8	92F3	70D0	22
21	75A5	90A8	61D3	61B3	79C3	67C8	64E0	63G5	81F5	86D0	77G0	68E8	88C3	64C8	92E3	70D0	21
20	68C3	90A8	61D3	61B3	89E5	79D5	64E0	63G5	82C3	70C8	77E3	68E8	88B3	64C8	92C3	70C0	20
14	75D0	90F5	60G5	60E5	89A8	88C5	64A0		68D3	65D5	76F5	68D8	88B3	64C8	73A0	70A0	14
13	75C0	90F5	60G5	60E5	87F5	81F0	64A0		79C5	76A3	76D5	68D8	88B3	64C8	71E8	70A0	13
12	75A0	90F5	60G5	60E5	87D5	79A3	64A0		84E0	68B0	60C0	68C8	88A3	64C8	71C8	70A0	12
11	74F8	90F5	60G5	60C5	64D3	79F0	64A0		84D0	72E8	76C8	68C8	88A3	64C8	71A8	70A0	11
10	74D8	90D5	60G5	60E5	85E0	59E5	64A0		84C0	90C3	89C3	68C8	87A3	64C8	71G5	69F5	10
04	74C8	90A5	60A0	59B8	85F0	94A0	64A0		84B0	75D3	66E8	68A8	87G0	64C8	71E5	69E5	04
03	74A8	90E3	60A0	59B8	64D5	70A3	64A0	68F5	84A0	85D3	60B5	68A8	87G0	64C8	71C5	69C5	03
02	74G5	90E3	59F8	59B8	81G0	59D0	64A0	68E5	84A3	93E8	83E8	68F5	87F0	64C8	71A5	69C5	02
01	74E5	90E3	59E8	59B8	81C0	91C3	63B8	68C5	84F0	59A2	91B3	68F5	87F0	64C8	71F3	69C5	01
00	74D5	90E3	59D8	59B8	81A3	85A3	63B8	68B5	84F0	59A0	89B0	68F5	87E0	64C8	71E3	69C5	00
COIL	20E3	20E3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20G3	20G3	20G3	20G3	20G3	COIL

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25806-01-C37

BELL TELEPHONE LABORATORIES INCORPORATED

CODE IDENT 6S

PRINTED IN U.S.A.

PART OF APP FIG 152

RELAY (FOR USE WITH TABLE IA)

DESIG	SA5	SA6	SA7	SA8												DESIG
CODE	2868	2868	2868	2868												CODE
OPTION																OPTION
54	94A5	77F3	62D0	87E8												54
53	94B8	61A0	89F0	73D5												53
52	94F0	90E0	85F5	75D8												52
51	94C0	94E5	85E5	82A8												51
50	95A8	96C0	83B5	71C3												50
44	96A0	96B0	83C5	82E8												44
43	94D0	95E8	80E3	75A3												43
42	96F5	96A8	86E5	67F8												42
41	96E5	96A3	80D3	67E8												41
40	75A8	94D5	80B0	67E0												40
34	75G5	77D8	66C3	75F3												34
33	94A3	95F5	66G0	69A5												33
32	94D3	95A3	75E8	72A5												32
31	96D3	96G5	66A3	93B8												31
30	66A0	95C5	66E0	82D8												30
24	95D8	95E0	60D5	82C8												24
23	67D0	95D0	84C5	87E3												23
22	95C8	95A0	66D0	76E8												22
21	94D8	96B5	70A8	68E3												21
20	96E0	96G3	64F3	62E8												20
14	86E3	60D3	70B5	85A8												14
13	84C8	82F5	76A8	69G3												13
12	94F5	96E3	74C0	68D0												12
11	76C3	94E8	85C5	91C0												11
10	95A5	95F0	74E0	70D8												10
04	95G3	94E3	76F5	90A3												04
03	95D5	94A8	72D0	78A3												03
02	94G3	94C5	72C5	87C5												02
01	95E3	94E3	83A0	62F8												01
00	94G5	94B3	89A3	89G3												00
COIL	20G3	20G3	20G3	20G3												COIL

RELAY (FOR USE WITH TABLE IA)

DESIG	AB0		AB1		AB2		AB3		AB4		AB5		AB6		AB7		AB8				DESIG
CODE	AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23				CODE
OPTION	U0,UI		U0,UI		U0,UI		U0,UI		U0,UI		U0,UI		U0,UI		U0,UI		U0,UI				OPTION
X	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	X
12	EM		EM		EM		EM		EM		EM		EM		EM		EM				12
11	M	72D0	M	64E5	M		M		M	91G0	M	94D0	M	94F0	M	87C3	M	87C3			11
10	M	88B5	M	88A5	M	86E0	M	81C5	M	67C5	M	60D8	M	61F8	M	76G0	M	76F0			10
9																					9
8	EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM				8
7																					7
6	EMB		EMB		EMB		EMB		EMB		EMB		EMB		EMB		EMB				6
5																					5
4	EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM				4
3	M	87B3	M	87B3	M	61D5	M	61D5	M	61D5	M	61D5	M	61D5	M	76F5	M	76F5			3
2	M	83E5	M		M	61C5	M	61C5	M	61C5	M	61B5	M	61B5	M	59A5	M	59D3			2
1	M		M		M		M		M		M		M		M		M				1
COIL	X	20G3	X	20G3	X	20G3	X	20G3	X	20G3	X	20G3	X	20G3	X	20G3	X	20G3	X		COIL

NETWORK

OPT	DESIG	LOC	CODE
	R0		
	R1		
	R2		
	R3		
	R4	20E3	
	R5		
	R6		
	R7		
	R8		180A
	S0		
	S1		
	S2		
	S3		
	S4	20F3	
	S5		
	S6		
	S7		
	S8		

DRAWING ISSUE 750 CB

ISSUE 98B CB

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C38

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PART OF APP FIG 152

(FOR USE WITH TABLE 1B)

RELAY

DESIG	R0	R1	R2	R3	R4	R5	R6	R7	R8	RA0	RA1	RA2	RA3	RA4	RA5	RA6	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	103A0	100C5	99D3	130D3	99G0	121F3	119A5	102E5	102D5	113G5	116B8	114C8	122A3	100G3	121D8	116B3	54
53	103A0	100C5	122D8	105E0	114F8	114D5	119B3	101C5	102D5	113G5	116B8	118E8	122A3	100F3	121B8	116B3	53
52	102F8	102B8	122D8	103F8	115A6	108D0	126E0	101B5	102D5	113G5	116B8	104D5	122A3	100F3	114E5	116B3	52
51	102F8	102B8	101A5	130A3	115G3	114E5	126D0	112D8	102D5	113G5		120E3	122A3	100F3	101E5	116B3	51
50	102F8	102B8	101G3	99D0	119A0	114D8	101H5	113F8	113D8	113G5	102A8	99A3	122A3	100F3	113D0	116B3	50
44	128C5	128A5	101E3	111C5	120A3	98H0	123E3	110C8	110A8	113E3	117D3	98F5	122C0	100D3	119D8	116A3	44
43	128C5	128A5	101F3	111C5	125E3	120C3	102F8	110C8	110F5	113E3	117D3	101C3	122C0	100C3	119C8	116A3	43
42	128C5	128A5	101E3	111C5	103E3	120C3	120C0	110C8	110F5	113E3	121D5	101B3	122C0	100C3	119C8	116A3	42
41	128C5	128A5	101E3	114A8	99D0	120C3	120C0	110C8	110F5	113E3	123C8	121D0	122C0	100C3	119C8	116A3	41
40	128C5	128E3	103E8	115G0	119D0	120C3	120C0	110C8	110F5	113E3	112A0	116A5	122C0	100C3	119C8	116A3	40
34	108A3	108F0	103E8	128A0	114A0	120C3	120C0	110D5	110C5	109H3	120A0	117F0	109F0	123E5	119C8	116A8	34
33	108A3	108F0	103E8	120F3	115G5	120C3	120C0	110D5	110C5	109H3	123F5	125D5	109F0	123D5	119A8	116B5	33
32	108A3	108F0	103C8	99C5	115E5	120C3	127F5	110D5	110C5	109H3	111D5	109G3	109F0	99F5	119G5	116F3	32
31	108A3	108F0	103C8	98F3	115D5	120C3	102B5	110D5	110C5	109H3	117H0	128F0	109F0	104E5	119E5	116D3	31
30	108A3	108F0	103B8	118C0	115C5	120C3	102B5	110D5	110C5	109H3	115D3	107D5	109F0	104F5	119D5	116F8	30
24	129E3	129A3	118C8	111E8	115B5	120C3	102B5	109D8	109B8	109D3	9968	114C5	109C0	110F5	100D8	110F3	24
23	129D3	129F0	118C8	99G0	121F5	120C3	104D0	109D8	109B8	109D3	116F0	107C5	109C0		100D8	110F3	23
22	129D3	129F0	118B8	115D3	121E5	120C3	102A3	109D8	109B8	109D3	123E0	99D3	109C0	120D5	100D8	110E3	22
21	129D3	129D0	118B8	99E0	116B0	120C3	115E3	109D8	109B8	109D3	123F0	115E0	109C0	120G3	100C8	110D3	21
20	129D3	129A0	118B8	115B3	116B0	120C3	103D0	109D8	109B8	109D3	118D0	115C0	109C0	118D0	100B8	110C3	20
14	129D3	129A0	113A0	118A8	116A0	120C3	107F5	108C0	108A0	104D3	99G5	128E0	114A5	116E3	100B8	110G0	14
13	107A0	106A8	113A0	118G5	116A0	102F0	99G3	108C0	107F8	104D3	125G0	128E0	114A5	113C3	100A8	110F0	13
12	106E8	106A8	112F8	118F5	116A0	102F0	99B3	108C0	107F8	104D3	112B0	128E0	114A5	117A0	100H5	110E0	12
11	106E8	106A8	112F8	118E5	116A0	102D0	104F8	108C0	107F8	104D3	105B5	128E0	114A5	111E5	100G5	110D0	11
10	106E8	106A8	112F8	118D5	115F8	102D0	104E8	108C0	107F8	104D3	105A5	128E0	114A5	112B3	100G5	110D0	10
04	106D8	106A8	102F3	118C5	115E8	105A8	107A8	107A5	107F3	104A3	116G3	128C0	114F3	127F0	124F5	110C0	04
03	106F3	106E0	102D3	118B5	115E8	105G5	107G5	107A5	107F3	104A3	104D5	128C0	114F3	114G0	124E5	110B0	03
02	106E3	106E0	102D3	118A5	115D8	105F5	107G5	107A5	107F3	104A3	125C5	128C0	114D3	114F0	124D5	110A0	02
01	106C3	106E0	102F3	118G3	115D8	105F5	107G5	107A5	107F3	104A3	116E8	128C0	114A3	114E0	124A5	109G8	01
00	106A3	106E0	102D3	118F3	115B8	105C5	107G5	107A5	107F3	104A3	117G0	128C0	114A3	114D0	124F3	109F8	00
COIL	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	COIL

DESIG	RA7	RA8	S0	S1	S2	S3	S4	S5	S6	S7	S8	SA0	SA1	SA2	SA3	SA4	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	114C0	112E5	104C8	104A8	102A5	124E0	115A3	128D3	122C8			106C0	123B3	102F5	117C8	133A5	54
53	114C0	112E5	104C8	104A8	102A5	124E0	104A5	128D3	122A8	121D3	104E0	106C0	123B3	102F5	117C8	132F0	53
52	127E5	112E5	104C8	104A8	102A5	124D0	105D3	128D3	122G5	114C8	104E0	106C0	123A3	102F5	117B8	130F0	52
51	116F0	112E5	104C8	104A8	102A5	124D0	105C3	128D3	122E5	114C8	104E0	106C0	123A3	102F5	117A8	130E0	51
50	123B8	112E5	104C8	104A8	102A5	124D0	105A3	128D3	122D5	120A5	104E0	106C0	124E3	102F5	117G5	130C0	50
44	101D5	112G5	104F3	104E3	99G5	119C0	121E3	127A5	122C5	117D0	104E0	106C0	124E3	102F5	117G5	130A0	44
43	101D5	112E5	104F3	104E3	99G5	114D8	118B0	127A5	101G5	119E0	104E0	106C0	124E3	102F5	117F5	129F8	43
42	101D5	112E5	104F3	104E3	99G5	112B5	118B0	127A5	101F5	104E0	104E0	106C0	124E3	102F5	117E5	129D8	42
41	116B5	112E5	104F3	104E3	99G5	112A5	118B0	127A5	101F5	100F0	104E0	106B0	124E3	102F5	117E5	129C8	41
40	103A8	112C5	104F3	104E3	99G5	112G3	118B0	127A5	101E5	120G0	104E0	106B0	124D3	102F5	117D5	129A8	40
34		127E0	103C3	103A3	99E3	100H0	102A0	109C3	124B8	125D8	104E0	106A0	124D3	102F5	117C5	129F5	34
33	99G0	127E0	103C3	103G0	99E3	100G0	102A0	109C3	124A8	124A0	127A8	106A0	124D3	102F5	117C5	129D5	33
32	120D8	127E0	103C3	103G0	99E3	116D5	102A0	109C3	112G0	121C3	127G5	106A0	124D3	102F5	117A5	129B5	32
31	104B5	127E0	103C3	103G0	99E3	116C5	102A0	109C3	104F0	109A8	127B8	106A0	124D3	102F5	117F3	129A5	31
30	117F8	127D0	103C3	103G0	99E3	116F5	101E8	109C3	121A5	113D0	113E0	106A0	124D3	102F5	117E3	107A3	30
24	127D5	127C0	100D0	100B0	100H3	126A0	101E8	125E8	109B5	103F0	99F3	106A0	124D3	102F5	128D8	107F0	24
23	117B0	127C0	100D0	100B0	130D3	122A5	101E8	102G0	121C3	113F0	112C0	106A0	124D3	102F5	128C8	107E0	23
22	120E8	127A0	100D0	100B0	114G5	109C5	101E8	102E0	119C5	117F0	121B8	106A0	124D3	102F5	128A8	107E0	22
21	111C8	127A0	100D0	100B0	115F0	105A0	101E8	102E0	117A3	121C5	113E0	106A0	124C3	102F5	128G5	107E0	21
20	105E3	127A0	100D0	100B0	125E5	115F3	101E8	102E0	117D8	107D8	113C3	106A0	124A3	102F5	128E5	107D0	20
14	111A5	126D8	99E5	99B5	125B8	124D8	101A8	105B8	105G3	103C0	112F5	105F8	124A3	102F5	108F8	107C0	14
13	111F3	126D8	99E5	99B5	123A5	116C8	101A8	105B8	110D8	112E3	112F5	105F8	124A3	102F5	108D8	107C0	13
12	111E3	126D8	99E5	99B5	123F3	115C0	101A8	105B8	119D3	105E0	99E0	105E8	124G0	102F5	108C8	107C0	12
11	111C3	126D8	99E5	99B5	102G0	115A0	101A8	105B8	119[illegible]3	109F5	112C8	105E8	124G0	102F5	108A8	107C0	11
10	111A3	126A8	99E5	99B5	120B5	98D5	101A8	105B8	119[illegible]3	126E3	125C3	105E8	123C0	102F5	108F5	106F5	10
04	111F0	126E5	99C0	98A8	120C5	130A5	101A8	105H5	119[illegible]3	111F5	104G0	105C8	123B0	102F5	108E5	106D5	04
03	111D0	126B5	99C0	98A8	102G3	107C3	101A8	105H5	119C3	120A8	99G3	105C8	123B0	102F5	108C5	106C5	03
02	111C0	126B5	99A0	98A8	116D8	98E0	101A8	105F5	119B5	130E3	119A3	105B8	123A0	102F5	108A5	106C5	02
01	111A0	126B5	98F8	98A8	116G5	127G3	101A8	105E5	119E3	98A3	127F3	105B8	123A0	102F5	108F3	106C5	01
00	110E8	126B5	98D8	98A8	117E0	120E5	101A8	105C5	119G3	98A0	125D0	105B8	122E8	102F5	108D3	106C5	00
COIL	20E3	20E3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20G3	20G3	20G3	20G3	20G3	COIL

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-C39

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-C39

PART OF APP FIG 152

RELAY (FOR USE WITH TABLE 1B)

DESIG	SA5	SA6	SA7	SA8
CODE	286B	286B	286B	286B
OPTION				
54	131E0	113D3	100D5	123A8
53	134F5	99B8	131A1	110B3
52	130G5	126A3	121F0	112C0
51	130D5	131G3	121E0	118E0
50	132D8	133F3	118E8	108C3
44	133D3	133E3	118F8	118B3
43	130E5	133F0	116E0	111D5
42	134G3	134C5	122E3	105C0
41	134F3	133C5	116C0	105B0
40	134G0	131C3	115A8	104B3
34	134D0	113A8	103F5	111A8
33	130A8	132A8	103C5	106A5
32	130D8	132C0	112D0	109D3
31	133F5	134A5	103D5	130B3
30	133A3	132A5	103A5	118A3
24	133D0	132A0	99A5	118G0
23	131E3	131D8	119E8	123G0
22	133A0	131A8	103F3	112E8
21	131D5	134B3	107B8	105H3
20	133G3	134A0	102C3	101F0
14	121E8	134A3	107D5	121A3
13	104C0	133C8	112A8	106H3
12	131A5	133A8	101A0	105G0
11	104G8	131E5	121C0	127A3
10	132F3	133D0	110B5	107E8
04	132D3	130F8	112D5	126D3
03	132D5	132D8	109J0	114D0
02	131C0	131F0	109F3	123E3
01	132A3	131A0	118D3	101G0
00	131B5	130C8	125A3	125F3
COIL	20G3	20G3	20G3	20G3

RELAY (FOR USE WITH TABLE 1B)

DESIG	AB0		AB1		AB2		AB3		AB4		AB5		AB6		AB7		AB8				DESIG
CODE	AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23				CODE
OPTION	UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI				OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	EM		EM		EM		EM		EM		EM		EM		EM		EM				12
11	M	109B0	M	102C5	M		M		M	127E3	M	130E5	M	130F5	M	123E0	M	123E0			11
10	M	124D8	M	124C8	M	121D5	M	117F0	M	104E5	M	99H5	M	100B5	M	112D3	M	112D3			10
9																					9
8	EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM				8
7																					7
6	EMB		EMB		EMB		EMB		EMB		EMB		EMB		EMB		EMB				6
5																					5
4	FBM		FBM		FBM		FBM		FBM		FBM		FBM		EBM		EBM				4
3	M	123D0	M	123D0	M	100B3	M	100B3	M	100B3	M	100B3	M	100B3	M	112G5	M	112G5			3
2	M	119B0	M		M	100A3	M	100A3	M	100A3	M	100A3	M	100A3	M	98A5	M	98D3			2
1	M		M		M		M		M		M		M		M		M				1
COIL		20G3		20G3		20G3		20G3		20G3		20G3		20G3		20G3		20G3			COIL

NETWORK

OPT	DESIG	LOC	CODE
	R0		
	R1		
	R2		
	R3		
	R4	20G3	
	R5		
	R6		
	R7		
	R8		180A
	S0		
	S1		
	S2		
	S3	20F3	
	S4		
	S5		
	S6		
	S7		
	S8		

DRAWING ISSUE 750 C9

ISSUE 988 C8

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C40

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C40

A B C D E F G H

0 1 2 3 4 5 6 7 8 9

PART OF APP FIG 152

RELAY (FOR USE WITH TABLE IE)

DESIG CODE OPTION	R0 286B	R1 286B	R2 286B	R3 286B	R4 286B	R5 286B	R6 286B	R7 286B	R8 286B	RA0 286B	RA1 286B	RA2 286B	RA3 286B	RA4 286B	RA5 286B	RA6 286B	DESIG CODE OPTION
54	147A8	147D5	140F5	159C0	151F0	144A3	173E0	156F0	156B0	157E0	160E5		161B5	161G5	165G5	157D3	54
53	147G5	147D5	143C3	162D8	157F8	140E3	158A0	156E0	156A0	157E0	160E5	155C3	161A5	161G5	155F0	157C3	53
52	147D5	147D5	143B3	156E5	158A3	140E3	158B5	156E0	156A0	157E0	160E5	166B3	165B5	161G5	171B3	171B0	52
51	147G5	147C5	143A3	158E3	157C8	140D3	169A3	156E0	156A0	157E0		169E3	167A5	161G5	167B0	159C5	51
50	147G5	147C5	143G0	140F0	140F3	140D3	169C3	156D0	156A0	157E0	165F5		154G3	161G5	167B0	167H3	50
44	171F5	171E5	143F0	154D0	173B5	168G3	168F3	153A8	153F5	156G5	165F5	158D0,165F3	163C8	161F5	167B0	168E8	44
43	171F5	171E5	143E0	154C0	148B3	168F3	168E3	153A8	153E5	156G5	165F5	158E0,165F3	167E3	161F5	167A0	140A5	43
42	171F5	171E5	143C0	154B0	146B8	165A5	164C0	153A8	153E5	156G5	165F5	160C8,165F3	154D0	163F5	171F0	164F3	42
41	171F5	171E5	143B0	165D0	172C8		164C0	153A8	153E5	156G5	165F5	155A0,165F3		163E5	171F0	145A5	41
40	171F5	171C5	146F5		155C0		164C0	153A8	153E5	156G5	147E8,165F5	155B0,165F3		163E5	171F0	161E8	40
34	151C3	151A3	142C8		155D0		164C0	153C5	153A5	152G0	142F0,159E5	160B8	158E0	163D5	171F0	161D8	34
33	151C3	151A3	142C8		140D5		164C0	153C5	153A5	152G0	142F0,172D3	146A8	162A8	163C5	171F0	157E8	33
32	151C3	151A3	142C8		158C0		171C0	153C5	153A5	152G0	142E0,172D3	158D8	147B8	163A8	166G0	143G3	32
31	151C3	151A3	142C8		158D5		140A8	153C5	153A5	152G0	142E0,172D3	145A0	164A5	163A8	166G0	156D3	31
30	151C3	151A3	142C8		157A3	164G3	159F3	153C5	153A5	152G0	142E0,172D3	161D3	140B5	163A8	166G0	147D8	30
24	172F3	172C3	162G5	162C8	164B5	164G3	158F3	152C5	152A5	152C0	142E0,172D3	158C8	139D8	163A8	166G0	168E8	24
23	172E3	172A3	162G5	140B3	139C5	164G3	146E8	152C5	152A5	152C0	142E0,172D3	141F3	155A3	163A8	166G0	140F3	23
22	172E3	172A3	162F5	158A8	139G3	164G3	144B0	152C5	152A5	152C0	142D0,147F5	159D5	142E8	169A0	152A0	168E8	22
21	172E3	172G0	162F5	140A3	162D0	164G3	158E8	152C5	152A5	152C0	142D0,158C8	166C8	142E8	146C3	152A0	168E8	21
20	172E3	172E0	162F5	158F5	154D3	164G3	146C0	152C5	152A5	152C0	142C0,150F0	166C8	165F0	153D5	152A0	168E8	20
14	172E3	172E0	156B3	159C0	162E8	164G3	150F5	151D0	151C0	147D3	142C0,150F0	162E0	160C3	146C3	152A0	139G5	14
13	150F0	150D0	156B3	159C0	165D5	143F3	140D8	151D0	151A0	147D3	142C0,150F0	141E0	161A3	141D0	152A0	139D5	13
12	150F0	150D0	156A3	159C0	165C5	143F3	140C5	151D0	151A0	147D3	142C0,150F0	168G5	169F0	141D0	157A8	139F3	12
11	150F0	150D0	156A3	159C0	159A5	143F3	148D0	151D0	151A0	147D3	142C0,150F0	154A5	152F0	139G0	157A8	142A0	11
10	150F0	150D0	156A3	159C0	159G3	143F3	148D0	151D0	151A0	147D3	149D5,168H0	148A8	171D3	162F0	157A8	146G5	10
04	150F0	150D0	144E0	162E5	159F3	148E8	150C8	150C5	150A5	147D0	149D5,165C0	148G5	150E5	160F0	157G5	163E3	04
03	149C8	149B5	144D0	162D5	159E3	148E8	150A8	150C5	150A5	147D0	148D5,149D5	160A3	157C8	145F3	157G5	163F0	03
02	149A8	149B5	144D0	162D5	159D3	148E8	150A8	150C5	150A5	147D0	149D5,163E0	147C8	150E5	160F8	157F5	169B5	02
01	149F5	149B5	144E0	162C5	159C3	148E8	150A8	150C5	150A5	147D0	149D5,163B0	169E0	140E5	154F0	157F5	169A5	01
00	149G5	149B5	144D0	162C5	159C3	148B8	150A8	150C5	150A5	147D0	149D5,163B0	160D8	162G0	154E8	157D5	143E3	00
COIL	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	COIL

RELAY

DESIG CODE OPTION	RA7 286B	RA8 286B	S0 286B	S1 286B	S2 286B	S3 286B	S4 286B	S5 286B	S6 286B	S7 286B	S8 286B	SA0 286B	SA1 286B	SA2 286B	SA3 286B	SA4 286B	DESIG CODE OPTION
54	143B0	141G0	148C0	148A0	144G0		167G5	158F5	146D0	154G3	147C0	170A0	170E3	173H3	163B5	173H5	54
53	153F0	165C8	148C0	148A0	144G0		167E5	147A5	156G3	165E3	146E8	170A0	154G5	173G3	163A5	161F3	53
52	153E0	165B6	148C0	148A0	144G0	147G3	167E5	148C5		158F0	146E8	170A0	154G5	166E8	163G3	147E8	52
51	153D0	152D8	148C0	148A0	144G0	147G3	167E5	148A5	172E8	158G0	146E8	170A0	154G5	153D3	172C0	167E0	51
50	153C0	152C8	148C0	148A0	144G0	139B5	139C3	148F3	173E3	164D5	146E8	170D3	154G5	173G5	172A0	158B8	50
44	153A0	152C3	147F3	147D3	141F0	162D8	166F3	171A5	173E3	161E0	146E8	170C3	154A8	173D0	171E8	152G3	44
43	160D5	152B8	147F3	147D3	141F0	160A8	166D3	171A5		163C0	162B0	170C3	173E5	173D0	171C8		43
42	160C3	152A8	147F3	147D3	141F0	155G3	166D3	171A5	160B3	164A0	171D0	170C3	173E5	173C0	171A8	155E3	42
41	160G0	152H5	147F3	147D3	141F0	155F3	166D3	171B5	140F5	141F5		170C3	173E5	173B0	151D5	141C0	41
40	160D0	152G5	147F3	147D3	141F0	155F3	166D3	171A5	146D3	164E3		170B3	173E5	173A0	151C5	176C8	40
34	160E8	152G5	146A3	146F0	140H5	141G5	166C3	170A8	147G0	169D3		170A3	173D5	172F8	151B5	174B0	34
33	142C5	152F5	146A3	146E0	140H5	141F5	164E3	170A8	147F0	167C5		149A5	173B3	167D3	151A5	159D8	33
32	142B5	152F5	146A3	146E0	140H5	160F3	140E0	170A8	147A0	165E3	164B0	149G3	173A3	167C3	151G3	174D8	32
31	142A5	164E8	146A3	146E0	140G5	160D3	167A3	170A8	169E5	152F3	156G3	149G3	173G0	142D3	172C8	174D8	31
30	142G3	147E5	146A3	146E0	140G5	160A5	167F0	170A8	165F3	162A0	156F3	149F3	173F0	142C3	172B8	175A3	30
24	142G3	162B0	141D5	141B5	169B8	169F3	144A0	152C0	152A3	157E8	140B8	149F3	173F0	142A3	172F5	175A0	24
23	154F5	170D8	141D5	141B5	140B8	166C3	164E5	152C0	165C3	161G0	154B5	149E3	144G3	164C3	172E5	174C0	23
22	168C3	161A0	141D5	141B5	162B3	152C3	164F5	152C0	163F3	165G3	165E5	149D3	144F3	164A3	172E5	174E0	22
21	168C3	165A0	141D5	141B5	142F5	148F0	144G0	152C0	161E3	150E8	156F3	149D3	144E3	164G0	172E5	176D0	21
20	168A3	153F8	141D5	141B5	158B3	159A0	160G5	152C0	161A8	146A0	156D5	168G0	144D3	164F0	172E5	175D3	20
14	168A3	153E8	141A0	140E8	176C8	168A5	160C5		148E5	155B3	155E5	168G0	144B3	164D0	150A3	174A5	14
13	160C0	153E8	141A0	140E8	161C3	160F5	161F0	143H3	153C8	155G0	155D5	168F0	145C8	144C8	150A3	176B8	13
12	160A0	153D8	141A0	140E8	162A5	158A5	143F8	143G3	163H3	148C3	140F0	168F0	145A8	144B8	150A3	174F0	12
11	159E8	153D8	141A0	140E8	160G3	158G3	143F8	143G3	163H3	152E3	155D8	168E0	145F5	144A8	150A3	175F5	11
10	159E8	155F5	141A0	140E8	161C0	139C8	143F8	143C3	163A5	169C8	168B8	168E0	145D5	144G5	150A3	176B3	10
04	159C8	155F5	140E0	139D8	141E8	174A0	143E8		163A3	154G0	147B0	168D0	145B5	144F5	150C0	174A3	04
03	159A8	155D5	140E0	139D8	141E8	150E3	143F8	148D8	163A3	164C8	140C8	166A8	145C3	144F5	150C0	176G3	03
02	159A8	155C5	140D0	139D8	141D8	139E0	143E8	143D8	163E3	173B8	163F0	166E5	145A3	144E5	150B0	176E3	02
01	159G5	155B5	140C0	139D8	141C8	170F5	143E8	148D8	163C3	139A3	170E5	166D5	145E0	144D5	150B0	175A8	01
00	159G5	155B5	140A0	139D8	141B8	164A8	143D8	148C8	163D3	139C0	168D5	166C5	145C0	144C5	150B0	174E8	00
COIL	20E3	20E3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20F3	20G3	20G3	20G3	20G3	20G3	COIL

DRAWING ISSUE 75D 8

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C41

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S PRINTED IN U.S.A.

SD-25805-01-C41

0 1 2 3 4 5 6 7 8 9

PART OF APP FIG 152

(FOR USE WITH TABLE IE)

DESIG	SA5	SA6	SA7	SA8	DESIG
CODE	286B	286B	286B	286B	CODE
OPTION					OPTION
54	165D8	142E3	162B8	154E0	54
53	174G5	156E5	159C5	148A3	53
52	175A5	141A3	166A3	148G0	52
51	175F3	141D3	159B5	147A3	51
50	175C5	169F5	159E0	154C3	50
44	174G3	168G5	146D5	148E5	44
43	175E3	161B8	146A5	154B3	43
42	174A8	173A8	154D5	149E8	42
41	174E5	173D8	146B5	152D0	41
40	176C0	173E8	146F3	172D8	40
34	176B0	173D3	140E8	162D3	34
33	175D8	170C5	163B8	162C3	33
32	176F5	164C3	146E3	166D8	32
31	176F0	163D8	150C8	156F0	31
30	174C5	145E8	144C0	148F5	30
24	175D5	173C3	150E5	142A8	24
23	175C3	173B3	155A8	165B3	23
22	176D5	153F3	153E3	149D8	22
21	174C3	155B8	165E0	148E3	21
20	175F0	153G3	153D3	170G3	20
14	175E0	155C8	155G5	150F8	14
13	176B5	173A5	151E5	169B8	13
12	176D3	173F5	152E0	157E3	12
11	176C3	173F3	162F3	167F0	11
10	174D0	171A0	168A8	142C8	10
04	174E3	170E8	167G3	169B0	04
03	175F5	142G0	152E8		03
02	175C0	162E0	154C5		02
01	174E3	165A3	162A3		01
00	175C8	165G0	151D3		00
COIL	20G3	20G3	20G3	20G3	COIL

RELAY (FOR USE WITH TABLE IE)

DESIG	AB0		AB1		AB2		AB3		AB4		AB5		AB6		AB7		AB8				DESIG
CODE	AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23				CODE
OPTION	UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI		UO,UI				OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	EM		EM		EM		EM		EM		EM		EM		EM		EM				12
11	M		M	163A0	M	161B3	M		M	155F0	M	157D5	M	167E0	M	159F5	M	155A5			11
10	M		M		M	158G0	M	159C0	M		M	151D5	M		M	156C0	M	157G0			10
9																					9
8	EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM				8
7																					7
6	EMB		EMB		EMB		EMB		EMB		EMB		EMB		EMB		EMB				6
5																					5
4	EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM		EBM				4
3	M	166A5	M	145B0	M	144C5	M	150A0	M	176D0	M	157E0	M	162B8	M	162E3	M				3
2	M	157F0	M		M		M		M	167A8	M		M	156E3	M	154H3	M	147D0			2
1	M		M		M		M		M		M		M		M		M				1
COIL	20G3		20G3		20G3		20G3		20G3		20G3		20G3		20G3		20G3				COIL

NETWORK

OPT	DESIG	LOC	CODE
	R0		
	R1		
	R2		
	R3		
	R4	20E3	
	R5		
	R6		
	R7		
	R8		180A
	S0		
	S1		
	S2		
	S3		
	S4	20F3	
	S5		
	S6		
	S7		
	S8		

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C42

BELL TELEPHONE LABORATORIES INCORPORATED ES

PRINTED IN U.S.A.

APP FIG 153

RELAY	(FOR USE WITH TABLE 1A)							(FOR USE WITH TABLE 1B)							(FOR USE WITH TABLE 1E)		
DESIG CODE OPTION	V0(-) 286B	V1(-) 286B	V2(-) 286B	V3(-) 286B	V4(-) 286B	W0(-) 286B	W1(-) 286B	V0(-) 286B	V1(-) 286B	V2(-) 286B	V3(-) 286B	V4(-) 286B	W0(-) 286B	W1(-) 286B	V0(-) 286B	V1(-) 286B	DESIG CODE OPTION
54	67F6		f	84B3		60G6	86B1	104B8		f	119B6		99E6	121G3	148B1		54
53	67F6		e	k		60G6	96G3	104B8		e	k		99E6	134B1	148B1		53
52	67F6		95C8	95E6		60G6	80F6	104B8		133A1	132E6		99E6	116E3	148B1		52
51	67F6		68D1	90D3		60G6	96C6	104B8		131E3	126F3		99E6	134C3	148B1		51
50	67F6		d	72E8		60G6	82F6	104B8		d	109F6		99E6	133D8	148B1		50
44	67B3	75D1	c	j		61E4	82D3	104E3	111F3	c	j		100D1	117E8	147E3	145C8	44
43	67B3	74D8	b	h		61E4	96E3	104E3	111F1	b	h		100D1	133G6	147E3	145B6	43
42	67B3	74D6	96D3	g		61E4	72F6	104E3	110E8	133F6	g		100D1	109A6	147E3	145E1	42
41	67B3	85E4	83C1	95E1		61E4	88B1	104E3	120B8	118F4	132B1		100D1	123D8	147E3	164D8	41
40	67B3	93F8	86E3	95D8	81B6	61E4	67G1	104E3	130F3	121F8	133D1	117E1	100D1	104D3	147E3	173C8	40
34	65B8	83H3	77D3	94C8	88D6	65D8	92B1	103C4	118D8	113B4	134G6	124E8	103C3	128G1	146F1	16206	34
33	65H6	83H3	90E1	94F1	81F1	65D8	95B3		118D8	126G1	130G6	116C9	103C3	132D1	146E1	16206	33
32	65H6	83F3	66E3	94A6	79B3	65D8	65E3		118C8	103H6	131E1	115D1	103C3	102E8	146E1	162F6	32
31	65H6	83F3	77D1	96E1	79G1	65D8	95C6		118C8	113C1	133G3	115C1	103C3	132A6	146E1	162F6	31
30	65H6	83F3	a	f	59E6	62D8	59G8		118C8	a	f	98E6	103C3	99A1	146E1	162F6	30
24	61C4	73E1	89D1	e	94C1	67D3	77E8	100B1	109C8	125F1	e	130B6	104F3	113B8	141C6	15286	24
23	61C4	73D1	85D1	d	70C3	67D3	95G6	100B1	109C8	120G3	d	107D4	104F3	132B8	141C6	15286	23
22	61C4	73D1	79C3	c	59E1	67D3	72C8	100B1	109C8	115F1	c	98F1	104F3	109E6	141C6	15286	22
21	61C4	73D1	78D8	85E6	91C3	67D3	61A4	100B1	109C8	114G6	121F1	127G3	104F3	100A1	141C6	15286	21
20	61C4	73D1	59B4	b	85B4	67D3		100B1	109C8	98B4	b	120F6	104F3		141C6	15286	20
14	60F6	71B1	59B1	80B1	64C1	67H6		99B6	108B1	98B1	115B8	101C8	104C8		140G8	15101	14
13	60F6	70F8		70C8	64C1	67H6		99B6	107F8		107C8	101C8	104C8		140G8	15181	13
12	60F6	70F8		96B8	64C1	67H6		99B6	107F8		134D6	101C8	104C8		140G8	15181	12
11	60F6	70F8	76B3	84C6	64C1	67H6	95B1	99B6	107F8	112E4	119E8	101C8	104C8	131B8	140G8	15181	11
10	60F6	70F8	95E3	96B3	64C1	67H6	59D8	99B6	107F8	132B3	133E6	101C8	104C8	98D8	140G8	15181	10
04	59C8	70E3	74B3	66F1	64C1			98A8	107F4	110C6	103C6	101C8			139E8	15086	04
03	59C8	70E3	74F1	66B3	64C1			98A8	107F4	110C6	103D6	101C8			139E8	15086	03
02	59C8	70E3	74F1	66D3	64C1			98A8	107F4	110C6	103G6	101C8			139E8	15086	02
01	59C8	70E3	74F1		63D8			98A8	107F4	110C6		101C8			139E8	15086	01
00	59C8	70E3	74F1	a	63D8			98A8	107F4	110C6	a	101C8			139E8	15086	00
COIL	18F4		18F4	18E4	18E4	18H4	18H4	18F4	18F4	18F4	18E4	18E4	18H4	18H4	18F4	18F4	COIL
			SEE NOTE 1	SEE NOTE 2						SEE NOTE 3	SEE NOTE 4						

RELAY	(FOR USE WITH TABLE 1E)				
DESIG CODE OPTION	V2(-) 286B	V3(-) 286B	V4(-) 286B	W0(-) 286B	W1(-) 286B
54	f	163F3		141B1	157D8
53	e	k		141B1	175F1
52	174E1	176G3		141B1	160E1
51	174C1	169D8		141B1	174C3
50	d	152F3		141B1	176B6
44	c	j		141D6	161C8
43	b	h		141D6	176G1
42	174D8	g		141D6	152G1
41	162C3	175D6		141D6	167B6
40	174B6	175A1	162C8	141D6	147C3
34	156C6	161F3	163F8	146B3	171D3
33	169E6	147E8	163F8	146B3	176G6
32	146F6	173H6	163F8	146B3	145G3
31	156D3	175D3	163F8	146B3	174C6
30	a	f	163F8	146B3	140D1
24	168F6	e	163F8	147F3	176B1
23	164C6	d	163E8	147F3	175D8
22	158C6	c	163E8	147F3	152D3
21	158B1	141E3	163F8	147F3	141A6
20	139B3	b	163E8	147F3	
14	139C1	173E8	143D6	148C1	
13		155C8	143D6	148C1	
12		174B8	143D6	148C1	
11	155G1	173B4	143D6	148C1	176D6
10	175A8	174E6	143D6	148C1	140A1
04	153B6	145E8	143D6		
03	153B6	163D8	143D6		
02	153B6	173D4	143D6		
01	153B6		143D6		
00	153B6	a	143D6		
COIL	18F4	18E4	18E4	18H4	18H4
	SEE NOTE 5	SEE NOTE 6			

NETWORK

OPT	DESIG	LOC	CODE
	V0(-)	18F4	
	V1(-)	18F4	
	V2(-)	18F4	
	V3(-)	18E4	180A
	V4(-)	18E4	
	W0(-)	18H4	
	W1(-)	18H4	

NOTES:

1.

a	LI	94C6 96F3
b	LI	62C1 94B3
c	LI	79G8 94D3
d	LI	66B1 79E8
e	LI	79B8 94B3
f	LI	86H1 94D8

2.

a	LI	88E1 94F8
b	LI	79C8 83C6
c	LI	62B8 79D8
d	LI	62B8 74F6
e	LI	62B8 74E8
f	LI	62B8 75E1
g	LI	67F1 74B8
h	LI	62C8 75B1
j	LI	75B6 89D1
k	LI	70D6 95G3

3.

a	LI	131G1 133B8
b	LI	114A1 130B8
c	LI	115G6 130E8
d	LI	115F6 133A3
e	LI	115B6 130C8
f	LI	121G6 131D6

4.

a	LI	124C1 131F6
b	LI	115D6 118G8
c	LI	101C1 115E6
d	LI	101C1 111A1
e	LI	101C1 111A3
f	LI	101C1 111A6
g	LI	104C3 111D1
h	LI	101D1 111E3
j	LI	111C8 125E1
k	LI	107F6 132D3

5.

a	LI	175C1 176D3
b	LI	159E8 162E8
c	LI	165D6 174D8
d	LI	165C6 175A3
e	LI	159F3 175C8
f	LI	159E3 176D1

6.

a	LI	167D6 176C3
b	LI	159G3 168G6
c	LI	142E6 159A6
d	LI	142E6 145G1
e	LI	142E6 145D6
f	LI	142E6 144C3
g	LI	145D3 147B3
h	LI	142F6 145B8
j	LI	144F3 168E8
k	LI	155C8 174A3

ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-C43

BELL TELEPHONE LABORATORIES INCORPORATED

6S

PRINTED IN U.S.A.

APP FIG 154

RELAY	(FOR USE WITH TABLE 1A)					(FOR USE WITH TABLE 1B)					(FOR USE WITH TABLE 1E)					
DESIG	V5(-)	V6(-)	V7(-)	V8(-)	V9(-)	V5(-)	V6(-)	V7(-)	V8(-)	V9(-)	V5(-)	V6(-)	V7(-)	V8(-)	V9(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																OPTION
54	72C3	94C1	89F8	81F8	62B1	109G1	130D6	126C1	117C6	100D6	151F8	167E1	169G3	167D4	147D6	54
53	72C3	95A8	69B8	81E8	62B1	109G1	132D8	106B8	117G4	100D6	151F8	158B8	150E1	142E3	147D6	53
52	72C3	60D6	69B8		65F1	109G1	99B6	106B8		102C8	151F8	173C4	150E1		147D6	52
51	72C3	64G3	69B8		65D1	109G1	102D4	106B8		102C8	151F8	153G3	150E1		147C6	51
50	72C3	76B8	69B8	75G6	65C1	109G1	112B8	106B8	134D1	102C8	151F8	173B6	150E1	174B1	147C6	50
44	72G1	83C6	69B8	66E1	89G6	109D1	118F8	106B8	103G4	125G6	151B8	169F6	150E1	153F3	169B3	44
43	72G1	85G6	77C1	84D8	89A8	109D1	121G1	113B1	104C1	125C8	151B8	141B3	156C3	176B8	169D3	43
42	72G1	89G1	77C1	94F3	90B8	109D1	131B3	113B1	131B1	127B1	151B8	156F6	156C3	174F3	157F6	42
41	72G1	62D1	77B1	91F1	90B8	109D1	100E6	112F8	127E3	127B1	151B8	142F3	156B3	170D6	157F6	41
40	72G1	d	77B1	a	90B8	109D1	d	112F8	a	127B1	151B8	d	156B3	a	157E6	40
34	86C6	c	77B1	71G1	90G6	122B3	c	112F8	108G1	126D8	166F1	c	156B3	151B3	157C6	34
33	86C6	68D1	64C6	71G1	90G6	122B3	105G1	102F4	108G1	126D8	166F1	148E3	144F1	151B3	157C6	33
32	86C6	b	64B6	71G1	90G6	122B3	b	102E4	108G1	126D8	166F1	b	144E1	151B3	157C6	32
31	86C6	a	64B6	71G1	90G6	122B3	a	102E4	108G1	126D8	166F1	a	144E1	151B3	157C6	31
30	86C6	90D6	64C6	71G1		122B3	126B8	102F4	108G1		166F1	157B6	144F1	151B3		30
24	86H3	90B6	64B6	92D8	c	122D1	126E6	102E4	129C3	c	166D1	157G3	144E1	172D4	c	24
23	86H3	90F3	82D6	92B8	b	122D1	126C6	118C1	129G1	b	166D1	157G3	162D1	172B4	b	23
22	86H3	90F3	59C6	92B8	a	122D1	126C6	98C6	129G1	a	166D1	157F3	139D6	172B4	a	22
21	86H3	90F3	59G4	92G6	60E1	122D1	126C6	98G4	129E1	99F1	166D1	157F3	139H3	172G1	140B3	21
20	86H3	90F3	75C6	92E6	79G3	122D1	126C6	111E8	129C1	115C4	166D1	157F3	154D3	172E1	158G6	20
14	91F8	78B6	70G1	92E6	64C3	128E1	114B6	107B4	129C1	102C1	171A3	151D8	172A8	172E1	143C8	14
13	91F8	78B6	70E1	92G1	64C3	128E1	114B6	107F1	128B6	102C1	171A3	151D8	172F6	171E6	143C8	13
12	91F8	78B6	b	92G1	64C3	128E1	114B6	b	128B6	102C1	171A3	151D8	b	171E6	143C8	12
11	91F8	78B6	a	92G1	64C3	128E1	114B6	a	128B6	102C1	171A3	151D8	a	171E6	143C8	11
10	91F8	78B6	78A1	92G1	64F1	128E1	114B6	113D8	128B6	101F8	171A3	151D8	156C1	171E6	143F6	10
04	91D8	78G3	74H3	92F1	64F1	128C1	114F4	110B8	128F3	101F8	171A3	151G6	153G6	171D6	143F6	04
03	91D8	78G3	74F3	69G1	64F1	128C1	114F4	110G6	106E1	101F8	171A3	151G6	153E6	149C6	143F6	03
02	91D8	78E3	74F3	69G1	64F1	128C1	114D4	110G6	106E1	101F8	171A3	151G6	153E6	149C6	143F6	02
01	91D8	78C3	74F3	69G1	64F1	128C1	114B4	110G6	106E1	101F8	171A3	151G6	153E6	149C6	143F6	01
00	91D8	78C3	74F3	69G1	64F1	128C1	114B4	110G6	106E1	101F8	171A3	151G6	153E6	149C6	143F6	00
COIL	18E4	18E4	18D4	18D4	18D4	18E4	18E4	18D4	18D4	18D4	18E4	18E4	18D4	18D4	18D4	COIL

NETWORK OPT

DESIG	LOC	CODE
V5(-)	18E4	180A
V6(-)	18E4	
V7(-)	18D4	
V8(-)	18D4	
V9(-)	18D4	

SEE NOTE 1

	V7(-)	V8(-)	V9(-)
a	LO 71D3, LN 76C3	LO 74D1, LN 89E6	LN,UO 69E3, LO 74G6
b	LO 82B8, LN 94F6		LN,UO 69D3, LO 74F8
c			LO 68C3, LN,UO 69B3

SEE NOTE 2

	V6(-)	V7(-)	V8(-)	V9(-)
a		LN 104G8, LO 108C3	LO 101B1, LN 125D6	LN 106E4, LO 111C1
b		LO 118F1, LN 131A6		LN 106D4, LO 111C3
c				LO 105F3, LN 106B3

SEE NOTE 3

	V7(-)	V8(-)	V9(-)
a	LO 159E1, LN 175F6	LN 169E1, LO 173F6	LO 145C3, LN 149B8
b	LO 159C6, LN 174F1		LO 145F6, LN 149F6
c			LO 144E3, LN 149E6

NOTES:

1.
a	LO 82F8, LN 95A6
b	NT 66F3, LN 94G3
c	~~NT 66F3~~, LN 94G1
d	NT 66F3, LN 84F1

2.
a	LO 118C3, LN 132F3
b	LO 103B8, LN 131C1
c	LO 103D8, LN,UI 119G3
d	LO 103D8, LN,UI 119E3

3.
a	LO 146E6, LN 176B3
b	LO 143D1, LN 176E3
c	LO 143E1, LN 163D3
d	LO 143G1, LN 163C3

APP FIG 155

RELAY	(FOR USE WITH TABLE 1A)					(FOR USE WITH TABLE 1B)					(FOR USE WITH TABLE 1E)					
DESIG	V10(-)	V11(-)	V12(-)	V13(-)	V14(-)	V10(-)	V11(-)	V12(-)	V13(-)	V14(-)	V10(-)	V11(-)	V12(-)	V13(-)	V14(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																OPTION
54		75D6	71A6				111F8	108B6				154E3	144E6			54
53	71D6	64D6	81F3			108C6	102G4	117D1			144F6	144F1	161D1			53
52	73B1	64D6	71E8	93D8		109B8	102G4	108E8	130D3		152G3	144F1	144D8	173B6		52
51	66C8	59G4		83D8		104F1	98H4		119G1		169F6	139G3		163E1		51
50	75E3	60E1	92E4	93B8		111G6	99F1	128G6	130B3		143D1	154G1	164G1	172D8		50
44	71C8	71F3	92C4	68C1	92D1	108C8	108F4	128E6	105F1	128E3	144C8	144D6	164F1	148D3	171B6	44
43	71A8	71E3	72A1		92D1	108A8	108E4	108F6		128E3	144B8	144C6	164E1		171B6	43
42	66F3	60C1	71E1		92D1	103D8	99D1	108D1		128E3	143F1	140F1	151F1		171B6	42
41	66F3	63C6	78C8	84D1	92D1	103D8	101F6	114F6		128E3	143E1	146D3	157F8	163B3	171B6	41
40	66F3	88H3	79C1	84D1	92D1	103B8	124B8	114E8		128E3	143D1	147G1	158B3	163B3	171B6	40
34	70F3	92G4		84C1	91F3	107B6	128A8			127C6	150C6	164B3		163B3	170B8	34
33	70F3	70B1		84B1	91F3	107B6	107C1			127C6	150C6	150E3		163B3	170B8	33
32	70F3	70B1		89C1	91F3	107B6	107C1		125E1	127C6	150C6	150E3		168E6	170B8	32
31	70F3	70B1		89C1	91F3	107B6	107C1		125E1	127C6	150C6	150D3		168E6	170B8	31
30	70F3	70B1		89C1	91F3	107B6	107C1		125E1	127C6	150C6	150D3		168E6	170B8	30
24	71D1	69G6	70G6	89C1	72F3	108C1	106F6	107B8	125E1	109C4	151E1	150D3	150C8	168E6	152C1	24
23	71D1	69F6	70F6	60G1	72F3	108C1	106E6	107H6	99G1	109C4	151E1	150C3	150B8	144B3	152C1	23
22	71D1	69D6	70F6	65G1	72F3	108C1	106D6	107H6	122D8	109C4	151E1	150C3	150B8	143C3	152C1	22
21	71D1	69D6	70F6	65G1	72F3	108C1	106D6	107H6	122D8	109C4	151E1	150C3	150B8	143B3	152C1	21
20	71D1	69D6	70F6	63C4	72F3	108C1	106D6	107H6	101B6	109C4	151E1	150C3	150B8	143B3	152C1	20
14	73F1	69D6	64A8	63A4	89A1	109D8	106D6	102E6	101G4	125C1	152C6	150C3	156F1	143H1	168D6	14
13	73F1	66C6	63D4	71E6	89A1	109D8	103G8	101C6	108E6	125C1	152C6	146B8	156E1	144G6	168D6	13
12	73E1	68B1	63C4	71G6	98C8	109D8	105E1	101B6	108F6	124C6	152C6	148B3	156C1	144H6	168C3	12
11	73F1	75F1	76E8	79F6	88G6	109D8	111C6	112D8	115G4	124G3	152C6	152D1	156E1	155C1	168C3	11
10	73F1	75F1	78C1	83D6	92A6	109D8	111C6	113F8	119A1	128C8	152C6	154C1	156D1	165D1	164C3	10
04	74C3	75F1	74B6		75B3	110E6	111C6	110C8		111E6	153C6	154C1	153B8		146A6	04
03	74C3	77A3	74B6	79G3	82F8	110E6	113G1	110C8	115C4	118C4	153C6	161G1	153B8	158F6	146E6	03
02	74C3	85B8	74B6	65D6	67G8	110E6	121C3	110C8	103D1	105D1	153C6	165D3	153B8	155C3	154D6	02
01	74C3	65F6	74B6	77B1	67F8	110E6	103F1	110C8	113E1	105C1	153C6	157D8	153B8	162A1	146B6	01
00	74C3	72G6	74B6	86C1	67F1	110E6	109B6	110C8	121A6	104B4	153C6	152A3	153B8	165G3	146F3	00
COIL	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	18C4	COIL

NETWORK OPT

DESIG	LOC	CODE
V10	18C4	180A
V11		
V12		
V13		
V14		

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C44

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

PRINTED IN U.S.A.

SD-25805-01-C44

APP FIG 156

RELAY	(FOR USE WITH TABLE 1A)				(FOR USE WITH TABLE 1B)				(FOR USE WITH TABLE 1E)				
DESIG	RTE	RTEA	RTO	RTOA	RTE	RTEA	RTO	RTOA	RTE	RTEA	RTO	RTOA	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION													OPTION
54	6006	9388	6006	9388	99F6	130C3	99F6	130C5	1418I	150C8	1418I	150C8	54
53	6006	h	6006	h	99F6	h	99F6	h	1418I	h	1418I	h	53
52	6006	6986	6006	6986	99F6	106B6	99F6	106B6	1418I	163C8	1418I	163C8	52
51	6006	g	6006	g	99F6	g	99F6	g	1418I	g	1418I	g	51
50	6006	f	6006	f	99F6	f	99F6	f	1418I	f	1418I	f	50
44	j	96B6	j	96B6	k	134F1	k	134F1	q	176G3	q	176G3	44
43	j	96A6	j	96A6	k	134F1	k	134F1	p	176F3	p	176F3	43
42	j	80E3	j	80E3	k	116E1	k	116E1	n	161B8	n	161B8	42
41	j	96D6	j	96D6	k	134E3	k	134E3	m	176D6	m	176D6	41
40	j	93C3	j	93C3	k	129A8	k	129A8	l	151C6	l	151C6	40
34	h		h		j		j		k		k		34
33	h	95A3	h	95A3	j	132C1	j	132C1	k	176F6	k	176F6	33
32	h		h		j		j		k		k		32
31	h	95C6	h	95C6	j	132B6	j	132B6	k	174D6	k	174D6	31
30	h	e	h	e	j	e	j	e	k	e	k	e	30
24	g	77D8	g	77D8	h	113A8	h	113A8	j	176C1	j	176C1	24
23	g	95F6	g	95F6	h	132A8	h	132A8	h		h		23
22	g	95E8	g	95E8	h	133E1	h	133E1	h	175B1	h	175B1	22
21	f	66A1	f	66A1	g	133B3	g	133B3	g	175B3	g	175B3	21
20	e	d	e	d	f	d	f	d	f	d	f	d	20
14	d	95C8	d	95C8	e	133B1	e	133B1	e	174E1	e	174E1	14
13	c	74D1	c	74D1	d	101C1	d	101C1	d	173F6	d	173F6	13
12	b	93E1	b	93E1	c	129B6	c	129B6	c	151H3	c	151H3	12
11	a	c	a	c	b	c	b	c	b	c	b	c	11
10	67G6	b	67G6	b	a	b	a	b	a	b	a	b	10
04	93A3	a	93A3	a	129F6	a	129F6	a	151B6	a	151B6	a	04
03	95D1	80D3	95D1	80D3	131D8	116D1	131D8	116D1	175C3	173C8	175C3	173C8	03
02		60D4		60D4		134B3		134B3		175E1		175E1	02
01	96G6	93F1	96G6	93F1	134B6	129D6	134B6	129D6	176F1	151B6	176F1	151B6	01
00		86F6		86F6		122F3		122F3		17388		17388	00
COIL	19A6	19B6	19E6	19F6	19A6	19B6	19E6	19F6	19A6	19B6	19E6	19F6	COIL
NETWORK	SEE NOTE 1	SEE NOTE 2	SEE NOTE 1	SEE NOTE 2	SEE NOTE 3	SEE NOTE 4	SEE NOTE 3	SEE NOTE 4	SEE NOTE 5	SEE NOTE 6	SEE NOTE 5	SEE NOTE 6	

OPT	DESIG	LOC	CODE
	RTE	19A6	180A
	RTEA	19B6	
	RTO	19E6	
	RTOA	19F6	

NOTES:

1.
	LQ	60B4
a	LP	67G6
b	LQ	60C6
	LP	67G6
c	LP	67G6
	LQ	70D6
d	LP	67G6
	LQ	65E6
e	LQ	64E3
	LP	67C3
f	LQ	66F6
	LP	67C3
g	LQ	60F4
	LP	67C3
h	LP	65C8
	LQ	91E3
j	LP	61E4
	LQ	92D1

2.
a	LP	94D6
	LQ	96F3
b	LP	59D8
	LQ	6788,C8
c	LQ	79D6
	LP	95A1
d	LP	59E8
	LQ	96B3
e	LP	59F8
	LQ	6G3
f	LQ	72A6
	LP	82F6
g	LQ	66B3
	LP	96B6
h	LQ	75F3
	LP	96G3

3.
a	LP	104D8
	LQ	104F8
b	LP	104D8
	LQ	99B4
c	LP	104D8
	LQ	99H4
d	LP	104D8
	LQ	107F6
e	LQ	103D1
	LP	104D8
f	LQ	102B4
	LP	104G4
g	LQ	104D1
	LP	104G4
h	LQ	102C6
	LP	104G4
j	LP	103D4
	LQ	12786
k	LP	100E1
	LQ	128D3

4.
a	LP	131C3
	LQ	133B8
b	LP	98E8
	LQ	104E8
c	LQ	115F4
	LP	131C8
d	LP	98F8
	LQ	133F6
e	LP	99C1
	LQ	6G3
f	LQ	109E4
	LP	133C8
g	LQ	103E6
	LP	134B3
h	LQ	111B8
	LP	134B1

5.
a	LP	148D1
	LQ	148E1
b	LQ	140C6
	LP	148D1
c	LQ	140D8
	LP	148D1
d	LP	148D1
	LQ	150G6
e	LQ	146C1
	LP	148D1
f	LQ	144B1
	LP	147F3
g	LQ	146E8
	LP	147F3
h	LP	147F3
	LQ	158F3
j	LG	140A8
	LP	147F3
k	LP	146A3
	LQ	171B6
l	LP	141D6
	LQ	148F3
m	LP	141D6
	LQ	148A6
n	LP	141D6
	LQ	148C6
p	LP	141D6
	LQ	14786
q	LP	141D6
	LQ	158F6

6.
a	LP	176C1
	LQ	176D3
b	LP	140B1
	LQ	148D1
c	LQ	158E8
	LP	176E6
d	LP	140C1
	LQ	174E6
e	LQ	6G3
	LP	140D1
f	LQ	146F3
	LP	176A6
g	LQ	163D8
	LP	174D3
h	LQ	140E8
	LP	175F1

7.
a	LK	106F4
	LM	111C1
b	LK	106D4
	LM	111C3
c	LM	105F3
	LK	106B3
d	LM	103D8
	LK,UI	119G3
e	LM	103D8
	LK,UI	119F3

APP FIG 157

RELAY		TCA					
DESIG							
CODE		U1392					
OPTION							
		CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP							
		7,8	M	a			
		5,6	M	b			
		3,4	M				
		1,2	M				
BOT		1,2,3	BM				
		4,5	M	c			
		6,7	M	d			
COIL				24B0			

a	81B1 116G6 160B6
b	80F8 116E6 160F3
c	80E8 116C6 160D3
d	72B8 109D6 152C3

APP FIG 158

RELAY	(FOR USE WITH TABLE 1)		(FOR USE WITH TABLE 1B)				
DESIG	V4(-)		V4(-)				DESIG
CODE	286B		286B				CODE
OPTION							OPTION
54			100D6				54
53			100D6				53
52			102D8				52
51			102D8				51
50			102D8				50
44			e				44
43			d				43
42	30C8		125G6				42
41	42C1		125D8				41
40							40
34			111G3				34
33			111F1				33
32			110E8				32
31	52E3		134D6				31
30	52E3		133D6				30
24			c				24
23			b				23
22			a				22
21	4886		99F1				21
20	4886		115C4				20
14	34F3		102C1				14
13	34F3		102C1				13
12	34F3		102C1				12
11	34F3		102C1				11
10	34D3		101F8				10
04	34D3		101F8				04
03	34D3		101F8				03
02	34D3		101F8				02
01	34D3		101F8				01
00	34D3		101F8				00
COIL	18A4		18A4				COIL
NETWORK			SEE NOTE 7				

OPT	DESIG	LOC	CODE
	V4(-)	18A4	180A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 65 | ISSUE 988

BELL LABORATORIES | SD-25805-01- | C45

E-7881 (4-70) PRINTED IN U.S.A.

APP FIG 159

RELAY

DESIG	LTP		LTPI		TTL		TTP		TTPI		TVPO		TVPI								DESIG
CODE	AF32		AF20		AF16		AF32		AF20		AF32		AF32								CODE
OPTION																					OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	EMB		EMB	1A/F7	M		EMB		EMB	1A/F8	EMB		EMB								12
11			M	8G6					M	8G6											11
10	EBM		EBM		M		EBM		EBM		EBM		EBM								10
9																					9
8	EBM		EBM		EBM	8A9	EBM		EBM		EBM		EBM								8
7					B	1F/B8															7
6	EMB	1A/H5	EMB		EBM		EMB	1A/H7	EMB		EMB	1A/H3	EMB	1A/H3							6
5																					5
4	EBM	1A/G7	EBM	4F8	EBM	4G8	EBM	1A/G8	EBM		LBM		EBM								4
3																					3
2	EBM	1A/G6	EBM		M		EBM	1A/G7	EBM	4F7	EBM	1A/G3	EBM	1A/G3							2
1			M	6C7	M	4F7			M	6C7											1
COIL		1A/H5		1A/G6		4E7		1A/H6		1A/G7		1A/H3		1A/H3							COIL

NETWORK

OPT	DESIG	LOC	CODE
	LTP	1A/G5	185A
	LTPI	1A/G7	

APP FIG 160

RELAY

DESIG	TVA(-)		TVAI(-)		TVB(-)		TVT(-)														DESIG
CODE	AF64		AF24		AF83		AF111														CODE
OPTION																					OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	EMB		M	6F4	M		EM														12
11	M	9C1	M	T1D2	M		M	9H1													11
10	M	29F/D5	M	2E5	M		M	6F4													10
9	BM		M	26H5	M		M	1A/A1													9
8	M	9E1	M	11F4	M	3E3	EBM														8
7	BM		M		M	2E5	B	13C8													7
6	EMB		M		M		EMB	881,B2													6
5	BM		M	27F7	M		M														5
4	M		M	27G1	M		EBM														4
3	BM	1388	M	28H1	M		M	11D1													3
2	M	2D2	M	28F7	M	18C6	M	2C7													2
1	M	3E3	M	28D7	M	18D6	M	9H1													1
COIL		1A/B1		9E1		1A/B1		881,B2													COIL

DRAWING ISSUE 750 CB

ISSUE 98B CB

MASTER TEST FRAME CONNECTOR CKT (2) SD-23805-01-C46

BELL TELEPHONE LABORATORIES INCORPORATED 65

APP FIG 161

RELAY	(FOR USE WITH TABLE I)					(FOR USE WITH TABLE IA)					(FOR USE WITH TABLE IB)						
DESIG	V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	V0(-)	V1(-)	V2(-)	V3(-)	V4(-)		DESIG
CODE	286P	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B		CODE
OPTION																	OPTION
54	36D6	35G3	39B6	48E6	39E1	67F6	66E3	72C3		71G1	104B8	103H6	109F1		108F1		54
53	36D6	49E3	39G3	34E8	39E1	67F6	85D1	72C3	65E3	71G1	104B8	120F3	109F1	102E8	108F1		53
52	36D6	57G3	39G3	51E8	39E1	67F6	85F6	72C3	89E1	71G1	104B8	121G1	109F1	125C1	108F1		52
51	36D6	52B3	39G3	57B6	39E1	67F6	85E4	72C3	62E1	71G1	104B8	120C8	109F1	100E6	108F1		51
50	36D6	55B6	39G3	45E8	39E1	67F6	92D8	72C3	82F6	71G1	104B8	129C3	109F1	133E8	108F1		50
44	36D1	55G3	39G3	46G6	55F1	67B3	92B8	72F1	95B1	92G1	104E3	129G1	109D1	131A8	128C6		44
43	36D1	55G3	39E3	42C3	55F1	67B3	92B8	72F1	77D1	92G1	104E3	129G1	109D1	113C1	128C6		43
42	36D1	55G3	39E3	52C6	55F1	67B3	92G6	72F1	89G8	92G1	104E3	129E1	109D1	126D1	128C6		42
41	36D1	55D3	39E3	48A1	55F1	67B3	92E6	72F1	83C1	92G1	104E3	129C1	109D1	118E4	128C6		41
40	36D1	55D3	39E3	38G1	55F1	67B3	92E6	72F1	69B8	92E0	104L3	129C1	109D1	106C8	128G3		40
34	35D1	37C8	50F6	38G1	57B3	65B8	69F1	86C6	69B8	75E8	103C4	106F1	122B3	106C8	112E1		34
33	35D1	37C8	50F6	38G1	45D1	65H6	69F1	86C6	69B8	68D1	103H1	106F1	122B3	106C8	105F1		33
32	35D1	37C8	50F6	38G1	35B6	65H6	69F1	86C6	69B8	84D8	103H1	106F1	122B3	106C8	104C1		32
31	35D1	37C8	50F6	38E1	51F6	65H6	69F1	86C6	69B8	94E3	103H1	106E1	122B3	106C8	131B1		31
30	35D1	45B3	50F6	52E3	47G6	65H6	90D6	86C6	96C8	70G1	103H1	126A8	122B3	134D6	110B4		30
24	32G6	45B3	50F6	53F3	52G6	61C4	90B5	86G3	96B3	70E1	100B1	125E6	122C1	133E6	107F1		24
23	32G6	45G1	50F6		56F1	61C4	90F3	86G3		89F1	100B1	126B6	122C1		131B3		23
22	32G6	45G1	50F6	45E3	55B8	61C4	90F3	86G3	90C8	76C8	100B1	126B6	122C1	127A1	112C8		22
21	32G6	45G1	50F6	45E3	33F3	61C4	90F3	86G3	90C8	95E3	100B1	126B6	128E1	127A1	132B3		21
20	32G6	45G1	50F6	45E3	47G8	61C4	90F3	86G3	90C8	76B3	100B1	126B6	122C1	127A1	112F4		20
14	32G1	38F8	55B1	44B1	30D8	60F6	71B1	91F8	78A6	59A4	99A6	108B1	128E1	114C6	98A4		14
13	32G1	53G8	55B1	44B1	30D6	60F6	90G6	91F8	78A6	59B1	99B6	124D8	128E1	114C6	98B1		13
12	32G1	53G8	55B1	44B1	44B3	60F6	90G6	91F8	78A6	78D8	99B6	126D8	128E1	114G6	114G6		12
11	32G1	53G8	55B1	43G8	44A6	60F6	90G6	91F8	78A6	79D3	99B6	126D8	128E1	114C6	115G1		11
10	32G1	53G8	55B1	43G8	52D8	60F6	90G6	91F8	78A6	90E1	99B6	126D8	128C1	114C6	126G1		10
04	31C6	38G3	55B1	43G8	42D8	59C8	70E3	91D8	78F3	77D3	99A8	107F4	128C1	114G4	113A4		04
03	31C6	38G3	55B1	43G8	33C3	59C8	70E3	91D8	78F3	95C6	99A8	107F4	128C1	114G4	132D6		03
02	31C6	38G3	55B1	43F8	53C6	59C8	70E3	91D8	78E3	90D3	99A8	107F4	128C1	114E4	126G3		02
01	31C6	38G3	55B1	43D8	52D8	59C8	70E3	91D8	78C3	72E8	99A8	107F4	128C1	114C4	109G6		01
00	31C6	38G3	55B1	43D8	56D8	59C8	70E3	91D8	78C3	70B8	99A8	107F4	128C1	114G4	107D8		00
COIL	18D8	18D8	18D8	18C8	18C8	18D8	18D8	18D8	18C8	18C8	140B	160B	180B	18C8	18C8		COIL

APP FIG 162

RELAY	(FOR USE WITH TABLE ID)					(FOR USE WITH TABLE IE)							
DESIG	V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	V0(-)	V1(-)	V2(-)	V3(-)	V4(-)			DESIG
CODE	286P	286B	286B	286B	286B	286B	286B	286B	286B	286B			CODE
OPTION													OPTION
54	135B8		136C1		136F8	148B1	146F6	151F8		151B3			54
53	135B8	136B8	136C1		136F8	148B1	164C6	151F8	145G3	151B3			53
52	135B8	137D6	136C1		136F8	148B1	141B3	151F8	168F6	151B3			52
51	135B8	137D1	136C1	137E6	136F8	148B1	164D8	151F8	142F3	151B3			51
50	135B8	137G3	136C1	136B6	136F8	148B1	172D4	151F8	176B6	151B3			50
44	135G6	137E3	136C1	136D6	137E3	147E3	172C4	151B8	176E6	171E6			44
43	135G6	137E3	136C1		137E3	147E3	172C4	151B8	156C3	171E6			43
42	135G6	137E3	136C1		137E3	147E3	172H1	151B8	169G3	171C6			42
41	135G6	137E3	136C1	136H5	137E3	147E3	172F1	151B8	162G3	171E6			41
40	135G6	137E3	136C1	135D8	137E3	147E3	172F1	151B8	150F1	171D6			40
34	135F6		136F8	135D8	137C6	146F1	149C6	166F1	150E1	164C3			34
33	135E6		136F8	135D8		146E1	149C6	166F1	150E1	148D3			33
32	135E6		136F8	135D8	135E6	146C1	149C6	166F1	150E1	176B8			32
31	135E6		136F8	135D8		146E1	149C6	166F1	150F1	174E3			31
30	135E6		136F8		136A8	146E1	157B6	166F1	172A8	172B8			30
24	135E3	136E3	136F8		137G1	141C6	157G3	166C1	174F6	172F6			24
23	135E3	136E3	136F8		137B6	141C6	157G3	166C1		156F6			23
22	135E3	136E3	136F8		137A6	141C6	157F3	166C1	157F6	173A6			22
21	135E3	136E3	136F8			141C6	157F3	166C1	157F6	175H8			21
20	135E3	136E3	136F8		136G6	141C6	157F3	166C1	157E6	155C1			20
14	135D3	136B1	137D3	137C1	135B3	140G8	151D1	171B3	151D6	139B3			14
13	135D3		137D3	137C1		140G8	157C6	171B3	151D8	139C1			13
12	135D3		137D3	137C1		140G8	157C6	171B3	151D8	158B1			12
11	135D3		137D3	137C1	136C3	140G8	157C6	171B3	151D8	158C6			11
10	135D3		137D3	137C1		140G8	157C6	171B3	151D8	169E6			10
04	135C3	135E8	137D3	137C1			150B6	171B3	151D6	156C6			04
03	135C3	135E8	137D3	137C1	135A6		150B6	171B3	151D6	176G3			03
02	135C3	135E8	137D3	137C1	137B3		150B6	171B3	151D6	169E8			02
01	135C3	135E8	137D3	137C1	137H1		150B6	171B3	151D6	152E3			01
00	135C3	135E8	137D3	137C1	137C6		150B6	171B3	151D6	155C8			00
COIL	180B	180B	180B	180B	180B	180B	180B	180B	180B	180B			COIL

RELAY						
DESIG	RT		RTI			
CODE	AF57		AF57			
OPTION						
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	M		M	14H7		
11						
10	M	13D6	M	136G		
9						
8	EBM	13D6	EBM	136G		
7						
6	EBM	13D6	EBM	136G		
5						
4	M	13A6	M	138G		
3						
2	M	138G	M	138G		
1						
COIL		120J		125J		

NETWORK

OPT	DESIG	LOC	CODE
	V0(-)	180B	180A
	V1(-)	180B	
	V2(-)	180B	
	V3(-)	18C8	
	V4(-)	18C8	

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C47

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C47

APP FIG 163

RELAY DESIG	(FOR USE WITH TABLE 1A) D0(-)	D1(-)	D2(-)	(FOR USE WITH TABLE 1B) D0(-)	D1(-)	D2(-)	(FOR USE WITH TABLE 1E) D0(-)	D1(-)	D2(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION			TP			TP			TP	OPTION
54	78B1	78D1		113F8	113G8		157F1	157G1	155C3	54
53		72C1			109A1		147C8		169E3	53
52		67C6			104F6				159D8	52
51	94F1			130F6			174F1		146A8	51
50	94D1	66E6		130E6	104B1		174C1	146D8	168H1	50
44	61C6	84E6		100A4	120C1		141G8		165C1	44
43	61C6	82B6		100A4	118A1		141F8		163E1	43
42	61C6	66E6		100A4	104B1		141D8	146D8	163B1	42
41	61B6	66D6		100A4	104B1		141C8	146C8	163B1	41
40	61B6	66D6		100A4	104A1		141B8	146C8	163B1	40
34		72F8			109G6		161C1		148D6	34
33							160G3		151D6	33
32	61B8	61E8		100F4	100B6		156E1	142F1	144A3	32
31	61B8	61D1		100F4	99D8		156E1	141F3	140E3	31
30	61B8	60F8		100F4	99A8		156E1	141C3	140E3	30
24	61B8	76C1	72D1	100F4	112H1	109B1	156D1	154C8	140D3	24
23	87C3	89D3	64E6	123E1	125D3	102C6	166B8	168C8	140D3	23
22	87C3	80A6	88B6	123E1	116G1	124D8	166B8		168G3	22
21	87B3	80H3	88A6	123D1	116G1	124C8	166G6		168F3	21
20	87B3	79B6	86E1	123D1	115D4	121D6	166G6		165A5	20
14	61F8	59E4	61C8	100B6	98F4	100G4	142G1	139D3	147A8	14
13	61F6	59F4	61A8	130D4	98F4	100F4	156B1	139E3	147G6	13
12	60D8	75E3	61A8	99H6	111G6	100F4	141A3	154A3	147G6	12
11	59E4	88D1	61A8	98E4	124B1	100F4	139D3	167D6	147G6	11
10	59B6	79C6	61B8	98B6	115E4	100F4	139C6	158E8	147G6	10
04	67B6		61G8	104E6	117C1	100D4	147D8		147D6	04
03	67C6	75E3	61E6	104E6	111H6	100C4	147D8	154B3	147D6	03
02	61F6	76D1	61E6	100D4	112H1	100C4	156B1	154C8	147D6	02
01	61F6	89E3	61E6	100D4	125D3	100C4	156B1	168D8	147C6	01
00	61F6	88D1	61E6	100D4	124C1	100C4	156B1	167D6	147C6	00
COIL	16B/A3	16B/A3	16B/B3	16B/A3	16B/A3	16B/B3	16B/A3	16B/A3	16B/B3	COIL

NETWORK

OPT	DESIG	LOC	CODE
	D0	16B/A3	180A
	D1	16B/A3	
TP	D2	16B/B3	

APP FIG 164

RELAY DESIG	(FOR USE WITH TABLE 1A) E0(-)	E1(-)	E2(-)	(FOR USE WITH TABLE 1B) E0(-)	E1(-)	E2(-)	(FOR USE WITH TABLE 1E) E0(-)	E1(-)	E2(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION		TA	SL		TA	SL		TA	SL	OPTION
54	60A8	72E4	67D1		109B4		141D1	151C8	147G1	54
53	75B6	72E4	66C1	111D8	109B4		154C3	151C8	146D3	53
52	76F1	72E4	60E4	112B4	109B4		154E8	151C8	140F6	52
51	91B1	72E4	75G6	127F1	109B4		155F1	151C8	154G3	51
50	72G6	72E4	75A8	109C6	109B4		155A3	151C8	154H3	50
44	95D3	72B3	76C3	132F1	109F1		175D3	151F6	155B3	44
43	60B8	72B3	94E8		109F1		141D1	151F6	175B1	43
42	65E8	72B3	95F1		109F1		146C3	151F6	175B3	42
41	74E3	72B3	94A8	110F6	109F1		153D6	151F6	174D8	41
40		72B3	94B8		109F1			151F6	174E8	40
34		86E6	82G6		122D3			166E1	162F1	34
33		86E6	89F1		122D3			166E1	168H6	33
32		86E6	84C8		122D3			166E1	164F3	32
31		86E6	89D3		122D3			166E1		31
30		86E6			122D3			166E1		30
24		86B6			122G1			166C1		24
23	76D3	86B6	67A1	112G4	122G1		155D3	166C1	147D1	23
22	76D3	86B6	67B1	112F4	122G1		155D3	166C1	147E1	22
21	66B6	86B6	82F3	103F8	122G1		146H6	166C1	161E8	21
20	66C1	86B6	82E3	103E4	122G1		146E3	166C1		20
14	91B3	87A6	67B1	127F3	123D3		170F6	167D1	147E1	14
13	87G3	74B6	91G1	123B3	110D8		167B1	153C8	139G6	13
12	87G3	87B6		123B3	123D3		167B1	167D1		12
11	87F3	72G6		123A3	109C6		167A1	155B3		11
10	87F3	74C6		123A3	110E8		167A1			10
04	82G6	63E1		118D1	101D4		162F1	142F8		04
03	80G6	63E1		116E4	101E4		160F1	143A1		03
02	65D3	63C1		113C4	101C3		145F3			02
01	75C3			111E6			154F1			01
00	81D3			117A1			160F8			00
COIL	16B/C3	16B/D3	16B/D3	16B/C3	16B/D3	16B/D3	16B/C3	16B/D3	16B/D3	COIL

NETWORK

OPT	DESIG	LOC	CODE
	E0	16B/C3	180A
TA	E1	16B/D3	
SL	E2	16B/D3	

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C48

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C48

APP FIG 165

RELAY																	
DESIG	XSC																
CODE	U422																
OPTION																	
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP																		
	1,2,3	BM																
	1,2	M	25G3															
BOT																		
COIL			25G7															

APP FIG 166

RELAY	MTD/W (RF)		MTD/W (SEF)		MTD/W (HNi,3,5,7,9)		MTD/W (HNO,2,4,6,8)		MTD/W (JCI,3,5,7,9)		MTD/W (JCO,2,4,6,8)		MTRA JM		MTD/W (EF)		MTD/W (EXB)		MTD/W (TI,3,5,7,9)		DESIG
DESIG	EF		EXB		HNO,2,4,6,8		HNI,3,5,7,9		JCO,2,4,6,8		JCI,3,5,7,9		AF24		RF		SEF		TO,2,4,6,8		CODE
CODE	1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20				1/2 AK20		1/2 AK20		1/2 AK20		OPTION
OPTION																					
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12							M				M		M	25G7	M		M				12
11							M				M		M	25E7	M		M				11
10							M	25B3			M	25D3	M	25D7	M	25F3	M	25E3			10
9													M	25D7							9
8													M	25D7							8
7													M	25D7							7
6													M	25D7							6
5													M	25D7							5
4													M	25D7							4
3	EBM		EBM		EBM				EBM				M	25D7					EBM		3
2	EBM		EBM	25F1	EBM				EBM				M	25D7					EBM		2
1	M	25F3	M	25E1	M	25B3			M	25D3			M	25D7					M	25B3	1
COIL		25E6						25A6		25D6		25D6		25A0		25F6		25B0		25B6	COIL

RELAY	MTD/W (TO,2,4,6,8)		MTD/W (UI,3,5,7,9)		MTD/W (UO,2,4,6,8)		MTD/W SPARE		DESIG
DESIG	TI,3,5,7,9		UO,2,4,6,8		UI,3,5,7,9		XSC		CODE
CODE	1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20		OPTION
OPTION									
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	M				M		M		12
11	M				M		M		11
10	M	25B3			M	25C3	M	25G3	10
9									9
8									8
7									7
6									6
5									5
4									4
3			EBM						3
2			EBM						2
1			M	25C3					1
COIL		25B6		25C6		25C6		25H7	COIL

APP FIG 167

RELAY	FSP			TTR			TTRI											
DESIG	FSP			TTR			TTRI											
CODE	U168			U168			U73											
OPTION	TX																	
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP																		
							8,9	M	7G7									
							6,7	M										
	4,5	M		4,5	M	1E/E5	4,5	M										
	1,2,3	BM	1E/F4	1,2,3	BM	1E/F5	1,2,3	MB	1E/A5									
BOT	1,2,3	MB	1E/H4	1,2,3	MB	1E/H5	1,2,3	BM	4F4									
							4,5	M										
							6,7	M	6E7									
							8,9	M										
COIL			1E/G4			1E/G5			1E/E5									

APP FIG 168

RELAY	TVPO		TVPI																
DESIG	TVPO		TVPI																
CODE	AF32		AF32																
OPTION																			
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	EMB		EMB																12
11																			11
10	EBM		EBM																10
9																			9
8	EBM		EBM																8
7																			7
6	EMB	1A/G1	EMB	1A/G0															6
5																			5
4	EMB	1B/G0	EMB	1B/G0															4
3																			3
2	EMB	1A/E1	EMB	1A/E0															2
1																			1
COIL		1A/E0		1A/E0															COIL

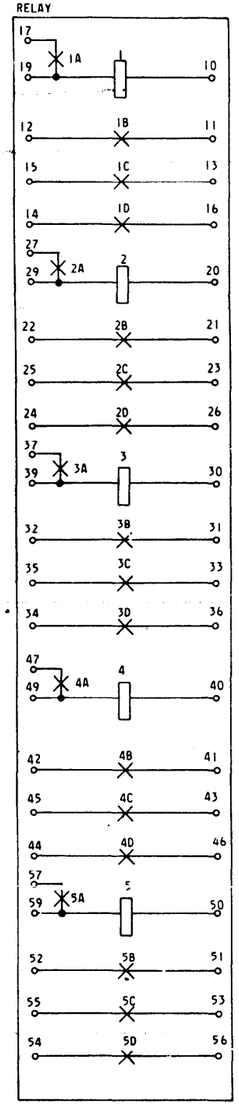
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 9BB

BELL LABORATORIES | SD-25805-01- | C49

SD-25805-01-C49

RELAY



APP FIG 169

DESIG			OSG0	OSG1	OSG2	OSG3	OSG4	OSG5	OSG6	OSG7	OSG8	OSG9	VGT0	VGT1	VGT2	VGT3	VGT4	VGT5	VGT6	VGT7	VGT8	VGT9	VGT10	VGT11		OSG10	OSG11							DESIG
CODE			318B					318B					318C																					CODE
OPTION																																		OPTION
COIL	POS		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	3	4							POS
	LOC		29A/A1	29A/B1	29A/B1	29A/C1	29A/C1	29A/D1	29A/D1	29A/D1	29A/D1	29A/D1	29A/	29A/C6	29A/C6	29A/C6	29A/C6	29A/C6	29A/C6	29A/C6	29A/C6	29A/C6	29A/A6	29A/B6		29A/G1	29A/H1							LOC
CONT POS	A	LOC																																A LOC
	B	LOC	29A/A3	29A/B3	29A/B3	29A/C3	29A/C3	29A/D3	29A/E3	29A/E3	29A/F3	29A/G3	29A/	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/A7	29A/B7		29A/G3	29A/H3							B LOC
	C	LOC	29A/A3	29A/B3	29A/B3	29A/C3	29A/C3	29A/D3	29A/E3	29A/E3	29A/F3	29A/G3	29A/	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/A7	29A/B7		29A/G3	29A/H3							C LOC
	D	LOC	29A/A3	29A/B3	29A/B3	29A/C3	29A/C3	29A/D3	29A/E3	29A/E3	29A/F3	29A/F3	29A/	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/C8	29A/A6	29A/B6		29A/G1	29A/H1							D LOC

APP FIG 170

DESIG			S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14																DESIG
CODE			318B					318B					318B																				CODE
OPTION																																	OPTION
COIL	POS		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5																POS
	LOC		29B/A2	29B/A2	29B/A2	29B/A2	29B/A2	29B/B2	29B/B2	29B/B2	29B/B2	29B/B2	29B/C2	29B/C2	29B/C2	29B/C2	29B/C2																	LOC
CONT POS	A	LOC																															A LOC
	B	LOC	29B/A2	29B/A2	29B/A2	29B/A2	29B/A2	29B/B2	29B/B2	29B/B2	29B/B2	29B/B2	29B/C2	29B/C2	29B/C2	29B/C2	29B/C2																	B LOC
	C	LOC	29B/A2	29B/A2	29B/A2	29B/A2	29B/A2	29B/B2	29B/B2	29B/B2	29B/B2	29B/B2	29B/C2	29B/C2	29B/C2	29B/C2	29B/C2																	C LOC
	D	LOC	29B/A2	29B/A2	29B/A2	29B/A2	29B/A2	29B/B2	29B/B2	29B/B2	29B/B2	29B/B2	29B/C2	29B/C2	29B/C2	29B/C2	29B/C2																	D LOC

APP FIG 171

DESIG			G0	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	G18	G19	TG0	TG1	TG2	TG3	TG4	TG5	TG6	TG7	TG8	TG9	DESIG
CODE			318B					318B					318B					318B					318B					318B					CODE
OPTION																																	OPTION
COIL	POS		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS
	LOC		29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	LOC
CONT POS	A	LOC																															A LOC
	B	LOC	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	B LOC
	C	LOC	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	C LOC
	D	LOC	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	D LOC

DESIG			TG10	TG11	TG12	TG13	TG14	TG15	TG16	TG17	TG18	TG19	TS0	TS1	TS2	TS3	TS4	TS5	TS6	TS7	TS8	TS9	TS10	TS11	TS12	TS13	TS14	TS15	TS16	TS17	TS18	TS19	DESIG
CODE			318B					318B					318B					318B					318B					318B					CODE
OPTION																																	OPTION
COIL	POS		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS
	LOC		29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	LOC
CONT POS	A	LOC																															A LOC
	B	LOC	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	B LOC
	C	LOC	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	C LOC
	D	LOC	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	29B/D2	29B/D2	29B/D2	29B/D2	29B/D2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/E2	29B/F2	29B/F2	29B/F2	29B/F2	29B/F2	D LOC

APP FIG 172

DESIG			FS0	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12	FS13	FS14	FS15	FS16	FS17	FS18	FS19	FS20	FS21	FS22	FS23	FS24	FS25	FS26	FS27	FS28	FS29	DESIG
CODE			318B					318B					318B					318B					318B					318B					CODE
OPTION																																	OPTION
COIL	POS		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS
	LOC		29B/C6	29B/C6	29B/C6	29B/C6	29B/C6	29B/C6	29B/C6	29B/C6	29B/C6	29B/C6	29B/D6	29B/D6	29B/D6	29B/D6	29B/D6	29B/D6	29B/D6	29B/D6	29B/D6	29B/D6	29B/E6	29B/E6	29B/E6	29B/E6	29B/E6	29B/E6	29B/E6	29B/E6	29B/E6	29B/E6	LOC
CONT POS	A	LOC																															A LOC
	B	LOC	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	B LOC
	C	LOC	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	C LOC
	D	LOC	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/C7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/D7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	29B/E7	D LOC

DRAWING ISSUE 75D

ISSUE 98B

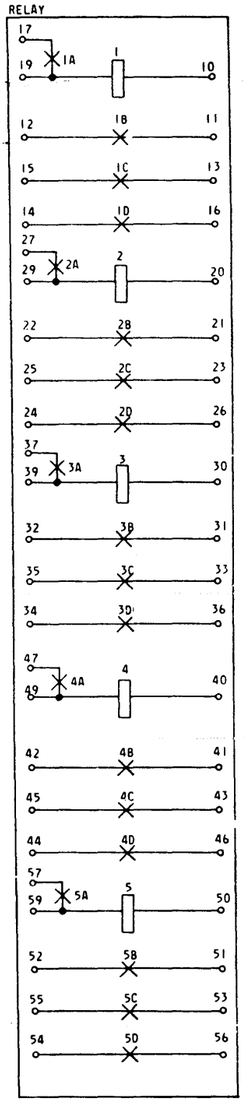
MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C50

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-C50



APP FIG 173

DESIG		CN-RG0	CN-RG1	CN-RG2	CN-RG3	CN-RG4	CN-RG5	CN-RG6	CN-RG7	CN-RG8	CN-RG9	CN-RG10	CN-RG11	CN-RG12	CN-RG13	CN-RG14	CN-RG15	CN-RG16	CN-RG17	CN-RG18	CN-RG19	RG20	RG21	RG22	RG23	RST24	RST25	RST26	RST27	RST28	RST29	DESIG	
CODE		318B																													CODE	
OPTION																									NJ	NJ	NJ	NJ	NJ	NJ	OPTION	
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS	COIL
	LOC	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/D2	29C/E2	29C/E2	29C/F2	29C/D2	29C/E2	29C/E2	29C/E2	29C/E2	29C/E2	LOC	
CONT POS	A LOC																														A LOC	CONT POS
	B LOC	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/D2	29C/E2	29C/F2	29C/F2	29C/D2	29C/E2	29C/E2	29C/E2	29C/E2	29C/E2	B LOC	
	C LOC	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/D2	29C/E2	29C/F2	29C/F2	29C/D2	29C/E2	29C/E2	29C/E2	29C/E2	29C/E2	C LOC	
	D LOC	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/B2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/C2	29C/D2	29C/E2	29C/F2	29C/F2	29C/D2	29C/E2	29C/E2	29C/E2	29C/E2	29C/E2	D LOC	

(SQ) PART OF APP FIG 174

DESIG		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	CS9	CS10	CS11	CS12	CS13	CS14	CS15	CS16	CS17	CS18	CS19	CS20	CS21	CS22	CS23	CS24	CS25	CS26	CS27	CS28	CS29	DESIG	
CODE		318B																														CODE	
OPTION																																OPTION	
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS	COIL
	LOC	29D/B5	29D/B5	29D/B5	29D/B5	29D/B5	29D/D5	29D/D5	29D/D5	29D/D5	29D/D5	29D/F5	29D/F5	29D/F5	29D/F5	29D/F5	29D/F5	29D/F5	29D/F5	29D/F5	29D/F5	29D/G5	29D/G5	29D/G5	29D/G5	29D/G5	29D/G5	29D/G5	29D/G5	29D/G5	29D/G5	LOC	
CONT POS	A LOC																															A LOC	CONT POS
	B LOC																															B LOC	
	C LOC	29D/B6	29D/B6	29D/B6	29D/C6	29D/C6	29D/D6	29D/D6	29D/E6	29D/E6	29D/E6	29D/F6	29D/F6	29D/F6	29D/F6	29D/F6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	C LOC	
	D LOC	29D/B6	29D/B6	29D/B6	29D/C6	29D/C6	29D/D6	29D/D6	29D/E6	29D/E6	29D/E6	29D/F6	29D/F6	29D/F6	29D/F6	29D/F6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	29D/G6	D LOC	

(SR) PART OF APP FIG 174

DESIG		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	CS9	CS10	CS11	CS12	CS13	CS14	CS15	CS16	CS17	CS18	CS19	CS20	CS21	CS22	CS23	CS24	CS25	CS26	CS27	CS28	CS29	DESIG	
CODE		318B																														CODE	
OPTION																																OPTION	
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS	COIL
	LOC	29D/B1	29D/B1	29D/B1	29D/B1	29D/B1	29D/C1	29D/C1	29D/C1	29D/C1	29D/C1	29D/C1	29D/C1	29D/C1	29D/C1	29D/C1	29D/D1	29D/D1	29D/D1	29D/D1	29D/D1	29D/D1	29D/D1	29D/D1	29D/D1	29D/D1	29D/E1	29D/E1	29D/E1	29D/E1	29D/E1	LOC	
CONT POS	A LOC																															A LOC	CONT POS
	B LOC	29D/B2	29D/B2	29D/B2	29D/B2	29D/B2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/E2	29D/E2	29D/E2	29D/E2	29D/E2	B LOC	
	C LOC	29D/B2	29D/B2	29D/B2	29D/B2	29D/B2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/E2	29D/E2	29D/E2	29D/E2	29D/E2	C LOC	
	D LOC	29D/B2	29D/B2	29D/B2	29D/B2	29D/B2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/C2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/D2	29D/E2	29D/E2	29D/E2	29D/E2	29D/E2	D LOC	

DRAWING ISSUE 75D

ISSUE 98B

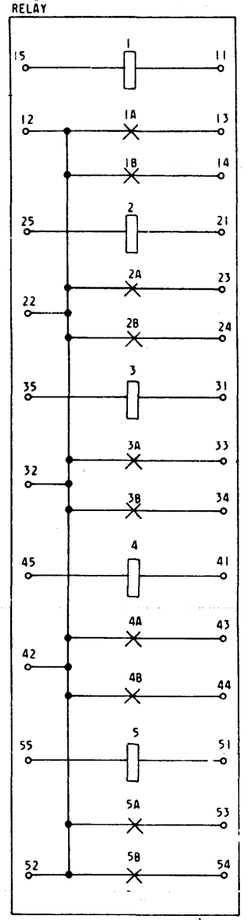
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C51

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PRINTED IN U.S.A.

APP FIG 175

RELAY



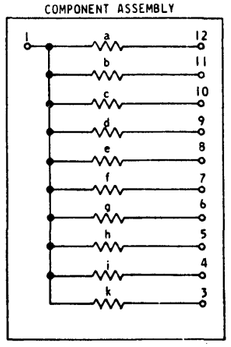
DESIG		TOR0	TOR1	TOR2	TOR3	TOR4	TOR5	TOR6	TOR7	TOR8	TOR9
CODE				293C					293C		
OPTION											
COIL	POS	1	2	3	4	5	1	2	3	4	5
	LOC	29F/A3	29F/B3	29F/B3	29F/C3	29F/C3	29F/D4	29F/E4	29F/E4	29F/F4	29F/F4
CONT POS	A LOC	29F/A5	29F/B5	29F/B5	29F/C5	29F/C5	29E/C5	29F/F5	29F/F5	29F/G5	29F/G5
	B LOC	29F/A5	29F/B5	29F/B5	29F/C5	29F/C5	29F/E5	29F/F5	29F/F5	29F/G5	29F/G5
	C LOC										
	D LOC										

APP FIG 177

DESIG		HN0	HN1	HN2	HN3	HN4	HN5	HN6	HN7	HN8	HN9	NGCU0	NGCU1	NGCU2	NGCU3	NGCU4	NGCU5	NGCU6	NGCU7	NGCU8	NGCU9	T0	T1	T2	T3	T4	T5	T6	T7	T8	T9
CODE				293C					293C					293C					293C						293C					293C		
OPTION																															
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
	LOC	29E/B6	29E/B6	29E/B6	29E/B6	29E/B6	29E/C6	29E/C6	29E/C6	29E/C6	29E/C6	29E/B6	29E/B6	29E/B6	29E/B6	29E/B6	29E/C6	29E/C6	29E/C6	29E/C6	29E/C6	29E/B6	29E/B6	29E/B6	29E/B6	29E/B6	29E/C6	29E/C6	29E/C6	29E/C6	29E/C6
CONT POS	A LOC	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7
	B LOC	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7
	C LOC																														
	D LOC																														

DESIG		U0	U1	U2	U3	U4	U5	U6	U7	U8	U9	UA0	UA1	UA2	UA3	UA4	UA5	UA6	UA7	UA8	UA9
CODE				293C					293C					293C					293C		
OPTION																					
COIL	POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
	LOC	29E/B6	29E/B6	29E/B6	29E/B6	29E/B6	29E/C6	29E/C6	29E/C6	29E/C6	29E/C6	29E/B6	29E/B6	29E/B6	29E/B6	29E/B6	29E/C6	29E/C6	29E/C6	29E/C6	29E/C6
CONT POS	A LOC	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7
	B LOC	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7	29E/B7	29E/B7	29E/B7	29E/B7	29E/B7	29E/C7	29E/C7	29E/C7	29E/C7	29E/C7
	C LOC																				
	D LOC																				

COMPONENT ASSEMBLY



DESIG		* HN,NGCU,T,U,UA	
CODE		[5] ED-27607-33	
OPTION			
COMP.	CODE	DESIG	LOC
RESISTORS a	KS-19152,L1 1kΩ	* - 9	29E/F2
b		8	29E/F2
c		7	29E/E2
d		6	29E/E2
e		5	29E/E2
f		4	29E/D2
g		3	29E/C2
h		2	29E/C2
i		1	29E/B2
k		0	29E/B2

APP FIG 176

RELAY

	(FOR USE WITH TABLE 1)						(FOR USE WITH TABLE 1B)											
DESIG	T8(-)						T8(-)											
CODE	U828						U828											
OPTION																		
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	9,10	M					9,10	M										
	7,8	M					7,8	M										
	5,6	M					5,6	M										
	3,4	M					3,4	M										
	1,2	M	42F6				1,2	M	113G1									
BOT	1,2	M	48D8				1,2	M	120D1									
	3,4	M	48D8				3,4	M	120E1									
	5,6	M	48E8				5,6	M	120E1									
	7,8	M	48F8				7,8	M	120F1									
COIL			17A9						17A9									

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-C52

BELL TELEPHONE LABORATORIES INCORPORATED

6S

APP FIG 178

RELAY (FOR USE WITH TABLE IE ONLY)

DESIG	FO(-)	FI(-)															DESIG
CODE	2868	2868															CODE
OPTION	RM	RM															OPTION
54	155E1	158D8															54
53	155E1	160B8															53
52	155E1	171B3															52
51	140D3	155F1															51
50	140C3	166B3															50
44	140C3	165F6															44
43		165F6															43
42		165F6															42
41		165F6															41
40		165F6															40
34		165F6															34
33	142D1																33
32	142D1	165G6															32
31	142C1																31
30	142C1	158D1															30
24	142C1	158E1															24
23	142C1	145A1															23
22	142C1	160C8															22
21		155A1															21
20		155B1															20
14	142F1	158E1															14
13	142F1	165E6															13
12	142F1	165D8															12
11	142E1	165D8															11
10	142E1	165D8															10
04		165D8															04
03		165D8															03
02		161D1															02
01		161B1															01
00		161C1															00
COIL	168/E3	168/E3															COIL

NETWORK

OPT	DESIG	LOC	CODE
RM	FO(-)	168/E3	180A
RM	FI(-)	168/E3	

RELAY

DESIG																	DESIG
CODE																	CODE
OPTION																	OPTION
54																	54
53																	53
52																	52
51																	51
50																	50
44																	44
43																	43
42																	42
41																	41
40																	40
34																	34
33																	33
32																	32
31																	31
30																	30
24																	24
23																	23
22																	22
21																	21
20																	20
14																	14
13																	13
12																	12
11																	11
10																	10
04																	04
03																	03
02																	02
01																	01
00																	00
COIL																	COIL

DRAWING ISSUE 750

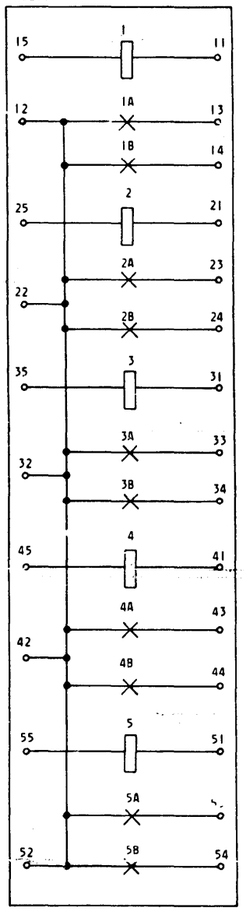
ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C53

BELL TELEPHONE LABORATORIES INCORPORATED 6S

APP FIG 179

RELAY



DESIG	CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	DR0	DR1	DR2	DR3	DR4	DR5	DR6	DR7	DR8	DR9	DRA0	DRA1	DRA2	DRA3	DRA4	DRA5	DRA6	DRA7	DRA8	DRA9	DESIG
CODE	293C					293C					293C					293C					293C					293C					CODE
OPTION																															OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS COIL
COIL LOC	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	LOC
CONT POS A LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	A LOC
CONT POS B LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	B LOC CONT POS
CONT POS C LOC																															C LOC
CONT POS D LOC																															D LOC

DESIG	FUT0	FUT1	FUT2	FUT3	FUT4	FUT5	FUT6	FUT7	FUT8	FUT9	HGT0	HGT1	HGT2	HGT3	HGT4	HGT5	HGT6	HGT7	HGT8	HGT9	LC0	LC1	LC2	LC3	LC4	LC5	LC6	LC7	LC8	LC9	DESIG
CODE	293C					293C					293C					293C					293C					293C					CODE
OPTION																															OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS COIL
COIL LOC	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	LOC
CONT POS A LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	A LOC
CONT POS B LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	B LOC CONT POS
CONT POS C LOC																															C LOC
CONT POS D LOC																															D LOC

DESIG	LV0	LV1	LV2	LV3	LV4	LV5	LV6	LV7	LV8	LV9	RN0	RN1	RN2	RN3	RN4	RN5	RN6	RN7	RN8	RN9	TB0	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	TB9	DESIG
CODE	293C					293C					293C					293C					293C					293C					CODE
OPTION																															OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS COIL
COIL LOC	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	LOC
CONT POS A LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	A LOC
CONT POS B LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	B LOC CONT POS
CONT POS C LOC																															C LOC
CONT POS D LOC																															D LOC

DESIG	WCH0	WCH1	WCH2	WCH3	WCH4	WCH5	WCH6	WCH7	WCH8	WCH9	WL0	WL1	WL2	WL3	WL4	WL5	WL6	WL7	WL8	WL9	FR0	FR1	FR2	FR3	FR4	FR5	FR6	FR7	FR8	FR9	DESIG
CODE	293C					293C					293C					293C					293C					293C					CODE
OPTION	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	PT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS COIL
COIL LOC	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/B1	29E/B1	29E/C1	29E/C1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	29E/D1	LOC
CONT POS A LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	A LOC
CONT POS B LOC	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	29E/B2	29E/B2	29E/C2	29E/C2	29E/D2	29E/E2	29E/E2	29E/F2	29E/F2	29E/F2	B LOC CONT POS
CONT POS C LOC																															C LOC
CONT POS D LOC																															D LOC

DESIG	DRB0	DRB1	DRB2	DRB3	DRB4	DRB5																									DESIG
CODE	293C					293C																									CODE
OPTION	NO	NO	NO	NO	NO	NO																									OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS COIL
COIL LOC	29E/B1	29E/B1	29E/B1	29E/B1	29E/B1	29E/D1																									LOC
CONT POS A LOC																															A LOC
CONT POS B LOC																															B LOC CONT POS

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C54

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C54

APP FIG 181 (MFR DISC.)

RELAY																	
DESIG	RTP0			RTP1													
CODE	U168			U168													
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																	
	4,5	M		4,5	M												
	1,2,3	BM	1E/F1	1,2,3	BM	1E/F1											
BOT	1,2,3	MB	1E/H1	1,2,3	MB	1E/H1											
COIL			1E/G1			1E/G1											

APP FIG 182

RELAY																	
DESIG	RMIS			RMS													
CODE	U65			U65													
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	14G0	11,12	M	14F0											
	9,10	M	14G0	9,10	M	14F0											
	7,8	M	13G1	7,8	M	13E1											
	5,6	M	14B7	5,6	M	14B7											
	3,4	M	14E7	3,4	M	14D7											
	1,2	M	14F7	1,2	M	14E7											
BOT	1,2	M	14C7	1,2	M	14C7											
	3,4	M	13G1	3,4	M	13E1											
	5,6	M	13G1	5,6	M	13E1											
	7,8	M	13G1	7,8	M	13E1											
	9,10	M	13G1	9,10	M	13E1											
	11,12	M	13G1	11,12	M	13E1											
COIL			12F6			12D6											

NETWORK

OPT	DESIG	LOC	CODE
	RM	12D6	186D

APP FIG 183

RELAY																	
DESIG	REP			REP1			REP2										
CODE	U168			U73			U135										
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																	
				8,9	M	7G5											
				6,7	M												
	4,5	M	1E/E3	4,5	M		4,5,6	BM	2B6								
	1,2,3	BM	1E/F2	1,2,3	MB	1E/B3	1,2,3	BM	1E/F2								
BOT	1,2,3	MB	1E/H2	1,2,3	BM	4F6	1,2,3	MB	1E/H2								
				4,5	M		4,5	M									
				6,7	M	6E7											
				8,9	M												
COIL			1E/G2			1E/E2			1E/G2								

NETWORK

OPT	DESIG	LOC	CODE
	REP	1E/G2	185A
	REP1	1E/E2	

APP FIG 184

RELAY																	
DESIG	SP4																
CODE																	
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																	
	1,2,3	BM	15G2														
BOT	1,2,3	MB	15G1														
COIL			15G2														

NETWORK

OPT	DESIG	LOC	CODE
	SP4	15G2	185A

APP FIG 185 (MFR DISC.)

RELAY																	
DESIG	RTSA			TTR2			TTR3										
CODE	U192			U168			U73										
OPTION																	
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																	
							8,9	M	7G8								
							6,7	M									
	4,5,6	BM	1E/F5	4,5	M	1E/E6	4,5	M									
	1,2,3	BM		1,2,3	BM	1E/F6	1,2,3	MB	1E/A6								
BOT	1,2,3	BM		1,2,3	MB	1E/H6	1,2,3	BM	4F4								
	4,5	M					4,5	M									
							6,7	M	6F7								
							8,9	M									
COIL			1E/J9			1F/G5			1E/E6								

APP FIG 186

RELAY																	
DESIG	SSP																
CODE	U168																
OPTION	0B																
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP																	
	4,5	M															
	1,2,3	BM	1E/F0														
BOT	1,2,3	MB	1E/H0														
COIL			1E/G0														

NTEWORK

OPT	DESIG	LOC	CODE
0B	SSP	1E/G0	185A

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MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C55

BELL TELEPHONE LABORATORIES INCORPORATED 6S

E-7422-8-2(8-64)

APP FIG 187

RELAY

DESIG	MKA(-)		MKT(-)		MPR(-)														DESIG
CODE	AF11		AF11		AF164														CODE
OPTION																			OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	M	27E1	M																12
11	M	27E7	M	11G1	M														11
10	M	27B1	M	11B1	M														10
9	M	27A7	M	6C4															9
8	EBM	28B1	EBM		EBM	1D/F5													8
7	B	13E3	B	13E3															7
6	EMB		EMB	7A5	EMB	1D/G5													6
5	M	10F1	M																5
4	EBM		EBM		M														4
3	M	3H1	M	1D/B5															3
2	M	2D7	M	2A7	M														2
1	M	3H5	M	2F7	M														1
COIL		1D/A3		7B4		1D/G4													COIL

RELAY

DESIG																			DESIG
CODE																			CODE
OPTION																			OPTION
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12																			12
11																			11
10																			10
9																			9
8																			8
7																			7
6																			6
5																			5
4																			4
3																			3
2																			2
1																			1
COIL																			COIL

RELAY

DESIG	MKB(-)		MKB1(-)							
CODE	AJ202		AJ202							
OPTION										
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
24	M		M							
23	M		M							
22	M		M							
21	M		M							
20	M		M							
19	M	10E1	M	10C6						
18	M	26H4	M	10D6						
17	M	26B/B1	M							
16	M		M							
15	M	16B/B2	M	16A/C7						
14	M	16B/C2	M	16A/C7						
13	M		M	16A/C7						
12	M	28G1	M	16A/E7						
11	M	11H7	M	16A/E7						
10	M	11E7	M	16B/F1						
9	M	10F7	M	16A/F4						
8	M	2C5	M	16A/F4						
7	M	3H2	M	16A/F4						
6	M	11D4	M	16A/F4						
5	M	10B1	M	16A/C2						
4	M	10C1	M	16A/C2						
3	M	10B6	M	16A/C2						
2	M	10B6	M	16A/C2						
1	M	11B6	M	16A/C2						
COIL		1D/A4		1D/A4						

NETWORK

OPT	DESIG	LOC	CODE
	MKA(-)	1D/A3	177C
	MKB(-)	1D/A4	
	MKT(-)	7B4	
	MPR(-)	1D/G4	

APP FIG 188

RELAY

DESIG	MKA2(-)		MKT1(-)		MPR(-)							
CODE	AF111		AF111		AF164							
OPTION												
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	EM		EM									
11	M	11E4	M	11G1	M							
10	M	2701	M	11C1	M							
9	M	27C7	M	6C4								
8	EBM		EBM		EBM	1D/F3,F4						
7	B	13F3	B	13G3								
6	EMB		EMB	7A2,A3	EMB	1D/G3						
5	M	10F1	M									
4	EBM		EBM		M							
3	M	3H2	M	1D/B3								
2	M	2D7	M	2B7	M							
1	M		M	2F7	M							
COIL		1D/A2		7B2,B3		1D/G2,G3						

NETWORK

OPT	DESIG	LOC	CODE
	MKA2(-)	1D/A2	185A
	MKB2(-)	1D/A2	
	MKT1(-)	7B2,B3	
	MPR(-)	1D/G2,G3	

RELAY

DESIG	MKB2					
CODE	AJ202					
OPTION						
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
24	M					
23	M					
22	M					
21	M					
20	M					
19	M					
18	M	26H4				
17	M	26B/C1				
16	M					
15	M					
14	M					
13	M	28E1				
12	M					
11	M					
10	M					
9	M	10F7				
8	M	2C5				
7	M	3H2				
6	M	17D3				
5	M	17C3				
4	M	17C3				
3	M	17B3				
2	M	17G3				
1	M	17B3				
COIL		1D/A2				

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MASTER TEST FRAME CONNECTOR CKT (2)

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BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-C56

APP FIG 189

RELAY						
DESIG	PPR3					
CODE	U168					
OPTION	OP					
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	IC/E4			
	1,2,3	BM	IC/F4			
	1,2,3	MB	IC/G4			
BOT						
COIL			IC/G4			

APP FIG 190

RELAY						
DESIG	~~PPR4~~					
CODE	U168					
OPTION	OP					
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	IC/E3			
	1,2,3	BM	IC/F3			
	1,2,3	MB	IC/H3			
BOT						
COIL			IC/G3			

APP FIG 191

RELAY						
DESIG	PPR5					
CODE	U168					
OPTION	OT					
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	IC/E2			
	1,2,3	BM	IC/F2			
	1,2,3	MB	IC/G2			
BOT						
COIL			IC/G2			

APP FIG 192

RELAY						
DESIG	PPR6					
CODE	U168					
OPTION	OT					
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	IC/E1			
	1,2,3	BM	IC/F1			
	1,2,3	MB	IC/G1			
BOT						
COIL			IC/G1			

APP FIG 193

RELAY						
DESIG	PPR7					
CODE	U168					
OPTION	OT					
	CONT NO	CONT ARR	LOC	CONT NO	CONT ARR	LOC
TOP						
	4,5	M	IC/E1			
	1,2,3	BM	IC/F0			
	1,2,3	MB	~~IC/G0~~			
BOT						
COIL			IC/G0			

APP FIG 194

RELAY	MTD/W(RTP)			
DESIG	RTSB			
CODE	1/2 AK22			
OPTION				
	CONT ARR	LOC	CONT ARR	LOC
12				
11				
10				
9				
8				
7				
6				
5	EMB			
4	EMB			
3	EBM			
2	EBM			
1	EBM	IE/E7		
COIL		IE/B9		

APP FIG 195

RELAY	MTD/W(RTSB)							
DESIG	RTP		RTP2					
CODE	1/2 AK22		AJ15					
OPTION								
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	EBM	IF/G7	EBM					
11	EBM	IE/C8	EBM	IE/F8				
10	EBM	IE/F7	EBM	6H7				
9	EMB		EBM					
8	EMB	IE/G8	EMB					
7			EBM	IF/F7				
6			EMB					
5			EMB	IE/A8				
4			EBM	7G9				
3			EBM	10C4				
2			EBM	10D4				
1			EBM	4F3				
COIL		IE/G7		IE/E7				

NETWORK

OPT	DESIG	LOC	CODE
	RTP	IE/G7	185A
	RTP2	IE/E7	

APP FIG 197

(FOR USE WITH TABLE I ONLY)

RELAY	GO(-)		
DESIG	286B		
CODE			
OPTION			
54	51B8		
53	51B8		
52	48G8		
51	48B6		
50	48B6		
44	43H3		
43			
42			
41			
40	55D1		
34			
33			
32			
31			
30			
24			
23			
22			
21			
20			
14	44C6		
13	44H3		
12			
11			
10			
04			
03			
02	47H3		
01			
00			
COIL	16B/G3		

NETWORK

OPT	DESIG	LOC	CODE
	GO(-)	16B/G3	180A

APP FIG 198

RELAY	HO(-) (FOR USE WITH TABLE IA)		HO(-) (FOR USE WITH TABLE IB)		HO(-) (FOR USE WITH TABLE IE)	
DESIG						
CODE	286B		286B		286B	
OPTION						
54						
53						
52						
51						
50						
44						
43						
42						
41						
40	92C1		128A3		171E3	
34						
33						
32						
31						
30						
24						
23						
22						
21						
20						
14	79F1		114G8		158E3	
13	79D1		114E8		158C3	
12						
11						
10						
04						
03						
02						
01						
00						
COIL	16B/F3		16B/F3		16B/F3	

NETWORK

OPT	DESIG	LOC	CODE
	HO(-)	16B/F3	180A

APP FIG 199

RELAY	ACD		ACD1					
DESIG	AF32		AJ15					
CODE								
OPTION								
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	EMB		EBM					
11			EBM	14G7				
10	EBM		EBM	3F5				
9			EBM	5E3				
8	EBM	IF/B4	EMB					
7			EBM					
6	EMB	IF/F5	EMB	IF/A4				
5			EMB					
4	EBM		EBM	5E3				
3			EBM					
2	EBM	IF/D5	EBM	6A7				
1			EBM	IF/G5				
COIL		IF/G4		IF/C4				

DIODE

OPT	DESIG	LOC	CODE
	ACD	14G7	446F
	ACD1	3F5	446F

NETWORK

OPT	DESIG	LOC	CODE
	ACD	IF/G5	185A
	ACD1	IF/C5	185A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 101A

BELL LABORATORIES SD-25805-01- C57

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SD-25805-01-057

CIRCUIT NOTES:

(FOR MTF CONN USING SINGLE SIDED T.R. CARDS)

101. (A&M ONLY)

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
A	1-1/3	48V SIG	APP FIG. 1,42	MTC FR
B	1-1/3	48V SIG	APP FIG. 6 OR 41	
C	1-1/3	48V SIG	MKR FOR 1ST & 2ND APP FIG.8	
D	1-1/3	48V SIG	MKR FOR 3RD & 4TH APP FIG.8	
E	1-1/3	48V SIG	MKR FOR 5TH & 6TH APP FIG.8	
F	1-1/3	48V SIG	MKR FOR 7TH & 15TH APP FIG.8	
G	1-1/3	48V SIG	MKR FOR 8TH & 9TH APP FIG.8	
H	1-1/3	48V SIG	MKR FOR 10TH & 11TH APP FIG.8	
J	1-1/3	48V SIG	MKR FOR 12TH & 13TH APP FIG.8	
K	1-1/3	48V SIG	MKR FOR 14TH & 16TH APP FIG.8	
L	1-1/3	48V SIG	APP FIG. 35	
M	1-1/3	48V SIG	APP FIG. 10	
N	1-1/3	48V SIG	APP FIG. 10	
AC	1-1/3	48V SIG	APP FIG. 43,44,46,47,167	
G	1-1/3	48V SIG	ALL APP FIG. 197	(GO) REL UNIT
B	1-1/3	48V SIG	APP FIG. 6 OR 41	SMTC FR
C	1-1/3	48V SIG	MKR FOR 1ST & 2ND APP FIG.8	
D	1-1/3	48V SIG	MKR FOR 3RD & 4TH APP FIG.8	
E	1-1/3	48V SIG	MKR FOR 5TH & 6TH APP FIG.8	
F	1-1/3	48V SIG	MKR FOR 7TH & 15TH APP FIG.8	
G	1-1/3	48V SIG	MKR FOR 8TH & 9TH APP FIG.8	
H	1-1/3	48V SIG	MKR FOR 10TH & 11TH APP FIG.8	
J	1-1/3	48V SIG	MKR FOR 12TH & 13TH APP FIG.8	
K	1-1/3	48V SIG	MKR FOR 14TH & 16TH APP FIG.8	
B	1-1/3	48V SIG	APP FIG. 41	DMTC FR
Y	1-1/3	48V SIG	MKR FOR 1ST & 2ND APP FIG.9	
Z	1-1/3	48V SIG	MKR FOR 3RD & 4TH APP FIG.9	
AA	1-1/3	48V SIG	MKR FOR 5TH & 6TH APP FIG.9	
AB	1-1/3	48V SIG	MKR FOR 7TH & 8TH APP FIG.9	
AD	1-1/3	48V SIG	APP FIG. 199	MTC PREF UNIT
H	1-1/3	48V SIG	APP FIG. 48,49	AMTC FR
P	1-1/3	48V SIG	APP FIG. 22,29,30, 2 APP FIG. 23, 2 APP FIG. 28	
R	1-1/3	48V SIG	2 APP FIG. 24	
S	1-1/3	48V SIG	APP FIG. 25	
T	1-1/3	48V SIG	TV FOR 1ST & 2ND APP FIG.26	
U	1-1/3	48V SIG	TV FOR 3RD & 4TH APP FIG.26	
V	1-1/3	48V SIG	TV FOR 5TH APP FIG. 26	
W	1-1/3	48V SIG	2 APP FIG. 27	
AF	1-1/3	48V SIG	APP FIG 65	
AA	1-1/3	48V SIG	APP FIG. 159,162,& 2 APP FIG. 160	ANI UNIT
AB	1-1/3	48V SIG	2 APP FIG. 161	
AF	1-1/3	48V SIG	APP FIG 65	
X	1-1/3	48V SIG	APP FIG. 38,ALL APP FIG. 36,37	PRT FR
R	1-1/3	48V SIG	APP FIG 57	

(FOR MTF CONN USING SINGLE SIDED T.R. CARDS)

101. (A&M ONLY)

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
L		GROUND	APP FIG. 41 & ASSOC APP FIG. 4 OR 5	DMTC FR
M		GROUND	APP FIG. 41	
A		GROUND	APP FIG. 1,6	MTC FR
B		GROUND	APP FIG. 1	
C		GROUND	APP FIG. 1	
D		GROUND	APP FIG. 1	
E		GROUND	APP FIG. 2,7,39	
F		GROUND	1ST 10 APP FIG. 11 (HN REL) & APP FIG. 165	
C		GROUND	2ND 10 APP FIG. 11 (T REL) & APP FIG. 40	
H		GROUND	3RD 10 APP FIG. 11 (U REL) & APP FIG. 42	
J		GROUND	4TH 10 APP FIG. 11 (JC REL) & APP FIG. 45	
K		GROUND	10 APP FIG. 12	
L		GROUND	APP FIG. 6 & ASSOC APP FIG. 3,4 OR 5 FIRST "L" GRD SHALL BE USED FOR APP FIG. 34 OR 40 IF REQD OR ONE PER APP FIG. 41 & ASSOC APP FIG. 4 OR 5	
M		GROUND	APP FIG. 6 OR 41	
N		GROUND	APP FIG. 6	
P		GROUND	6 OR LESS (B1) REL (APP FIG. 8) MOUNTED ON THE SAME BAY (SEE TABLE I "SCT" LEAD)	
W		GROUND	41ST & 42ND APP FIG. 11 (RF-EF) REL	
AC		GROUND	APP FIG. 43,44,46,47,167	
P		GROUND	APP FIG. 48,49	AMTC FR
R		GROUND	APP FIG. 22	
S		GROUND	APP FIG. 22	
T		GROUND	APP FIG. 13 18, 2 APP FIG. 23	
U		GROUND	APP FIG. 24 & ASSOC APP FIG. 14,15,16,OR 17	
V		GROUND	APP FIG. 25 & ASSOC APP FIG. 19,20,OR 21	
X		GROUND	APP FIG. 25	
Y		GROUND	9 APP FIG. 10	
AA		GROUND	APP FIG. 32,33,34, ALL APP FIG. 36	PRT FR
AB		GROUND	APP FIG. 31,38	
*AD				
AE		GROUND	APP FIG. 199	MTC PREF UNIT
L		GROUND	APP FIG. 6 & ASSOC APP FIG. 4 OR 5	SMTC FR
M		GROUND	APP FIG. 6 OR 41	
N		GROUND	APP FIG. 6	
P		GROUND	6 OR LESS (B1) REL (APP FIG. 8) MOUNTED ON THE SAME BAY (SEE TABLE I "SCT" LEAD)	
AA		GROUND	APP FIG. 159	
AB		GROUND	APP FIG. 160	
AC		GROUND	APP FIG. 162	
AF		GROUND	APP FIG. 65	

* DESIGNATIONS SHALL NOT BE USED

(FOR NEW MTF CONN - DOUBLE SIDED T.R. CARD)

101A.

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
A	1-1/3	48V SIG	APP FIG. 1,42,157	MTC FR OR 2SMTC FR
B	1-1/3	48V SIG	APP FIG. 6,187	
C	1-1/3	48V SIG	APP FIG. 150	
D	1-1/3	48V SIG	APP FIG. 150	
E	1-1/3	48V SIG	APP FIG. 150	
F	1-1/3	48V SIG	APP FIG. 150	
G	1-1/3	48V SIG	APP FIG. 150	
H	1-1/3	48V SIG	APP FIG. 150	
J	1-1/3	48V SIG	APP FIG. 150	
K	1-1/3	48V SIG	APP FIG. 152	
L	1-1/3	48V SIG	APP FIG. 35,182,183	
M	1-1/3	48V SIG	APP FIG. 43,44,46,47,167	
T	1-1/3	48V SIG	APP FIG. 169-175,177,179	
U	1-1/3	48V SIG	OPT PT.IN APP FIG. 179 & ALL APP FIG. 185	
P	1-1/3	48V SIG	4 APP FIG. 163	MTC EXT UNIT
R	1-1/3	48V SIG	APP FIG. 57,164	
S	1-1/3	48V SIG	4 APP FIG. 178	
U	1-1/3	48V SIG	APP FIG. 52	WB MTC UNIT
* A				DMTC FR OR 2SMTC FR
B	1-1/3	48V SIG	APP FIG. 41,188	
C	1-1/3	48V SIG	APP FIG. 151	
D	1-1/3	48V SIG	APP FIG. 151	
E	1-1/3	48V SIG	APP FIG. 151	
F	1-1/3	48V SIG	APP FIG. 151	
* A-G				AMTC FR
H	1-1/3	48V SIG	APP FIG. 48,49	
J	1-1/3	48V SIG	APP FIG. 153	
K	1-1/3	48V SIG	APP FIG. 153	
L	1-1/3	48V SIG	APP FIG. 154	
M	1-1/3	48V SIG	APP FIG. 155	
N	1-1/3	48V SIG	APP FIG. 156	
P	1-1/3	48V SIG	APP FIG. 22,29,30, 2 APP FIG. 23, 2 APP FIG. 28	
R	1-1/3	48V SIG	3 APP FIG. 24	
S	1-1/3	48V SIG	APP FIG. 25	
AA	1-1/3	48V SIG	APP FIG. 159,162, 2 APP FIG. 160	ANI UNIT
AB	1-1/3	48V SIG	2 APP FIG. 161	
X	1-1/3	48V SIG	APP FIG. 38, ALL APP FIG. 36,37	PRT FR
H	1-1/3	48V SIG	ALL APP FIG. 198	HO UNIT
AC	1-1/3	48V SIG	APP FIG. 199	MTC PREF UNIT
* A-G				MAMTC FR
H	1-1/3	48V SIG	APP FIG. 48,49	
J	1-1/3	48V SIG	APP FIG. 153	
K	1-1/3	48V SIG	APP FIG. 153	
L	1-1/3	48V SIG	APP FIG. 154	
*M				
N	1-1/3	48V SIG	APP FIG. 156	
P	1-1/3	48V SIG	APP FIG. 22,29,30,53	
R	1-1/3	48V SIG	3 APP FIG. 24	
S	1-1/3	48V SIG	APP FIG. 25	
AD	1-1/3	48V SIG	APP FIG. 55	

* DESIGNATIONS SHALL NOT BE USED

(FOR NEW MTF CONN - DOUBLE SIDED T.R. CARD)

101A.

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
*A-K				DMTC FR OR 2SMTC FR
L		GROUND	APP FIG. 41 & ASSOC APP FIG. 4 OR 5,188	
M		GROUND	APP FIG. 41,188	
A		GROUND	APP FIG. 1,6	MTC FR OR 2SMTC FR
B		GROUND	APP FIG. 1	
C		GROUND	APP FIG. 1	
D		GROUND	APP FIG. 1	
E		GROUND	APP FIG. 2,7,39,184	
F		GROUND	1ST 10 APP FIG. 11 OR 166 (HN REL) & APP FIG. 165	
G		GROUND	2ND 10 APP FIG. 11 OR 166 (T REL) & APP FIG. 40	
H		GROUND	3RD 10 APP FIG. 11 (U REL) & APP FIG. 42 OR 166 (U REL)	
J		GROUND	4TH 10 APP FIG. 11 (JC REL)& APP FIG. 45 OR 166 (JC & XSC REL)	
K		GROUND	10 APP FIG. 12	
L		GROUND	APP FIG. 6 & ASSOC APP FIG. 3,4,5 OR 187	
M		GROUND	APP FIG. 6,187	
N		GROUND	APP FIG. 6,187	
P		GROUND	8 OR LESS (B2) REL (APP FIG. 150) SEE TABLE 1A-"SCT" LEAD	
R		GROUND	41ST,42ND & 43RD APP FIG.11 OR 166 (RF-EF-SEF-EXB REL)	
S		GROUND	APP FIG. 43,44,46,47,167	
T		GROUND	APP FIG. 169-175,177,179	
U		GROUND	APP FIG. 185	
AD		GROUND	APP FIG. 181,182,183	
U		GROUND	APP FIG. 52 CONTACT 41 & 42 (P2)	WB MTC UNIT
*A-N				AMTC FR
P		GROUND	APP FIG. 48,49	
R		GROUND	APP FIG. 22	
S		GROUND	APP FIG. 22	
T		GROUND	APP FIG. 13,18, 2 APP FIG. 23	
U		GROUND	APP FIG. 24 & ASSOC APP FIG. 14,15,16,OR 17	
V		GROUND	APP FIG. 25 & ASSOC APP FIG. 19,20,OR 21	
*W				
X		GROUND	APP FIG. 25	
AA		GROUND	APP FIG. 32,33,34 & ALL APP FIG. 36	PRT FR
AB		GROUND	APP FIG. 31,38	
AA		GROUND	APP FIG. 159	ANI UNIT
AB		GROUND	APP FIG. 160	
AC		GROUND	APP FIG. 162	
AE		GROUND	APP FIG. 199	MTC PREF UNIT
*A-N				MAMTC FR
P		GROUND	APP FIG. 48,49	
R		GROUND	APP FIG. 22	
S		GROUND	APP FIG. 22	
T		GROUND	APP FIG. 18,53	
U		GROUND	APP FIG. 24 & ASSOC APP FIG. 14,15,16,OR 17	
V		GROUND	APP FIG. 25 & ASSOC APP FIG. 19,20,OR 21	
*W				
X		GROUND	APP FIG. 25	

* DESIGNATIONS SHALL NOT BE USED

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT

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SD-25805-01-DI

1018. (FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD)

(A&M ONLY)

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
A	1-1/3	48V SIG	APP FIG 1,42	
B	1-1/3	48V SIG	APP FIG 6 OR 41 OR 187 OR 188	
C	1-1/3	48V SIG	MKR FOR 1ST & 2ND APP FIG 8	
D	1-1/3	48V SIG	MKR FOR 3RD & 4TH APP FIG 8	
E	1-1/3	48V SIG	MKR FOR 5TH & 6TH APP FIG 8	
F	1-1/3	48V SIG	MKR FOR 7TH & 15TH APP FIG 8	
G	1-1/3	48V SIG	MKR FOR 8TH & 9TH APP FIG 8	
H	1-1/3	48V SIG	MKR FOR 10TH & 11TH APP FIG 8	
J	1-1/3	48V SIG	MKR FOR 12TH & 13TH APP FIG 8	
K	1-1/3	48V SIG	MKR FOR 14TH & 16TH APP FIG 8	
L	1-1/3	48V SIG	APP FIG 35,182,183	
M	1-1/3	48V SIG	MKR FOR 17TH APP FIG 8 (B5 REL)	
XN				
AC	1-1/3	48V SIG	APP FIG 43,44,46,47,167	
P	1-1/3	48V SIG	4 APP FIG 167	
R	1-1/3	48V SIG	APP FIG 57,167	
XA				
B	1-1/3	48V SIG	APP FIG 6 OR 41 OR 187 OR 188	
C	1-1/3	48V SIG	MKR FOR 1ST & 2ND APP FIG 8	
D	1-1/3	48V SIG	MKR FOR 3RD & 4TH APP FIG 8	
E	1-1/3	48V SIG	MKR FOR 5TH & 6TH APP FIG 8	
F	1-1/3	48V SIG	MKR FOR 7TH & 15TH APP FIG 8	
G	1-1/3	48V SIG	MKR FOR 8TH & 9TH APP FIG 8	
H	1-1/3	48V SIG	MKR FOR 10TH & 11TH APP FIG 8	SMTC FR OR 2SMTC FR
J	1-1/3	48V SIG	MKR FOR 12TH & 13TH APP FIG 8	
K	1-1/3	48V SIG	MKR FOR 14TH & 16TH APP FIG 8	
XL				
M	1-1/3	48V SIG	MKR FOR 17TH APP FIG 8 (B5 REL)	

* DESIGNATIONS SHALL NOT BE USED

1018. (CONT) (FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD)

(A&M ONLY)

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
A	1-1/3	48V SIG	MKR FOR 9TH APP FIG 9 (B6 REL)	
B	1-1/3	48V SIG	APP FIG 41,188	
Y	1-1/3	48V SIG	MKR FOR 1ST & 2ND APP FIG 9	
Z	1-1/3	48V SIG	MKR FOR 3RD & 4TH APP FIG 9	DMTC FR OR 2SMTC FR
AA	1-1/3	48V SIG	MKR FOR 5TH & 6TH APP FIG 9	
AB	1-1/3	48V SIG	MKR FOR 7TH & 8TH APP FIG 9	
G	1-1/3	48V SIG	TV FOR APP FIG 158	
H	1-1/3	48V SIG	APP FIG 48,49	
P	1-1/3	48V SIG	APP FIG 22,29,30,2 APP FIG 23, 2 APP FIG 28	
R	1-1/3	48V SIG	2 APP FIG 24	PRIOR TO ISSUE 20D AMTC FR
S	1-1/3	48V SIG	APP FIG 25	
T	1-1/3	48V SIG	TV FOR 1ST & 2ND APP FIG 26	
U	1-1/3	48V SIG	TV FOR 3RD & 4TH APP FIG 26	
V	1-1/3	48V SIG	TV FOR 5TH APP FIG 26	
W	1-1/3	48V SIG	2 APP FIG 27	
H	1-1/3	48V SIG	ALL APP FIG 198	HO UNIT
XA-G				
H	1-1/3	48V SIG	APP FIG 48,49	
J	1-1/3	48V SIG	APP FIG 153	
K	1-1/3	48V SIG	APP FIG 153	
L	1-1/3	48V SIG	APP FIG 154	
M	1-1/3	48V SIG	APP FIG 155	
N	1-1/3	48V SIG	APP FIG 156	AMTC FR
P	1-1/3	48V SIG	APP FIG 22,29,30, 2 APP FIG 23, 2 APP FIG 28	
R	1-1/3	48V SIG	3 APP FIG 24	
S	1-1/3	48V SIG	APP FIG 25	
U	1-1/3	48V SIG	APP FIG 52	WB MTC UNIT
AD	1-1/3	48V SIG	APP FIG 199	MTC PREF UNIT
A	1-1/3	48V SIG	APP FIG 157	
J	1-1/3	48V SIG	APP FIG 153	
K	1-1/3	48V SIG	APP FIG 153	
L	1-1/3	48V SIG	APP FIG 154	
M	1-1/3	48V SIG	APP FIG 155	
XN				SAMTC FR
P	1-1/3	48V SIG	APP FIG 22 (RR2,3,RT2,3 REL) APP FIG 29 (STC2,STC3 REL)	
R	1-1/3	48V SIG	3 APP FIG 24	
S	1-1/3	48V SIG	APP FIG 25	
U	1-1/3	48V SIG	APP FIG 152	

* DESIGNATIONS SHALL NOT BE USED

1018. (CONT) (FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD)

(A&M ONLY)

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
AA	1-1/3	48V SIG	APP FIG 159,162, 2 APP FIG 160	ANI UNIT
AB	1-1/3	48V SIG	2 APP FIG 161	
X	1-1/3	48V SIG	APP FIG 38 & ALL APP FIG 36 OR 37	PRT FR
XA-G				
H	1-1/3	48V SIG	APP FIG 48,49	
J	1-1/3	48V SIG	APP FIG 153	
K	1-1/3	48V SIG	APP FIG 153	
L	1-1/3	48V SIG	APP FIG 154	
XM				
N	1-1/3	48V SIG	APP FIG 156	
P	1-1/3	48V SIG	APP FIG 22,29,30,53	
R	1-1/3	48V SIG	3 APP FIG 24	
S	1-1/3	48V SIG	APP FIG 25	
AE	1-1/3	48V SIG	APP FIG 55	

* DESIGNATIONS SHALL NOT BE USED

MASTER TEST FRAME CONNECTOR CKT

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CIRCUIT NOTES: (CONT)

101B. (CONT) (A&M ONLY)

DESIG	FUSE AMP	POTENTIAL FUSED	ONE PER	LOC OF GRD
L		GROUND	FIG 41 & ASSOC FIG 4,5 OR 188	DMTC FR OR 2SMTC FR
M		GROUND		
B		GROUND	FIG. 1	MTC FR OR 2SMTC FR
C		GROUND	FIG. 1	
D		GROUND	FIG. 1	
E		GROUND	FIG 2,7,39 & 184	
F		GROUND	1ST 10 FIG 11 (HN REL) & FIG 165	
G		GROUND	2ND 10 FIG 11 (T REL) & FIG 40	
H		GROUND	3RD 10 FIG 11 (U REL) & FIG 42	
J		GROUND	4TH 10 FIG 11 (JC),(MTRA) REL & FIG 45	
K		GROUND	10 FIG 12	
L		GROUND	FIG 6 & ASSOC FIG 3,4,5 OR 187. FIRST "L" GRD SHALL BE USED FOR FIG 34 OR 40 IF REQD OR ONE PER FIG 41 & ASSOC FIG 4 OR 5	
M		GROUND	FIG 6,41, 187 OR 188	
N		GROUND	FIG 6 & 187	
P		GROUND	6 OR LESS (B1) REL (FIG 8) MOUNTED ON SAME BAY SEE TABLE 1B - "SCT" LEAD	
W		GROUND	41ST & 42ND FIG 11 (RF-EF) REL	
AC		GROUND	FIG 43,44,46,47 & 167	
AD		GROUND	FIG 181,182 & 183	
L		GROUND	FIG 6 & ASSOC FIG 4,5 OR 187	SMTC FR OR 2SMTC FR
M		GROUND	FIG 6,41,187 OR 188	
N		GROUND	FIG 6 & 187	
P		GROUND	6 OR LESS (B1) REL (FIG 8) MOUNTED ON SAME BAY SEE TABLE 1B- "SCT" LEAD	
				DMTC FR OR 2SMTC FR
L		GROUND	FIG 41 & ASSOC FIG 4,5 OR 188	
M		GROUND	FIG 41 & 188	
*A-N				AMTC FR
P		GROUND	FIG 48 & 49	
R		GROUND	FIG 22	
S		GROUND	FIG 22	
T		GROUND	FIG 13,18 & 2ND FIG 23	
U		GROUND	FIG 24 & ASSOC FIG 14,15, 16 OR 17	
V		GROUND	FIG 25 & ASSOC FIG 19,20 OR 21	
*W				
X		GROUND	FIG 25	
* DESIGNATIONS (A-N,W) SHALL NOT BE USED FOR AMTC FRAMES ADDED SUBSEQUENT TO ISSUE 20D				
R		GROUND	FIG 22 (RR2),(RR3) REL & FIG 11 (SEF) REL	SAMTC FR
S		GROUND	FIG 22 (RT2),(RT3) REL	
*T				
U		GROUND	FIG 24 & ASSOC FIG 16 OR 17	
V		GROUND	FIG 25 & ASSOC FIG 20 OR 21	
*W				
X		GROUND	FIG 25	
* DESIGNATIONS (T & W) SHALL NOT BE USED				

CIRCUIT NOTES: (CONT)

101B. (CONT) (A&M ONLY)

DESIG	FUSE AMP	POTENTIAL FUSED	ONE PER	LOC OF GRD
AA		GROUND	FIG 32,33,34 & ALL FIG 36	PRT FR
AB		GROUND	FIG 31 & 38	
AE		GROUND	APP FIG 199	MTC PREF UNIT
AA		GROUND	FIG 159	ANI UNIT
AB		GROUND	FIG 160	
AC		GROUND	FIG 162	
U		GROUND	APP FIG 52 CONTACT 41 & 42 (P2)	WB MTC UNIT
*A-N				MAMTC FR
P		GROUND	APP FIG 48,49	
R		GROUND	APP FIG 22	
S		GROUND	APP FIG 22	
T		GROUND	APP FIG 18,53	
U		GROUND	APP FIG 24 & ASSOC APP FIG 14,15,16 OR 17	
V		GROUND	APP FIG 25 & ASSOC APP FIG 19,20 OR 21	
*W				
X		GROUND	APP FIG 25	
* DESIGNATIONS (A-N,W) SHALL NOT BE USED				

CIRCUIT NOTES: (CONT)

101C. BAT & GRD FOR OTHER THAN MTFC FRAME

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
BAT SUPPLY FOR MASTER TEST CONN FUSED ON CDT FRAME				
A33	1-1/3	48V SIG	FIG 60,61 (V0-,V1-,V2-,V3-,V4-) REL	
A34	1-1/3	48V SIG	FIG 61 (V5-,V6-,V7-) REL	
A35	1-1/3	48V SIG	FIG 58,59 (TVB-) REL	
GRD FOR MASTER TEST CONN FUSED ON CDT FRAME				
A0-A7		GROUND	(SEE FS 41) CKT	
A34		GROUND	FIG 61 (V9-) REL	
A35		GROUND	FIG 58,59 (TVB-) REL	
BAT AND GRD SUPPLY FOR MASTER TEST CONN CDT UNIT MOUNTED ON RR				
CD	1-1/3	48V SIG	FIG 62	
CD		GROUND	FIG 62	
FOR RELAY RACK LOCATION ALL FRAMES				
RA	1-1/3	48V SIG	(TSTS) REL APP FIG 48	

MASTER TEST FRAME CONNECTOR CKT

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CIRCUIT NOTES: (CONT)

102. (A&M ONLY) FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD AND FOR OFFICES WHICH CONVERT FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD. (TABLES I,TB AND IF) LOOP SIMILARLY DESIGNATED LEADS WHEN APPARATUS IS OMITTED.

PAR	FEATURE OR OPTION			PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE QUANTITY
1	MASTER TEST FRAME CONNECTOR CONT			1		1 PER CKT
2	TEST PREFERENCE MARKER		WITH AUTO MON	2	YG	1 PER CKT
			WITHOUT AUTO MON	2	SEE NOTE 303	1 PER CKT
3	MARKER PREFERENCE		FIRST MARKER	3		1 PER CKT
			INT MARKER	4		1 PER INT MKR
			LAST MARKER	5		1 PER CKT
4	COMBINED OR COMPLETING MARKERS	MARKER CONNECTOR CONT		6		1 PER MKR
		MARKER CONNECTOR RELAYS		8		16 PER MKR
5	DIAL TONE MARKERS	ASSOCIATED WITH MASTER TEST CONN FRAME FOR DIAL TONE MARKERS	DIAL TONE MARKER CONN CONTROLLER	41		1 PER MKR
			DIAL TONE MARKER CONN RELAYS	9		8 PER MKR
		ASSOCIATED WITH MASTER TEST CONN FRAME OR SUPPLEMENTARY MASTER TEST CONN FRAME	MARKER CONN CONTROLLER	6		1 PER MKR
			MARKER CONN RELAYS	8		16 PER MKR
6	SCANNING CONN FOR TROUBLE RECORDER	FOR OFFICES CONVERTING TO DOUBLE SIDED TROUBLE RECORDER CARD			152	9 PER CKT
		FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD			SEE NOTE 303	
7	FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD				VF	
8	WHEN AN OFFICE CONVERTS FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD (SEE NOTE 137)	MARKERS NOT ARRANGED FOR CAMA OR TOLL SCREENING		157		1 PER CKT
					VA	
		MAPKERS ARRANGED FOR CAMA AND/OR TOLL SCREENING			VB	
9	PREFERENCE RELAYS FOR NO TEST CONNECTOR			7		1 PER CKT
10	REPEATING RELAYS FOR "HN","T","U", "JC","RF" AND "EF" LEADS			11		42 PER CKT
11	REPEATING RELAYS FOR "CH" LEADS			12		10 PER CKT
12	REPEATING RELAY FOR "SL" LEAD			42	B,JN	1 PER CKT
13	TANDEM AND TOLL	MORE THAN ONE TANDEM OR TOLL CLASS			WF,ZL	
		NONE OR ONE TANDEM OR TOLL CLASS			WE,ZJ	
14	LINE VERIFICATION AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD NOT PROVIDED				XK	
15	OPERATION WITH CAMA (PAPER TAPE ONLY) (SEE NOTE 137d)			155		1 PER CAMA TV

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION			PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE QUANTITY
17	LAMA /CAMA	WHEN LAMA OR CAMA IS PROVIDED (SEE NOTE 1192)		14,15, 17,18, 19,21, 22,29, 30	XH	1 EACH PER CKT
				20		1 PER INT TV
				25		1 PER TV
18	PAPER /MAG	PAPER TAPE AMA			LA,KB, NS,NU, NV,NW, NX,NY	
				13		1 PER CKT
				23, 28	SEE NOTE 201	1 EACH PER CKT
				16		1 PER INT REG RCDR
				24	SEE NOTE 202	1 PER LAMA RCDR INC THE EMER RCDR
		MAG TAPE LAMA (SEE NOTE 1164 & 1167)			NT	
				16		1 PER INT TRK CONT
				24		1 PER TRK CONT INC THE EMER TRK CONT
				53		1 PER CKT
				55		1 PER LAMA TV
19	LAMA	LAMA PROVIDED			UF	
20	LAMA PRIOR TO ISS 20D/ SUBSEQUENT TO ISS 20D	FOR OFFICES WHICH HAD LAMA PRIOR TO ISS 20D (USING SINGLE-SIDED TROUBLE RECORD CARD)	FOR TV 0-5	26		1 PER TV
			CONN RELAYS FOR LAMA RCDR AND MASTER TIMING CKT	SEE NOTE 303		
			FOR "XTL" LEAD FOR REVERSING REL		SEE NOTE 303	
			PBX AUTO IDENTIFIED OUTWARD DIALING	158	VD	1 PER TV
		FOR INCREASING LAMA EQPT IN OFFICES IN WHICH LAMA WAS PROVIDED PRIOR TO ISS 20D (SEE NOTES 1162b,c)	FOR TV 0-5	26		1 PER TV
			FOR TV 6-9	154		1 PER TV
					WC	
			FOR TV 0-5	158		1 PER TV
			FOR MORE THAN 10 +1 EMER RCDR/TRK CONT		WD	
					WQ (SEE NOTE 131)	

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION				PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE QUANTITY
20	LAMA PRIOR TO ISS 20D/ SUBSEQUENT TO ISS 20D	FOR INCREASING LAMA EQPT IN OFFICES IN WHICH LAMA WAS PROVIDED PRIOR TO ISS 20D (SEE NOTE 137)	PBX AUTO IDENTIFIED OUTWARD DIALING OR MAG TAPE	FOR TV 0-5	158	VD	1 PER TV
			PAPER TAPE	CONN RELAYS FOR LAMA RCDR	SEE NOTE 303	LR	
				FOR MORE THAN 10+1 EMER RCDR		NZ, VL	
				FOR TV 0-5		LJ, LK	
				FOR TV 6-9		LN	
			MAG TAPE (SEE NOTE 1165)	CONN RELAYS FOR TRK CONT (SEE NOTE 1168)		LS	
				FOR TV 0-5		LL,LM	
				FOR TV 6-9		LO	
		FOR OFFICES ADDING LAMA SUBSEQUENT TO ISS 20D (SEE NOTE 137)	FOR ALL TV		154		1 PER TV
			FOR TV 6-9			WC	
			FOR MORE THAN 10+1 EMER RCDR/ TRK CONT			WD	
				FOR MORE THAN 10+1 EMER RCDR		NZ,VL	
			PAPER TAPE			LN,LP	
			MAG TAPE			LO,LQ	
			CONN RELAYS FOR AMA RCDR AND MASTER TIMING CKT (PAPER TAPE) OR TRK CONT (MAG TAPE)		156	SEE NOTE 201	1 PER CKT
						WQ (SEE NOTE 131)	
21	LAMA PROVIDED OR CAMA WITHOUT ANI PROVIDED					TZ	
22	LAMA/CAMA PRIOR OR SUBSEQUENT TO ISS 20D	FOR INCREASING LAMA EQPT IN OFFICES IN WHICH LAMA WAS PROVIDED PRIOR TO ISS 20D	FOR TV 6-9		153		1 PER TV
			PAPER TAPE			NX	
			MAG TAPE			LI	
		ADDING LAMA OR CAMA SUBSEQUENT TO ISS 20D	FOR TV 0-9		153		1 PER TV
			PAPER TAPE			NX	
			MAG TAPE (LAMA)			LI	
23	PROVIDES CONVERSION OF 100 CLASS OF SERVICE TO A 2/5 PUNCH DESIGNATION SYSTEM					SQ	

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION				PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE QUANTITY
25	PROVIDES FOR CONVERSION TO 2/5 PUNCH DESIGNATION SYSTEM FOR TROUBLE RECORD PUNCH DESIGNATION EXPANSION (SEE NOTE 1159)				169-175, 177, 179	NA, SY	1 PER CKT
26	PROVIDES CONVERSION OF 30 CLASS OF SERVICE TO A 2/5 PUNCH DESIGNATION SYSTEM.					SR	
27	AUTOMATIC PROGRESSION TRUNK TESTING OR REMOTE OFFICE TEST LINE CKT (SEE NOTES 133,1135, 1174 & 1175)	NOT PROVIDED				ZH	
		PROVIDED	PRIOR TO ISS 22D	WITH LAMA OR PRT OR BOTH		SEE NOTE 302	
				LINE VERIF NOT PROVIDED			
					43, 44	VI, ZG, ZI	1 EACH PER CKT
			PRETRANSLATORS PROVIDED			WH	
			WHEN NEITHER LAMA NOR ANI IS PROVIDED			XG	
			WHEN EITHER LAMA OR ANI IS PROVIDED			WH,XR	
28	REPEATING RELAY FOR "EX" LEAD (SEE NOTE 1182)				45		1 PER CKT
29	AUTOMATIC TROUBLE ANALYSIS (ATA) PROVIDED (SEE NOTE 1189)						
		NO				IV,IX	
		YES				IQ,JQ	
			TEST SET TYPE TESTING PROVIDED (SEE NOTE 1189B)	NO		IX	
				YES	64	IY	1 PER CKT
30	LINE INSULATION TEST CONTROL CKT (SEE NOTE 133)	NOT PROVIDED				G,K, YD	
		PROVIDED			39, 40	YE	1 EACH PER CKT
			PRIOR TO ISSUE 22D			SEE NOTE 302	
			LAMA,CAMA,OR ANI NOT PROVIDED			M	
			FOR ASSOC LINE TROUBLE RECORDS	TROUBLE RECORDER		F	
				TTY		G	
			FOR MARKER ASSOC WITH LINE INSULATION TEST CONTROL CKT			YF	
31	PPCS-TO REMOTE CAMA					UP	
32	NUMBER GROUP TENS BLOCK SCREENING PROVIDED				164		1 PER COMPL MKR
33	LINE LINK PULSING PROVIDED					PH, PX OR TA (SEE NOTE 1145)	
34	CENTREX INCOMING RESTRICTED SERVICE PROVIDED. (FOR STATIONS REACHED VIA LLP ON A HUNDREDS BLOCK BASIS)					RU	

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CIRCUIT NOTES:(CONT)

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION		PROVIDE FIG.	APP OR WRG	QUANTITY
35	OPERATION WITH 2ND EXTENSION TRUNK LINK FRAME (SEE NOTE 137d)	REPEATING REL FOR "SEF" LEAD	11		1 PER CKT
				XT	
36	FOR OPERATION WITH 11 OR 12 MARKER			Y	
37	FOR OPERATION WITH TROUBLE RECORDER CONTROL & TEST CKT			X	
39	FSP SENDER TEST (SEE NOTE 185)	PROVIDED	167	TV	1 PER CKT
		NOT PROVIDED		TU	
40	INTERTOLL TRUNK TESTING FROM THE AUTOMATIC PROGRESSION TRUNK TEST FRAME			TF	
41	AMA TRANSLATOR LINE VERIFICATION TEST CKT PROVIDED			TM	1 PER TV GROUP ASSOC WITH TV-O
42	TRUNK TEST REGISTER CKT		167		1 PER CKT
43	LINE LINK PULSING TRUNK TESTING FROM THE AUTOMATIC PROGRESSION TRUNK TEST (SEE NOTE 1178)			SG, JE,JF	
44	AUXILIARY CONNECTOR REL FOR DIAL TONE MARKERS ARRANGED FOR SIX REGISTER GROUPS [FIG. 41 (DMTC) NOT FURNISHED]		176		1 PER DIAL TONE MARKER
45	FOR OPERATION WITH DIRECT ACCESS PRETRANSLATOR CIRCUITS			RT	
46	RANGE EXTENSION	FOR OFFICES CONVERTING TO DOUBLE SIDED TROUBLE RECORD CARD		QA	
		FOR OFFICES USING SINGLE SIDED TROUBLE RECORD CARD		PN	
47	4-WIRE OPERATION	WITH AUTOMATIC MONITOR, REGISTER, AND SENDER TEST CKT ARRANGED FOR TESTING 4-WIRE ORIGINATING REGISTERS, INCOMING REGISTERS, AND SENDERS (SEE NOTE 1172)	163 (SEE NOTE 219)	QH	1 PER COMPL MARKER
48	UNIVERSAL PAD CONTROL				
49	DUPLICATE NUMBER GROUP USAGE CONTROL				
50	FOR OPERATION WITH THE TSPS ARRANGEMENT OF IDDD			OR	
51	12 LEVEL TRUNK SWITCH OPERATION	TABLE 18 (SEE NOTE 1172)			
		TABLE I		PI	
52	AUTOMATIC RANGE EXTENSION TEST CKT	NOT PROVIDED		PF	
		PROVIDED	183, 184	PG	
53	PBX TOLL DIVERSION (SEE NOTE 1190)			PQ	
54	TRAFFIC SAMPLING BY AMA RECORD			PS	
55	OFFICE ARRANGED FOR STUCK SENDER TRUNK IDENTIFICATION	LESS THAN 19 OUTSENDER LINK FRAMES	186	OB	1 PER CKT
		MORE THAN 18 OUTSENDER LINK FRAMES		OB, KJ	

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION		PROVIDE FIG.	APP OR WRG	QUANTITY
56	WITH MARKERS ARRANGED FOR NEW NUMBERING PLAN WITH INTERCHANGEABLE CODES			OC	
57	OFFICE ARRANGED FOR EXPANDED MARKER FEATURE (12 COMPL MARKER, 6 DIAL TONE MARKER MAXIMUM)			OE	1 PER CKT
58	WHEN AN OFFICE IS ARRANGED TO PROVIDE CALL WAITING SERVICE (SEE NOTE 1152 OR 1155)			OG	
59	MARKER PREFERENCE AND CONNECTOR CONTROLLER FOR 9TH TO 12TH COMPL MARKERS		187		1 PER MKR
60	MARKER PREFERENCE AND CONNECTOR CONTROLLER FOR 5TH AND 6TH DIAL TONE MARKERS		188		1 PER MKR
61	AUTOMATIC RANGE EXTENSION TEST CKT, LINE VERIFICATION CKT, AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR TRUNK TEST REGISTER CKT IN AN OFFICE WITH NEW NUMBERING PLAN WITH INTERCHANGEABLE CODES			OJ	
		WITHOUT NEW NUMBERING CODE		OD	
63	FOR OPERATION WITH PRETRANSLATOR CIRCUITS (SEE NOTE 117)		31		1 PER CKT
			32		1 PER CKT
			33		1 PER CKT
			34		1 PER CKT IF 3 PRE-TRANSLATORS ARE PROVIDED
			35		1 PER CKT
			36		1 PER PRE-TRANSLATOR
			37		1 PER PRE-TRANSLATOR
			38		1 PER CKT
		LINE VERIFICATION AND/OR CLVA OR ETSPD NOT PROVIDED		XJ, XX	
		IDDD PRETRANSLATOR PROVIDED	36		1 PER PRE-TRANSLATOR
			37	OP	1 PER PRE-TRANSLATOR
				OP	1 PER CKT
			189	OP	1 PER CKT
			190	OP	1 PER CKT
		IDDD PRETRANSLATORS NOT PROVIDED		OQ	
		PRETRANSLATORS FOR USE WITH INCOMING REGISTERS PROVIDED	191	OT	1 PER CKT
			192	OT	1 PER CKT
			193	OT	1 PER CKT
			36		1 PER PRE-TRANSLATOR
			37	OT	1 PER PRE-TRANSLATOR
			38		1 PER 3 INC REG PRE-TRANSLATOR
			35	OT	1 PER CKT
		PRETRANSLATORS FOR USE WITH INCOMING REGISTER NOT PROVIDED		OU	
64	PREFERENCE REL FOR	REMOTE OFFICE TEST LINE (ROTL) CKT OR REMOTE OFFICE TEST LINE REGISTER (ROTR)CKT	194, 195	IR, OV	1 PER CKT
		MINI REMOTE OFFICE TEST LINE CONNECTOR CKT	195	IS	
		NOT PROVIDED		KY	
65	EXPANDED ROTL-IMPROVED OPERATIONAL TRUNK TESTING PROVIDED			KU	

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION		PROVIDE FIG.	APP OR WRG	QUANTITY
66	MARKER ARRANGED FOR EXPANDED PERMANENT SIGNAL ROUTING (SEE NOTE 1176,1184)			LD	
67	TRUNK TEST CKT ARRANGED FOR AUTOMATIC RECYCLE FEATURE (SEE NOTE 1179)			LE	
69	ANY OR ALL	AUTOMATIC RANGE EXTENSION	182		1 PER CKT
		STUCK SENDER TRUNK IDENTIFICATION			
		EXPANDED MARKER FEATURE			
		IDDD PRETRANSLATORS			
		ROUTE TRANSLATOR (MFR DISC.)			
70	FOR OPERATION WITH DYNAMIC OVERLOAD CONTROL AND/OR EADAS/NM (FOR CONTROL OF ROUTES 20-39)			OY	
		TABLE I	197	OW	
		TABLE IB		OZ	
71	TEST CKT CONTROL OF CANCELLATION OF AMA RECORDING ON TEST CALLS			NE	
		TABLE I	197		
72	IDENTIFICATION OF AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATORS (AIODT) WITH AIODT 0,1,2 TROUBLE PUNCH			NG	
73	PAPER TAPE	FOR OPERATION WITH MORE THAN 20 PLUS 1 EMERGENCY AMA RECORDERS (MAXIMUM 30 PLUS 1 EMERGENCY RECORDER)		NJ	
74	OFFICE ARRANGED TO ACCEPT TROUBLE RECORDS FROM CO-LOCATED AUTOMATIC CALL DISTRIBUTION OFFICE (SEE NOTE 1160)	YES	199	NO, NP	1 PER CKT
		NO		NL	
75	OFFICE WITH APTT, ARRANGED FOR TEST OF TRUNKS TO TSPS USING DIGIT "0" PREFIX			LZ	
76	LAMA OR (ANI WITH CAMA, WITH MASTER TEST FR PROV)		48	WI	1 PER CKT
77	OFFICE WITH APTT ARRANGED FOR AUTOMATIC RESTART AND/OR PRINTOUT AND/OR RANDOM TRUNK SELECTION (SEE NOTE 1179)			LB	
78	LAMA, CAMA, OR ANI		54		1 PER CKT
		WITH AMA TRANSLATORS		LV	
		WITH AIOD TRANSLATORS		LX	
79	LINE VERIFICATION AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT (SEE NOTE 133 AND 1174)	NOT PROVIDED		XM	
		PROVIDED	46, 47	KC, XQ	1 EACH PER CKT
		WITH AUTOMATIC PROGRESSION TRUNK TESTING OR REMOTE OFFICE TEST LINE CKT PROVIDED PRIOR TO ISSUE 22D		XW, WH	
		LAMA OR ANI-CAMA PROVIDED	49		1 EACH PER CKT
		EITHER LAMA OR ANI PROVIDED		XV	
		NEITHER LAMA NOR ANI PROVIDED		XI	
		PRETRANSLATOR PROVIDED		XW, XL	
		LINE VERIFICATION ONLY		JP, XE	
		COMPUTER LINE VERIFICATION ACCESS CKT PROVIDED		JH	
		COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT PROVIDED		JO, KD	
		BOTH LINE VERIFICATION AND COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT		JO, KE, XE	
		ETSPD CKT PROVIDED AND			
		ONLY WIRE SPRING COMPL MARKERS FURNISHED		KW	
		SOME OR ALL FLAT SPRING COMPL MARKERS FURNISHED		KX	
		COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT NOT PROVIDED.		KI	

102. (CONT) (A&M ONLY)

PAR	FEATURE OR OPTION		PROVIDE FIG.	APP OR WRG	QUANTITY
80	CALLING LINE IDENTIFICATION FEATURE PROVIDED (SEE NOTES 1152 AND 1155)			KK	
81	LIT PRINTOUT OF DIRECTORY NUMBER (SEE NOTE 306)	PROVIDED: ANI PROVIDED	56	JL, KM, KN	1 PER CKT
		PROVIDED: ANI/LAMA PROVIDED		KM, KO, JL, JA	
		PROVIDED: LAMA PROVIDED		JL, KM, KO, KV	
		PROVIDED: USING TTY CONTROL		KR	
		PROVIDED: USING TROUBLE RECORDER		KP	
		NOT PROVIDED		KL	
82	REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT	WITH CANCEL AMA PROVIDED		KZ	
83	PROGRAM CONTROLLED TRANSVERTER CKT AND DIRECTORY NUMBER PRINTOUT PROVIDED			JA	
84	TESTING OF TRUNK LINK FRAMES 20-29 BY THE REMOTE OFFICE TEST CONTROL CKT (SD 27727-01) PROVIDED			JB	
85	BILLING DATA TRANSMITTER CKT PROVIDED			JC	
86	INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (SEE NOTE 1183)			JG	
88	AUTOMATIC NUMBER IDENTIFICATION AND/OR CAMA-C WITH PROGRAM CONTROLLED TRANSVERTER PROVIDED (SEE NOTE 151)		160		1 PER ATV/PCTV
			161		1 PER ATV/PCTV
		ANI ONLY		UF	
		WITH CAMA	168		1 PER CKT
		WITHOUT CAMA	159		1 PER CKT
		WITHOUT CAMA: ANI ONLY	162		1 PER CKT
89	ANY OR ALL	POST NO 5 ETS-LLP AND/OR LLP-AIS OPERATION	57	IG	1 PER COMPL MKR
		SIMPLIFIED TSPS-IDDD FOR TABLE I ONLY (SEE NOTE 1193)			
		YES	65	XO	1 PER CKT
		NO		XN	
90	CALL DATA TRANSMITTER PROVIDED (SEE NOTE 1192)	NO		IJ	
		YES		IK	
		PREF RELAYS FOR MTF-OFFIC. ONLY	62		1 PER CKT
		IF APP FIG 22 WITHOUT WC OPTION IS PROVIDED	63		1 PER CKT
		CONTROL REL FOR SHARED (3RD) TRANSLATOR ACCESS	58		1 PER CKT
		CONTROL REL FOR TRANSLATOR ACCESS	59		1 PER TRANSLATOR ACCESS CKT (MAX 2)
		CONNECTOR REL	60		1 PER TRANSLATOR ACCESS CKT (MAX 3)
			61		1 PER CONTROLLER (MAX 2)

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MASTER TEST FRAME CONNECTOR CKT

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CIRCUIT NOTES: (CONT)

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
5D	Y	NONE	102,113, 1146	Y		
	X	NONE	102, 113	X		
	APP FIG. 31-38, V,T,W	W	107, 113, 302	APP FIG. 31-38, V,T		W
	S	NONE	106, 113	S		
7A	N	NONE	106	N		
8D	Q OR R	R	105,113, 1148	Q		R
9D	B OR E	E	102,113 1144	B	E	
			102,146 1144	APP FIG. 9,41,42		
10D	M	NONE	102,146 302	M		
	Z	Z	113, 302	Z		
	ZU	NONE	113, 116	ZU		
	ZJ,ZK OR ZL	ZJ,ZK	102, 113, 125, 1149	ZJ,ZL		ZK
	A OR ZA	A	111, 113	ZA		A
	ZB OR ZC	ZB	112	ZC		ZB
	K	K	102,113 302	K		
	J OR H	J	109,113, 185	H		J
	G OR F	G	102	G,F		
			102,146, 302	APP FIG. 39,40		
	ZS OR ZT	ZS	112,113, 1149	ZT		ZS
	ZP	Q OR R	105, 115	ZP	Q	
	ZQ OR ZR	Q OR NONE	115	ZR	ZQ	
	ZM OR ZN	ZM	114	ZN		ZM
11D	YC	NONE	118, 128	YC		
12D	YG OR YH	YG	102, 303	YG OR YH		
	ZF,ZG, ZH,ZI	ZH	102, 302	ZF,ZG, ZH,ZI		
			102,146, 176,177, 185	APP FIG. 43,44		
	YD,YE,OR YF	YD	102, 302	YD,YE, YF		
	ZU OR ZV	ZU	113, 119	ZV		ZU
	ZX	NONE	113, 120	ZX		
				APP FIG.45		
	ZY	NONE	113, 129	ZY		
	YK	NONE		YK		
	YL	NONE	113	YL		
	YA	NONE	113	YA		
	YJ	NONE	113	YJ		
	YM OR YN	YM	113	YN		YM
	YO	NONE		YO		
	YP OR YQ	YP	120, 213	YQ		YP
13D	YR	NONE	113, 121	YR		
	YS OR YT	YS	122	YT	YS	
15D	YW OR YX	YW		YX		YW
	YZ OR XA	XA	113,124, 125	YZ		XA
16D	YU OR YV	YU	126, 162	YV		YU
	YY	NONE	126, 142	YY		
	XB OR XC	XC	127	XB	XC	
17A	XD	NONE	128	XD		

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
18D	XY	NONE	139	XY		
19A	XZ	NONE	140	XZ		
	WU	NONE	138	WU		
			102, 146	APP FIG. 150	APP FIG.8	
			102, 146	APP FIG. 151	APP FIG. 9	
			102,146, 148,150, 303	APP FIG. 152		APP FIG. 10
			102, 146, 187	APP FIG. 153, 154	APP FIG. 26	
			102, 146	APP FIG. 155		
			102,146, 303	APP FIG. 156		APP FIG. 27
			102, 146	APP FIG. 157		
			102,146, 176,177, 185	APP FIG. 46		
			102,146, 176,177, 185	APP FIG. 47		
			102, 146	APP FIG. 48		
			102, 146	APP FIG. 49		
	WB OR WA,	WA	141, 1146	WB	WA	
	WC	NONE	102	WC		
	WD	NONE	102, 1154	WD		
			102, 160	APP FIG. 11		
	WP OR WQ	WP	102,131, 303	WQ	WF	
	WV,WX, G, OR F	G	102,146, 302	WX, WV	F,G	
	VE,YD, VC,OR YE	YD	102,146, 302	VC,VE	YD,YE	
	WY OR YF	YF OR NONE	102,146, 302	WY	YF	
	XG OR XR	XG OR NONE	102,134, 146	XG,XR		
	XI	NONE	102, 146	XI		
	XJ OR WW	XJ OR NONE	102	WW	XJ	
	XK OR WI	XK OR NONE	102	WI	XK	
	XL OR XX	XX OR NONE	102, 149	XL	XX	
	XS OR XT	XS	102,135 145	XT	XS	
	XE	NONE	102	XE		
	XV	NONE	102	XV		
			303			YH
			113, 302		Z	
			102,113, 1146		Y	
			102, 113		X	
			107,113, 302		T,V	
			106, 113		S	
			106		N	
			102,113, 302		K	
			109,113, 185		H	
			102,113, 1144		B	
			111, 113		ZA	
			112		ZC	
			102		ZH,ZI, ZG	
			102		ZJ,ZL	
			114		ZN	
			113, 116		ZO	

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
20D			105, 115		ZP	
			115		ZR	
			112, 113		ZT	
			113, 119		ZV	
			113, 120		ZX	
			113, 129		ZY	
			113		YA	
			118, 128		YC	
			102		YG	
			113		YJ	
					YK	
		YL	113		YL	
					YN	
					YO	
			120, 213		YQ	
			113, 121		YR	
			122		YT	
			126, 162		YV	
					YX	
			126, 142		YY	
			113,124, 125		YZ	
			127		XB	
			128		XD	
			139		XY	
			140		XZ	
	VA OR VB	NONE	102, 146	VA,VB		
	VF	VF	155		VF	
			138		WU	
	WH OR ZF	ZF OR NONE	102, 130, 302	WH	ZF	
	XW OR XF	XF OR NONE	102, 302	XW	XF	
21A	WE OR WF	WE	102		WE,WF	
	WG	NONE	113		WG	
	WJ OR WK	NONE OR WK WITH YY	142, 144		WJ	WK
	WL OR WZ	WZ	144		WL	WZ
	WM OR WN	WM			WN	WM
	WR OR WS	WS		WS		WR
	WT	NONE	147		WT	
22D	XM OR XQ	XM	102,113, 1140	XQ	XM	
			132, 302			XF
			130, 302			ZF
	VG	NONE	156		VG	
	VH	NONE	136		VH	
	VI	NONE	102,113 154		VI	
23D	VJ OR VK	VK	218		VK,VJ	
	VL	NONE	102, 172, 181,183, 188,191		VL	
	VO OR VN	VN	218		VO,VN	
			102,187, 1154		APP FIG. 158	
	VD	NONE	102,187, 1154		VD	
			303			WP
	VF	VF	155		VF	
25D	VP OR VQ	VP OR NONE	153	VQ		VP
			102, 146	APP FIG. 159 TO 162		
	VS	VS OR NONE	218	VS		
	VR	NONE	159	VR		
	VT	VM		VT		VM
	UF	NONE	102,146	UF		

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
29D	VU OR VV	VU	1146	VV		VU
	UB	NONE	161	UB		
	UC	NONE	162	UC		
31D	UG	NONE	163	UG		
32D			102, 146	APP FIG. 163		
	UI	NONE	145,164, 188,1117 1118, 1119,1150	UI		
	UH	NONE	162	UH		
	UK	NONE	164,166, 1104	UK		
33D	UI OR UL	UL	167	UI		UL
	UJ	NONE	165	UJ		
36D	UM OR UN	UM	137,168, 181	UN		UM
	UO	NONE	102,137, 146	UO		
	UP	NONE	102, 146	UP		
	UQ,UR	NONE	169	UQ,UR		
	US	NONE	162	US		
			164	UT		
			170, 1138, 1139	UU		
38AR			304			UO
39D	TA	NONE	102, 146	TA		
	TC	NONE	174	TC		
	TE	NONE	173	TE		
	TF	NONE	102, 146	TF		
	TG OR TH	TG	176	TH		TG
	TM	NONE	102,146 1164	TM		
			304			UO
	UV OR UW	UN & UV OR NONE	137, 168	UW		UV
	UX OR UZ	UX	171	UZ		UX
			102, 146	APP FIG. 164		
	TQ	NONE	175	TD		
			175		APP FIG.165	
	TB	NONE	172	TB		
	TN	NONE	178,1164	TN		
	TQ	NONE	179		TQ	
	TP	NONE	102,146, 180	TP		
	PH OR PX	NONE	102,146, 1124, 1145	PH, PX		
40AC	APP FIG.166	APP FIG.11, 12,42,45	102, 146	APP FIG. 166	APP FIG. 11,12,42,45	
	TJ OR TK	TJ		TK		TJ
41A	TS	NONE	183	TS		
	TT	UM OR NONE	184	TT		
42D			102,146, 1143	APP FIG. 167		
	TL	NONE	177	TL		
	TQ	UM OR NONE	181	TQ		
43D	TR	NONE	182	TR		
	TU OR TV	TU	102, 146	TU,TV		
	TW OR TX	TW	185	TX		TW
	TY	NONE	186,1164	TY		
	TZ	TZ	102, 146	TZ		
			102, 146	APP FIG. 168		
	SE OR SF	SF	221	SE,SF		
	SA	NONE	187	SA		

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT 2

SD-23805-01-07

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CIRCUIT NOTES: (CONT)

103. (CONT)

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
43D	SB	NONE	188, 191	SB		
	TT	TT,UM, OR NONE	184		TT	
	SK	NONE	192	SK		
45D	SC	~~NONE~~	189, 190	SC		
	SD	NONE	190	SD		
	SG	NONE	102, 146	SG		
	SL OR SM	SM	146, 1101	SL, SM		
	SO OR SN	SN	193	SO		SN
	SV	NONE	196	SV		
	SX	NONE	194	SX		
	RA OR RB	RA	195	RB		RA
	RC	NONE	197	RC		
48D	RD OR RE	RD	1100	RE		RD
	RG	NONE	198	RG		
	RJ	NONE	199	RJ		
			102		APP FIG. 176	
	RH	NONE	1102	RH		
	RI	NONE	1103	RI		
	RL,APP FIG.176	NONE	102		RL,APP FIG. 176	
49AR						SM
50AC	RN OR RO	RN	1104, 1119, 1124, 1125, 1134, 1140, 1144, 1147, 1146, 1148, 1150, 1151, 1161	RO	RN	
	RR	NONE	1110	RR		
51B	RQ	NONE	1105	RQ		
52D	RP	NONE	1106	RP		
	SR OR SQ	NONE	102, 146, 1107, 1108, 1161	SR,SQ		
	SP	NONE	146, 1107, 1108, 1153	SP		
	RM	NONE	146, 1108	RM		
	SY	NONE	102, 146, 1107, 1108, 1161	SY		
	RS	NONE	1109, 1164	RS		

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
52D	APP FIG. 169-175, 177,179	NONE	146, 1107, 1108, 1161	APP FIG. 169-175, 177,179		
	APP FIG. 178	NONE	146, 1108	APP FIG. 178		
54AC	QB	NONE	1112		QB	
55D	RT	NONE	102, 146	RT		
	RU	NONE	102, 146	RU		
	RY	NONE	1111, 1171			
	QC	NONE	1113	QC		
	QD	NONE	146	QD		
56D	RV	NONE	1114	RV		
	RW	NONE	1115	RW		
	RX	NONE	1116	RX		
	UI OR QE	QE OR NONE	164, 188, 1117, 1118	QE		
	QA	UM OR NONE	102, 146, 1119, 1138	QA		
	QG	NONE	1120	QG		
	QH	NONE	102, 146	QH		
	QJ OR QK	QJ		QK		QJ
	RZ	NONE	1121	RZ		
	QN	NONE		QN		
	QO	NONE	1122	QO		
	PM	B,WB OR NONE	1144		PM	
	PN	NONE	102, 1119, 1138	PN		
58A	QR	NONE	1123, 1170			
59D	QF	NONE	1124	QF		
	QQ	NONE	1125	QQ		
	QT	NONE	1126	QT		
	QV	NONE	1127	QV		
	QW	NONE	1128	QW		
	QX	NONE	1129	QX		
	QY	NONE	1130	QY		
60D	QU	NONE	1131	QU		
	QZ	NONE	1132	QZ		
	PC	NONE	1133	PC		
62D	PE	NONE	1135	PE		
	PD	NONE	1137	PD		

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ~~ON~~ ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
62D	PA OR PB	PA	102, 137, 146, 1134, 1146, 1162, 1166	PA,PB, APP FIG. 181,182		
	OV	NONE	102, 146	OV		
	PF OR PG	PF	102, 137, 146	PF,PG, APP FIG. 183,184		
	PK OR PL	PK WITH UU OR NONE	1138, 1139	PL		PK
	PQ	NONE	102, 1140	PQ		
64D	PI	ZA,A, OR NONE	102, 111	PI		ZA
	PS	PR OR NONE	102, 146, 1141	PS		PR
	KA	QH WITH KA OR NONE	1172	KA		
66D	PT	NONE	102, 146	PT		
	PU	NONE	146	PU		
	PV	NONE		PV		
	IC,ID, IE	IC,YJ WITH ID	113, 1142		IE	IC,ID
68D	PW	NONE	146	PW		
	PY OR PZ	NONE	1124, 1149		PY,PZ	
	OB	NONE	102, 146	OB		
	OF,IF	IF	LLA7	OF		IF
	NC	ZK OR NONE	1149			NC
69A	OC	NONE	102, 146, 1148	OC		
70D	OE	NONE	102, 146, 1146	OE		
	OG	NONE	102, 146, 1150, 1152, 1155	OG		
	APP FIG. 187	NONE	102, 146	APP FIG. 187		
	APP FIG. 188	NONE	102, 146	APP FIG. 188		
	OD, OJ	OD	102, 146	OD, OJ		
	OW	NONE	1152, 1154, 1155, 1159	OW		
	APP FIG. 197	NONE	1152, 1154		APP FIG. 197	
	APP FIG. 198	NONE	1155	APP FIG. 198		
71D	OP OR OQ	OQ	102, 146	OP, OQ		

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
71D	OR OR OS	OS	102, 146	OR		OS
	OH	NONE	102, 146	OH		
72A	OK OR OL	OK	1151	OL		OK
	OM,ON	OM	1151	OM,ON		
73D	OT,OU	OU	102, 146	OT,OU		
	OX	NONE	1138, 1152	OX		
	OY	NONE	102, 146, 1152	OY		
	OZ	NONE	102	OZ		
	NE	NONE	102, 146	NE		
	ND	NONE	137(C), 1154		ND	
	NF, NG	NF OR NONE	102, 146	NG		NF
75D	NA	NONE	102, 1153, 1161	NA		
	NH	NONE	102, 146	NH		
76A	NK	NONE	1157	NK		
	NM,NN	NM	1158	NN		NM
77D	APP FIG. 50	NONE	1159	APP FIG. 50		
	APP FIG. 51	NONE	1159	APP FIG. 51		
	APP FIG. 52	APP FIG. 150 AND PT WITH APP FIG. 52	102, 146	APP FIG. 52		
	APP FIG. 199,NO, NP,NQ, OR NL	NL	102, 146, 1160	APP FIG. 199,NO, NP,NQ, NL		
	NI	NONE	102	NI		
	NJ	NONE	102, 146, 1156	NJ		
78A (AC)	LE	NONE	102, 146	LE		
79D	LD	NONE	102, 146	LD		

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-D8

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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CIRCUIT NOTES: (CONT)

103. (CONT)

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
	APP FIG. 53,55	NONE	102, 146	APP FIG. 53,55		
	NT, NS, NU, NV, NW, NY, NZ, LA	APP FIG. 22 WITH (NS & NU), APP FIG. 24 WITH NV, APP FIG. 29 WITH (NW & NY), (APP FIG. 29 & WD) WITH NZ, APP FIG. 15 WITH LA OR NONE	102, 146	NT, NS, NU, NV, NW, NY, NZ, LA		
	NX, LI	APP FIG. 153 WITH NX OR NONE	102, 146	NX, LI		
79D	LN, LO	APP FIG. 154 WITH LN OR NONE	102, 146	LN, LO		
	LP, LQ	APP FIG. 156 WITH LP OR NONE	102, 146	LP, LQ		
	LF	APP FIG. 182 WITH LF OR NONE				LF
	LG, LH	PA OR (PB & APP FIG. 181)	1166, 1167			LG,LH, LB,APP FIG.181
	LT	OE WITH LT OR NONE				LT
	LJ, LL	APP FIG. 26 WITH LJ OR NONE	102	LJ, LL		
	LK, LM	APP FIG. 158 WITH LK OR NONE	102	LK, LM		
	LR, LS	APP FIG. 27 WITH LR OR NONE	102, 1168	-	LS	LR
			1165			
	LZ	NONE	102, 146	LZ		
	LY	QW WITH LY				LY
80A	KB	KB OR NONE	102, 146	KB		
80A (AC)	LC	NONE	1163	LC		
81D	LB	NONE	102, 146	LB		
82B	APP FIG. 54, LV,LX	LU AND/OR LW OR NONE	102, 146, 1169	APP FIG. 54, LV,LX		LU,LW
83D	KC,KD, KE,KI	XE WITH KC OR NONE	102, 146	KC,KD, KE,KI		

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
83D	KJ	NONE	102, 146	KJ		
84A	KF,KG, KH	RI OR NONE	1173	KF,KG, KH		RI
	KS,KT	KT	1174		KS	KT
	KZ	NONE	102, 146	KZ		
	JN	APP FIG. I AND (8,WB, PM) WITH JN	102, 110, 113, 141, 146, 1144, 1146, 1174, 1179	JN		
85D	JA,JL,KV	NONE	102, 146	JL,KV		
	KK		1152, 1155	KK		
	KL,KM, KN,KO, KP,KR		102, 146	KL,KM, KN,KO, KP,KR		
86A	JD	NONE				JD
87B	JB	NONE	102, 146	JB		
	JC			JC		
89B	JE	JF	102, 146, 1178	JE	JF	
	JG,JJ	NONE	102, 146	JG,JJ		
	IB,JM	APP FIG.11 OR 166 AND RO WITH JM OR RN WITH IB	102, 146, 1104, 1107, 1119, 1124, 1125, 1134, 1140, 1144, 1145, 1146, 1148, 1150, 1151, 1161, 1174, 1179	JM	IB	
	IA	NONE	1183	IA		
	KW,KX	NONE	102,146	KW,KX		
90B	JK	NONE	1180	JK		
91A	JO	KD,KE WITH JO	102, 146	JO		
	JP	XE,KE WITH JP	102, 146	JP		
	JQ	Y,WB WITH JQ	102, 113, 141, 146, 1146			
	JR	APP FIG. 168 WITH JR	102, 146, 1183	JR		
	JS	APP FIG. 199 WITH JS		JS		
	JT	TZ		JT	TZ	
	JU	M		JU	M	
	JV	T		JV	T	
	JW	Z		JW	Z	
	JX,JY	NONE	1183	JX,JY		
	JZ	NONE	1184	JZ		
92B			1185			APP FIG. 52,185, PT,PU,NI, NH,OH

103.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT STD	USE IN CIRCUIT A&M	USE IN CIRCUIT MD
94A (AC)	IH,II	IH	1186	IH,II		
95B	APP FIG 57,IG	NONE	102, 146	APP FIG 57,IG		
96B	APP FIG. 58,59,60, 61,62,63, IJ,IK	IJ	102, 146	APP FIG. 58,59,60, 61,62,63, IJ,IK		
	IP,IQ	(YG OR WB) WITH IP	102, 146, 1189	IP,IQ		
	IR,IS KY	KY	102, 146	IR,IS, KY		
	XH	APP FIG 22 WITH XH	102, 1192	XH		
97A (AC)	ZW,ZZ	ZW	1124	ZW,ZZ		
	IL,IM	APP FIG 13 WITH IL	1187	IL,IM		
	IN,IO	IN OR NONE	1188	IN,IO		
98B	IV,IW, IX,IY, IZ, APP FIG 64	IX	102, 146, 1189	IV,IW, IX,IY, IZ, APP FIG 64		
	KQ	PQ OR NONE	1190	KQ		
	KU	NONE	102, 146	KU		
100B	OA	NONE	1191		OA	
			1194			
	XN,XO	XN	102	XN,XO		
	APP FIG 65	NONE	102	APP FIG 65		
	XP	NONE	1193		XP	
101A (AC)	JH	NONE	102, 146	JH		

104.

NETWORK VALUES		
NETWORK NO.	RESISTANCE IN OHMS	CAPACITANCE IN uF
1	100	1.0
2	470	0.5
3	150	0.3
4	470	0.11
5	270	0.5
6	150	0.5

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-D9

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D9

CIRCUIT NOTES: (CONT) →(SSC) - OFFICE USING SINGLE SIDED T.R. CARD

105. (A&M ONLY) WHEN OPERATION WITH A FIRST AUXILIARY INCOMING REGISTER LINK FRAME IS REQUIRED, PROVIDE "Q" OPTION IF THE "RPB" AND "RPAB" LEADS ARE RUN ON A PER MARKER BASIS, OR PROVIDE "ZP" OPTION IF THESE LEADS ARE RUN ON A PER OFFICE BASIS.

106. (A&M ONLY) "S" AND "N" OPTIONS ARE REQUIRED IN ALL *(SSC) OFFICES WHERE THE PULSE CONVERSION FEATURE IS PROVIDED.

107. (A&M ONLY) "V" OPTION IS REQUIRED IN ALL *(SSC) OFFICES WHERE THE PRE-TRANSLATOR FEATURE IS PROVIDED.

108. (A&M ONLY) CONN ONE OF LEADS "DRO-DR9", FIG.10, CORRESPONDING TO THE MKR GRP NUMBER ASSIGNED FOR LINE INS TESTING, TO LEAD "DR" TO THE LINE INS TEST CONTROL CKT. *(SSC).

109. (A&M ONLY) "4" OPTION IS REQUIRED IN ALL *(SSC) OFFICES WHERE THE LINF INSULATION TEST CONTROL CIRCUIT IS TO BE ASSOCIATED WITH THE TROUBLE RECORDER FOR CARD RECORDS.

110. CANCELED ON ISSUE 98B.

111. (A&M ONLY) "PI" OPTION MUST REPLACE "ZA" AND "A" OPTIONS WHEN 12 LEVEL TRUNK SWITCH FEATURE IS PROVIDED. "ZA" OPTION MUST REPLACE "A" OPTION WHEN THE FREE NUMBER VERIFICATION FEATURE IS PROVIDED IN THE MASTER TEST CONTROL CIRCUIT. *(SSC)

112. (A&M ONLY) WHEN THE PBX SLEEVE VERIFICATION FEATURE IS PROVIDED IN THE MASTER TEST CONTROL CIRCUIT, "ZT" OPTION MUST REPLACE "ZS" OPTION. IN ADDITION, "ZC" OPTION MUST REPLACE "ZB" OPTION, IF FIG.37 IS NOT PROVIDED. *(SSC)

113. PREPARATORY TO CONVERTING AN OFFICE, THE FOLLOWING ACTION SHOULD BE TAKEN FOR THE OPTIONS SHOWN BELOW. THE MAJORITY OF THESE ARE WIRING OPTIONS AND ARE SHOWN IN TABLE 1 WITH OPTIONAL DESIGNATIONS. THE NEW ARRANGEMENTS ARE SHOWN IN TABLE 1B WITHOUT OPTIONAL DESIGNATIONS. PRIOR TO ISSUE 24D THIS NOTE WAS NOT SHOWN.

REMOVE	REPLACE BY	REMOVE	REPLACE BY	ADD	ADD	ADD	ADD
ZU,Z		R		ZV	YA	YR	
ZK,XA,YM		W	V	YZ	YL	S	VI
A		J	H	ZA	ZX	ZO	
ZS		T		ZT	YJ	Y,JQ	
XM		K		XQ	JE	X	
E	B,JN			ZY	WG.		

114. (MFR DISC.) PROVIDE "ZM" OPTION IF THE "RPO-4" LEADS ARE RUN ON A PER MARKER BASIS, OR PROVIDED "ZN" OPTION IF THESE LEADS ARE RUN ON A PER OFFICE BASIS.

115. (A&M ONLY) WHEN OPERATION WITH A SECOND AUXILIARY INCOMING REGISTER LINK FRAME IS REQUIRED, PROVIDE "Q" AND "ZQ" OPTIONS IF THE "RPB", "RPAB" AND "RPSA" LEADS ARE RUN ON A PER MARKER BASIS, OR PROVIDE "ZP" AND "ZN" OPTIONS IF THESE LEADS ARE RUN ON A PER OFFICE BASIS.

116. (A&M ONLY) "ZO" OPTION IS REQUIRED IN ALL *(SSC) OFFICES WHERE THE SECOND AND THIRD DIGITS ONLY (BX) OF THREE DIGIT OFFICE CODES (ABX) ARE RECEIVED FROM OTHER OFFICES.

117. WHEN THE PRETRANSLATORS AND PRETRANSLATOR CONNECTORS ARE USED IN COMMON WITH TWO MARKER GROUPS, THE ASSOCIATED EQUIPMENT IN THE MASTER TEST FRAME CONNECTOR CKT SHALL BE PROVIDED IN THE FIRST OR SECOND SUCH CIRCUIT ONLY. PRETRANSLATOR EQUIPMENT SHALL BE CONSIDERED AS NOT PROVIDED WITH RESPECT TO THE OTHER MASTER TEST FRAME CONNECTOR CKT.

118. (A&M ONLY) "YC" OPTION MUST BE PROVIDED IF ASSOCIATED LINE LINK MARKER CONN ARE ARRANGED TO MOUNT A MAXIMUM OF 8 CONN ON A BASIC FRAME (A&M ONLY) OR 16 CONN ON A SPLIT BASIC FRAME (MFR DISC).

119. (A&M ONLY) "ZV" OPTION MUST REPLACE "ZU" OPTION WHEN TWO OR THREE DIGIT CODE CONVERSION IS ADDED TO AN EXISTING OFFICE. *(SSC)

120. (A&M ONLY) "YQ" AND "ZX" OPTIONS MUST BE PROVIDED WHEN PROVISION FOR XOX AND XIX CODES IS ADDED TO AN EXISTING OFFICE.

121. (A&M ONLY) "YR" OPTION MUST BE PROVIDED IF OPERATION WITH 9 OR 10 OUTGOING SENDER GROUPS IS REQUIRED IN AN EXISTING OFFICE. *(SSC)

122. (A&M ONLY) "YT" OPTION MUST BE PROVIDED WHEN THE "EXTRA THEORETICAL" RATE DISCRIMINATION SUBDIVISION IS PROVIDED IN AN EXISTING OFFICE.

123. PRIOR TO ISSUE 15D THE INFORMATION IN TABLE 1 WAS CONTAINED IN TABLES 8A,8B,10A,10B,26A,26B,AND 27A. TABLES 2-6 WERE NOT SHOWN.

CIRCUIT NOTES: (CONT)

124. (A&M ONLY) REMOVE "XA" OPTION, IF PROVIDED WHEN PROVIDING "YZ" OPTION. "YZ" OPTION MUST BE PROVIDED FOR OPERATION IN MARKER GROUPS ARRANGED FOR 60 CLASSES OF SERVICE. *(SSC)

125. (A&M ONLY) PRIOR TO ISSUE 16D "XA" OPTION WAS A PART OF "ZK" OPTION.

126. (A&M ONLY) WHEN FACD IS PROVIDED "YV" & "YY" OPTIONS MUST REPLACE "YU" OPTION. *(SSC)

127. (A&M ONLY) WHEN PROVISION FOR MORE THAN 20,000 NUMBERS IN A MARKER GROUP IS REQUIRED IN EXISTING OFFICES PROVIDE "XB" OPTION & REMOVE "XC" OPTION.

128. (A&M ONLY) "XD" & "YC" OPTIONS MUST BE PROVIDED WHEN THIS CIRCUIT CONNECTS TO WIRE SPRING LINE LINK MKR CONNECTORS.

129. (A&M ONLY) WHEN AN ASSOCIATED NON-WIRE SPRING COMBINED OR COMPL MARKER IS ARRANGED TO PROVIDE WORK TIMER (WT), SHORT DELAY TIMER (SDT), & LONG DELAY TIMER (LDT) TROUBLE RECORDER PUNCHES, OR WHEN THIS CKT IS ASSOCIATED WITH A WIRE SPRING COMPLETING MARKER, "ZY" OPTION MUST BE PROVIDED. *(SSC)

130. (A&M ONLY) PRIOR TO ISS 22D WHEN AUTO. PROG TRK TESTING OR THE REMOTE OFF. TEST LINE CKT WAS ADDED TO AN OFF. USING SINGLE SIDED TBL RCDR CARD AND HAVING AMA AND/OR PRETRANSLATORS, "ZF" OPTION WAS PROVIDED. BEGINNING WITH ISSUE 22D WHEN LINE VERIFICATION AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT IS ADDED TO AN OFFICE HAVING "ZF" OPTION, "ZE" OPTION MUST BE REMOVED AND REPLACED BY "WH" OPTION.

131. "WQ" OPTION MUST BE PROVIDED IN ALL OFFICES HAVING AMA AND USING DOUBLE SIDED T.R. CARD.

132. (A&M ONLY) WHEN THE PREFERENCE RELAYS FOR LINE VERIFICATION AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT IS ADDED TO AN OFFICE HAVING AUTOMATIC PROGRESSION TRUNK TESTING OR THE REMOTE OFFICE TEST LINE CKT INSTALLED PRIOR TO ISS 22D, "XF" OPTION MUST BE REMOVED AND REPLACED BY "XW" OPTION.

133. NOTE CANCELLED (SEE NOTE 1181)

134. (A&M ONLY) "XG" OPTION MUST BE REMOVED AND REPLACED BY "XR" OPTION WHEN THE LINE VERIFICATION CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD OR THE PREFERENCE RELAYS FOR LINE VERIFICATION AND/OR COMPUTER LINE VERIFICATION ACCESS CKT ARE ADDED TO AN OFFICE USING SINGLE SIDED T.R. CARD AND HAVING AUTOMATIC PROGRESSION TRUNK TESTING OR REMOTE OFFICE TEST LINE CKT WITH AMA INSTALLED PRIOR TO ISS 20D.

135. (A&M ONLY) WHEN AN OFFICE CONVERTS FOR OPERATION WITH SECOND EXTENSION TRUNK LINK FRAMES, PROVIDE "XT" OPTION AND REMOVE "XS" OPTION.

136. (A&M ONLY) WHEN CONNECTION TO TWO THOUSAND LINE TRANSLATOR IS REQUIRED, "VH" OPTION MUST BE PROVIDED.

137. (A&M ONLY) THE MASTER TEST FRAME CONNECTOR WILL CONVERT FOR USE WITH THE DOUBLE SIDED TROUBLE RECORDER CARD UNDER THE FOLLOWING CONDITIONS:
(SEE CKT NOTE 1162)
(A) WHEN AMA IS ADDED TO AN OFFICE WHICH WAS NOT EQUIPPED WITH AMA PRIOR TO ISS 20D.
(B) WHEN THE NUMBER OF TRANSVERTERS IN AN OFFICE PRIOR TO ISS 20D IS INCREASED TO EXCEED SIX.
(C) WHEN THE NUMBER OF AMA RECORDERS IN AN OFFICE PRIOR TO ISS 20D IS INCREASED TO EXCEED 10 REGULAR RECORDERS PLUS 1 EMG RECORDER. (THIS CONDITION CAN BE EXPECTED BY THE APPLICATION OF OPTION "ND" TO PROVIDE FOR UP TO 20 REGULAR RECORDERS PLUS 1 EMG RECORDER.)
(D) WHEN CAMA AND/OR OPERATION WITH SECOND EXTENSION TRUNK LINK FRAMES ARE ADDED TO AN OFFICE HAVING AMA INSTALLED PRIOR TO ISSUE 20D.
(E) WHEN 4-WIRE OPERATION IS ADDED TO AN OFFICE.
(F) WHEN MARKER GROUP IS ARRANGED FOR 20 CLASSES OF SERVICE AND 20 RATE TREATMENTS.
(G) WHEN CENTREX OPERATION IS REQUIRED.
(H) WHEN NUMBER GROUP TENS BLOCK SCREENING IS PROVIDED.
(I) WHEN LINE LINK PULSING IS PROVIDED.
(MFR DISC) (J) WHEN ROUTE TRANSLATOR IS PROVIDED.
(K) WHEN THE AUTOMATIC RANGE EXTENSION TEST CKT IS PROVIDED.
(L) WHEN MAGNETIC TAPE AMA IS PROVIDED.

138. NOTE CANCELLED.

139. (A&M ONLY) WHEN A PRETRANSLATOR CONN SUB GROUP EXCEEDS 20 ORIG REGISTERS BUT NOT MORE THAN 24, "XY" OPTION MUST BE PROVIDED.

140. (A&M ONLY) WHEN AN OFFICE IS ARRANGED FOR THE 6TH TRANSVERTER, "XZ" OPTION MUST BE PROVIDED. *(SSC)

CIRCUIT NOTES: (CONT)

141. PROVIDE "WB", "JN", AND "JQ" OPTIONS WHEN THE MASTER TEST FRAME CONNECTOR IS EQUIPPED WITH APP FIG. 150 (NEW STANDARD FRAME, DOUBLED SIDED T. R. CARD.

142. PRIOR TO ISSUE 21A "WK" OPTIONS WAS A PART OF "YY" OPTION.

143. FOR MARKER ASSOCIATED WITH LINE INSULATION TEST CONTROL CIRCUIT.

144. (A&M ONLY) WHEN WIRE SPRING MARKERS ARE ADDED TO AN OFFICE HAVING U TYPE MARKERS AND ARRANGED FOR TRUNK SERVICE OBSERVING, "WJ" AND "WL" OPTIONS MUST BE PROVIDED, AND WHEN TRUNK SERVICE OBSERVING IS ADDED TO AN OFFICE HAVING ALL U TYPE MARKERS: "WJ" OPTION MUST BE PROVIDED.

145. CANCELED ON ISSUE 98B.

146. (CONT) CIRCUIT NOTES: (CONT)

PAR		FEATURE OR OPTION	PROVIDE: APP FIG.	APP OR WRG	QUANTITY
16	LAMA/CAMA	WHEN LAMA OR CAMA IS PROVIDED	14,15,17,18,19,21,22,29,30		1 EACH PER CKT
			20		1 PER INT TV
			25,153		1 PER TV
17	PAPER/MAG	PAPER TAPE AMA		NS,NU,NV,NW,NX,NY,NZ,LA,LN,LQ,KB	
			13		1 PER CKT
			16		1 PER INT REG RCDR
			23,28	SEE NOTE 201	1 EACH PER CKT
			24	SEE NOTE 202	1 PER AMA RCDR INC THE EMER RCDR
			156	SEE NOTE 201	1 PER CKT
		MAG TAPE LAMA (SEE NOTE 1164 & 1167		LT,LQ,LQ,NT	
			16		1 PER INT TRK CONT
			24		1 PER TRK CONT INC THE EMER TRK CONT
			53		1 PER CKT
			55		1 PER LAMA TV
			156		1 PER CKT
18	ANY OR ALL	AUTOMATIC RANGE EXTENSION STUCK SENDER TRUNK IDENTIFICATION EXPANDED MARKER FEATURE IODD PRETRANSLATOR ROUTE TRANSLATOR (MFR DISC.)	182		1 PER CKT
19		WHEN CAMA IS PROVIDED (PAPER TAPE ONLY)	155		1 PER CAMA TV
21		CONNECTOR FOR REGISTER IDENTIFICATION LEADS	35		1 PER CKT
22		PRETRANSLATOR	47		1 PER CKT
		AUXILIARY PREFERENCE RELAY — WHEN NEITHER LAMA NOR ANI IS PROVIDED		XI	
23		MASTER TEST CONT	43		1 PER CKT
		AUXILIARY PREFERENCE RELAYS — WHEN EITHER LAMA OR ANI IS PROVIDED		XR	
		AUXILIARY PREFERENCE RELAYS — WHEN NEITHER LAMA NOR ANI IS PROVIDED		XG	
24		AUTOMATIC PROGRESSION TRUNK TESTING OR REMOTE OFF. TEST LINE CKT PREFERENCE RELAYS (SEE NOTES 1136 & 1174)	44		1 PER CKT
25		NO TEST CONNECTOR PREFERENCE RELAY FOR LINE INSULATION TEST	39		1 PER CKT
26		LINE INSULATION TEST PREFERENCE RELAY — LAMA, CAMA, OR ANI NOT PROVIDED	40		1 PER CKT
				M	
27		CALLING LINE IDENTIFICATION FEATURE PROVIDED (SEE NOTE 1155)		KK	
28		REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT PROVIDED WITH CANCEL AMA		KZ	

146. (FOR DOUBLE SIDED TROUBLE RECORDER CARD - NEW FRAME)(TABLE IA OR IE).

PAR	FEATURE OR OPTION			PROVIDE: APP FIG.	APP OR WRG	QUANTITY
1	MASTER TEST FRAME CONNECTOR CONT			1		1 PER CKT
2	TEST PREFERENCE MARKER			2		1 PER CKT
3	MARKER PREFERENCE		FIRST MARKER	3		1 PER 1ST MKR
			INT MARKER	4		1 PER INT MKR
			LAST MARKER	5		1 PER L MKR
4	COMPLETING MARKERS	MARKER CONNECTOR CONT		6		1 PER MKR
		MARKER CONNECTOR RELAYS		150		1 PER MKR
5	DIAL TONE MARKERS	MARKER CONNECTOR CONT		41		1 PER MKR
		MARKER CONNECTOR RELAYS		151		1 PER MKR
6	PREFERENCE RELAYS FOR NO TEST CONNECTOR			7		1 PER CKT
7	SCANNING CONNECTOR FOR TROUBLE RECORDER			152		9 PER CKT
8	REPEATING RELAYS FOR HM, T, U, JC, RF, EF, EXB, SEF, & XSC LEADS (SEE NOTE 1182)			166		45 PER CKT
9	LAMA, CAMA, OR ANI			54		1 PER CKT
		WITH AMA TRANSLATORS			LV	
		WITH AIOD TRANSLATORS			LX	
11	LAMA PROVIDED OR CAMA WITHOUT ANI PROVIDED				TZ	
12	LAMA PROVIDED			154		1 PER LAMA TV
13	LAMA OR (ANI WITH CAMA, WITH MASTER TEST FRAME PROVIDED)			48		1 PER CKT
14	LAMA, CAMA OR ANI (WITH MASTER TEST FRAME)				UF	
15	PROGRAM CONTROLLED TRANSVERTER CKT	LIT DIRECTORY NUMBER PRINTOUT	PROVIDED		JA	

CIRCUIT NOTES: (CONT)

146. (CONT) PAR	FEATURE OR OPTION		PROVIDE APP FIG	APP OR WRG	QUANTITY
			157		
30	CONNECTOR RELAY FOR TRUNK CLASS EXPANSION	MARKERS NOT ARRANGED FOR CAMA OR TOLL SCREENING		VA	
		MARKERS ARRANGED FOR CAMA AND/OR TOLL SCREENING		VB	
31	LINE INSULATION TEST CONTROL CIRCUIT PROVIDED			VO	
		TROUBLE RECORDER USED FOR ASSOC LINE TROUBLE RECORDS		WV	
		TTY USED FOR ASSOC LINE TROUBLE RECORDS		WX	
		FOR MARKER ASSOC WITH LINE INSULATION TEST CONTROL CIRCUIT		WY	
32	LINE INSULATION TEST CONTROL CIRCUIT NOT PROVIDED			VE, WX	
33	4-WIRE OPERATION		163 (SEE NOTE 219)	TP	1 PER COMPL MKR
	WITH AUTO MONITOR, REGISTER AND SENDER TEST CKT ARRANGED FOR TESTING 4-WIRE ORIG REG INC REG & SENDERS			QH	
34	UNIVERSAL PAD CONTROL				
35	DUPLICATE NO GROUP USAGE CONTROL				
36	FOR OPERATION WITH THE TSPS ARRANGEMENT OF IODD			OR	
37	12 LEVEL TRUNK SWITCH OPERATION (SEE NOTE 1172)				
38	PPCS-TO REMOTE CAMA			UP	
39	AUXILIARY CONNECTOR RELAYS WITH	NUMBER GROUP TENS BLOCK SCREENING PROVIDED	164	TA,PH OR PX (SEE NOTE 1145)	1 PER COMPL MKR
		LINE LINK PULSING PROVIDED			
		PHASE III CENTREX PROVIDED		SL,TA	
		CENTREX INCOMING RESTRICTED SERVICE PROVIDED (FOR STATIONS REACHED VIA LLP ON A HUNDREDS BLOCK BASIS)		RU	
40	AMA TRANSLATOR LINE VERIFICATION TEST CKT PROVIDED			TM	1 PER TV GROUP ASSOC WITH TV-O
41	INTERTOLL TRUNK TESTING FROM THE AUTO PROGRESSION TRUNK TEST			TF	
42	TRUNK TEST REGISTER CKT		167		1 PER CKT
43	FSP SENDER TEST (SEE NOTE 185)	PROVIDED	167		1 PER CKT
		NOT PROVIDED		TV	
44	POST NO 5 ETS-LLP AND/OR LLP/AIS OPERATION		57	TU	
				IG	1 PER COMPL MKR
46	LINE LINK PULSING TRUNK TESTING FROM THE AUTO PROGRESSION TRUNK TEST (SEE NOTE 1178)			SG, JE, JF	
47	PROVIDES CONVERSION OF 30 CLASS OF SERVICE TO A 2/5 PUNCH DESIGNATION SYSTEM .			SR	
48	PROVIDES CONVERSION OF 100 CLASS OF SERVICE TO A 2/5 PUNCH DESIGNATION SYSTEM			SO	
49	PROVISION FOR CONVERSION TO 2/5 PUNCH DESIGNATION SYSTEM FOR TROUBLE RECORD PUNCH DESIGNATION EXPANSION		169-175, 177, 179	SP, SY	1 PER CKT
50	MULTILEVEL PREEMPTION		178	RM	1 PER COMPL MKR
51	FOR OPERATION WITH DIRECT ACCESS PRETRANSLATOR CIRCUITS			RT	
52	RANGE EXTENSION			QA	
53	BILLING DATA TRANSMITTER CKT PROVIDED			JC	

146. (CONT) PAR	FEATURE OR OPTION			PROVIDE APP FIG	APP OR WRG	QUANTITY
54	AUTOMATIC RANGE EXTENSION TEST CIRCUIT	NOT PROVIDED			PF	
		PROVIDED		183, 184	PG	
55	PBX TOLL DIVERSION (SEE NOTE 1190)				PQ	
56	TRAFFIC SAMPLING BY AMA RECORD				PS	
57	TESTING OF TRUNK LINK FRAMES 20-29 BY THE REMOTE OFFICE TEST CONTROL CKT (SD-27727-01) PROVIDED				JB	
58	EXPANDED ROTL-IMPROVED OPERATIONAL TRUNK TESTING PROVIDED				KU	
59	WHERE AN OFFICE IS ARRANGED FOR CENTRALIZED ATTENDANT FEATURE				PW	1 PER CKT
61	WITH MARKERS ARRANGED FOR NEW NUMBERING PLAN WITH INTERCHANGEABLE CODES				OC	
62	OFFICE ARRANGED FOR EXPANDED MARKER FEATURE (12 COMPL MKR & DT MKR MAX)				OE	1 PER CKT
63	WHEN AN OFFICE IS ARRANGED TO PROVIDE CALL WAITING SERVICE (SEE CKT NOTE 1155)				OG	
64	MARKER PREFERENCE AND CONNECTOR CONTROLLER FOR 9TH-12TH COMPLETING MARKERS			187		1 PER MKR
65	MARKER PREFERENCE AND CONNECTOR CONTROLLER FOR 5TH AND 6TH DIAL TONE MARKERS			188		1 PER MKR
66	AUTOMATIC RANGE EXTENSION TEST CKT, LINE VERIFICATION CKT, AND/OR COMPUTER LINE VERIFICATION ACCESS CKT, OR TRUNK TEST REGISTER CKT IN AN OFFICE WITH NEW NUMBERING PLAN WITH INTERCHANGEABLE CODES				OJ	
67	FOR OPERATION WITH PRETRANSLATOR CIRCUITS (SEE NOTE 117)	WITHOUT NEW NUMBERING PLAN		1	OD	1 PER CKT
		MASTER TEST FRAME OR OFFICE TEST FRAME PROVIDED		32		1 PER CKT
				33		1 PER CKT
				34		1 PER CKT IF 3 PRETRANSLATORS ARE PROVIDED
				36		1 PER PRE-TRANSLATOR
				37		1 PER PRE-TRANSLATOR
				38		1 PER CKT
		100D PRETRANSLATORS PROVIDED		36		1 PER PRE-TRANSLATOR
				37	OP	1 PER PRE-TRANSLATOR
					OP	1 PER CKT
				189	OP	1 PER CKT
				190	OP	1 PER CKT
		100D PRETRANSLATORS NOT PROVIDED			OQ	
		PRETRANSLATOR FOR USE WITH INCOMING REGISTERS PROVIDED		191	OT	1 PER CKT
				192	OT	1 PER CKT
				193	OT	1 PER CKT
				36		1 PER PRE-TRANSLATOR
				37	OT	1 PER PRE-TRANSLATOR
				38	OU	1 PER 3 INC REG PRT
				35	OT	1 PER CKT
		NOT PROVIDED			OU	
		OFFICE TEST FR ONLY			QD	
68	FOR OPERATION WITH DYNAMIC OVERLOAD CONTROL AND/OR EADAS/NM (FOR CONTROL OF ROUTES 20-39)				OY	
69	PREFERENCE RELAYS FOR	REMOTE OFFICE TEST LINE (ROTL) CKT OR REMOTE OFFICE TEST LINE REGISTER (ROTR) CKT		194, 195, IR	OV, IR	1 PER CKT
		MINI-ROTL CONN CKT		195	IS	1 PER CKT
			NOT PROVIDED			KY

146. (CONT) PAR	FEATURE OR OPTION			PROVIDE APP FIG	APP OR WRG	QUANTITY
70	TEST CIRCUIT CONTROL OF "CANCELLATION OF AMA RECORDING ON TEST CALLS."				NE	
71	IDENTIFICATION OF AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATORS (AIODT) WITH AIODT 0,1,2 TROUBLE PUNCH				NG	
73	OFFICE ARRANGED TO ACCEPT TROUBLE RECORDS FROM CO-LOCATED AUTOMATIC CALL DISTRIBUTION OFFICE (SEE CKT NOTE 1160)	YES		199	NO, NP	1 PER CKT
		NO			NL	
74	PAPER TAPE	FOR OPERATION WITH MORE THAN 20 PLUS 1 EMERGENCY AMA RECORDERS (MAXIMUM 30 PLUS 1 EMERGENCY RECORDERS)			NJ	
75	MARKER ARRANGED FOR EXPANDED PERM SIGNAL ROUTING (SEE NOTE 1175)				LD	
76	TRUNK TEST CKT ARRANGED FOR AUTOMATIC RECYCLE FEATURE (SEE NOTE 1179)				LE	
77	OFFICE WITH APTT, ARRANGED FOR TEST OF TRUNKS TO TSPS USING DIGIT "0" PREFIX				LZ	
78	OFFICE WITH APTT ARRANGED FOR AUTOMATIC RESTART AND/OR PRINTOUT AND/OR RANDOM TRUNK SELECTION (SEE NOTE 1184)				LB	
79	LINE VERIFICATION AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT TEST PREFERENCE RELAYS (SEE NOTE 1174)	PROVIDED		46	KC	1 PER CKT
		LAMA OR ANI-CAMA PROVIDED		49		1 PER CKT
		LINE VERIFICATION ONLY			JP, XE	
		COMPUTER LINE VERIFICATION ACCESS CKT PROVD			JH	
		COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT PROVIDED			JO, KD	
		BOTH LINE VERIFICATION AND COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT			JO, KE, XE	
		ETSPD CKT PROVIDED AND				
		ONLY WIRE SPRING COMPL MARKERS FURNISHED			KW	
		SOME OR ALL FLAT SPRING COMPL MARKERS FURNISHED			KX	
		COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT NOT PROVIDED			KI	
80	LIT PRINTOUT OF DIRECTORY NUMBER (SEE NOTE 306)	PROVIDED	ANI PROVIDED	56	JL, KM, KN	1 PER CKT
			ANI/LAMA PROVIDED		KM, KO, JA	
			LAMA PROVIDED		JL, KM, KO, KV	
			USING TTY CONTROL		KR	
			USING TROUBLE RECORDER		KP	
		NOT PROVIDED			KL	

146. (CONT) PAR	FEATURE OR OPTION			PROVIDE APP FIG	APP OR WRG	QUANTITY
81	INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (SEE NOTE 1183)				JG	
83	AUTOMATIC NUMBER IDENTIFICATION AND OR CAMA-C WITH PROGRAM CONTROLLED TRANSVERTER PROVIDED	WITH MASTER TEST FRAME ONLY	WITH CAMA	168		1 PER CKT
			WITHOUT CAMA	159		1 PER CKT
		WITH MASTER TEST FRAME OR OFFICE TEST FRAME PROVIDED	ANI ONLY	162		1 PER CKT
				160		1 PER ATV/PCTV
				161		1 PER ATV/PCTV
		WITH OFFICE TEST TEST FRAME ONLY			QD	
84	AUTOMATIC TROUBLE ANALYSIS (ATA PROVIDED) (SEE NOTE 1189)	NO			IV, IX	
		YES			IQ, JQ	
		TEST SET TYPE TESTING PROVIDED (SEE NOTE 11898)	NO		IX	
			YES	64	IY	1 PER CKT
85	WHEN OFFICE IS ARRANGED FOR STUCK SENDER TRUNK IDENTIFICATION	LESS THAN 19 OUTSENDER LINK FRAMES		186	OB	1 PER CKT
		MORE THAN 18 OUTSENDER LINK FRAMES			OB, KJ	
86	CALL DATA TRANSMITTER PROVIDED	NO			IJ	
		YES			IK	
		PREFERENCE RELAYS (FOR MTF-OFFICE ONLY)		62		1 PER CKT
		CONNECTOR REL		60		1 PER TRANSLATOR ACCESS (MAX 3)
				61		1 PER CONTROLLER (MAX 2)
		CONTROL REL FOR TRANSLATOR ACCESS		59		1 PER TRANSLATOR ACCESS CKT (MAX 2)
		CONTROL REL FOR SHARED (3RD) TRANSLATOR ACCESS		58		1 PER 3RD TRANSLATOR ACCESS CKT

MASTER TEST FRAME CONNECTOR CKT

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CIRCUIT NOTES: (CONT)

146. (CONT)

PAR	FEATURE OR OPTION	PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE QUANTITY

146. (CONT)

PAR	FEATURE OR OPTION	PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE QUANTITY

147. OPTION WT MUST BE PROVIDED WHEN AN OFFICE IS EQUIPPED (A&M ONLY) WITH TROUBLE RECORDER CONN CKT.

148. CONNECT ONE OF LEADS DRO-DR9 FIG 152, CORRESPONDING TO THE MKR GROUP NUMBER ASSIGNED FOR LINE INS TESTING, TO LEAD DR TO THE LINE INS TEST CONTROL CKT.

149. OPTION XL MUST BE PROVIDED FROM LAST FIG 36 ONLY.

150. PROVIDE K FUSING WHEN FIG 152 IS FURNISHED ON THE MTC FRAME: PROVIDE U FUSING WHEN FIG 152 IS FURNISHED ON THE SAMTC FRAME.

151. NOTE CANCELLED (SEE NOTE 1181).

152.

153. (A) BEGINNING WITH ISSUE 25D WHEN AUTO PROG TRK TESTING OR THE ROTL CKT OR THE PREF RELAYS FOR AUTO PROG OR THE ROTL CKT ARE ADDED TO AN OFFICE USING SINGLE SIDED TBL RCDR CARD, OPTION VQ MUST BE PROVIDED.

(B) OPTION VQ MUST BE ADDED AND OPTION VP REMOVED WHEN THE AUTO PROG TRK TEST OR THE ROTL CKT FEATURE IS ADDED IN OFFICES IN WHICH THE PREF RELAYS FOR AUTO PROG OR THE ROTL CKT WERE FURN PER ISSUES 20D (NEW STD FR), 22D (FOR OFFICES USING SINGLE SIDED TBL RCDR CARD) AND 23D (CONV OFFICES).

(C) OPTION VQ MUST BE ADDED AND OPTION VP REMOVED WHEN AN OFFICE WHICH HAS AUTO PROG TRK TESTING OR THE ROTL CKT REQ TESTING OF CAMA TRUNKS.

154. IN AN OFFICE WHICH USES THE SINGLE SIDED TBL RCDR CARD, (A&M ONLY) AND IN WHICH AUTO PROG TRK TESTING WAS INSTALLED PRIOR TO ISSUE 22D, OPTION VI MUST BE PROVIDED FOR TESTING DDD TRUNKS.

155. PRIOR TO ISSUE 20D, OPTION VF WAS NOT SHOWN. TABLE I IS (A&M ONLY) OPTION VF AND SHOWS THE WIRING THROUGH CONNECTOR RELAYS FOR AN OFFICE USING THE SINGLE SIDED TBL RCDR CARD.

156. OPTION VG MUST BE PROVIDED WHEN THE MASTER TEST FRAME (A&M ONLY) CONNECTOR, CONNECTS TO THE WIRE SPRING TRANSVERTER CONNECTOR CIRCUIT.

157.

158.

159. IN OFFICES HAVING AUTO PROG TRK TESTING OPTION VR MUST BE PROVIDED FOR SELECTING A TRUNK FOR TEST BY ROUTE ADVANCING OUT OF AN ALLOTTED TRUNK GROUP.

160. PRIOR TO ISSUE 20D THE (SEF) RELAY WAS NOT SHOWN IN FIG 11.

161. OPTION UB MUST BE PROVIDED IN OFFICES ARRANGED FOR PUSHBUTTON OPERATION.

162. TO ADD DIGIT 1 ACCESS CODE OPERATION TO AN EXISTING OFFICE, PROVIDE OPTIONS UC,UH AND US AND REPLACE OPTION YU, IF PROVIDED BY OPTION YV.

163. OPTION UG IS REQUIRED IN OFFICES WHERE MARKER GROUP IS ARRANGED FOR 100 CLASSES OF SERVICE AND 20 RATE TREATMENTS.

164. OPTIONS UI,UK,UT AND QE ARE REQUIRED WHEN 4-WIRE OPERATION IS ADDED TO AN OFFICE.

165. OPTION UJ IS REQUIRED IN OFFICES WHERE MARKER GROUP IS ARRANGED FOR 20 CLASSES OF SERVICE AND 20 RATE TREATMENTS.

166. OPTION UK IS REQUIRED FOR OPERATION WITH MORE THAN TWO ORIGINATING REGISTER GROUPS.

167. WHEN OPTION UI IS PROVIDED, OPTION UL MUST BE REMOVED.

168. FOR CENTREX OPERATION-PROVIDE OPTIONS UN, UW, REMOVE OPTIONS UM,UV. (SEE CKT NOTE 1157)

169. PROVIDE OPTION UQ WHEN 7 TO 10 OFFICE INDICES ARE REQUIRED. PROVIDE OPTIONS UQ,UR WHEN 7 TO 30 OFFICE INDICES ARE REQUIRED.

170. WHEN EXISTING OFFICES ARE ARRANGED FOR MORE THAN 1000 TRUNK NUMBERS, OPTION UU MUST BE PROVIDED.

171. PROVIDE OPTION UZ WHEN NUMBER GROUP TENS BLOCK SCREENING OR POST ETS-LLP/AIS IS ADDED TO AN OFFICE.

172. PROVIDE OPTIONS VL AND TB WHEN MARKER IS ARRANGED TO CANCEL RINGING SWITCH OPERATION (SD-26002-01, OPTION TM; SD-25550-01, FIG 182).

173. PROVIDE OPTION TE IF ORIGINATING REGISTERS ARE ARRANGED TO FUNCTION WITH THE PRIVATE LINE NETWORK FEATURE (PREFIX DIGIT 8).

174. OPTION TC PROVIDES A MEANS FOR IDENTIFICATION OF CAMA CALLS WITH POOR TRANSMISSION BY THE CAMA OPERATOR.

175. IF XSC LEAD IS USED AND FIG 166 IS NOT PROVIDED, PROVIDE FIG 165 AND OPTION TD.

176. NOTE CANCELLED (SEE NOTE 1181).

177. NOTE CANCELLED (SEE NOTE 1181).

178. PROVIDE OPTION TN WHEN COMBINED ANI-LAMA TRANSVERTERS ARE USED.

179. PROVIDE OPTION "TO" IN OFFICES HAVING STATIONS RESTRICTED TO (A&M ONLY) INCOMING TRAFFIC WHEN THESE OFFICES ARE NOT ARRANGED FOR NUMBER GROUP TENS BLOCK SCREENING.

180. WHEN PROVISION FOR A ROUTE CONTROL DIGIT OR RING ROUTING CONTROL IS ADDED TO AN EXISTING 4-WIRE OFFICE, OPTION TP MUST BE PROVIDED.

181. WHEN TWO LINE NUMBER FEATURE IS USED, PROVIDE OPTIONS VL AND TQ, REMOVE OPTION UM.

182. PROVIDE OPTION TR WHEN LINE SWITCHING OF PBX STATIONS IS USED WITH:
A. 4 OR 5 DIGIT DIALING IN SAME MARKER GROUP
OR
B. PRIVATE LINE NETWORK OPERATION.

183. OPTIONS VL AND TS MUST BE PROVIDED FOR ALL JOBS USING LINE LINK PULSING OR TIE LINE PAD CONTROL FEATURES. OPTION TS MUST BE PROVIDED FOR POST ETS-LLP/AIS.

184. OPTION TT MUST BE PROVIDED WHEN TIE LINE PAD CONTROL (A&M ONLY) FEATURE IS USED.

185. NOTE CANCELLED (SEE NOTE 1184).

186. PROVIDE OPTION TY IN OFFICES EQUIPPED FOR AUTOMATIC IDENTIFICATION OF OUTWARD DIALING FROM PBX'S.

187. WHEN SAMPLE TRAFFIC COUNT IS REQUIRED IN:
A. OFFICES EQUIPPED WITH FIG 26, OPTIONS VD AND SA, AND FIG 158 MUST BE PROVIDED.
B. OFFICES USING NEW STANDARD MTFC FRAME OPTION SA MUST BE PROVIDED.

188. FOR OPERATION WITH UNIVERSAL PAD CONTROL, PROVIDE OPTIONS UI,VL,QE AND SB.

189. FOR DIAL TRANSFER OPERATION WITH PHASE I AND PHASE II CENTREX, PROVIDE OPTION SC.

190. FOR BUSY LINE AND DON'T ANSWER TRANSFER OPERATION, PROVIDE OPTIONS SC AND SD.

191. FOR CENTREX OPERATION WITH 60 CLASSES OF SERVICE AND NO (A&M ONLY) RATE TREATMENT, PROVIDE OPTIONS VL AND SB.

192. TO PERMIT COMPLETION OF CALLS COMMON TO ALL CENTREX CUSTOMERS, PROVIDE OPTION SK.

193. WHEN PROVISION IS MADE FOR TESTING TRANSFER REGISTERS ARRANGED FOR USE WITH LINE IDENTIFIERS, OPTION "SO" MUST BE USED.

194. WHEN PROVISION IS MADE FOR 4-DIGIT CENTREX INTRAOFFICE TRUNK TESTING FROM THE AUTO PROG TRK TEST CKT OR THE ROTL CKT, OPTION SX MUST BE PROVIDED.

195. OPTION RB MUST BE PROVIDED IN OFFICES ARRANGED FOR CENTREX.

196. WHEN PROVISION IS MADE FOR ORIGINATING LINE SERVICE (LIMITED TO PRIVATE LINE NETWORK SERVICE) OPTION SV MUST BE PROVIDED.

197. OPTION RC MUST BE PROVIDED FOR LINE VERIFICATION TEST IN OFFICES REQUIRING MORE THAN 4 DIGIT TRANSLATION.

198. WHERE THE OFFICE IS ARRANGED FOR PAIRED LINE LINK FRAME OPERATION, OPTION RG MUST BE PROVIDED.

199. WHERE THE OFFICE IS ARRANGED FOR PHASE III CENTREX, OPTION RJ MUST BE PROVIDED. (SEE NOTE 1100 FOR CONTINUATION OF CKT NOTES)

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CIRCUIT NOTES; (CONT)

1100. WHEN THE MASTER CROSS DETECTION PUNCH (MXT) IS DESIRED FOR AN OFFICE EQUIPPED WITH A FRAME CONVERTED FOR USE WITH THE DOUBLE SIDED TROUBLE RECORDER CARD, PRIOR TO ISSUE 48D, OPTION RE MUST BE ADDED AND OPTION RD REMOVED.
WHEN THE MASTER CROSS DETECTION PUNCH (MXT) IS DESIRED FOR AN OFFICE USING THE DOUBLE SIDED TROUBLE RECORDER CARD (NEW FRAME), PRIOR TO ISSUE 48D AND 49AR, OPTION RE MUST BE ADDED AND OPTIONS RD AND SM REMOVED.

1101. WHEN PHASE III CENTREX (OPTION SL) IS TO BE ADDED TO AN OFFICE EQUIPPED WITH A MASTER TEST FRAME CONNECTOR CKT PRIOR TO ISSUES 48D AND 49AR, OPTION RE MUST ALSO BE PROVIDED AND OPTIONS RD AND SM REMOVED.

1102. OPTION RH MUST BE PROVIDED IN OFFICES ARRANGED FOR 5 DIGIT PBX CENTREX NUMBERS.

1103. (MFR DISC) SEE CKT NOTE 1173 OPTION RI MUST BE PROVIDED IN OFFICES ARRANGED FOR TESTING OF THE OVERLOAD ANNOUNCEMENT FEATURE.

1104. THE PROVISION OF PHASE III CENTREX REQUIRES THAT OPTIONS RN AND IB BE REMOVED AND OPTIONS RO AND JM ADDED IF NOT ALREADY PROVIDED. OPTION UK MUST ALSO BE PROVIDED FOR PHASE III CENTREX OPERATION.

1105. A LINE VERIFICATION CKT REQUIRES OPTION RQ IN ORDER TO OBTAIN LAMP INDICATIONS WHEN A MARKER ENCOUNTERS AN OVERFLOW OR FAILURE TO MATCH CONDITION.

1106. WHEN PROVISION IS MADE FOR TANDEM TESTING FROM THE AUTOMATIC PROGRESSION TRUNK TEST CKT OPTION RP MUST BE PROVIDED.

1107. WHEN PROVISION IS MADE FOR CONVERSION TO 2/5 PUNCH DESIGNATION SYSTEM, OPTIONS SP, SY, (SR OR SQ), RO, AND JM AND FIGURES 169-175, 177, AND 179 MUST BE PROVIDED. (FOR TABLE IE)

1108. OPTIONS RM, SP, SY, AND SQ AND FIGURES 169-175, 177, 178, AND 179 MUST BE PROVIDED IN OFFICES ARRANGED FOR MULTILEVEL PREEMPTION. (FOR TABLE IE ONLY)

1109. TO OVERRIDE THE A1OD TRANSLATOR MAKE BUSY CONNECTION ON TEST CALLS IN CIRCUITS EQUIPPED FOR PBX-A1OD PRIOR TO ISSUE 52D, OPTION RS MUST BE PROVIDED

1110. WHERE AN OFFICE IS EQUIPPED WITH WIRE SPRING MARKERS AND USING 2 DIGIT ACCESS CODES, OPTION RR MUST BE PROVIDED.

1111. WHERE AN OFFICE IS EQUIPPED FOR WIDEBAND SWITCHING, (WIDEBAND PRODUCT TRIAL), OPTION RY MUST BE PROVIDED.

1112. WHEN A PHASE I CENTREX OFFICE WITHOUT NO. GROUP TENS BLOCK SCREENING IS EQUIPPED WITH DIAL TRANSFER, OPTION QB MUST BE PROVIDED.

1113. WHERE OFFICES ARE EQUIPPED WITH LLP AND APTT, OPTION QC MUST BE PROVIDED.

1114. FOR BUSY LINE VERIFICATION WITH PHASE I, II, OR III CENTREX, PROVIDE OPTION RV.

1115. WHERE THE OFFICE IS EQUIPPED WITH AN ACCESS GROUP CONTROLLER, OPTION RW MUST BE PROVIDED.

1116. WHERE THE CKT IS MODIFIED TO FUNCTION WITH THE NEW NUMBERING PLAN ARRANGEMENT OF TRANSLATOR AND CLASS LEADS WITH INTERCHANGABLE AREA AND NPA CODES, (TOLL INFORMATION CODES)*, AND SPECIAL OVERSEAS DIALING CALLS: OPTION RX MUST BE PROVIDED.
* TOLL INFORMATION CODES HAVE BEEN RATED MFR DISC. ON ISSUE 81D.

1117. PRIOR TO ISSUE 56D OPTION QE WAS PART OF OPTION UI.

CIRCUIT NOTES;

1118. FOR OPERATION WITH DUPLICATE NO. GROUP USAGE CONTROL AND/OR 12 LEVEL TRUNK SWITCH OPERATION, PROVIDE OPTION QE, DOUBLE SIDED TROUBLE RECORDER CARDS ONLY. OPTION UI MUST BE PROVIDED FOR 12 LEVEL TRUNK SWITCH OPERATION IN DOUBLE SIDED TROUBLE RECORD CARD OFFICES.

1119. OFFICES USING THE SINGLE SIDED TROUBLE RECORDER CARD MUST PROVIDE OPTIONS PN, RO, AND JM WHEN ADDING RANGE EXTENSION. WHEN ADDING OPTIONS RO AND JM TO THIS TYPE OFFICE, REFER TO NOTE 1144 FOR ADDITIONAL REQUIRED OPTIONS. OFFICES USING A DOUBLE SIDED TROUBLE RECORDER CARD MUST PROVIDE OPTIONS QA, RO, JM, AND UI WHEN ADDING RANGE EXTENSION.

1120. WHERE OFFICES ARE EQUIPPED WITH WIRE SPRING COMPLETING MARKERS ONLY AND ARRANGED FOR TRUNK GLARE DETECTION, OPTION QG MUST BE PROVIDED.

1121. WHEN PROVISION IS MADE FOR THE USE OF TRUNK CLASS GROUP, MARK TCC IN THE INCOMING REGISTER, OPTION RZ MUST BE PROVIDED.

1122. WHEN PROVISION IS MADE FOR TANDEM TESTING FROM THE APTT CKT, OPTION QO MUST BE PROVIDED.

1123. WHERE OFFICES ARE EQUIPPED FOR THREE DIGIT COMMUNICATION, OPTION QR MUST BE PROVIDED.

1124.

FEATURE	TYPE	CONDITION	PROVIDE
AUTOMATIC INTERCEPT SERVICE	USING LLP (STD VERSION)	OPTION RO PROVIDED	QF PH
		OPTION RO NOT PROVIDED	QF, PX
		TABLE IA, IB	ZZ
	NOT USING LLP (A&M VERSION)	IN TABLE I, IA, IE	JM, PY, RO, ZZ
		IN TABLE IB	JM, PZ, RO, ZZ

PROVIDE OPTION ZW IF OPTION ZZ IS NOT FURNISHED.

1125. WHEN AN OFFICE IS EQUIPPED FOR CALLING LINE IDENTIFICATION, OPTIONS QQ, RO, AND JM MUST BE PROVIDED. WHEN ADDING OPTIONS RO AND JM TO SINGLE SIDED TROUBLE CARD OFFICES, REFER TO NOTE 1144 FOR ADDITIONAL REQUIRED OPTIONS.

1126. WHEN PROVISION IS MADE FOR IMPROVED 4-WIRE ECHO SUPPRESSOR OR PAD CONTROL TESTING, OPTION QT MUST BE PROVIDED.

1127. WHEN PROVISION IS MADE FOR FLEXIBLE CAMA TRUNKS THOUSAND INDICATION, OPTION QV MUST BE PROVIDED.

1128. WHEN THE AUTOMATIC PROGRESSION TRUNK TEST CKT IS ARRANGED FOR PROGRAM SELECTION OF DIGIT TRANSLATOR, OPTION QW MUST BE PROVIDED.

1129. WHEN THE AUTOMATIC PROGRESSION TRUNK TEST CKT IS ARRANGED TO TEST 4-WIRE TRUNKS, OPTION QX MUST BE PROVIDED.

1130. WHERE OFFICES ARE EQUIPPED TO GIVE TRUNK NO. CHECK INDICATION ON MARKER LINE VERIFICATION TEST AND/OR ARE FURNISHED WITH AIS USING LLP, OPTION QY MUST BE PROVIDED.

1131. WHERE OFFICES ARE ARRANGED FOR DEDICATED MESSAGE TIMING TRUNKS, OPTION QU MUST BE PROVIDED.

1132. OPTION QZ MUST BE PROVIDED FOR LINE VERIFICATION TEST IN OFFICES BEING MODIFIED FOR A MORE FLEXIBLE ARRANGEMENT OF INCOMING TRUNK CLASS ASSIGNMENT AND HAVE MORE THAN 4 DIGIT TRANSLATION.

1133. OPTION PC MUST BE PROVIDED IN OFFICES REQUIRING ADDITIONAL PUNCHES FOR INCOMING CLASS OF SERVICE.

1134. (MFR DISC.) WHEN ROUTE TRANSLATION IS PROVIDED, OPTIONS RN AND IB ARE REMOVED AND OPTIONS RO AND JM ARE ADDED.

1135. WHEN PROVISION IS MADE FOR TRUNK TESTING THROUGH THE REMOTE OFFICE TEST LINE CKT BY THE AUTOMATIC PROGRESSION TRUNK TEST CKT, OPTION PE IS REQUIRED.

1136. CANCELED ON ISS 74A

CIRCUIT NOTES;

1137. WHERE TESTING OF THE SELECTED TRUNK GROUP TRAFFIC SAMPLING FEATURE OF THE COMPLETING MARKER IS REQUIRED, OPTION PD MUST BE PROVIDED.

1138. OPTION PK MUST BE REPLACED BY OPTION PL IN OFFICES ARRANGED FOR TRUNK THOUSANDS NUMBERS 0 AND 1, OPTION UU (FEATURE FORMERLY CALLED MORE THAN 1000 TRUNK NUMBERS) WHEN:

(1) RANGE EXTENSION IS ALSO PROVIDED (OPTION PN OR QA,
(2) ANY COMPLETING MARKER (SD-26002-01) IS FURNISHED PER ISSUE 37D OR LATTER, OR
(3) TRUNK THOUSAND NUMBERS 2 AND 3 ARE PROVIDED (BY OPTION OX).

1139. PRIOR TO ISSUE 62D, OPTION PK WAS PART OF OPTION UU.

1140. WHEN ADDING PBX TOLL DIVERSION (OPTION PQ) OPTIONS RO AND JM ARE REQUIRED. IN OFFICES USING THE SINGLE SIDED TROUBLE RECORD CARD, OPTION XQ IS ALSO REQUIRED. WHEN ADDING OPTIONS RO AND JM TO A SINGLE SIDED TROUBLE RECORD CARD OFFICE, REFER TO NOTE 1144 FOR POSSIBLE ADDITIONAL REQUIRED OPTIONS.

1141. WHERE THE OFFICE IS EQUIPPED FOR TRAFFIC SAMPLING BY AMA RECORD, OPTION PS MUST BE PROVIDED AND OPTION PR MUST BE REMOVED.

1142. WHEN TRANSVERTERS HAVE BEEN ARRANGED TO INDICATE 2 LINE OR 4 LINE AMA ENTRY ON TROUBLE RECORD CARD (2L OR 4L PUNCH ON CARD) PROVIDE OPTION PV. OR IF TABLE I IS PROVIDED ADD OPTION IE AND OPTIONS IC AND ID MUST BE REMOVED.

1143. WHEN THE TRUNK TEST REGISTER FOR WIDEBAND SWITCHING IS ADDED TO AN OFFICE WHICH ALREADY HAS A TRUNK TEST REGISTER (THE LATTER BEING ORIGINALLY INTENDED FOR USE WITH WADS SERVICE) ASSIGN WIDEBAND TRUNK TEST REGISTER TO FIG. 185. OTHERWISE CONNECT WIDEBAND TRUNK TEST REGISTER TO FIG. 167.

1144. WHEN ADDING OPTIONS RO AND JM TO OFFICES USING THE SINGLE SIDED TROUBLE RECORDER CARD, EITHER OPTIONS B AND JN AND FIG. 42 OR OPTIONS PM AND JN MUST ALSO BE PROVIDED AS FOLLOWS:

OPTIONS B AND JN AND FIG. 42 CAN BE USED WITH FLAT SPRING MARKERS OR WIRE SPRING MARKERS AND SHOULD ALWAYS REMAIN IF ALREADY PROVIDED.
OPTIONS PM AND JN CAN BE USED WHERE THE OFFICE IS EQUIPPED WITH ONLY WIRE SPRING MARKERS AND IS PREFERRED OVER OPTIONS B AND JN AND FIG. 42 WHERE THIS CONDITION IS MET.

1145. AN OFFICE ARRANGED FOR LINE LINK PULSING AND/OR AUTOMATIC INTERCEPT SERVICE USING LINE LINK PULSING SENDERS AND NOT EQUIPPED WITH OPTIONS RO AND JM MUST PROVIDE OPTION PX. OPTION PH SHOULD BE PROVIDED IN THIS CASE WHERE THE CKT IS EQUIPPED WITH OPTIONS RO AND JM.

1146. THE EXPANDED MARKER FEATURE (OPTION QE) PROVIDES FOR UP TO 12 WIRE SPRING COMPLETING MARKERS AND 6 WIRE SPRING DIAL TONE MARKERS. OPTIONS RO, JM, VV, AND EITHER V AND JQ OR WB AND JN AND JQ ARE REQUIRED IN ADDITION TO FIG. 182.

1147. WHEN DIAL TONE MARKER INDICATES OVERLOAD ANNOUNCEMENT BY ROA TROUBLE CARD PUNCH PROVIDE OPTION OF, AND REMOVE OPTION IF.

1148. IN TABLE I (SINGLE SIDED TROUBLE RECORD CARD OFFICES), OPTION R MUST BE REMOVED WHEN INSTALLING OPTION OC. IN TABLE IA AND IB (DOUBLE SIDED TROUBLE RECORD CARD OFFICES), OPTIONS RO AND JM ARE REQUIRED WHEN OPTION OC IS ADDED.

1149. WHEN ADDING OPTION PY TO TABLE I, OPTIONS ZS AND NC MUST FIRST BE REMOVED. PRIOR TO ISSUE 68D OPTION NC WAS NOT SHOWN AND WAS PART OF OPTION ZK.

CIRCUIT NOTES:

1150. WHEN CALL WAITING SERVICE IS PROVIDED, OPTIONS OG, RO AND JM MUST BE PROVIDED. OPTION UI MUST ALSO BE PROVIDED IF FEATURE IS USED IN TABLE IA OR IB FRAMES.

1151. A. OPTIONS RO, OL AND JM ARE REQUIRED WHEN THE AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT IS ARRANGED FOR:
(1) 4-WIRE OPERATION
(2) MONITORING OF LINE LINK PULSING
(3) NEW NUMBERING PLAN WITH INTERCHANGEABLE CODES
B. WHEN THE AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT IS PROVIDED AND THE MASTER TEST FRAME CONNECTOR IS WIRED ACCORDING TO TABLE I OR IB OPTION ON IS REQUIRED.

1152. PROVIDE ONE APP FIG. 197 PER MARKER AND OPTION OW IN SINGLE SIDED TROUBLE RECORD CARD OFFICES WHEN ANY OF THE FOLLOWING FEATURES ARE PROVIDED:
(1) TRUNK THOUSANDS NUMBERS 2 AND 3. (OPTION OX)
(2) DYNAMIC OVERLOAD CONTROL AND/OR EADAS/NM FOR CONTROL OF ROUTES 20-29. (OPTION OY)
(3) CALL WAITING (OPTION OG)
(4) COMPLETING MARKER ROUTE RELAY CROSS CONNECTION COMPARISON (OPTION NR)
(5) OVERLOAD ANNOUNCEMENT FEATURE (SEE CKT NOTE 1173)
(6) CALLING LINE IDENTIFICATION WITH UNASSIGNED LINE TESTING (OPTION KK)

DRAWING ISSUE
67A JP
68D
69A
700
72A
730
74A
750

DRAWING ISSUE
99A

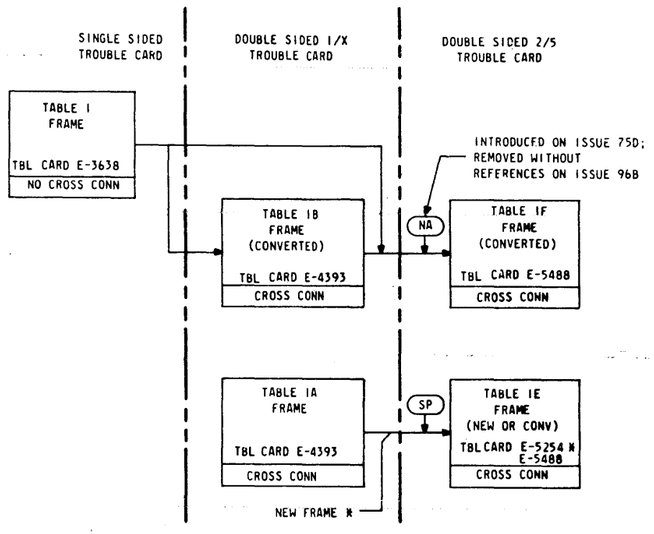
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CIRCUIT NOTES: (CONT)

1153. PLAN FOR UPDATING ANY EXISTING MTFC FOR OPERATION WITH 2/5 TROUBLE RECORD CARD. NA OPTION IS TABLE IF ARRANGEMENT (CONVERTED FROM TABLE I OR IB). SP OPTION IS TABLE IE ARRANGEMENT (NEW FRAME OR CONVERTED FROM A TABLE IA FRAME).



* AUTOVON OFFICES

1154. OPTION ND IS PROVIDED AS AN ALTERNATE TO CONVERTING THE MASTER TEST FR CONNECTOR TO DOUBLE SIDED TROUBLE RECORD CARD OPERATION WHERE OPERATION WITH MORE THAN 10 PLUS 1 EMG AMA RECORDERS IS REQUIRED. THIS OPTION IS PRIMARILY INTENDED FOR U TYPE MARKER GROUPS CHANGING FROM PARTIAL TO FULL AMA TRUNK ACCESS, BUT CAN ALSO BE USED WITH WIRE SPRING MARKERS USED WITH THE SINGLE SIDED TROUBLE RECORD CARD MASTER TEST FR CONNECTOR. WHEN OPTION ND IS SPECIFIED, FIGURES 158,197 AND OPTIONS OW,WD,AND VD MUST ALSO BE PROVIDED.

1155. OPTION OW AND ONE APP FIG. 198 PER COMPLETING MARKER ARE REQUIRED TO PROVIDE ADDITIONAL MARKER CONNECTOR CONTACTS FOR ANY OF THE FOLLOWING FEATURES ADDED TO TABLE IA,IB OR IE:
(1) CALL WAITING (OPTION OG)
(2) CALLING LINE IDENTIFICATION WITH UNASSIGNED LINE TESTING (OPTION KK)

1156. OPTION NJ IS REQUIRED WHEN THE OFFICE IS EQUIPPED WITH MORE THAN 20 PLUS 1 EMERGENCY AMA RECORDERS. THIS FEATURE REQUIRES A DOUBLE SIDED TROUBLE RECORD CARD AND ALL WIRE SPRING MARKERS IN THE OFFICE.

1157. FOR TESTING OF (BETA) UNITS OF PHASE II AND/OR PHASE III CENTREX INCOMING TRUNK TEST LINES ON A HOME OFFICE TEST LINE BASIS PROVIDE OPTION NK.

1158. FOR A TRIPLE OPERATION IN A FIVE TRUNK LINK FRAME TRIPLE SIZE OFFICE, OPTION NN MUST BE PROVIDED.

1159. NOTE CANCELLED ON ISSUE 96B.

1160. WHEN A NO. 5 CROSSBAR OFFICE IS ARRANGED TO WORK WITH THE CO-LOCATED AUTOMATIC CALL DISTRIBUTION OFFICE WHERE LAMA, CAMA AND ANI FEATURES ARE NOT PROVIDED, ~~REPLACE OPTION NP~~ WITH OPTION NQ.

1161. APPLICATION OF THIS NOTE IS CANCELLED PER ISS. 96B.
(WHEN OFFICE USING SINGLE SIDED OR DOUBLE SIDED TROUBLE RECORD CARD WITH I/X PUNCH DESIGNATION SYSTEM CONVERTS TO DOUBLE SIDED TROUBLE RECORD CARD WITH 2/5 PUNCH DESIGNATION SYSTEM, OPTIONS NA,SY,(SR OR SQ),RO JM AND APP FIGURES 169-175, 177 AND 179 MUST BE PROVIDED. (THIS CONVERSION CANNOT BE APPLIED IN AN OFFICE USING COMBINED MARKERS.) CONVERSION FROM SINGLE SIDED TO DOUBLE SIDED I/X TROUBLE RECORD CARD HAS BEEN RATED MFR DISC.)

1162. APPLICATION OF THIS NOTE IS CANCELLED PER ISS. 96B. REFER TO NOTE 137 FOR CURRENT APPLICATION.

(MFR DISC) THE MASTER TEST FRAME CONNECTOR WILL CONVERT FOR USE WITH THE 2/5 DOUBLE SIDED TROUBLE RECORD CARD UNDER THE FOLLOWING CONDITIONS:

(I) IN OFFICES USING I/X SINGLE SIDED TROUBLE RECORD CARD:
- (A) WHEN AMA IS ADDED TO AN OFFICE WHICH WAS NOT EQUIPPED WITH AMA PRIOR TO ISSUE 20D.
- (B) WHEN THE NUMBER OF TRANSVERTERS IN AN OFFICE PRIOR TO ISSUE 20D IS INCREASED TO EXCEED 6.
- (C) WHEN THE NUMBER OF AMA RECORDERS IN AN OFFICE PRIOR TO ISSUE 20D IS INCREASED TO EXCEED 10 REGULAR RECORDERS PLUS 1 EMG RECORDER. (THIS CONDITION CAN BE EXPECTED BY THE APPLICATION OF OPTION ND TO PROVIDE FOR UP TO 20 REGULAR RECORDERS PLUS 1 EMG RECORDER.)
- (D) WHEN CAMA AND/OR OPERATION WITH SECOND EXTENSION TRUNK LINK FRAMES ARE ADDED TO AN OFFICE HAVING AMA INSTALLED PRIOR TO ISSUE 20D.
- (E) WHEN MARKER GROUP IS ARRANGED FOR 20 CLASSES OF SERVICE AND 20 RATE TREATMENTS.
- (G) WHEN CENTREX OPERATION IS REQUIRED.
- (H) WHEN NUMBER GROUP TENS BLOCK SCREENING IS PROVIDED.
- (I) WHEN LINE LINK PULSING IS PROVIDED.

(MFR DISC.)
- (J) WHEN ROUTE TRANSLATOR IS PROVIDED.
- (K) WHEN THE AUTOMATIC RANGE EXTENSION TEST CKT IS PROVIDED.

(MFR DISC.)
- (L) WHEN WIDEBAND/BIT-STREAM SWITCHING IS PROVIDED.
- (M) WHEN MAGNETIC TAPE AMA IS PROVIDED.

(MFR DISC.) (II) IN OFFICE USING I/X DOUBLE SIDED TROUBLE RECORD CARD:
- (A) WHEN WIDEBAND/BIT-STREAM SWITCHING IS PROVIDED.

1163. IN OFFICES USING I/X DOUBLE SIDED TROUBLE RECORD CARD WITH AMA TRANSLATORS 30 AND 31, PROVIDE OPTION LC.

1164. WHEN MAGNETIC TAPE AMA FEATURE IS PROVIDED, ALSO PROVIDE OPTIONS RS, TM, TN, TY AND REMOVE OPTION PV IF PROVIDED.

1165. WHEN MAGNETIC TAPE AMA FEATURE IS BEING ADDED TO AN EXISTING PAPER TAPE AMA OFFICE,TRANSITION CIRCUIT ES-27158-01 MUST BE PROVIDED DURING CONVERSION PERIOD.

1166. FROM ISSUE 62D AND PRIOR TO ISSUE 79D,APP FIG. 181 AND OPTIONS PA AND PB WERE SHOWN IN CIRCUIT NOTES 102 AND 146. APP FIG. 181 AND OPTION PB WAS PROVIDED FOR THE ROUTE TRANSLATOR FEATURE AND OPTION PA WHEN ROUTE TRANSLATOR FEATURE IS NOT PROVIDED. OPTION PA IS NOW AN AFTER DATE STANDARD FEATURE.

1167. REMOVE OPTION LH, IF PROVIDED, WHEN OFFICE IS EQUIPPED WITH MAGNETIC TAPE AMA FEATURE. OPTIONS LF,LG,LH AND LT WERE INTRODUCED ON THIS ISSUE (79D) TO IDENTIFY ROUTE TRANSLATOR FEATURE.

1168. WHEN CONVERTING FROM PAPER TAPE LAMA TO A MAGNETIC TAPE LAMA IN AN OFFICE USING APP FIG. 27, PROVIDE OPTION LS AND REMOVE OPTION LR. OPTION LR HAS BEEN INTRODUCED TO IDENTIFY PAPER TAPE LEADS USING APP FIG. 27.

1169. WHEN ADDING ANY OF THE FOLLOWING FEATURES TO AN OFFICE WITH AMA AND/OR AIOD, PROVIDE APP FIG. 54 WITH OPTION LV AND/OR LX RESPECTIVELY:

(I) OFFICE USING SINGLE SIDED TROUBLE RECORD CARD:
- (A) APTT ARRANGED FOR AUTOMATIC RESTART, PRINTOUT AND RANDOM TRUNK SELECTION FEATURE (OPTION LB).
- (B) TRUNK TEST CIRCUIT ARRANGED FOR AUTOMATIC RECYCLE FEATURE (OPTION LE).
- (C) REMOTE OFFICE TEST LINE REGISTER FEATURE.

(II) IN OFFICE USING I/X DOUBLE SIDED TROUBLE RECORD CARD:
- (A) APTT ARRANGED FOR AUTOMATIC RESTART, PRINTOUT AND RANDOM TRUNK SELECTION FEATURE (OPTION LB).
- (B) TRUNK TEST CIRCUIT ARRANGED FOR AUTOMATIC RECYCLE FEATURE (OPTION LE).

(III) IN OFFICE USING 2/5 DOUBLE SIDED TROUBLE RECORD CARD:
- (A) REMOTE OFFICE TEST LINE REGISTER FEATURE.

(IV) WHEN INTERFACE CIRCUIT FOR PROGRAMMED CONTROLLED DATA ACQUISITION IS PROVIDED.

1170. ON ISSUE 58A, OPTION OR WAS RATED SPECIAL.

1171. ON ISSUE 55D, OPTION RY WAS RATED SPECIAL.

1172. WHEN THIS CIRCUIT FUNCTIONS WITH AUTOMATIC MONITOR REGISTER AND SENDER TEST CIRCUIT (A) IN AN OFFICE EQUIPPED WITH 12 LEVEL TRUNK SWITCH OPERATION (SMALL CROSSBAR SWITCH) OR (B) WHEN THIS CIRCUIT IS ARRANGED FOR TESTING 4-WIRE ORIGINATING REGISTERS, INCOMING REGISTERS AND SENDERS, OPTION KA MUST BE PROVIDED (DOUBLE SIDED TROUBLE RECORD CARD ONLY.

1173. IN OFFICES ARRANGED FOR TESTING OF OVERLOAD ANNOUNCEMENT FEATURE, FOLLOWING OPTIONS MUST BE PROVIDED ACCORDING TO THE CONDITIONS DESCRIBED BELOW:
- (1) WHEN OFFICE IS EQUIPPED WITH DMTC FRAME, AND WITHOUT RO OPTION, PROVIDE OPTION KF.
- (2) WHEN OFFICE IS WITHOUT DMTC FRAME AND WITHOUT RO OPTION, PROVIDE OPTION KG (ALSO SEE CIRCUIT NOTE 1152 OR 1155).
- (3) WHEN OFFICE IS EQUIPPED WITH RO OPTION, PROVIDE OPTION KH.

1174 IF OPTION RO AND JM ARE NOT FURNISHED AND THE COMPUTER LINE VERIFICATION ACCESS CIRCUIT AND/OR THE REMOTE OFFICE TEST LINE TRUNK MAKE BUSY CIRCUIT AND/OR ETS POWER AND DATA INTERFACE CKT IS PROVIDED,OPTIONS KS,JM AND JN MUST BE FURNISHED AND OPTION KT REMOVED.

1175. IF APP FIG. 43 IS PROVIDED, OPTION WH MUST BE REMOVED.

1176. WHEN AN OFFICE IS ARRANGED FOR TRUNK THOUSANDS NUMBERS 2 AND 3 (OPTIONS OX) AND/OR CENTRALIZED ATTENDANT AND/OR EXPANDED PERMANENT SIGNAL ROUTING FOR TABLES IA AND IB OR TABLE IE IS FURNISHED, OPTION UI MUST BE PROVIDED.

1177. PROVISION HAS BEEN MADE TO ALLOW THIS CIRCUIT TO FUNCTION WITH THE PROGRAM CONTROLLED TRANSVERTER CIRCUIT AND THE DISTRIBUTOR AND SCANNER CIRCUIT IN OFFICES BEING MODIFIED FROM LAMA,ANI, COMBINED ANI-LAMA AND PAPER TAPE ONLY TO LAMA-C.

1178. WHEN MARKER GROUP IS ARRANGED TO RETURN LINE BUSY FOR ALL LINE LINK PULSING LINE CIRCUITS BUSY, PROVIDE LB LEAD (OPTION JF). WHEN MARKER IS ARRANGED TO RETURN OVERFLOW FOR ALL LINE LINK PULSING LINE CIRCUITS BUSY, PROVIDE QV LEAD (OPTION JE).

1179. IF OFFICE HAS APTT ARRANGED FOR AUTOMATIC RESTART AND/OR PRINTOUT ~~AND/OR RANDOM TRUNK SELECTION AND/OR TRUNK TEST~~ CIRCUIT ARRANGED FOR AUTOMATIC RECYCLE FEATURE, AND OPTIONS RO AND JM ARE NOT PROVIDED, OPTIONS KS,JM AND JN MUST BE PROVIDED.

1180. WHEN ORMC 10 TO 15 AND/OR IRMC 9 TO 11 FOR TWO MARKERS, 8 AND 9 OR 10 AND 11 ARE PROVIDED, OPTION JK MUST BE PROVIDED.

1181. WHEN ANY PREFERENCE RELAY IS ADDED TO AN OFFICE UNDER ONE OR MORE OF THE FOLLOWING CONDITIONS. ALL OF THE PREFERENCE RELAYS AND OPTIONS ASSOCIATED WITH THESE PREFERENCE RELAYS FOR THAT CONDITION MUST BE ADDED:

I. BEGINNING WITH ISSUE 22D (FORMERLY CIRCUIT NOTE 133, RATED A&M ONLY)
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
REMOTE OFFICE TEST LINE TESTING (APP FIG 194 AND 195)
LINE VERIFICATION (NON-ANI, APP FIG. 46)
COMPUTER LINE VERIFICATION ACCESS (NON-ANI, APP FIG. 46)
ETS POWER AND DATA INTERFACE (NON-ANI, APP FIG. 46)
LINE INSULATION TEST (APP FIG. 40)

II. ANI FEATURE PROVIDED (FORMERLY CIRCUIT NOTE 151)
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
REMOTE OFFICE TEST LINE TESTING (APP FIG 194 AND 195)
LINE VERIFICATION (APP FIG. 159)
COMPUTER LINE VERIFICATION ACCESS (APP FIG. 159)
ETS POWER AND DATA INTERFACE (APP FIG. 159)
LINE INSULATION TEST (APP FIG. 40)

III. OFFICE CONVERTED TO DOUBLE SIDED TROUBLE RECORD CARD (FORMERLY PART OF CIRCUIT NOTE 133, RATED A&M ONLY)
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
REMOTE OFFICE TEST LINE TESTING (APP FIG 194 AND 195)
LINE VERIFICATION (NON-ANI, APP FIG. 46 AND 49)
COMPUTER LINE VERIFICATION ACCESS (NON-ANI, APP FIG. 46 AND 49)
ETS POWER AND DATA INTERFACE (NON-ANI, APP FIG. 46 AND 49)
LINE INSULATION TEST (APP FIG. 40)

IV. STUCK SENDER TRUNK IDENTIFIER PROVIDED
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
REMOTE OFFICE TEST LINE TESTING (APP FIG 194 AND 195)
LINE VERIFICATION (NON-ANI, APP FIG. 46 AND 49)
COMPUTER LINE VERIFICATION ACCESS (NON-ANI,APP FIG. 46 AND 49)
ETS POWER AND DATA INTERFACE (NON-ANI,APP FIG. 46 AND 49)
LINE INSULATION TEST (APP FIG. 40)

V. 2A LINE CONCENTRATOR (FORMERLY CIRCUIT NOTE 176)
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
LINE VERIFICATION (NON-ANI,APP FIG. 46 AND 49)
COMPUTER LINE VERIFICATION ACCESS (NON-ANI, APP FIG. 46 AND 49)
ETS POWER AND DATA INTERFACE (NON-ANI,APP FIG. 46 AND 49)
MASTER TEST CONTROL (APP FIG. 47)
OPTION TH

VI. TRUNK TEST REGISTER CIRCUIT PROVIDED (FORMERLY CIRCUIT NOTE 177)
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
LINE VERIFICATION (APP FIG. 46)
COMPUTER LINE VERIFICATION ACCESS (APP FIG. 46)
ETS POWER AND DATA INTERFACE (APP FIG. 46)
MASTER TEST CONTROL (APP FIG. 47)
OPTION TL

VII. FSP SENDER TEST FEATURE (FORMERLY CIRCUIT NOTE 185)
AUTOMATIC PROGRESSION TRUNK TEST (APP FIG. 43 AND 44)
LINE VERIFICATION (APP FIG. 46)
COMPUTER LINE VERIFICATION ACCESS (APP FIG. 46)
ETS POWER AND DATA INTERFACE (APP FIG. 46)
MASTER TEST CONTROL (APP FIG. 47)
OPTIONS H AND TX

DRAWING ISSUE
67A
73D
75D
98B

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CIRCUIT NOTES: (CONT)

1182. IF EX PUNCH INFORMATION IS DESIRED AND THE CONNECTING CIRCUIT APPLIES BATTERY TO THE EXB LEAD APP FIG. 45 OR APP FIG. 166 MUST BE PROVIDED. IF THE CONNECTING CIRCUIT APLIES GROUND TO THE EXG LEAD AND DOES NOT USE THE EXB LEAD AND ONLY WANTS EX PUNCH INFORMATION APP FIG. 45 OR APP FIG. 166 NEED NOT BE PROVIDED.

1183. WHEN A PROGRAM CONTROLLED DATA ACQUISITION CIRCUIT IS ADDED TO AN OFFICE WITH OR WITHOUT APP FIG. 159 OR APP FIG. 168, OPTIONS SHOULD BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING TABLE:

OPTIONS PROVIDED	REMOVE	ADD
APP FIG. 168 WITH JR	JR	JX
APP FIG. 159 WITH JS	JS	JY
TZ	TZ	JT
M	M	JU
T	T	JV
Z	Z	JW
RN WITH IB	IB	JM
OK	-	IA
WITHOUT RO	-	JH,JM,JN
JJ	JJ	-

1184. WHEN MARKERS ARE ARRANGED FOR EXPANDED PERMANENT SIGNAL ROUTING AND/OR IF IT IS DESIRED TO TEST THE 600ms OPEN FEATURE OF THE PREMANENT SIGNAL OR COMMON OVERFLOW TRUNK FROM THE MASTER TEST FRAME, OPTION JZ MUST BE PROVIDED.

1185. PRIOR TO ISSUE 928 WIDEBAND/BIT-STREAM OPTIONS AND APP FIGURES WERE SHOWN IN NOTES 102 AND 146 AS SHOWN BELOW. THESE APP FIGURES AND OPTIONS ARE RATED "MFR DISC." ON THIS ISSUE.

NOTE 102 WAS SHOWN AS:

FEATURE OR OPTION		PROVIDE		
		APP FIG.	APP OR WRG	QUANTITY
WIDEBAND/BIT-STREAM SWITCHING PROVIDED (FOR USE WITH TABLE "IF" ONLY) (SEE NOTE 1162)		52	NI, PT	
	OFFICE ARRANGED WITH WIDEBAND CENTREX FEATURE		OH	
	OFFICE ARRANGED FOR BIT-STREAM SWITCHING		NH	

NOTE 146 WAS SHOWN AS:

WIDEBAND/BIT-STREAM SWITCHING PROVIDED (FOR USE WITH TABLE IE ONLY) (SEE NOTE 1162)		52	PT	
	OFFICE ARRANGED WITH WIDEBAND CENTREX FEATURE		OH	
	OFFICE ARRANGED FOR BIT-STREAM SWITCHING			
PREFERENCE AND CONTROL RELAYS FOR SECOND TRUNK TEST REGISTER (SEE NOTE 1143)		185	PU	1 PER CKT

1186. FOR TABLE IE:

A. CONNECT DRT (CO-C11), DRT (DO-D5) TO E370-E373 IN ACCORDANCE WITH MULTIPLE NOTE WHEN OPTION OE OR AUTOMATIC TROUBLE ANALYSIS (ATA) IS FURNISHED.

B. CONNECT DRT (CO-C11) TO CM LEAD AND DRT (DO-D5) TO DTM LEAD WHEN OPTION OE AND AUTOMATIC TROUBLE ANALYSIS ARE NOT FURNISHED.

C. PROVIDE OPTION II INSTEAD OF IH WHEN AUTOMATIC TROUBLE ANALYSIS IS FURNISHED.

1187. OPTION IL IS PROVIDED WHEN THE MASTER TIMER CKT (PAPER TAPE) IS PROVIDED. OPTION IM IS FURNISHED INSTEAD OF IL WHEN THE TIME OF DAY CKT INSTEAD OF THE MASTER TIME CKT IS PROVIDED.

1188. IN AN OFFICE ARRANGED WITH ETS AND LINE LINK PULSING AND/OR LLP/AIS, OPTION IN MUST BE REPLACED BY IO.

1189. IN AN OFFICE ARRANGED FOR AUTOMATIC TROUBLE ANALYSIS (ATA),

A. IF IT IS DESIRED TO TRANSMIT MONITORED SERVICE TROUBLE CARDS AS NON-EXPRESS TO THE ATA CENTRAL UNDER KEY CONTROL IN THE AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT, PROVIDE OPTION IQ INSTEAD OF IP.

B. IF IT IS DESIRED TO TRANSMIT TROUBLE CARDS GENERATED BY TEST SET TESTS OF ORIGINATING REGISTERS, INCOMING REGISTERS OR CAMA SENDERS AS TEST CARDS (STRA LEAD GROUNDED TO MDT). PROVIDE APP FIG 64 AND OPTION IY INSTEAD OF OPTION IX, AND

1) WITH APP FIG 6 IF OPTION KT OR RN IS PROVIDED, REMOVE OPTION IV AND ADD IW.

2) WITH APP FIG 6, IF OPTION KS OR RO IS PROVIDED, REMOVE OPTION IV.

3) WITH APP FIG 187, ADD OPTION IZ.

1190. WHEN THE REMOTE OFFICE TEST LINE REGISTER IS ARRANGED FOR PBX TOLL DIVERSION, OPTION KQ IS FURNISHED.

1191. (A&M ONLY) IF AN OFFICE IS ARRANGED WITH AUTOMATIC INTERCEPT SERVICE (A & M VERSION) AND WHEN THIS OFFICE IS EXPANDED FROM 3 TO 4 SENDERS, OPTION OA MUST BE ADDED.

1192. IN AN OFFICE ARRANGED WITH THE CALL DATA TRANSMITTER:
A. WHEN APP FIG 63 IS ADDED, OPTION XH MUST BE REMOVED.

1193. (A&M ONLY) WHEN THE SIMPLIFIED IDDD MODIFICATIONS (TSPS-IDDD) IS BEING FURNISHED IN AN OFFICE ARRANGED WITH TABLE I AND OPTION UZ IN APP FIG 6 IS NOT PROVIDED, THEN OPTIONS XP AND QE MUST BE ADDED FOR MARKERS 0-7. APP FIG 187 IS ALREADY PROVIDED FOR MARKERS 8-11.

1194. ON ISSUE 100B, APP FIG 48 AND WI OPTION WERE MOVED FROM NOTE 102(79) TO NOTE 102(76) SO THAT APP FIG 48 CAN BE PROVIDED WITHOUT THE PREFEQUISITE OF APP FIGURES 46 & 47 IN OFFICES ARRANGED WITH APP FIG 43 AND NOT PROVIDED WITH LINE VERIFICATION TEST CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETSPD CKT.

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 101A
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EQUIPMENT NOTES:

201. THE FIRST FIGURES 23 AND 27 OR THE (RTE) AND (RTEA) RELAYS OF FIG. 156 AND THE FIRST FIG. 28 SHALL BE ASSOCIATED WITH THE EVEN MASTER TIMING CKT. THE SECOND FIGURES 23 AND 27 OR THE (RTO) AND (RTOA) RELAYS OF FIG. 156 AND THE SECOND FIG. 28 SHALL BE ASSOCIATED WITH THE ODD MASTER TIMING CKT.

202. THE THIRD FIG. 24 SHALL BE ASSOCIATED WITH THE EMERGENCY AMA RECORDER OR EMERGENCY TRUNK CONTROL. PRIOR TO ISSUE 20D THE FIRST FIG. 24 WAS ASSOCIATED WITH THE EMERGENCY AMA RECORDER. IN BOTH CASES THIS CKT SHALL BE CONSIDERED AS AN ODD NUMBERED CKT FOR PAPER TAPE AMA AND AS AN EVEN NUMBERED CKT FOR MAGNETIC TAPE AMA.

203. THESE LEADS SHALL BE FURNISHED AS A PART OF THE MASTER TEST CONNECTOR FRAME LOCAL CABLE ONLY WHEN OPERATION WITH PRETRANSLATORS IS REQUIRED.

204. ON THE MASTER TEST CONNECTOR FRAME, THE DRTO LEAD SHALL MULTIPLE BETWEEN FIRST 6 FIGURES 53. THIS ASSOCIATES THE FIRST COMPLETING OR COMBINING MARKERS WITH THE DRTO LEAD.

205. WHEN FIG. 8 IS USED AS A DIAL TONE MARKER CONNECTOR, OMIT BATTERY CONNECTION AT WINDINGS OF (A4),(A5),(B1),(B2), AND (C3) RELAYS. PRIOR TO ISSUE 9D THIS NOTE WAS NOT SHOWN.

206. PRIOR TO ISSUE 9D, A MULTIPLE WAS SPECIFIED BETWEEN DRT LEADS IN FIGURES 53 ASSOCIATED WITH MARKERS 7 AND 8 ON SUPPLEMENTARY MASTER TEST CONNECTOR FRAME 0 AND FOR FIGURES 53 ASSOCIATED WITH MARKERS 10 AND 11 ON SUPPLEMENTARY MASTER TEST CONNECTOR FRAME 1.

207. ON ISSUE 9D, OPTION ZD WAS RATED (A&M ONLY) AND REPLACED BY OPTION ZE. FIG. 56 WAS RATED (MFR DISC) AND REPLACED BY FIG. 88.

208. CONNECTIONS T. THE LINE INSULATION TEST FRAME SHOWN IN FIG. 59 ARE WIRED VIA THE MASTER TEST FRAME CONTROL AND AUTOMATIC MONITOR AND REGISTER AND SENDER TEST BAYS TO FACILITATE CABLING. FOR THE TERMINATION OF THESE LEADS ON THE MASTER TEST FRAME. (SEE NOTE 203 ON SD-25800-01 AND NOTE 221 ON SD-25680-01)

209. LEADS RGO-RG15 RUNNING FROM PUNCHINGS 290-299 AND 600-605 ON MISC TS ARE RATED (A&M ONLY) ON ISSUE 11D. THEY WILL BE REQUIRED ONLY IF THE PRETRANSLATION FEATURE IS ADDED TO AN EXISTING OFFICE HAVING A MAXIMUM OF 4 LINE LINK MARKER CONNECTORS PER FRAME.

210. CONNECTIONS TO THE AUTOMATIC PROGRESSION TRUNK TEST FRAME, ARE WIRED VIA/AND MULTIPLED FROM THE MASTER TEST FRAME CONTROL AND AUTOMATIC MONITOR AND REGISTER AND SENDER TEST BAYS TO FACILITATE CABLING FOR THE TERMINATION OF THESE LEADS ON THE MASTER TEST FRAME. (SEE NOTE 202 ON SD-25800-01 AND NOTE 220 ON SD-25680-01)

211. CONNECTIONS TO THE TRUNK LINK CONNECTOR FRAMES ARE WIRED VIA THE MARKER COMMON EQUIPMENT FRAMES TO FACILITATE CABLING FOR THE TERMINATION OF THESE LEADS ON THE MARKERS. (SEE FIG. 307 [MTFC-TO] AND FIG. 314 ON SD-25550-01)

212. CONNECTIONS TO FOREIGN AREA TRANSLATOR FROM (C-2) REL MAKE CONTACTS 10 AND 11 AND (T-0) REL MAKE CONTACT 58 ARE WIRED VIA MARKER COMMON EQUIPMENT AND TRANSLATOR AND ROUTE REL BAYS RESPECTIVELY.

213. PRIOR TO ISSUE 12D, WIRING OPTION YP WAS SPECIFIED AND OPTION YQ WAS NOT SHOWN (SEE TABLE 51C)

214. PRIOR TO ISSUE 13D, OPTIONS YR AND YT WERE NOT SHOWN AND OPTION YS WAS PART OF TABLE 51A.

215. PRIOR TO ISSUE 15D, TABLE 51A WAS 58A, 51B WAS 58B, AND 51C WAS 58C.

216. PRIOR TO ISSUE 20D, FIGURES 51 TO 55, 57 TO 77,81,85 TO 92 AND TABLES 51A, 51B,51C,76A, AND 77A WERE STANDARD. AND CADS 1 TO 23 AND 100 TO 128 WERE NOT SHOWN.

217. PRIOR TO ISSUE 21A, WIRING OPTIONS WK,WM,WR, AND WZ WERE NOT SPECIFIED AND WIRING OPTIONS WF, WG, WJ, WL, AND WN WERE NOT SHOWN.

EQUIPMENT NOTES:

218. PRIOR TO ISSUE 23D, WIRING OPTIONS VJ,VN, AND VO WERE NOT SHOWN AND WIRING OPTION VK WAS NOT SPECIFIED. PRIOR TO ISSUE 25D OPTION VS WAS NOT SHOWN. THESE OPTIONS ARE SHOWN IN VARIOUS CROSS CONNECTION FIGURES AND CADS AS A GENERAL INDICATION OF THE LOCAL CABLE LEADS AND SWITCHBOARD CABLED LEADS TO BE ADDED OR REMOVED, AS SHOWN BELOW, FOR CONVERSION OF MASTER TEST CONNECTOR FRAMES, PER AN ISSUE OF THIS CKT PRIOR TO ISSUE 20D, TO USE DOUBLE SIDED TROUBLE RECORDER CARDS:

(A) OPTION VJ: WIRING ALWAYS REQUIRED FOR CONVERSION.

(B) OPTION VK: WIRING, THE REMOVAL OF WHICH IS ALWAYS REQUIRED FOR CONVERSION.

(C) OPTION VN: WIRING REQUIRED WHEN MARKER GROUP ARRANGED FOR AMA PRIOR TO ISSUE 20D OF THIS CKT IS CONVERTED.

(D) OPTION VO: WIRING REQUIRED WHEN AMA FEATURE IS ADDED IN A MARKER GROUP NOT PREVIOUSLY ARRANGED FOR AMA.

(E) OPTION VS: WIRING REQUIRED WHEN A CONVERTER MARKER GROUP IS ARRANGED FOR ANI.

219. PRIOR TO ISSUE 43D, EQUIPMENT PER FIG. 163 IS MOUNTED ON COMPLETING MARKER 4-WIRE FRAME.

220. USE LEADS TVTO AND TVT1 FOR THE ANI TRANSVERTER (FIG. 160) WITH COMBINED ANI-CAMA OPERATION.

221. PRIOR TO ISSUE 43D, WIRING OPTION SE WAS NOT SHOWN AND WIRING OPTION SF WAS NOT SPECIFIED. THESE OPTIONS ARE SHOWN IN VARIOUS TABLES AND CADS TO INDICATE WIRING AND CABLING TO BE CONNECTED AS SHOWN BELOW:

(A) OPTION SE: WIRING REQUIRED WHEN BOTH ANI AND CAMA FEATURES ARE PROVIDED.

(B) OPTION SF: WIRING REQUIRED WHEN ANI BUT NOT CAMA FEATURE IS PROVIDED.

222. MKTO-7 LEADS FROM CAD 161 SHOULD BE CONNECTED TO THE MKTO-11 LEADS IN FIG. 55 SERVING COMPLETING OR COMBINED MARKERS ONLY.

223. PRIOR TO ISSUE 7J, CONNECTIONS TO THE REMOTE OFFICE TEST FRAME WERE CABLED VIA THE MASTER TEST FRAME CONTROL BAY. THIS METHOD IS RATED MFR DISC.

224. THESE LEADS HAVE A MULTIPLE CKT ASSIGNMENT. FOR THOSE CIRCUITS CABLED VIA THE DESTINATIONS SHOWN, SEE TABLES 1-1E.

225. TABLES 2 (AND HIGHER) ARE PROVIDED TO SHOW CABLING AND OTHER CAD INFORMATION.

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

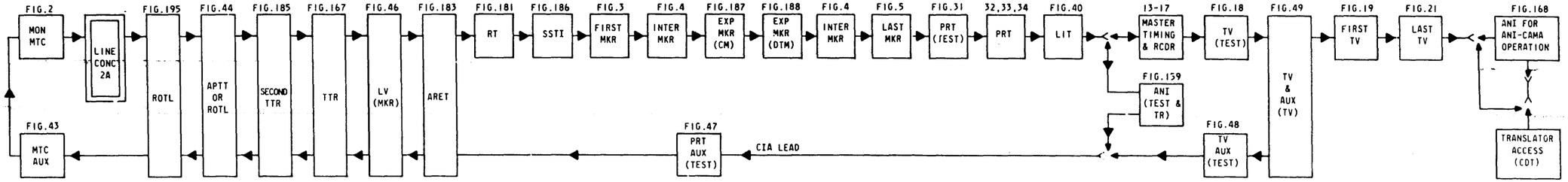
SD-25805-01-D17

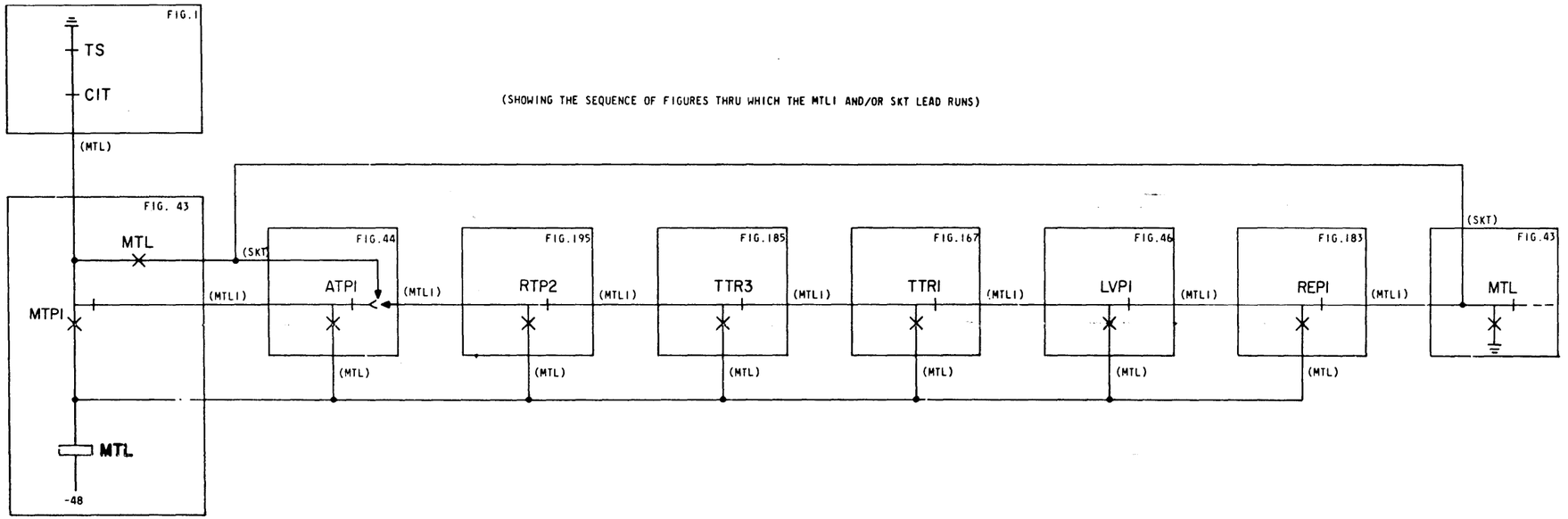
BELL TELEPHONE LABORATORIES INCORPORATED

6S

INFORMATION NOTES:

301. SEQUENCE OF PREFERENCE AND AUXILIARY PREFERENCE RELAYS.





(SHOWING THE SEQUENCE OF FIGURES THRU WHICH THE MTLI AND/OR SKT LEAD RUNS)

DRAWING ISSUE 730 74A

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-DIB

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SD-25805-01-DIB

INFORMATION NOTES: (CONT)

302. PRIOR TO ISSUE 22D THE ARRANGEMENT FOR AUTOMATIC PROGRESSION TRUNK TESTING, WITH AMA &/OR PRETRANSLATORS AND THE ARRANGEMENT FOR LINE INSULATION FOR OFFICES USING SINGLE SIDED T.R. CARD WAS SHOWN AS FOLLOW IN NOTE 102. (MFR DISC.)

FEATURE OR OPTION			PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
AUTOMATIC PROGRESSION TRUNK TESTING PROVIDED	WITH AMA OR PRETRANSLATORS OR BOTH ALSO REQUIRED			ZF	
	LINE VERIFICATION NOT-PROVIDED			XF	
WHEN THE LINE INSULATION TEST CONTROL CKT IS PROVIDED	TROUBLE RECORDER USED FOR ASSOC LINE TROUBLE RECORDS	AMA PROVIDED	39		1 PER CKT
			40		1 PER CKT
				F,YE	
		AMA NOT PROVIDED	39		1 PER CKT
			40		1 PER CKT
				M,F, YE	
	TTY USED FOR ASSOC LINE TROUBLE RECORDS	AMA PROVIDED	39		1 PER CKT
				G,YE	
		PRETRANSLATOR CKT PROVIDED, AMA NOT PROVIDED(SEE NOTE 117)	39		1 PER CKT
				T,G, YE	
		PRETRANSLATOR CKT & AMA NOT PROVIDED(SEE NOTE117)	39		1 PER CKT
				Z,G, YE	
	FOR MARKER ASSOCIATED WITH LINE INSULATION TEST CONTROL CKT			YF	
WHEN THE LINE INSULATION TEST CONTROL CKT IS NOT PROVIDED	AMA PROVIDED			K,G, YD	
	PRETRANSLATOR CKT PROVIDED, AMA NOT PROVIDED(SEE NOTE 117)			T,K, G,YD	
	PRETRANSLATOR CKT & AMA NOT PROVIDED (SEE NOTE 117)			Z,K, G,YD	

303. PRIOR TO ISSUE 20D THE ARRANGEMENT FOR FEATURES OR OPTIONS, WHICH WERE MADE "MFR DISC" ON 20D WERE SHOWN AS FOLLOWS IN NOTE 102. (MFR DISC.)

FEATURE OR OPTION		PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
SCANNING CONNECTOR FOR TROUBLE RECORDER		10		9 PER CKT
TEST PREFERENCE MARKER	WITHOUT AUTO. MON		YH	
AMA RECORDER AND MASTER TIMING CONNECTOR RELAYS		27	SEE NOTE 201	2 PER CKT
FOR REVERSING RELAY FOR XTL LEAD			WP	

304. PRIOR TO ISSUE 39D THE ARRANGEMENT FOR FEATURE OR OPTION, WHICH WAS MADE "MFR DISC" ON 39D WAS SHOWN AS FOLLOWS IN NOTE NOTES 102 & 146. (MFR DISC.)

FEATURE OR OPTION	PROVIDE FIG.	PROVIDE APP OR WRG	PROVIDE QUANTITY
PPCS-LAMA OPERATION ARRANGED FOR ES- DRAWING (DOUBLE-SIDED TROUBLE RECORD CARD ONLY)		UO	

305. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS, AND VALUES PRECEDED BY THE SYMBOL+(PLUS) OR -(MINUS) ARE IN VOLTS.

DRAWING ISSUE 730

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-D19

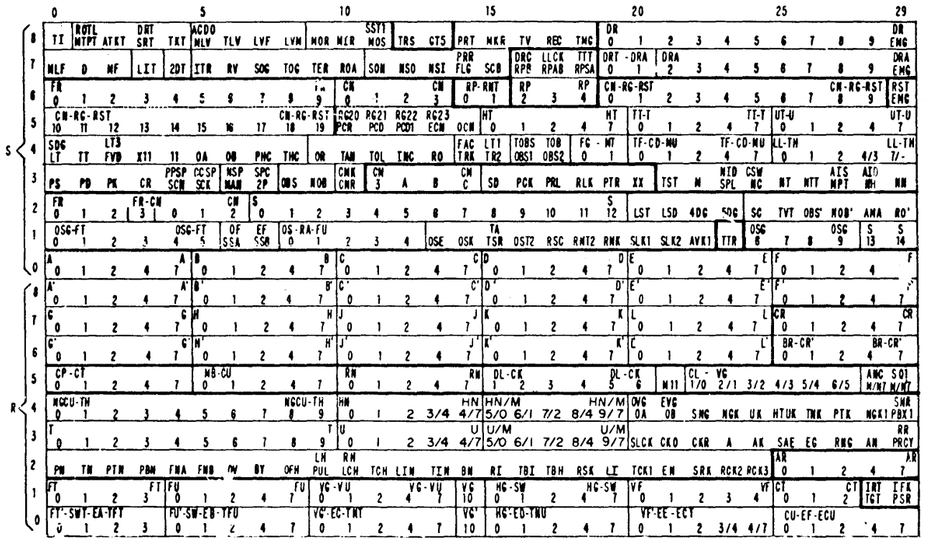
BELL TELEPHONE LABORATORIES INCORPORATED

SHEET NO. 65

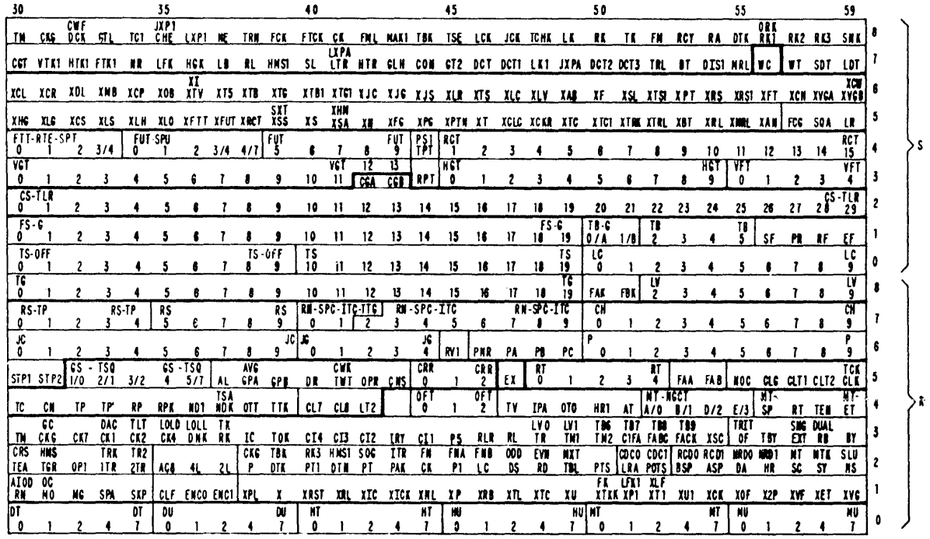
SD-25805-01-D19

INFORMATION NOTES: (CONT)
1301 NO.5 CROSSBAR SYSTEM TROUBLE RECORDER CARD FOR TABLE I.
E-3638 (2-79)
↑
└ LAST ISSUE DATE OF CARD

(LEFT SIDE)



(RIGHT SIDE)



NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE)

PUNCH DESIG	CARD LOC
LT3	S4-2
MO	R4-15
M1	R4-16
M2	R4-17
M4	R4-18
M'0	R3-15
M'1	R3-16
M'2	R3-17
M'4	R3-18
N'7	R5-28
N'7	R5-29

SD-25805-01-D20

MASTER TEST FRAME CONNECTOR CKT

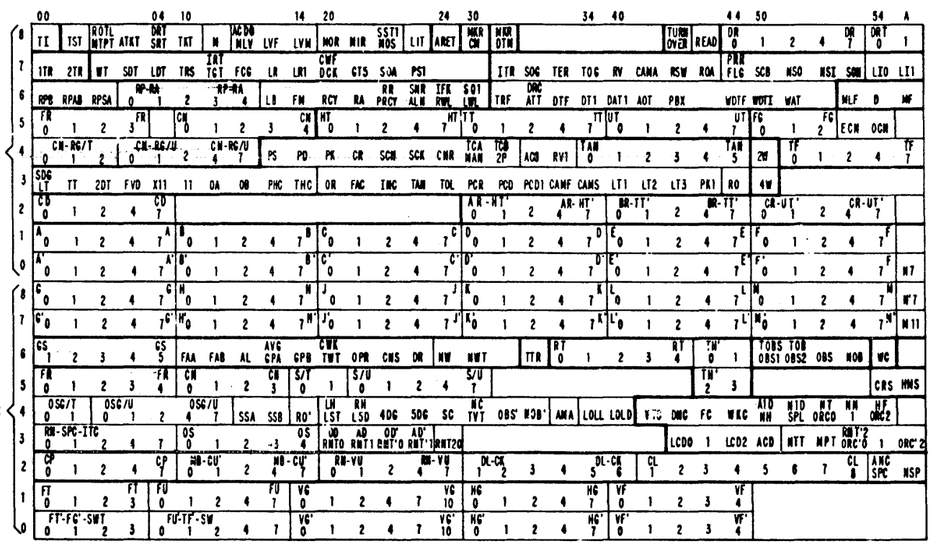
DWG SIZE	ISSUE
6S	100B

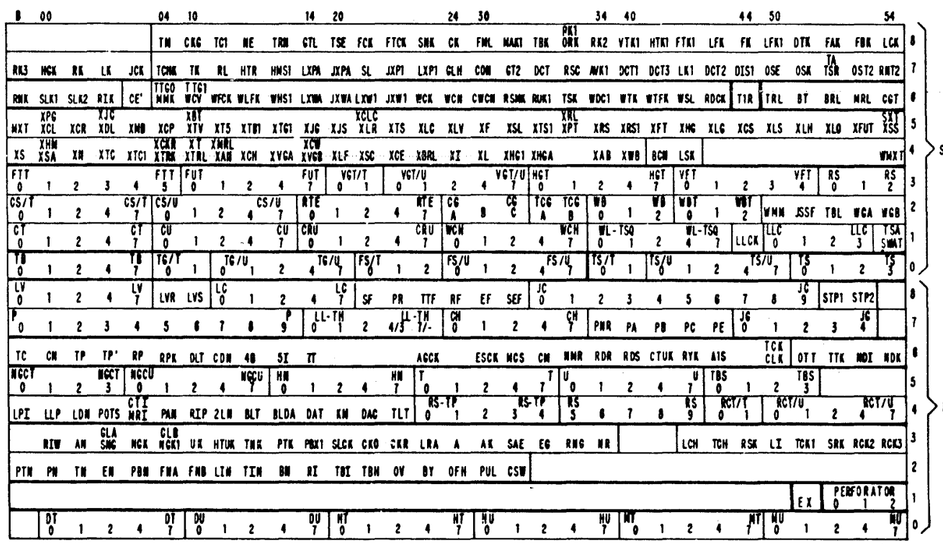
BELL LABORATORIES | SD-25805-01- | D20

E-7481 (5-79) PRINTED IN U.S.A.

INFORMATION NOTES: (CONT)
1302. NO.5 CROSSBAR SYSTEM TROUBLE RECORDER CARD FOR TABLE IE (2/5 DOUBLE SIDED) E-5488

(FRONT)
(2-79F)
LAST ISSUE DATE OF CARD

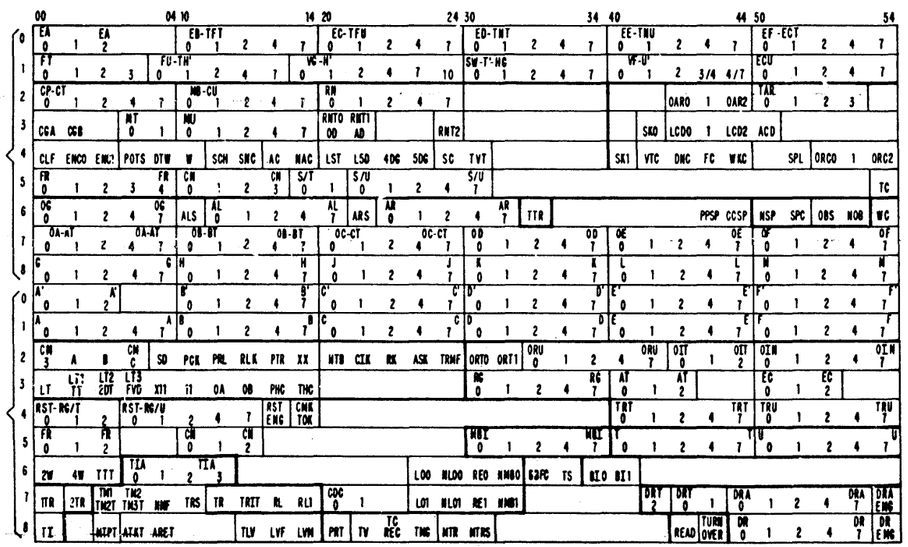


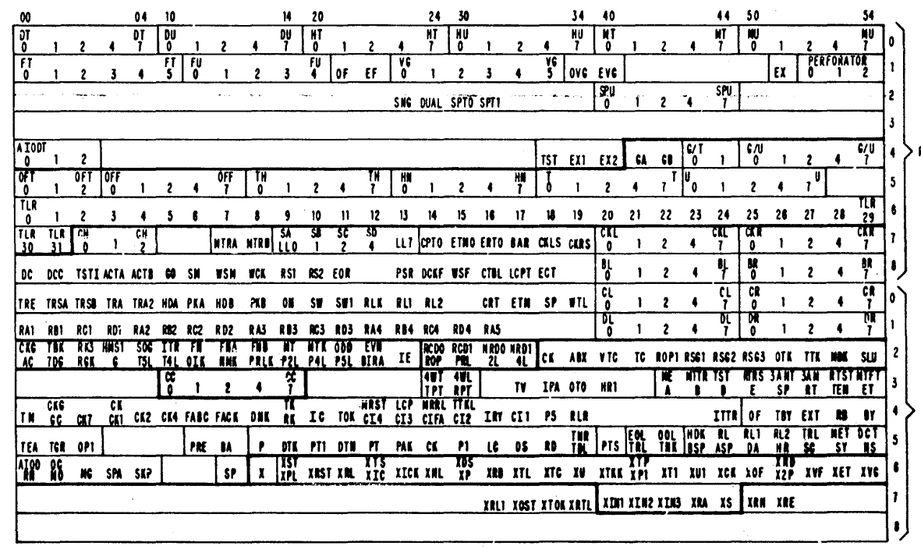


NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC

(BACK)
(2-79B)
LAST ISSUE DATE OF CARD





NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC
LT2	S3-02
LT3	S3-03

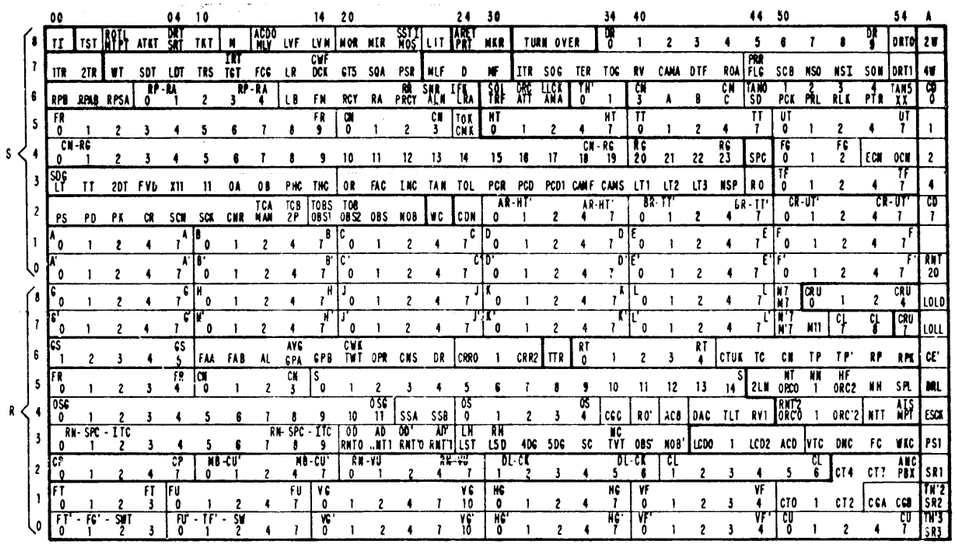
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	98

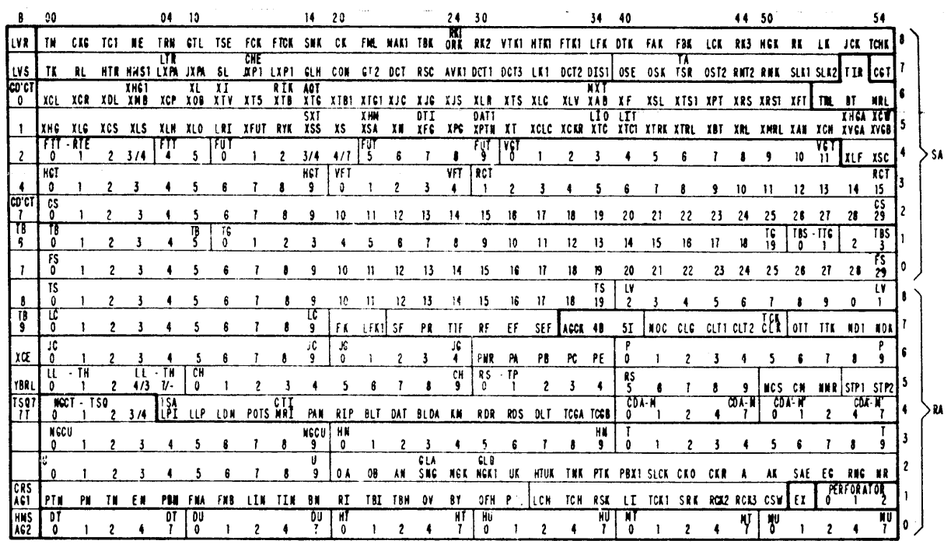
BELL LABORATORIES | SD-25805-01- | D21

SD-25805-04-D21

INFORMATION NOTES: (CONT.)
1303, NO.5 CROSSBAR SYSTEM TROUBLE RECORDER CARD FOR TABLE
IA AND 1B (I/X DOUBLE SIDED) E-4393

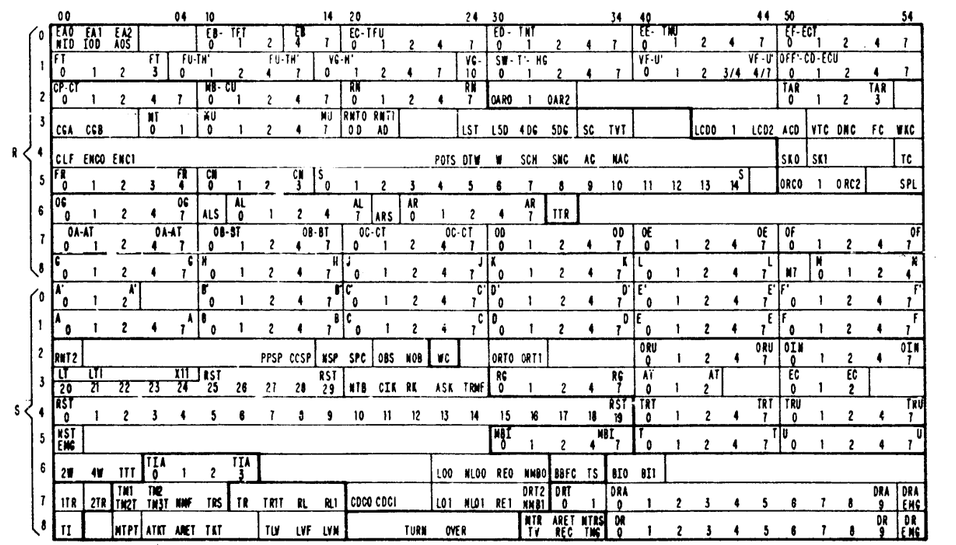


(FRONT)
(2-79F)
LAST ISSUE
DATE OF
CARD

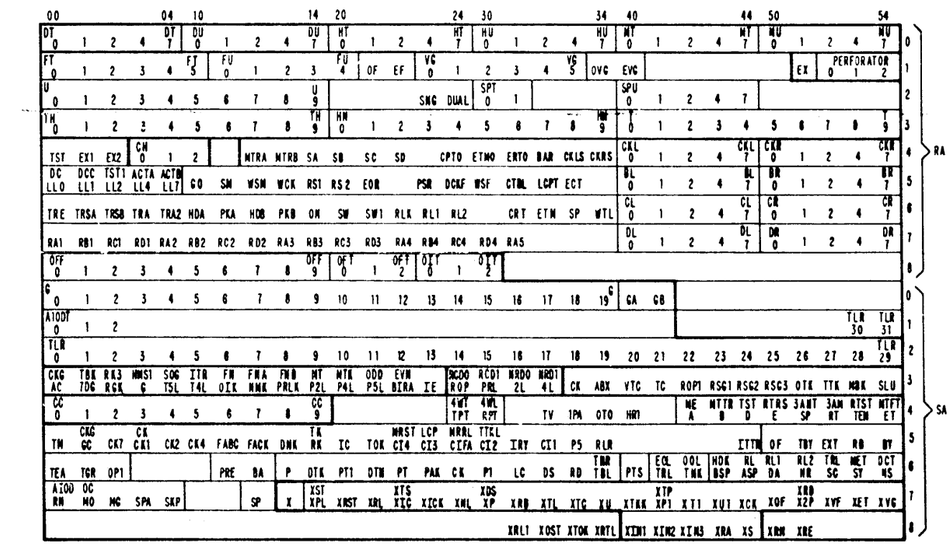


NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC



(BACK)
(2-79B)
LAST ISSUE
DATE OF
CARD



NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC
MTRS	S8-31 INSTEAD OF MTR
MTR	S8-33 INSTEAD OF MTRS

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	988

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TABLE 2

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.8
(FOR USE WITH SINGLE SIDED T.R.CARD OR FOR OFFICE CONVERTING
FOR USE WITH DOUBLE SIDE T.R.CARD)

CONTACT NUMBERS	RELAYS																CONTACT NUMBERS
	A0	A1	A2	A3	A4	A5	B0	B1	B2	B3	C0	C1	C2	C3	T0	T1	
59	FML	P9	TG19	CD'7 FNB TB7	EG	RV	FS19	RO	NGK	UT7	OTT	LI	TM	SC	IRS/ PSI	TCH9	59
58	PR	P8	TG18	CD'4 FNA TB6	AK	RPK	FS18	INC	PK	UT4	NDT	RCK2	TMK1	TVT	TFA	TCH8	58
57	9F	P7	TG17	TIN	SAE	OPR	FS17	TAN	PD	UT2	TP'	SRK	TMK	LST	NOBT	TCH7	57
56	EF	P6	TG16	LIN	A	TSR	FS16	TOL	P5	UT1	SL	PTK	MCS/ RUH	L3D	OBST	TCH6	56
55	RF	P5	TG15	TCH	PBN	M'7	FS15	2DT	M7	UTO	LCK	TCK1	MPT	5DG	SRT, SRT1	TCH5	55
54	JG4	P4	TG14	LCH	TWT/ CWK	L'7	FS14	TAN4	L7	BR7	HGK	TBH	NTT	4DG	RBT	TCH4	54
53	JG3	P3	TG13	XRS1	UK	L'4	FS13	TAN3	L4	BR4	FTT3	OFH	MRL	PRCY	TDCT	TCH3	53
52	JG2	P2	TGI2	XRS	HTUK	L'2	FS12	TAN2	L2	BR2	FTT2	BY	AL	CRR2 ATT	MO1	TCH2	52
51	JG1	P1	TG11	XSS	PTN	L'1	FS11	TAN1	L1	BR1	FTT1	OV	DCT	CRR1 TRF	T8	TCH1	51
50	JG0	P0	TG10	XLO	TN	L'0	FS10	TANO, TAN	LO	BRO	FTTO	TMK	FTCK	CRRO CDN	SB	TCHO	50
49	JC9	PNR	TG9	XSL	PN	K'7	FS9	PCD1	K7	TT7	FUT9	FNB	RBT1	NOB'	EXT	MT7	49
48	JC8	PC	TG8	XCKR	EN	K'4	FS8	PCD	K4	TT4	FUT8	FNA	TRL2	OBS'	OSC	MT9K	48
47	JC7	PB	TG7	XRL	JXPA	K'2	FS7	PCR	K2	TT2	FUT7	EXG	DIS1	SSB	ROG	LLJ	47
46	JC6	PA	TG6	CD'2 XTC1	XSC	K'1	FS6	THC	K1	TT1	FUT6	EXB	M	SSA	LLI	KJSQ	46
45	JC5	JCK	TG5	CD'1 XTC	CKO	K'0	FS5	PHC	KO	TTO	FUT5	HTR	RCT15	GS5	TSK	JSQ5	45
44	JC4	LL7	TG4	XMRL	PUL	J'7	FS4	FAC	J7	AR7	FUT4	RA	RCT14	GS4	MT12	JSQ4	44
43	JC3	LL4	TG3	XTRL	RNG	J'4	FS3	MPP	J4	AR4	FUT3	MAK1	RCT13	GS3	RCT	JSQ3	43
42	JC2	LL2	TG2	XBT	GLA SNG	J'2	FS2	PLL	J2	AR2	FUT2	TRL	RCT12	GS2	TSE2	JSQ2	42
41	JC1	LL1	TG1	XTRK	CKR	J'1	FS1	AIS LT3	J1	AR1	FUT1	TC1	RCT11	GS1	TSE1	JSQ1	41
40	JC0	LLO	TGO	XT5	GLB NGKI	J'0	FS0	RPSA	JO	ARO	FUTO	TRS	RCT10	SON	FTC	JSQO	40
39	TTK	CH9	CK	XTG1	U9	H'7	XAN	CRU7 RP4	H7	HT7	FLG	TR2	RCT9	OSK	S9	MT8K	39
38	LB	CH8	RCY	XTS1	U8	H'4	AN	CRU4 RP3	H4	HT4	CGT	TRK	RCT8	OSE	S8	MT5	38
37	LTR LXPA	CH7	SNK	XFG	U7	H'2	SPL	CRU2 RP2	H2	HT2	CON	MLF TAN5	RCT7	ONN	S7	MT3K	37
36	SG HTR CTUK	CH6	FM	XN	U6	H'1	FG1	CRU1 RP1	H1	HT1	TCHK	MF	RCT6	NOB	S6	CTA2	36
35	GT5	CH5	TB5	XCH	U5	H'0	FGO	CRUO RPB	HO	HTO	STP2	D	RCT5	OBS	S5	CTA1	35
34	FCG	CH4	TB4	XLS	U4	G'7	TF7	CR7	G7	CL8	STP1	CU7	RCT4	CP7	DIS	CTAO	34
33	GT2	CH3	TB3	XTB1	U3	G'4	TF4	CR4	G4	TOL* TSC5	BST	CU4	RCT3	CP4	SBT	LHMT	33
32	GLH	CH2	TB2	XSA	U2	G'2	TF2	CR2	G2	DAC TCC	FCK	CU2	RCT2	CP2	ALT	LHM	32
31	CT2	CH1	TB1	XS	U1	G'1	TF1	CR1	G1	TCB	TLH	CU1	RCT1	CP1	TBT	CSG2	31
30	CT1	CHO	TBO	XLV	UO	G'0	TFO	CRO	GO	TCA	DTK	CUO	RSK	CPO	MT1K	CSG1	30

CONTACT NUMBERS	RELAYS																CONTACT NUMBERS
	A0	A1	A2	A3	A4	A5	B0	B1	B2	B3	C0	C1	C2	C3	T0	T1	
29	CTO	CHA	TGT	CD'0 XVGA	T9	F'7	LR	OSG4	F7	TT	HGT9	CS29	RS9	MB7	S4	THGT9	29
28	SMP	TBK	VTK1	XJS	T8	F'4	DCK/ CWF	OSG3	F4	FVD	HGT8	CS28	RS8	MB4	S3	THGT8	28
27	NSP	CKG	RNT2	XHG	T7	F'2	HMS1	OSG2	F2	LT	HGT7	CS27	RS7	MB2	S2	RTK THGT7	27
26	FTK1	GTL	CLG	XLG	T6	F'1	FBK	OSG1	F1	T1	HGT6	CS26	RS6	MB1	S1	THGT6	26
25	HTK1	LFK	RVI PTK	XLC	T5	F'0	FAK	OSGO	FO	X11	HGT5	CS25	RS5	MBO	SO	THGT5	25
24	VG'7	SQA	ND1	XLR	T4	E'7	VG7	DL5	E7	LT1	HGT4	CS24	RS4	RN7	TRR	THGT4	24
23	VG'4	RK3	NS1	XJG	T3	E'4	VG4	DL4	E4	LT2	HGT3	CS23	RS3	RN4	TRL1	THGT3	23
22	VG'2	RK2	NSO	XJC	T2	E'2	VG2	DL3	E2	THT1	HGT2	CS22	RS2	RN2	OC1 RE	THGT2	22
21	VG'1	RK1 ORK	CLT2	XF	T1	E'1	VG1	DL2	E1	THTO	HGT1	CS21	RS1	RN1	TR1	RTI THGT1	21
20	VG'0	SRT	CLT1	XVGB/ XCW	TO	E'0	VGO	DL1	EO	CL7	HGTO	CS20	RSO*	RNO	NTH	RTO THGTO	20
19	VG'10	TS19	CLK	XAB MXT	HN9	D'7	VG10	OS4	D7	OB	VFT4	CS19	HF	9FP- 9NP	LK3	TVFT4 CUT7	19
18	FT'3	TS18	RCK3	XTS	HN8	D'4	FT3	OS3	D4	OA	VFT3	CS18	MT	8MP- 8SP	MT10K	TVFT3 CUT4	18
17	FT'2	TS17	NOC	XPT	HN7	D'2	FT2	OS2	D2	RP	VFT2	CS17	NH	7TP- 7RN	MT2K	TVFT2 CUT2	17
16	FT'1	TS16	XAP MT7K	XCLC	HN6	D'1	FT1	OS1	D1	TP	VFT1	CS16	NN	6FT- 6NT	S1B	TVFT1 CUT1	16
15	FT'0	TS15	RNT20 TLT	XT	HN5	D'0	FTO	OSO	DO	TC	VFTO	CS15	NC MT4K CSW	5MT- 5ST	S1A	TVFTO CUTO	15
14	FU'7	TS14	SLK2	XCS	HN4	C'7	FU7	CL5	C7	OSG9	XFT	CS14	NMR TB9	4TT- 4NE	LK2	THT3 VGA	14
13	FU'4	TS13	SLK1	XTG	HN3	C'4	FU4	CL4	C4	OSG8	VGT13 TH'1	CS13	CGB	3FB- 3NA	G	THT2 TVGT13 LOLL	13
12	FU'2	TS12	OST2	XTB	HN2	C'2	FU2	CL3	C2	OSG7	VGT12 TH'0	CS12	CGA	2MB- 2SA	RC	TVGT12 LVM	12
11	FU'1	TS11	XLH	XRCT	HN1	C'1	FU1	CL2	C1	OSG6	VGT11	CS11	FAB	1TB- 1SE	CKG2 OVK	PDK TVGT11	11
10	FU'0	TS10	RSC	XCP	HNO	C'0	FUO	CL1	CO	OSG5	VGT10	CS10	FAA	FLCK	CKG1	CDNK TVGT10	10
9	VF'4	TS9	CN	XDL	OR	B'7	VF4	TBI	B7	RNK	VGT9	CS9	DCT3	PBX1	TOS4	TVGT9	9
8	VF'3	TS8	RL	XMB	TRN	B'4	VF3	RI	B4	CR	VGT8	CS8	LK1	GPB	TOS3	TVGT8	8
7	VF'2	TS7	CHE JXP1	XCL	NE	B'2	VF2	BN	B2	SCK	VGT7	CS7	SCB	GPA	TOS2	TVGT7	7
6	VF7	TS6	LK	XCR	NR	B'1	VF1	RPAB	B1	SCN	VGT6	CS6	TSE	CNR	TOS1	TVGT6 CTT1	6
5	VF'0	TS5	RK	XTV	ROA	B'0	VFO	RPB	BO	CNS	VGT5	CS5	CM TB8	OCN	TOSO	TVGT5 CTTO	5
4	HG'7	TS4	TK	XOB	TOB	A'7	HG7	AMA	A7	ROT	VGT4	CS4	LDT	ECN	TTC	TVGT4 LOLP	4
3	HG'4	TS3	DCT2	XPTN	TER	A'4	HG4	DL6	A4	AVK1	VGT3	CS3	SDT	OR	TRT	TVGT3 PBX	3
2	HG'2	TS2	DCT1	XPG	SOB	A'2	HG2	CL6	A2	TST	VGT2	CS2	WT	TOB2 FAD	TTT	TVGT2 LOLD	2
1	HG'1	TS1	RO'	XFTT	ITR	A'1	HG1	NDK	A1	BT	VGT1	CS1	TOB OBS2	TOB1 HFA	BLC	2L1 TVGT1	1
0	HG'0	TS0	LXP1	XFUT	PSR	A'0	HGO	SCT **GRD	AO	MON	VGTO	CSO	TOBS OBS1	NAMA	F	2L TVGTO	0

*CONTACT

LEAD DESIG	MAKE	ARMATURE
	TANO	TAN
	SRT	SRT1
	TSC5	TOL

DRAWING ISSUE

43D
44A
48D
55D
56D
58A
59D
60D
62D
63A
64D
68D
70D
74A
75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-D23

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TABLE 2A

SHOWING DESIGNATIONS OF LEADS ON
CONTACTS OF RELAYS IN FIG. 150
FOR OFFICES HAVING NEW STANDARD MTF CONN
(DOUBLE SIDED T.R.CARD)

CONTACT NUMBERS	RELAYS																														CONTACT NUMBERS
	A0	A2	A4	A6	A8	A10	B0	B2	B4	B6	B8	C0	C2	C4	C6	T0	T2														
54	JG4	P4	TG14	LCH	TWT/ CWK	L'7	FS14	TAN4	L7	BR7	AGCK	HGK	TBH	NTT	4DG	RBT	TCH4	54	FML	P9	TG19	CD'7	EG	RV	FS19	RO	NGK	UT7	TIR	OTT	LI	TM	SC	IRS	TCH9	54
53	JG3	P3	TG13	XRS1	UK	L'4	FS13	TAN3	L4	BR4	MT38K	FTT3	OFH	MRL	PRCY	TDCT	TCH3	53	PR	P8	TG18	CD'4	AK	RPK	FS18	INC	PK	UT4	LRI	NDT	RCK2	TMK1	TVT	TFA	TCH8	53
52	JG2	P2	TG12	XRS	HTUK	L'2	FS12	TAN2	L2	BR2	CNT	FTT2	BY	AL	ATT	MO1	TCH2	52	SF	P7	TG17	TIN	SAE	OPR	FS17	TAN	PD	UT2	DLTK	TP'	SRK	TMK	LST SOG'	NOBT	TCH7	52
51	JG1	P1	TG11	XSS	PTN	L'1	FS11	TAN1	L1	BR1	TLT	FTT1	OV	DCT	TRF	TB	TCH1	51	EF	P6	TG16	LIN	A	TSR	FS16	TOL	PS	UT1	LOLL	SL	PTK	MCS	L5D TOG'	OBST	TCH6	51
50	JG0	P0	TG10	XLO	TN	L'0	FS10	TANO TAN*	L0	BR0	DAC	FTTO	TNK	FTCK	CDN	SB	TCHO	50	RF	P5	TG15	TCH	PBN	M'7	FS15	20T	M7	UTO	AIS	LCK	TCK1	MPT	5DG	SRT* SRT1	TCH5	50
44	JC4	LL7	TG4	XMRL	PUL	J'7	FS7	FAC	J7	AR7	T	FUT4	RA	RCT14	GS4	MT12	JSQ4	44	JC9	PMR	TG9	XSL	PN	K'7	FS9	PCD1	K7	TT7	CSW	FUT9	FNB	RBT1	NOB'	EXT	MT7	44
43	JC3	LL4	TG3	XTRL	RNG	J'4	FS3	MPP	J4	AR4	R	FUT3	MAK1	RCT13	GS3	TCT	JSQ3	43	JC8	PC	TG8	XCKR	EN	K'4	FS8	PCD	K4	TT4	AD'	FUT8	FNA	TRL2	OGS'	OSC	MT9K	43
42	JC2	LL2	TG2	XBT	SNG GLA	J'2	FS2	PLL	J2	AR2	5I	FUT2	TRL	RCT12	GS2	TSE2	JSQ2	42	JC7	PB	TG7	XRL	JXPA	K'2	FS7	PCR	K2	TT2	ORC'2	FUT7	EXG	DIS1	SSB	ROG	LLJ	42
41	JC1	LL1	TG1	XTRK	CKR	J'1	FS1	LT3	J1	AR1	4B	FUT1	ROH	RCT11	GS1	TSE1	JSQ1	41	JC6	PA	TG6	CD'2	XSC	K'1	FS6	THC	K1	TT1	ORC'1	FUT6	EXB	M	SSA	LLI	KJSQ	41
40	JC0	LL0	TG0	XT5	NGK GLB	J'0	FS0		J0	AR0	DLT	FUTO	TRS	RCT10	SON	FTC	JSQ0	40	JC5	JCK	TG5	CD'1	CKO	K'0	FS5	PHC	KO	TTO	ORC'0 RNT'2	FUT5	HTR	RCT15	GS5	TSK	JSQ5	40
34	FCG	CH4	TB4	XLS	U4	G'7	TF7	CR7	G7	CL8	DTF	STP1	CU7	RCT4	CP7 RTN'4	DIS	CTAO	34	YTK	CH9	CK	XTG1	U9	H'7	XAN	CRU7	H7	HT7	OD'	FLG	TR2	RCT9	OSK	S9	MT8K	34
33	GT2	CH3	TB3	XTB1	U3	G'4	TF4	CR4	G4	TSC5 TOL	ALN	BST	CU3	RCT3	CP4 RTN'3	SBT	LHMT	33	LB	CH8	RCY	XTS1	U8	H'4	AN	CRU4	H4	HT4	ODT *OD	CGT	TRK	RCT8	OSE	S8	MT5	33
32	GLH	CH2	TB2	XSA	U2	G'2	TF2	CR2	G2	TCC	TCGB	FCK	CU2	RCT2	CP2 RTN'2	ALT	LHM	32	LXPA	CH7	SNK	PSI	U7	H'2	SPL	CRU2	H2	HT2	CAMS	CON	TAN5	RCT7	ONN	S7	MT3K	32
31	CT2 CRN2	CH1	TB1	XS	U1	G'1	TF1	CR1	G1	TCB	TCGA	TLH	CU1	RCT1	CP1 RTN'1	TBT	CSG2	31	CTUK	CH6	FM	XN	U6	H'1	FG1	CRU1	H1	HT1	CAMF	TCHK	MF	RCT6	NOB	S6	CTA2	31
30	CT1 CRN1	CH0	TB0	XLV	U0	G'0	TF0	CR0	G0	TCA	PE	DTK	CU0	RSK	CP0 RTN'0	MT1K	CSG1	30	GT5	CH5	TB5	XCH	U5	H'0	FG0	CRU0	H0	HT0	CAMA	S'P2	D	RCT5	OBS	S5	CTA1	30
24	VG'7 HN'7	GQA	ND1	XLR	T4	E'7	VG7	DL5	E7	LT1	TTF	HGT4	CS24	RS4	RN7 CH'7	TRR	TH'3	24	CTQ CRNO	CHA	TGT	CD'0	T9	F'7	LR	OSG4	F7	TT	OSG11	HGT9	CS29	RS9	MB7	S4	CTA7	24
23	VG'4 HN'4	RK3	NSI	XJG	T3	E'4	VG4	DL4	E4	LT2	SEF	HGT3	CS23	RS3	RN4 CH'4	TRL1	TH'2	23	CT7 CRN4	TBK	VTK1	XJS	T8	F'4	DCK/ CWF	OSG3	F4	FVD	OSG10	HGT8	CS28	RS8	MB4	S3	CTA4	23
22	VG'2 HN'2	RK2	NSO	XJC	T2	E'2	VG2	DL3	E2	THT1	FS29	HGT2	CS22	RS2	RN2 CH'2	RE	RTC	22	CT4 CRN3	CKG	RNT2	XHG	T7	F'2	HMS1	OSG2	F2	LT	R1P	HGT7	CS27	RS7	MB2	S2	RTK	22
21	VG'1 HN'1	ORK	CLT2**	XF	T1	E'1	VG1	DL2	E1	THTO	FS28	HGT1	CS21	RS1	RN1 CH'1	TR1	RTI	21	FTK1	GTL	CLG	XLG	T6	F'1	FBK	OSG1	F1	11	2LN	HGT6	CS26	RS6	MB1	S1	MT57	21
20	VG'0 HN'0	SRT	CLT1**	XVGB/ XCW	TO	E'0	VGO	DL1	EO	CL7	FS27	HGTO	CS20	RSO	RNO CH'0	NTH	RTO	20	HTK1	LFK	RVI	XLC	T5	F'0	FAK	OSGO	FO	X11	FK	HGT5	CS25	RS5	MBO	SO	TTCI	20
14	FU'7	TS14	SLK2	XCS	HN4	C'7	FU7	CL5	C7	OSG9	FS26	XFT	CS14	NMR	4NE	LK2	THT3	14	VG'10	TS19	CLK	XAB MXT	HN9	D'7	VG10	OS4	D7	OB	DNC	VFT4	CS19	HF	9NP	LK3	CUT7	14
13	FU'4	TS13	SLK1	XTG	HN3	C'4	FU4	CL4	C4	OSG8	FS25	TH'1	CS13	CGB	3NA	G	THT2	13	FT'3	TS18	RCK3	XTS	HN8	D'4	FT3	OS3	D4	OA	LCD2 CLB	VFT3	CS18	NT	8SP	MT10X	CUT4	13
12	FU'2	TS12	OST2	XTB	HN2	C'2	FU2	CL3	C2	OSG7	FS24	TH'O	CS12	CGA	2SA	RC	LVM	12	FT'2	TS17	MOC**	XPT	HN7	D'2	FT2	OS2	D2	RP	LCD1 CTB	VFT2	CS17	NH	7RN	MT2K	CUT2	12
11	FU'1	TS11	XLH		HN1	C'1	FU1	CL2	C1	OSG6	FS23	VGT11	CS11	FAB	1SE	OVK	PDK	11	FT'1	TS16	MT7K	XCLC	HN6	D'1	FT1	OS1	D1	TP	LCDO CRR	VFT1	CS16	HN	6NT	S1B	CUT1	11
10	FU'0	TS10	RSC	XCP	HNO	C'0	FUO	CL1	CO	OSG5	FS22	VGT10	CS10	FAA	SLCK	CKG1	CDNK	10	FT'0	TS15	RNT2O	XT	HN5	D'0	FTO	OSO	DO	TC	VTC	VFTO	CS15	MT4K	SST	S1A	CUTO	10
04	HG'7 T'7	TS4	TK	XOR	TOG	A'7	HG7	AMA	A7	RP	FS21	VGT4	CS4	LDT	ECN	TTC	LOLP	04	VF'4 U'7	TS9	CN	XDL	DR	B'7	VF4	TBI	B7	RNK	WKC	VGT9	CS9	DCT3	PBX1	TOS4	CTT7	04
03	HG'4 T'4	TS3	DCT2		TER	A'4	HG4	DL6	A4	AVK1	FS20	VGT3	CS3	SDT	OR	TRT	PBX	03	VF'3 U'4	TS8	RL	XMB	TRN	B'4	VF3	RI	B4	CR	FC	VGT8	CS8	CLK1	GPB	TOS3	CTT4	03
02	HG'2 T'2	TS2	DCT1	XPG	SOG	A'2	HG2	CL6	A2	TST	FTT5	VGT2	CS2	WT	FAD	TTT	LOLD	02	VF'2 U'2	TS7	JXP1	XCL	NE	B'2	VF2	BN	B2	SCK	CMN	VGT7	CS7	SCB	GPA	TOS2	CTT2	02
01	HG'1 T'1	TS1	RO'		ITR	A'1	HG1	NDK	A1	BT	FTT4	VGT1	CS1	TOB	HFA	BLC	2L1	01	VF'1 U'1	TS6	LK	XCR	NR	B'1	VF1	SMP	B1	SCN	ACD COV	VGT6	CS6	TSE	CNR	TOS1	CTT1	01
00	HG'0 T'0	TSO	LXP1	XFUT	SG	A'0	HGO	SCT *P*GRD	AO	MON	FG2	VGTO	CSO	TOBS	NAMA	F	2L	00	VF'0 U'0	TS5	RK	XTV	ROA	B'0	VFO	NSP	BO	CNS	AD	VGT5	CS5	CM	OCN	TOSO	CTTO	00

*CONTACT

FIXED SPRING	MOVABLE SPRING
TAN	TANO
SRT1	SRT
TOL	TSC5
ODT	OD

**SEE TABLE 4F, SHEET D19

DRAWING ISSUE
430 CPM LL AND
440 CPM LL AND
450 JB AOM AND
480 BB LW AND RLP
490AR LW AND JLF
520 PAM JLF RLP
53AR LW AND VB
540 LW AND VB
550 LW AND JQC
560 LL AND EA
580 EA JQC MLG
590 EA KJQ MLG
600 DM NB AND
620 NJF
640 TRM
660
700
730

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D24
BELL TELEPHONE LABORATORIES INCORPORATED 6S
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TABLE 2B

FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED TR CARD

CONTACT NUMBERS	RELAY B5
59	
58	MT57
57	SG
56	LOLL
55	AIS
54	AGCK
53	MT38K
52	CNT
51	TLT
50	DAC
49	CSW
48	A,1'
47	ORC'2
46	ORC'1
45	ORC'0, RNT'2
44	THT3
43	THT2
42	RTC
41	TH'3
40	TH'2
39	OD'
38	OD
37	CAMS
36	CAMF
35	CAMA
34	ROH
33	PSI
32	TCGB
31	TCGA
30	PE
29	OSG11
28	OSG10
27	RIP
26	2LN
25	FK
24	TTF
23	SEF
22	FS29
21	FS28
20	FS27
19	DNC
18	LCD2
17	LCD1
16	LCD0
15	VTC
14	FS26
13	FS25
12	FS24
11	FS23
10	FS22
9	WKC
8	FC
7	CAM
6	ACD
5	AD
4	FS21
3	FS20
2	FTT5
1	FTT4
0	FG2

PRIOR TO ISSUE 39-D THE HEADING FOR TABLE 2B READ: SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF B5 RELAY FIG.8 FOR USE WHEN AN OFFICE HAVING FIG.8 ADDS CAMA AND/OR OPERATION WITH SECOND EXTENSION TRUNK LINK FRAMES OR MORE THAN 10 PLUS 1 EMERGENCY RECORDER (DOUBLE SIDED T.R. CARD)

TABLE 2C

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 163

CONT NO.	RELAYS D0	D1	D2
54	N7	N'7	LRL
53		HMA	TOK
52		EV	XST
51	XCE		DN
50	XBRL	DNGD	TGA
44	CD7	RT	SGA
43	CD4	RG	ROT
42	CD2	DNGC	RO3
41	CD1	DNGB	RO2
40	CD0	DNGA	RO1
34	CD15	IT	FGA
33	CD10		AG6
32	M'4	CE	AG5
31	M'2	BTT	AG4
30	M'1	BRT	AG3
24	M'0	LLEI	AG2
23	TB9	TLEI	AG1
22	TB8	OVFI	SR3
21	TB7	OVFO	SR2
20	TB6	ODD	SR1
14	CE'	2WD	CDA'7
13	M4	2WDI	CDA'4
12	BRL	LESI	CDA'2
11	2W	TESI	CDA'1
10	4W	OP	CDA'0
04	ENI	PRI	CDA7
03	ESCK	LESK	CDA4
02	M2	LLES	CDA2
01	M1	TLES	CDA1
00	M0	TESK	CDA0

TABLE 2D

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 164

CONT NO.	RELAYS E0	E1	E2
54	BLDA	TBT9	DTI
53	LFKI	TBT8	DATI
52	LLP	TBT7	AOT
51	LPI	TBT6	LIO
50	LRA	TBT5	LII
44	XLF	TBT4	LRI
43	BLT	TBT3	XI
42	DAT	TBT2	XL
41	KM	TBTI	XHGI
40		TBTO	XHGA
34		TBU9	RIK
33		TBU8	TIR
32		TBU7	RYK
31		TBU6	TKT
30		TBU5	
24		TBU4	
23	LRS	TBU3	DT4
22	LRR	TBU2	DT5
21	DLTK	TBUI	RDS
20	DATK	TBUO	RDR
14	TSTL	TBTA	DT7
13	TBS3	LAN	7T
12	TBS2	TBUA	
11	TBSI	LLP2	
10	TBSO	LB	
04	RIP	CKR	
03	PAN	CKRI	
02	MRI, CTI	CKO	
01	LDN		
00	POTS		

(RM) TABLE 2E

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 178

CONT NO.	RELAYS F0	F1
54	LP2	OHS
53	LPI	PLB
52	LPO	TPMK
51	AFK	LPMK
50	AFI	TA
44	AF	STL5
43		STL4
42		STL3
41		STL2
40		STLI
34		STLO
33	CDP15	CIRL
32	CDP10	STMM
31	CDP7	TRXF
30	CDP4	NPC
24	CDP2	NPM
23	CDP1	2LV
22	CDP0	PML
21		LNP
20		LNPR
14	CDP'7	NPR
13	CDP'4	STG
12	CDP'2	STS5
11	CD.'1	STS4
10	CDP'0	STS3
04		STS2
03		STSI
02		PRO
01		PRE
00		PRI

TABLE 2F

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 52 (FOR USE WITH TABLE IE & IF ONLY)

CONT NO.	RELAYS P0	P1	P2
54	NW	WCH9	
53	WB2	WCH8	CCKI
52	WBI	WCH7	CCK
51	WBO	WCH6	WAT
50	TBL	WCH5	WDTF
44	RWL	WCH4	WDTI
43	LWL	WCH3	SWAT
42	MMK	WCH2	TSGA/B
41	RSMK	WCHI	RSGA/B
40	RUKI	WCHO	CWCN
34	RDCK	DF1	WCN
33	WL9	BCN	WFCK
32	WL8	LSK	
31	WL7	LLCK	WCK
30	WL6	LLC3	JSSF
24	WL5	LLC2	WDCI
23	WL4	LLCI	WHSI
22	WL3	LLCO	WTK
21	WL2	WLFK	WSL
20	WLI	WBT2	LXWA
14	WLO	WBTI	LXWI
13	WHXT	WBTO	JXWA
12	RIW	NWT	JXWI
11	RSW	WTFK	WCV
10	PKI	TSK	WMM
04			LSKI
03			WTG3
02			WTG2
01			WTGI
00			WTGO

TABLE 3

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.9 (FOR USE WITH SINGLE SIDED T.R. CARD OR FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD)

CONTACT NUMBERS	RELAYS A6	A7	A8	B4	C4	C5	T2	T3	CONTACT NUMBERS
29	CTO	CHA	XVGA		HGT9	CS29		THGT9	29
28	2P	TBK	XJS		HGT8	CS28		THGT3	28
27	MAN	CKG	XHG	HMS1	HGT7	CS27		THGT7	27
26	FTK1	GTL	XLG	PBX	HGT6	CS26		THGT6	26
25	HTK1	LFK	XLC	FAK	HGT5	CS25		THGT5	25
24	VG'7	SQA	XLR	VG7	HGT4	CS24	TRR	THGT4	24
23	VG'4	RK3	XJG	VG4	HGT3	CS23		THGT3	23
22	VG'2	RK2	XJC	VG2	HGT2	CS22	OC1	THGT2	22
21	VG'1	RK1	XF	VG1	HGT1	CS21	TR1	THGT1	21
20	VG'0	LOLL	XVGB/ XCW	VG0	HGTO	CS20	NTH	THGTO	20
19	VG'10		XCL	ROA	VFT4	CS19	LK3	TVFT4	19
18	FT'3		XTS	FT3	VFT3	CS18		TVFT3	18
17	FT'2		TG5	FT2	VFT2	CS17	MT2K	TVFT2	17
16	FT'1		TG4	FT1	VFT1	CS16		TVFT1	16
15	FT'0		TG3	FTO	VFTO	CS15		TVFTO	15
14	FU'7		XCS	FU7	XFT	CS14	LK2	VGA	14
13	FU'4			FU4	CGB	CS13	G		13
12	FU'2		CWF	FU2	CGA	CS12	RC		12
11	FU'1		CWK	FU1	VGT11	CS11	CKG2	TVGT11	11
10	FU'0		TBO	FU0	VGT10	CS10		TVGT10	10
9	VF'4	TS9	TG2	VF4	VGT9	CS9		TVGT9	9
8	VF'3	TS8	VTK1	VF3	VGT8	CS8		TVGT8	8
7	VF'2	TS7	XLH	VF2	VGT7	CS7		TVGT7	7
6	VF'1	TS6	CM	VF1	VGT6	CS6		TVGT6	6
5	VF'0	TS5	CHE JXP1	VFO	VGT5	CS5		TVGT5	5
4	HG'7	TS4	LK	HG7	VGT4	CS4		TVGT4	4
3	HG'4	TS3	XPTN	HG4	VGT3	CS3	TRT	TVGT3	3
2	HG'2	TS2	XPG	HG2	VGT2	CS2	TTT	TVGT2	2
1	HG'1	TS1	DCT1	HG1	VGT1	CS1	BRT	TVGT1	1
0	HG'0	TSO	LXP1	HGO	VGTO	CSO	BTT	TVGTO	0

CONTACT NUMBERS	RELAYS A6	A7	A8	B4	C4	C5	T2	T3	CONTACT NUMBERS
59	FML	P9	TG1	FS19	MRL	FTCK		TCH9	59
58	PR	P8	TGO	FS18		LDT		TCH8	58
57	SF	P7	CK	FS17	DCT	SDT		TCH7	57
56	EF	P6	RCY	FS16	SL	WT		TCH6	56
55	RF	P5	SNK	FS15	LCK	DIS1		TCH5	55
54	JG4	P4	FM	FS14	HGK	M	MLFA	TCH4	54
53	JG3	P3	RK	FS13	FTT3	LK1	TDCT	TCH3	53
52	JG2	P2	TK	FS12	FTT2	TSE	M01	TCH2	52
51	JG1	P1	SEF *	FS11	FTT1	OBS2	TB	TCH1	51
50	JGO	PO	TTF *	FS10	FTTO	OBS1	RT3	TCH0	50
49	JC9	PNR	XSL	FS9	FUT9	SDG	EXT	MT7	49
48	JC8	PC		FS8	FUT8	4DG		MT9K	48
47	JC7	PB	JXPA	FS7	FUT7	EXG		LLJ	47
46	JC6	PA	XTC1	FS6	FUT6	EXB	RCY	KJSQ	46
45	JC5	JCK	XTC	FS5	FUT5	HTR	TSK	JSQ5	45
44	JC4	LL7		FS4	FUT4	RA	RT2	JSQ4	44
43	JC3	LL4	XTRL	FS3	FUT3	MAK1	RT1	JSQ3	43
42	JC2	LL2	XBT	FS2	FUT2	TRL	TSE2	JSQ2	42
41	JC1	LL1	XTRK	FS1	FUT1	TC1	TSE1	JSQ1	41
40	JCO	LLO		FSO	FUTO	TRS	FTC	JSQO	40
39		CH9	XTG1	CRU7	BT	TR2		MT8K	39
38	ACB	CH8	XTS1	CRU4		TRK		MT5	38
37	LTR LXPA	CH7	XFG	CRU2	CON	MLF		MT3K	37
36	HTR	CH6	MXT	CRU1 FG1	TCHK	MF			36
35		CH5	XCH	CRUO FGO	STP2	D			35
34	FCG	CH4	XLS	TF7	STP1	CU7	DIS		34
33	GT2	CH3		TF4	TM	CU4	▸TO	LHMT	33
32	GLH	CH2		TF2	FCK	CU2		LHM	32
31	CT2	CH1		TF1	TLH	CU1	TBT	CSG2	31
30	CT1	CHO	XLV	TFO	DTK	CUO		CSG1	30

* SEE TABLE 3D

TABLE 2G

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 197 (FOR USE WITH TABLE I/SINGLE SIDED TROUBLE RECORD CARD OFFICE)

CONT NO.	OPTION	RELAYS GO(-)	
54	OX	THT3	
53	OX	THT2	
52	OY	RTC	
51	ND	AD'	
50	ND	OD'	
44	NE	MT57	
43			
42			
41			
40			
34			
33			
32			
31			
30			
24			
23			
22			
21			
20			
14	OG	NTVB	
13	OG	NTCW	
12			
11			
10			
04			
03			
02	KG	RCY	
01			
00			

TABLE 2H

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 198 (FOR USE WITH TABLES IA,IB,IE OR IF)

CONT NO.	OPTION	RELAYS HO(-)	
54			
53			
52			
51			
50			
44			
43			
42			
41			
40			
34			
33			
32			
31			
30			
24			
23			
22			
21			
20			
14	OG	NTVB	
13	OG	NTCW	
12			
11			
10			
04			
03			
02	KG	RCY	
01			
00			

TABLE 2I

SHOWING DESIGNATION OF LEADS ON COMPLETING MARKER CONNECTOR RELAY CONTACTS IN APP FIG. 50 (FOR USE WITH TABLE IF ONLY WHEN CONVERTING TO THE DOUBLE SIDED TROUBLE RECORD CARD WITH THE 2/5 PUNCH DESIGNATION SYSTEM)

CONT NO.	OPTION	RELAYS IO(-)	
54			
53			
52			
51			
50			
44			
43			
42			
41			
40			
34			
33			
32			
31			
30			
24			
23			
22			
21			
20			
14			
13		ALN	
12		DTF	
11		T	
10		DLT	
04		TTCI	
03		CTA7	
02		CTA4	
01		CT7	
00		CT4	

DRAWING ISSUE

430 BM
45D JB
46AR EN
47AR BB
48 BB
49AR
52D
53AR
55D
56D
57A
59D
60D
64D
66D
68D
69A
70D
71D
73D
75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D2S

BELL TELEPHONE LABORATORIES INCORPORATED 6S

TABLE 3A

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG. 151 FOR OFFICES HAVING NEW STANDARD MTF CONN (DOUBLE SIDED T.R. CARD)

CONTACT NUMBERS	RELAYS												CONTACT NUMBERS	RELAYS											CONTACT NUMBERS
	A13	A15	A17		B11		C9	C11		T5	T7			A12	A14	A16		B10	B12		C8	C10		T4	T6	
54	FML	P9	TG1		FS19		MRL	FTCK			TCH9		54	JG4	P4	FM		FS14			HGK	M		MLFA	TCH4	54
53	PR	P8	TGO		FS18			LDT			TCH8		53	JG3	P3	RK		FS13			FTT3			TDCT	TCH3	53
52	SF	P7	CK		FS17		DCT	SDT			TCH7		52	JG2	P2	TK		FS12			FTT2	TSE		MO1	TCH2	52
51	EF	P6	P[illegible]		FS16		SL	WT			TCH6		51	JG1	P1	SEF *		FS11			FTT1	OBS2		TB	TCH1	51
50	RF	P5	SNR		FS15		LCK	DIS1			TCH5		50	JG0	P0	TTF *		FS10			FTT0	OBS1		RT3	TCH0	50
44	JC9	PNR	XSL		FS9		FUT9	SDG		EXT	MT7		44	JC4	LL7			FS4			FUT4	RA		RT2	JSQ4	44
43	JC8	PC			FS8		FUT8	4DG			MT9K		43	JC3	LL4	XTRL		FS3			FUT3	MAK1		RT1	JSQ3	43
42	JC7	PB	JXPA		FS7		FUT7	EXG			LLJ		42	JC2	LL2	XBT		FS2			FUT2	TRL		TSE2	JSQ2	42
41	JC6	PA	XTC1		FS6		FUT6	EXB		RCY	KJSQ		41	JC1	LL1	XTRK		FS1			FUT1	TC1		TSE1	JSQ1	41
40	JC5	JCK	XTC		FS5		FUT5	HTR		TSK	JSQ5		40	JC0	LLO			FS0			FUTO	TRS		FTC	JSQ0	40
34	PK1	CH9	XTC1		CRU7		BT	TR2			MT8K		34	FCG	CH4	XLS					STP1	CU7		DIS		34
33	AC8	CH8	XTS1		CRU4		CGC	TRK			MT5		33	GT2	CH3						TM	CU4		RTO	LHMT	33
32	LXPA	CH7			CRU2		CON	MLF			MT3K		32	GLH	CH2						FCK	CU2		TSM	LHM	32
31	CT7	CH6	MKT		CRU1		TCHK	MF					31	CT2	CH1						TLH	CU1		TBT	CSG2	31
30	CT4	CH5	ACH		CRUO		STP2	D					30	CT1	CHO	XLV			PE		DTK	CUO			CSG1	30
24	CTO	CH4	XVCA		NC		HGT9	CS29			THGT9		24	VG'7	SQA	XLR			TTF *		HGT4	CS24		TRR	THGT4	24
23	2P	TBK	XJS				HGT8	CS28			THGT8		23	VG'4	RK3	XJG			SEF *		HGT3	CS23			THGT3	23
22	MAN	CKG	XHC		HMS1		HGT7	CS27			THGT7		22	VG'2	RK2	XJC			FS29		HGT2	CS22		OC1	THGT2	22
21	FTK1	GTL	XLG		PBX		HGT6	CS26			THGT6		21	VG'1	RK1	XF			FS28		HGT1	CS21		TR1	THGT1	21
20	HTK1	LFK	XLC		FAK		HGT5	CS25			THGT5		20	VG'0	LOLL	XVGL/ XCW			FS27		HGTO	CS20		NTH	THGTO	20
14	VG'10	LOLL	XCL		ROA		VFT4	CS19		LK3	TVFT4		14	FU'7	WDC1	XCS		FU7	FS26			CS14		LK2	VGA	14
13	FT'3	WAT	XTS		FT3		VFT3	CS18			TVFT3		13	FU'4	XAB			FU4	FS25		CGB	CS13		G		13
12	FT'2	WGB	TG5		FT2		VFT2	CS17		MT2K	TVFT2		12	FU'2	~~XWB~~	~~CWF~~		FU2	FS24		CGA	CS12		RC		12
11	FT'1	WGA	TG4		FT1		VFT1	CS16			TVFT1		11	FU'1	DAT1	CWK		FU1	FS23		VGT11	CS11		CKG2	TVGT11	11
10	FT'0	WTK	TG3		FTO		VFTO	CS15			TVFTO		10	FU'0	AOT	TBO		FU0	FS22		VGT10	CS10			TVGT10	10
04	VF'4	TS9	TG2				VGT9	CS9			TVGT9		04	HG'7	TS4	LK			FS21		VGT4	CS4			TVGT4	04
03	VF'3	TS8	VTK1				VGT8	CS8			TVGT8		03	HG'4	TS3				FS20		VGT3	CS3		TRT	TVGT3	03
02	VF'2	TS7	XLH				VGT7	CS7			TVGT7		02	HG'2	TS2	XPG			FTT5		VGT2	CS2		TTT	TVGT2	02
01	VF'1	TS6	CN				VGT6	CS6			TVGT6		01	HG'1	TS1	DCT1			FTT4		VGT1	CS1		BRT	TVGT1	01
00	VF'0	TS5	JXP1				VGT5	CS5			TVGT5		00	HG'0	TSO	LXP1					VGTO	CSO		BTT	TVGTO	00

* SEE TABLE 3D

* SEE TABLE 3D

TABLE 3B

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF 86 RELAY FIG. 9 FOR USE WHEN AN OFFICE HAVING FIG. 9 ADD OPERATION WITH SECOND EXTENSION TRUNK LINK FRAMES (DOUBLE SIDED T.R. CARD)

CONTACT NUMBERS	RELAY B6
59	
58	
57	
56	
55	
54	
53	
52	
51	
50	
49	
48	
47	
46	
45	
44	
43	
42	
41	
40	
39	
38	
37	
36	
35	
34	
33	
32	
31	
30	PE
29	
28	
27	
26	
25	
24	TTF *
23	SEF *
22	FS29
21	FS28
20	FS27
19	
18	
17	
16	
15	
14	FS26
13	FS25
12	FS24
11	FS23
10	FS22
9	
8	
7	
6	
5	
4	FS21
3	FS20
2	FTT5
1	FTT4
0	

* SEE TABLE 3D

TABLE 3C

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG. 176 (FOR USE WITH SINGLE SIDED TROUBLE RECORD CARD OR FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORD CARDS)

CONTACT NO.	RELAY T8
9, 10T	-
7, 8T	-
5, 6T	-
3, 4T	-
1, 2T	MLFA
7, 8B	RT3
5, 6B	RT2
3, 4B	RT1
1, 2B	RTO

TABLE 3E

SHOWING DESIGNATION OF LEADS ON DIAL TONE MARKER CONNECTOR RELAY CONTACTS IN APP FIG. 51 (FOR USE WITH TABLE IF ONLY WHEN CONVERTING TO THE DOUBLE SIDED TROUBLE RECORD CARD WITH THE 2/5 PUNCH DESIGNATION SYSTEM)

CONTACT NUMBERS	RELAY JO(-)
54	
53	
52	
51	
50	
44	
43	
42	
41	
40	
34	
33	
32	
31	
30	
24	
23	TSM
22	CGC
21	PKI
20	NC
14	DATI
13	XWB
12	AOT
11	WGA
10	WGB
04	WAT
03	WDCI
02	WTK
01	CT7
00	CT4

TABLE 3D

OPTIONAL LEADS

RELAY	LEAD DESIG	OPTION			
		B6	A8	B12	A16
	TTF	NM	NN	NM	NN
	SEF	NM	NN	NM	NN

DRAWING ISSUE

430	EPL
450	JB
480	PEB
49AR	RLP
56D	NJC
66D	FMG
68D	CB
70D	CB
71D	CB

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D26

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D26

TABLE 4 (MFR DISC)

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS
IN FIG. 10 (FOR USE WITH SINGLE SIDED TR CARD)

TO TROUBLE RCDR	CONTACT NUMBERS	RELAYS R8	R7	R6	R5	R4	R3	R2	R1	R0	CONTACT NUMBERS
BW59	59	LV9	CH9	P9	CLK TCK	ET	BY	NS	XVG	MU7	59
58	58	LV8	CH8	P8	CLT2	TEN	RB	SY	XET	MU4	58
57	57	LV7	CH7	P7	CLT1	RT	EXT	SC	XVF	MU2	57
56	56	LV6	CH6	P6	CLG	SP	TBY	HR	X2P	MU1	56
55	55	LV5	CH5	P5	NOC	E NGCT3	OF	DA	XOF	MU0	55
54	54	LV4	CH4	P4	FAB	E NGCT2	XSC	ASP	XCK	MT7	54
53	53	LV3	CH3	P3	FAA	B NGCT1	FACK TB9	BSP	XU1	MT4	53
52	52	LV2	CH2	P2	RT4	A NGCTO	FABC TB8	POTS	XT1 XLF	MT2	52
51	51	FBK	CH1	P1	RT3	AT	CIFA TB7	LRA	XPI LFKI	MT1	51
50	50	FAK	CHO	PO	RT2	HR1	TM2 TB6	PTS	XTKK FK	MTO	50
49	49	TG19	9FP,9NP	PC	RT1	OTO	TMI/ LVI	MXT TBL	XU	HU7	49
48	48	TG18	8MP,8SP	PB	RTO	IPA	TR/ LVO	RD	XTC	HU4	48
47	47	TG17	7TP,7RN	PA	EX	TV	RL	DS	XTL	HU2	47
46	46	TG16	6FT,6NT	PNR	CRR2	OFT2	RLR	LC	XRB	HU1	46
45	45	TG15	5MT,5ST	RVI	CRR1	OFT1	P5	P1	XP	HU0	45
44	44	TG14	4TT,4NE	JG4	CRRO	OFTO	CI1	CK	XNL	HT7	44
43	43	TG13	3FB,3NA	JG3	CNS		IRY	PAK	XICK	HT4	43
42	42	TG12	2MB,2SA	JG2	OPR	LT2	CI2	PT	XIC	HT2	42
41	41	TG11	ITB,ISE TTGI	JG1	CWK TWT	CL8	CI3	OTN	XRL	HT1	41
40	40	TG10	ONN TTGO	JGO	DR	CL7	CI4	PT1	XRST	HTO	40
39	39	TG9	RS9	JC9	GPB	TTK	TOK	DTK	X	DU7	39
38	38	TG8	RS8	JC8	AVG GPA	OTT	IC	P	XPL	DU4	38
37	37	TG7	RS7	JC7	AL	TSA NDX	RK	2L	ENCI	DU2	37
36	36	TG6	RS6	JC6	TSQ7 GS5	ND1	DNK LOLL	4L	ENCO	DU1	36
35	35	TG5	RS5	JC5	TSQ6 GS4	RPK	CK4 LOLD	AC8	CLF	DUO	35
34	34	TG4	TP4 RS4	JC4	TSQ2 GS3	RP	CK2	TR2 2TR	SKP	DT7	34
33	33	TG3	TP3 RS3	JC3	TSQ1 GS2	TP'	CK1	TRK 1TR	SPA	DT4	33
32	32	TG2	TP2 RS2	JC2	TSQO GS1	TP	CK7	OP1	MG	DT2	32
31	31	TG1	TPI RSI	JC1	STP2	CN	CKG	HMS TGR	MO	DT1	31
BW30	30	TGO	TPO RSO	JCO	STP1	TC	TM	CRS TEA	RN	DTO	30

TO TROUBLE RCDR	CONTACT NUMBERS	RELAYS R8	R7	R6	R5	R4	R3	R2	R1	R0	CONTACT NUMBERS
BW29	29	F'7	CR7	CR'7 BR7	M'7 SQI	PBXI SNR	PRCY RR	AR7	PSR IFK	CU7	29
28	28	F'4	CR4	CR'4 BR4	ANC M7	NGK1	AN	AR4	TGT IRT	CU4	28
27	27	F'2	CR2	CR'2 BR2	CL6	PTK	RNG	AR2	CT2	CU2	27
26	26	F'1	CR1	CR'1 BR1	CL5	TNK	EG	AR1	CT1	CU1	26
25	25	F'O	CRO	CR'O BRO	CL4	HTUK	SAE	ARO	CTO	CUO	25
24	24	E'7	L7	L'7	CL3	UK	AK	RCK3	VF4	VF'4	24
23	23	E'4	L4	L'4	CL2	NGK	A	RCK2	VF3	VF'3	23
22	22	E'2	L2	L'2	CL1	SMG	CKR	SRK	VF2	VF'2	22
21	21	E'1	L1	L'1	M11	OB	CKO	EN	VF1	VF'1	21
20	20	E'O	LO	L'O	DS6	OA	SLCK	TCK1	VFO	VF'O	20
19	19	D'7	K7	K'7	CK5 DL5	HN9	U9	LI	HG7 SW7	HG'7	19
18	18	D'4	K4	K'4	CK4 DL4	HN8	U8	RSK	HG4 SW4	HG'4	18
17	17	D'2	K2	K'2	CK3 DL3	HN7	U7	TBH	HG2 SW2	HG'2	17
16	16	D'1	K1	K'1	CK2 DL2	HN6	U6	TB1	HG1 SW1	HG'1	16
15	15	D'O	KO	K'O	CKI DLI	HN5	U5	RI	HGO SWO	HG'O	15
14	14	C'7	J7	J'7	RN7	HN4	U4	BN	VG10	VG'10	14
13	13	C'4	J4	J'4	RN4	HN3	U3	TIN	VU7, VG7	VG'7	13
12	12	C'2	J2	J'2	RN2	HN2	U2	LIN	VU4 VG4	VG'4	12
11	11	C'1	J1	J'1	RN1	HN1	U1	TCH	VU2 VG2	VG'2	11
10	10	C'O	JO	J'O	RNO	HNO	UO	RH LCH	VU1 VG1	VG'1	10
9	9	B'7	H7	H'7	MB7	NGC9 TH9	T9	LH PUL	VUO VGO	VG'O	9
8	8	B'4	H4	H'4	MB4	NGC8 TH8	T8	OFH	FU7	SW7 FU'7	8
7	7	B'2	H2	H'2	MB2	NGC7 TH7	T7	BY	FU4	SW4 FU'4	7
6	6	B'1	H1	H'1	MB1	NGC6 TH6	T6	OV	FU2	SW2 FU'2	6
5	5	B'O	HO	H'O	MBO	NGC5 TH5	T5	FNB	FU1	SWI FU'1	5
4	4	A'7	G7	G'7	CP7	NGC4 TH4	T4	FNA	FUO	SWO FU'O	4
3	3	A'4	G4	G'4	CP4	NGC3 TH3	T3	PBN	FT3	FT'3	3
2	2	A'2	G2	G'2	CP2	NGC2 TH2	T2	PTN	FT2	FT'2	2
1	1	A'1	G1	G'1	CP1	NGC1 TH1	T1	TN	FT1	SWTO FT'1	1
BWO	0	A'O	GO	G'O	CPO	NGCO THO	TO	PN	FTO	SWTO FT'O	0

DRAWING ISSUE
43D LMW, L—, AND
45D JB, PER AMD
49D LEA, NOT AND
62D LT
63A LT
68D
700

ISSUE 9BB

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-D27
BELL TELEPHONE LABORATORIES INCORPORATED
FORM 6S

SD-25805-01-D27

STABILO

TABLE 4 (CONT) (MFR DISC)

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.10 (FOR USE WITH SINGLE SIDED TR CARD)

TO TROUBLE RCDR	CONTACT NUMBERS	RELAYS									CONTACT NUMBERS
		S8	S7	S6	S5	S4	S3	S2	S1	S0	
BW119	59	SNK	LDT	XCW XVGB	LR	RCT15	VFT4	CS29 TLR29	EF	LC9	59
118	58	RK3	SDT	XVGA	SQA	RCT14	VFT3	CS28 TLR28	RF	LC8	58
117	57	RK2	WT	XCH	FC6	RCT13	VFT2	CS27 TLR27	PR	LC7	57
116	56	RK1 ORK		XFT	XAP,XAN	RCT12	VFT1	CS26 TLR26	SF	LC6	56
115	55	DTK	MRL	XRS1	XMRL	RCT11	VFT0	CS25 TLR25	TB5	LC5	55
114	54	RA	DIS1	XRS	XRL	RCT10	HGT9	CS24 TLR24	TB4	LC4	54
113	53	RCY	BT	XPT	XBT	RCT9	HGT8	CS23 TLR23	TB3	LC3	53
112	52	FM	TRL	XTS1	XTRL	RCT8	HGT7	CS22 TLR22	TB2	LC2	52
111	51	TK	DCT3	XSL	XTRK	RCT7	HGT6	CS21 TLR21	TB1 GB	LC1	51
110	50	RK	DCT2	XF	XTC1	RCT6	HGT5	CS20 TLR20	TB0 GA	LC0	50
109	49	LK	JXPA	XAB	XTC	RCT5	HGT4	CS19 TLR19	FS19 G19	TS19	49
108	48	TCHK	LK1	XLV	XCKR	RCT4	HGT3	CS18 TLR18	FS18 G18	TS18	48
107	47	JCK	DCT1	XLC	XCLC	RCT3	HGT2	CS17 TLR17	FS17 G17	TS17	47
106	46	LCK	DCT	XTS	XT	RCT2	HGT1	CS16 TLR16	FS16 G16	TS16	46
105	45	TSE	GT2	XLR	XPTN	RCT1	HGT0	CS15 TLR15	FS15 G15	TS15	45
104	44	TBK	CON	XJS	CPG	TPT PSI	RPT	CS14 TLR14	FS14 G14	TS14	44
103	43	MAK1	GLH	XJG	XFG	FUT9	VGT13 CGB	CS13 TLR13	FS13 G13	TS13	43
102	42	FML	HTR	XJC	XN	FUT8	VGT12 CGA	CS12 TLR12	FS12 G12	TS12	42
101	41	CK	LTR LXPA	XTG1	XHM XSA	FUT7	VGT11	CS11 TLR11	FS11 G11	TS11	41
100	40	FTCK	SL	XTB1	XS	FUT6	VGT10	CS10 TLR10	FS10 G10	TS10	40
99	39	FCK	HMS1	XTG	SXT XSS	FUT5	VGT9	CS9 TLR9	FS9 G9	TS9	39
98	38	TRN	RL	XTB	XRCT	FUT4/7	VGT8	CS8 TLR8	FS8 G8	TS8	38
97	37	NE	LB	XT5	XFUT	FUT3/4	VGT7	CS7 TLR7	FS7 G7	TS7	37
96	36	LXP1	HGK	XI XTV	XFTT	FUT2	VGT6	CS6 TLR6	FS6 G6	TS6	36
95	35	CHE JXP1	LFK	XOB	XLO	FUT1	VGT5	CS5 TLR5	FS5 G5	TS5 OFF5	35
94	34	TC1	NR	XCP	XLH	FUTO	VGT4	CS4 TLR4	FS4 G4	TS4 OFF4	34
93	33	GTL	FTK1	XMB	XLS	FTT3 RTE4	VGT3	CS3 TLR3	FS3 G3	TS3 OFF3	33
92	32	CWF DCK	HTK1	XDL	XCS	FTT2 RTE2	VGT2	CS2 TLR2	FS2 G2	TS2 OFF2	32
91	31	CKG	VTK1	XCR	XLG	FTT1 RTE1	VGT1	CS1 TLR1	FS1 G1	TS1 OFF1	31
BW90	30	TM	CGT	XCL	XHG	FTTO RTEO	VGTO	CSO TLRO	FSO GO	TSO OFFO	30

TO TROUBLE RCDR	CONTACT NUMBERS	RELAYS									CONTACT NUMBERS
		S8	S7	S6	S5	S4	S3	S2	S1	S0	
BW89	29	DR-EMG	DRA-EMG	RST-EMG	UT7 U7	LL7	NN	RO'	S14	F7	29
88	28	DR9	DRA9	RG9,RST9 CN9	UT4 U4	TH3 LL4	NH	AMA	S13	F4	28
87	27	DR8	DRA8	RG8,RST8 CN8	UT2 U2	TH2 LL2	AIS MPT	NOB'	OSG9	F2	27
86	26	DR7	DRA7	RG7,RST7 CN7	UT1 U1	TH1 LL1	NTT	OBS'	OSG8	F1	26
85	25	DR6	DRA6	RG6,RST6 CN6	UTO UO	THO LLO	NT	TVT	OSG7	FO	25
84	24	DR5	DRA5	RG5,RST5 CN5	TT7 T7	CD7 TF7	CSW, NC	SC	OSG6	E7	24
83	23	DR4	DRA4	RG4,RST4 CN4	TT4 T4	CD4 TF4	SPL	5DG	TR	E4	23
82	22	DR3	DRA3	RG3,RST3 CN3	TT2 T2	CD2 TF2	M	4DG	AVK1	E2	22
81	21	DR2	DRA2	RG2,RST2 CN2	TT1 T1	CD1 TF1	TST	L5D	SLK2	E1	21
80	20	DR1	DRT1 DRA1	RG1,RST1 CN1	TTO TO	CDO TFO	XX	LST	SLK1	EO	20
79	19	DRO	DRTO DRAO	RGO,RSTO CNO	HT7	FG1	PTR	S12	RNK	D7	19
78	18	TMG	RPSA TTT	RP4	HT4	FGO	RLK	S11	RNT2	D4	18
77	17	REC	LLCK,RPAB	RP3	HT2	OBS2, TOB	PRL	S10	RSC	D2	17
76	16	TV	DRC RPB	RP2	HT1	OBS1 TOBS	PCK	S9	OST2	D1	16
75	15	MKR	SCB	RNTI, RPI	HTO	TR2,LTI	SD	S8	TSR,TA	DO	15
74	14	PRT	PRR FLG	RNTO, RPO	OCN	TRK FAC	CMC	S7	OSK	C7	14
73	13	GT5	NSI	CN3	EGN RG23	RO	CMB	S6	OSE	C4	13
72	12	TRS	NSO	CN2	PCD1 RG22	INC	CMA	S5	OS4 RA4	C2	12
71	11	SSTI MOS	SON	CN1	PCD RG21	TOL	CM3	S4	OS3 RA3	C1	11
70	10	MIR	ROA	CNO	PCR RG20	TAN	CMK, CNR	S3	OS2 RA2	CO	10
69	9	MOR	TER	FR9		OR	NOB	S2	OSI RAI	B7	9
68	8	LVM	TOG	FR8		THC	OBS	S1	OSO RAO	B4	8
67	7	LVF	SOG	FR7		PHC	SPC 2P	SO	SSB	B2	7
66	6	TLV	RV	FR6		OB	NSP MAN	CN2	SSA	B1	6
65	5	ACDO MLV	ITR	FR5	SEE TABLE A	OA	SCK	CN1	OSG5	BO	5
64	4	TKT	2DT	FR4		11	SCN	CNO	OSG4	A7	4
63	3	DRT SRT	LIT	FR3		X11	CR	FR3 CN3	OSG3	A4	3
62	2	ATKT	MF	FR2		FVD	PK	FR2	OSG2	A2	2
61	1	MTPT ROTL	D	FR1		TT	PD	FR1	OSG1	A1	1
BW60	0	TI	MLF	FRO		SDG LT	PS	FRO	OSGO	AO	0

TABLE A

CONTACT NUMBERS	RELAY S5
9	CN19,RG19,RST19
8	CN18,RG18,RST18
7	CN17,RG17,RST17
6	CN16,RG16,RST16
5	CN15,RG15,RST15
4	CN14,RG14,RST14
3	CN13,RG13,RST13
2	CN12,RG12,RST12
1	CN11,RG11,RST11
0	CN10,RG10,RST10

DRAWING ISSUE

430 EM CL-4YG

680

700

730

74A

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D28

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

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TABLE 4A

(FOR MASTER TEST FRAME CONN HAVING FIG. 150 & 152 (NEW STANDARD FRAME) OR HAVING FIG 8 & 152 (CONVERTED FRAME). SHOWING LEAD DESIGNATIONS ON MOVABLE SPRINGS OF SCANNING RELAYS, PUNCH DESIGNATIONS ON DOUBLE SIDED TROUBLE RECORDER CARD AND CROSS CONN INFORMATION FOR SCANNING RELAYS.

(THE FOLLOWING CROSS CONN SHOULD BE OMITTED WHEN AN OFFICE DOES NOT HAVE AND WILL NOT ULTIMATELY BE EQUIPPED FOR AMA OR CAMA.

1. CROSS CONN BETWEEN SCANNING RELAY PUNCHINGS AND ALL (V-) & (W-) RELAY PUNCHINGS.
2. CROSS CONN BETWEEN SCANNING RELAY PUNCHINGS AND MISCELLANEOUS PUNCHINGS AS SHOWN IN TABLE 4D SHEET D33

FOR CROSS CONNECTIONS FOR ANI WHEN LAMA OR CAMA IS NOT ALSO PROVIDED SF OPTION, SEE TABLE 4E, SHEET D33
FOR CROSS CONNECTIONS FOR WADS LINE CONCENTRATOR, SEE TABLE 4G, SHEET D33
FOR CROSS CONNECTIONS FOR ELECTRONIC ROUTE TRANSLATION WHEN LAMA OR CAMA IS NOT ALSO PROVIDED, SEE TABLE 4M SHEET D38.

CROSS CONNECT

FROM SCAN RELAY TS TERM.			00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54	(A) 2
S8	TO		E01	86,02	E98	E94	A2,20	E2,31 E99	C5,41	E97	E95	E96	E92	E91	E93	E90	E59	E,00	E304	E380	E303	E173 E350	E174 E351	E175 E352	E176 E353	E177 E354	E355	E356	E357	E358	E359	E381	DO,11 E110
	T.R.PCH & LEAD DESIG	F	T1	TST	ROTL MTPT	ATKT	SRT DRT ARET	TKT	M	MLV ACDO TLV	LVF TST	LVM	MOR	MIR	SSTI MOS	LIT	ARET PRT	MKR	MTR TV	ARET REC	MTRS TMG	*DRO	1	2	3	4	5	6	7	8	*DR9	*DRTO DR-EMG	2W
		R											TURN OVER						TURN OVER													
S7	TO		C3,33 E60 V2,14	C3,34 E61 V2,20	C4,02 V1,40	C4,03 V1,41	C4,04 V10,50	C2,40 E63 V3,51	A5,24 V3,50	A0,34 V13,44	B1,24 V2,11	B1,23 V13,02	A1,30	A2,24	A8,00	E58 V11 03	E56 C3,30 V11 01	E57 C3,31 V13 01	A8,01 E128 V10,52	A8,02 E384	A8,03 E385	A8,04 E340	A11,54 E341	B9,30 E342	B8,34 E343	A9,00 E344	C1,34 E345	C5,02 E346	A4,22 E347	A4,23 E348	C6,40 E349	E383	DO,10 E109
	T.R.PCH & LEAD DESIG	F	** 1TR	** 2TR	WT TM1 TM2T	SDT TM2 TM3T	LDT NMF	TRS	TGT IRT TR	FCG TRIT	LR RL	DCK CWF RLI	GTS	SQA	PSR	MLF LOI	D NLOI	MF REI	ITR DRT2 NMBI	SOG *DRTO DRATO	TER DRT1 DRAT1	TOG DRAO	RV 1	CAMA 2	DTF 3/4	ROA 4/7	FLG PRR 5	SCB 6	NSO 7	NSI 8	SON DRA9	*DRT1 DRA-EMG	4W
		R																															
S6	TO		E146 V6,34	E145 V6,40	E147 V3 54	E140 V13,33	E141 V13,34	E142 V13,40	E143 V13,41	E144	A1,33	A5,31	A5,33	C2,44	C6,53	B8,33 V11,02	EQ,50 V11,00	C6,51 V13,00	C6,52 V10,51	B2,04 E201	CO,12 E227	CO,13 V11,40	E80 V11,41	E81	E82	E83	E89	E85 DO-24	E86	E88	E87	E64	DO,40
	T.R.PCH & LEAD DESIG	F	*** RPB	*** RPAB	*** RPSA	*** RPO RAO	*** RP1 RA1	*** RP2 RA2	*** RP3 RA3	*** RP4 RA4	LB	FM	RCY	RA	PRCY RR	ALN SNR	LRA IFK	TRF SQI	ATT DRC	AMA LLCK	TH'O	TH'I	CM3	CMA	CMB	CMC	SD TANO	PCK 1	PRL 2	RLK 3	PTR 4	XX TAN5	CDO
		R	2W	4W	TTT	T1A0	T1A1	T1A2	T1A3							L00	NL00	REQ	NMB0		TS	BI0	BI1									
S5	TO		E130 E301	E131 E162	E132 E163	E133	E134	E135	E136	E137	E138	E139	E101	E103	E105	E106	E117	B7,30 E250	B7,31 E251	B7,32 E252	B7,33 E253	B7,34 E254	B7,40 E335 ****	B7,41 E336 ****	B7,42 E337 ****	B7,43 E338 ****	B7,44 E339 ****	B7,50 E330 ****	B7,51 E331 ****	B7,52 E332 ****	B7,53 E333 ****	B7,54 E334 ****	DO,41
	T.R.PCH & LEAD DESIG	F	FRO	1	2	3	4	5	6	7	8	FR9	CNO	1	2	CN3	TOK CMK	HTO M3T-OAO	1	2	4	HT7 MBI-	TTO TO	1	2	4	TT7 T7	UTO UO	1	2	4	UT7 U7	1
		R	RST-EMG																														
S4	TO		E10 V4,00	E11 V4,01	E12 V4,02	E13 V4,03	E14 V4,04	E15 V4,10	E16 V4,11	E17 V4,12	E18 V4,13	E19 V4,14	E30 V9,00	E31 V9,01	E32 V9,02	E33 V9,03	E34 V9,04	E35 V9,10	E36 V9,11	E37 V9,12	E38 V9,13	E39 V9,14	E06 E235	E07 E236	E08 E237	E09 E238	B3,01 E239	B1,30 E215	B1,31 E216	B8,00 E217	C6,04 E218	C7,00 E219	DO,42
	T.R.PCH & LEAD DESIG	F	CN,RGO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	PG19CN	RG20 TRT-	21	22	RG23	SPC TRT-	FGO TRU-	1	FG2 2	ECN 4	OCN TRU-	2
		R	RSTO																			RST19		1	2	4							
S3	TO		B7,22 E84 V4,20	B7,24 V4,21	B3,50 V4,22	B7,23 V4,23	B7,20 V4,24	B7,21 E62 V4,30	B7,13 V4,31	B7,14 V4,32	B3,40 V4,33	B3,41 V4,34	C6,03	B2,44	B3,53	B3,52	B3,51	B3,42 E240	B3,43 E241	B3,44 E242	B9,31 E243	B9,32 E244	B6,24 E204	B6,23 E205	B2,41 E206	B3,00	B3,54	B0,30 E224	B0,31 E225	B0,32 E226	B0,33	B0,34	DO,43
	T.R.PCH & LEAD DESIG	F	LT SSG	TT	2DT	FVD	X11	11	OA	OB	PHC	THC	OR	FAC	INC	TAN	TOL	PCR	PCD	PCD1	CAMF	CAMS	LT1	LT2	LT3	NSP	RO	TFO ECO	1	2 EC2	4	TF7	4
		R	RST20	RST21	RST2?	ST23	RST24	RST25	RST26	RST27	RST28	RST29	NTB	CIK	RK	ASK	TRMF	RGO	1	2	4	RG7	ATO	1	AT2								
S2	TO		B5,51 V4,40	B5,52	B5,53	B7,03	B7,01	B7,02	C7,01	E50	E51	C4,00 V9,43 V4,41	C4,01 V9,44 V4,42	C7,30 V2,22	C7,31 V2,21	⊞	C6,50	B6,40 E202	B6,41 E203	B6,42	B6,43	B6,44	B6,50 E210	B6,51 E211	B6,52 E212	B6,53 E213	B6,54 E214	B2,30 E245	B2,31 E246	B2,32 E247	B2,33 E248	B2,34 E249	DO,44
	T.R.PCH & LEAD DESIG	F	PS	PD	PK	CR	SCN	SCK	CNR	MAN TCA	2P TCB	OBS1 TOBS NSP	OBS2 TOB SPC	OBS	NOB	WC	CDN	ARO **HT'0 ORTO	1 ORT1	2	4	AR7 **HT'	BRO **TT'0 ORU0	1	2	4	BR7 **TT'7 ORU7	CRO **UT'0 OINO	1	2	4	CR7 **UT'7 OIN7	CD7
		R	RNT2																														
S1	TO		B4,00 E65 V0,00	B4,01 E66 V0,01	B4,02 E67 V0,02	B4,03 E68 V0,03	B4,04 E69 V0,04	B5,00 E70 V0,10	B5,01 E71 V0,11	B5,02 E72 V0,12	B5,03 E73 V0,13	B5,04 E74 V0,14	B4,10 E75 V0,20	B4,11 E76 V0,21	B4,12 E77 V0,22	B4,13 E78 V0,23	B4,14 E79 V0,24	B5,10 V0,30	B5,11 V0,31	B5,12 V0,32	B5,13 V0,33	B5,14 V0,34	B4,20 V0,40	B4,21 V0,41	B4,22 V0,42	B4,23 V0,43	B4,24 V0,44	B5,20 V0,50	B5,21 V0,51	B5,22 V0,52	B5,23 V0,53	B5,24 V0,54	
	T.R.PCH & LEAD DESIG	F	A0	1	2	4	A7	B0	1	2	4	B7	C0	1	2	4	C7	D0	1	2	4	D7	E0	1	2	4	E7	F0	1	2	4	F7	
		R																															
S0	TO		A10,00 W1,10	A10,01 E390	A10,02 W1,30	A10,03	A10,04	A11,00 W0,50	A11,01 W0,51	A11,02 W0,52	A11,03 W0,53	A11,04 W0,54	A10,10 W0,40	A10,11 W0,41	A10,12 W0,42	A10,13 W0,43	A10,14 W0,44	A11,10 W0,30	A11,11 W0,31	A11,12 W0,32	A11,13 W0,33	A11,14 W0,34	A10,20 W0,20	A10,21 W0,21	A10,22 W0,22	A10,23 W0,23	A10,24 W0,24	A11,20 W0,10	A11,21 W0,11	A11,22 W0,12	A11,23 W0,13	A11,24 W0,14	A5,10
	T.R.PCH & LEAD DESIG	F	A'0	1	2	4	A'7	B'0	1	2	4	B'7	C'0	1	2	4	C'7	D'0	1	2	4	D'7	E'0	1	2	4	E'7	F'0	1	2	4	F'7	RNT20
		R																															
LEAD DESIG TO TROUBLE RCDR			BW60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	BW89	BWX2

*SEE TABLE 4B ** FOR LEAD DESIGNATION SEE TABLE 1A
***FOR ADDITTONAL CROSS CONNECTING INFORMATION
FOR OFFICES CONVERTED FOR USE WITH DOUBLE SIDED T.R. CARD SEE TABLE 4C.
****THESE PUNCHINGS ARE NOT CROSS CONN SEE CAD 110A

LEGEND FOR TABLE 4A

F — FRONT OF CARD (DESIGNATIONS OF PUNCHES FOR MARKER, PRETRANSLATOR, MONITOR, LINE INS TEST CKT)
DESIGNATION CENTERED APPEARS IN SAME LOCATION ON FRONT AND REAR OF CARD
R — REAR OF CARD (AMA, CAMA)

*TABLE 4B

ADDITIONAL CROSS CONNECTIONS
CROSS CONNECT

DESIG	TERM. NO.	TO	
DRTO	E371 E370	DRT(D0,1)(D2)(D3) (D4,5) (ON T.S. F)	CROSS CONNECT TO DRTO (E370,371) OR DRT1 (E372,373) ACCORDING TO TENS DIGIT OF MARKER NUMBER
DRT1	E372 E373	DRT(C0-5)(C6)(C7) (C8-11) (ON T.S. F)	
DRO-9	E360-369	DR(D0-3) (D4,5) DR(C0-7) (C8-11) (ON T.S. F)	CROSS CONNECT TO DRO-9 ACCORDING TO UNITS DIGIT OF MARKER NUMBER
		DR-LIT (ON T.S. F)	CROSS CONNECT TO DRO-9 (SEE NOTE 148)

*** TABLE 4C

(FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD)
OPTIONAL CROSS CONNECTIONS
CROSS CONN

DESIG	TERM. NO.	TO	OPTION	
RPB	S6,00	B3,00	Q	
RPAB	S6,01	B3,01	Q	
RPSA	S6,02	B2,40	ZQ	
RPO-4	S6,03, 04,10, 11,12	B3,30, 31,32, 33,34	ZM	

CROSS-CONNECTION WIRING:

THE COLORS OF WIRES TO BE USED FOR CROSS CONNECTIONS ARE INDICATED IN THE FOLLOWING TABLE. THE HORIZONTAL ROWS ARE NUMBERED BOTTOM UP IN ALL CASES.

FRAME	TS IDENTIFICATION	HORIZONTAL ROW	WIRE COLOR
MTC & SAMTC	C,E, & G	1ST	WHITE
		2ND	BLACK
		3RD	RED
		4TH	GREEN
MTC		5TH	BROWN
EXT.	A	6TH	WHITE
UNIT		7TH	BLACK
		8TH	RED
		9TH	GREEN
		10TH	BROWN

DRAWING ISSUE

38AR	TBD EDM JHD
39D	DB EDM AHM
43D	EM GLA AHM
45D	JB RM AHM
47AC	LW AHM
49AR	LW AHM
56D	NSC GLM AHM
58A	LEA ALO AHM
59D	LEA TMC AHM
60D	DM PDT AHM
61A	DM PDT AHM
62D	PDT
64D	TRM
68D	
70D	
71D	
73D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D29

BELL TELEPHONE LABORATORIES INCORPORATED 6S

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SD-25805-01-029

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TABLE 4A (CONT)

CROSS CONNECT

(B)	00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54	FROM SCAN REL TS TERM	
G69	C5,54	A3,22	E55	A9,02	A9,03	A3,21	C5,01	C0,32	C4,50	A5,32	A5,34	A1,54	C2,43	A3,23	A2,21	A2,22	A5,23	A1,20	A1,21	A3,20	C0,30 V14,00	B1,20 V14,01	B1,21 V14,02	C1,50 V14,04	A2,23 V14,03	C0,54	A5,00	A5,01	A3,40	C1,31	TO	SA8
LVR	TM	CKG	TCI	NE	TRN	GTL	TSE	FCK	FTCK	SNK	CK	FML	MAKI	TBK	RKI ORK	RK2	VTKI XRLI	HTKI XOST	FTKI XTOK	LFK XRTL	DTK XIM1	FAK XIN2	FBK XIN3	LCK XRA	RK3 XS	HGK XRN	RK XRE	LK	JCK	TCHK	T.R.PCH & LEAD DESIG	F / R	
G68	A4,04 E327	A5,03 E324	C3,40 E322	B1,22 E321	A1,32 E323	A9,42	C1,51	A5,02 V8,40	A4,00 V6,50	A0,32 V3,53 E320	C1,32 V6,51	A0,33 V3,13	C4,51 V8,44	A4,10 V3,11	B6,03 V6,52	A4,02 V3,04	C5,04 V3,03	C5,03 E302	A4,03 E387	C5,42 V3,02	C7,33 V3,14	C7,34 E396	A11,51 E389	A4,12 E395	A5,22 V3,20	B7,04 V6,44	A4,13 V3,21	A4,14 V6,43	E2,33 B9,54 V6,42	C1,33 V6,41	TO	SA7
LVS	TK RN	RL MO	HTR MG	HMS1 SPA	LTR LXPA SKP	JXPA	SL	CHE JXP1 SP	LXP1 X	GLH XST XPL	CON XRST	GT2 XRL	DCT XTS XIC	RSC XICK	AVK1 XNL	DCT1 XOS XP	DCT3 XRB	LK1 XTL	DCT2 XTC	DIS1 XU	OSE XTKK	OSK XTP XP1	TSR TA XT1	OST2 XU1	RMT2 XCK	RNK XOF	SLK1 XRD X2P	SLK2 XVF	TIR XET	CGT XVG	T.R.PCH & LEAD DESIG	F / R	
A7,24	A7,02 V2,53	A7,01 V8,42	A7,04 V2,30	A7,03 E2,41	A6,10	E2,42	A7,00 E2,43	A6,30	E2,34 B9,50	E2,52 E111 E339	A6,33 W1,53	A7,34 W1,51	A6,22 W1,11	A6,23 E398	A7,23 V3,41	A6,24 W1,31	A7,13 E394	A7,20 W1,33	A6,30 W1,23	A7,14 W1,24	A6,21 E399	A7,44 E324 V3,10	A7,33 E321 V3,12	A7,12 E313	A6,52 E312	A6,53 E316	C0,14 E319	C2,42 E328	B6,01 E314	C4,53 E325	TO	SA6
CO'-CT'O	XCL TEA	XCR TGR	XDL OPI	XMB XHGI	XCP	XL	XTV XI PRE	XT5 BA	RIK P	AOT DTK	XTBI PTI	XTGI DTN	XJC PT	XJG PAK	XJS CK	XLR PI	XTS LC	XLC DS	XLV RD	WAI TNR TBL	XF PTS	XSL EOL TRL	XTS1 OOL TNK	XPT HDK BSP	XRS RL ASP	XRS1 RLI DA	XFT RL2 HR	TRL SC	BT MET SY	MRL DCT NS	T.R.PCH & LEAD DESIG	F / R	
A7,40	A7,22 E305	A7,21 V2,10	A6,14 V6,32	A6,34 V3,52	A4,11 V3,53	A6,50 V6,31	E2,44 B9,53 V7,11	A6,00 V7,12	E2,32 V8,43	A6,51 V2,40	A6,31 V3,31	A6,32 V2,54	A7,31 V2,52	A7,32 E2,54 V2,51	A6,02 V3,40	A6,03 E2,55 E112 V2,50	A7,10 V2,42	A7,11 V2,44	A7,43 V2,43	E,53 E2,51 V8,50	E,54 E2,50		A6,43	A6,42	A7,42 E255	A6,44 V6,53	B1,34 V6,54	A7,30 V3,33	E,52 E2,40 V3,34	A6,20 V3,32	TO	SA5
1	XHG TM	XLG CKG GC	XCS CK7	XLS CK1	XLH CK2	XL0 CK4	LRT FABC	XFUT FACK	RYK DNK	XSS SX1 RK	XS IC	XSA XHM TOK	XN MRST CI4	XFG DII LCB CI3	XP0 MRRL CIFA	XPTN DATI PTKL CI2	XT IRY	XCLC CII	XCKR P5	XTC LRD RLR	XTCI LII		XTRL	XBT	XRL ITTR	XMRL OF	XAN TBT	XCH EXT	XVGA XHGA RB	XVGB XCW BY	T.R.PCH & LEAD DESIG	F / R	
A7,41	C0,50 E165 V11,14	C0,51 E166 V11,20	C0,52 E167 V11,21	C0,53 E168 V11,22	B8,01 E169 V11,23	B8,02 V11,24	C0,40 V11,30	C0,41 V11,31	C0,42 V11,32	C0,43 V11,33	C0,44	C1,40	C1,41	C1, 2	C1,43 V7,13	C1;44 V7,14	C0,00	C0,01 E388	C0,02 E393	C0,03 E397	C0,04 E392	C1,00	C1,01 E310	C1,02 E311	C1,03 E315	C1,04 E317	C0,10 E326	C0,11 E300	E0,44 E329	A9,41 E318	TO	SA4
2	FTTO RTEO CCO	1	2	3/4 3	4 4	FTT5 CC5	FUTO CC6	1 7	2 8	3/4 CC9	4/7	5	6	7	8 TPT 4WT	FUT9 RPT 4WL	VGTO	1 TV	2 IPA	3 OTO	4 HRI	5	6 ME A	7 MTTR B	8 TST D	9 RTRS E	10 3ANT SP	V6T11 3AM RT	XLF RTST TEW	XSC MTFT ET	T.R.PCH & LEAD DESIG	F / R	
A7,53	C0,20 V11,43	C0,21 V11,44	C0,22 V12,54	C0,23 V10,53	C0,24 V13,13	C1,20 V13,12	C1,21 V10,43	C1,22 V10,44	C1,23 V12,52	C1,24 V12,43	C1,10 V12,44	C1,11 V12,50	C1,12 V11,34	C1,13 V14,10	C1,14 E230	C4,31 E232	C4,32 E233	C4,33 E234	C4,34 E287	C5,30 E200	C5,31 E229	C5,32 E223	C5,33 E231	C5,34 E220	C4,40 E221	C4,41 E222	C4,42 E209	C4,43 E228	C4,44 E208	C5,40	TO	SA3
4	HGTO AC	1 7DG	2 RGK	3 G	4 T5L	5 T4L	6 OIK	7 NMK	8 PRLK	HGT9 P2L	VFTO P4L	1 P5L	2 BIRA	3 IE	VFT4 ROP	RCT1 PRL	2 2L	3 4L	4 CK	5 ABX	6 VTC	7 TC	8 ROP1	9 RSG1	10 RSG2	11 RSG3	12 OTK	13 TTK	14 MBK	RCT15	T.R.PCH & LEAD DESIG	F / R	
A7,54	C2,00 E270	C2,01 E271	C2,02 E272	C2,03 E273	C2,04 E274	C3,00 E275	C3,01 E276	C3,02 E277	C3,03 E278	C3,04 E279	C2,10 E280	C2,11 E281	C2,12 E282	C2,13 E283	C2,14 E284	C3,10 E285	C3,11 E286	C3,12 E287	C3,13 E288	C3,14 E289	C2,20 E290	C2,21 E291	C2,22 E292	C2,23 E293	C2,24 E294	C3,20 E295	C3,21 E296	C3,22 E297	C3,23 E298	C3,24 E299	TO	SA2
CO'-CT'7	CS O TLR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	CS 29 TLR	T.R.PCH & LEAD DESIG	F / R	
D0,20	A4,30 *	A4,31 *	A4,32 *	A4,33	A4,34	A5,30	A4,40	A4,41	A4,42	A4,43	A4,44	A5,40	A5,41	A5,42	A5,43	A5,44	A4,50	A4,51	A4,52	A4,53	A4,54	A5,50	A5,51	A5,52	A5,53	A5,54	E0,10	E0,11	E0,12 RT59	E0,13 RT58	TO	SA1
T86	T80 AIODT 0	1 AIODT 1	2 AIODT 2	3	4	T85	TGO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	TG19	51 TBSO TTGO	52 I TTGI	2 TLR31	TBS3 TLR30	T.R.PCH & LEAD DESIG	F / R	
D0,21	B0,40 E180	B0,41 E181	B0,42 E182	B0,43 E183	B0,44 E184	B1,40 E185	B1,41 E186	B1,42 E187	B1,43 E188	B1,44 E189	B0,50 E190	B0,51 E191	B0,52 E192	B0,53 E193	B0,54 E194	B1,50 E195	B1,51 E196	B1,52 E197	B1,53 E198	B1,54 E199	B8,03 E258	B8,04 E259	B8,10	B8,11	B8,12	B8,13	B8,14	B8,20	B8,21	B8,22	TO	SA0
T87	FS O G-CP	1	2	3	4	5	6	7 CP7	8	9	10	11	12	13	14	15	16	7	18	FS 19 G	FS20 GA	21 GB	22	23	24	25	26	27	28	FS29	T.R.PCH & LEAD DESIG	F / R	
BWX3	BW90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	BW119	LEAD DESIG TO TROUBLE RCDR	

⊗SEE TABLE 4F

* WITH NG OPTION, CROSS-CONN TO ONLY THOSE PUNCHINGS (E270-299) TERMINATING A TLR-LEAD FROM AN AIOD TRANSLATOR.

DRAWING ISSUE
98 REDM AHD
99D DB EDM AHD
43D EW LW AHD
45D JB DEV AHD
48D PBC LV AND PUP LV AND TBM LW AND
49AF
53AR
620 NF
700
730

DRAWING REFURBISHED WITHOUT CHANGE 6-29-77 GDA

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D30

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

PRINTED IN U.S.A.

REPRODUCTIONS

TABLE 4A (CONT)

CROSS CONNECT

FROM SCAN RELAY TS TERM.			00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54	(A)
R8	TO		B4,30 V1,00	B4,31 V1,01	B4,32 V1,02	B4,33 V1,03	B4,34 V1,04	B5,30 V1,10	B5,31 V1,11	B5,32 V1,12	B5,33 V1,13	B5,34 V1,14	B4,40 V1,20	B4,41 V1,21	B4,42 V1,22	B4,43 V1,23	B4,44 V1,24	B5,40 V2,00	B5,41 V2,01	B5,42 V2,02	B5,43 V2,03	B5,44 V2,04	B4,50 V7,00	B4,51 V7,01	B4,52 V7,02	B4,53 V7,03	B5,54 V7,04	B5,50 D0,5% V7,10	B3,30	B3,31	B3,32	B3,33	E116
	T.R.PCH & LEAD DESIG	F	GO	1	2	4	G7	HO	1	2	4	H7	JG	1	2	4	J7	KO	1	2	4	K7	LO	1	2	4	L7	N7 M7	CRUO MO	CRUI 1	CRU2 2	CRU4 M4	LOLD
		R																															
R7	TO		A10,30 V10,30	A10,31 V10,31	A10,32 V10,32	A10,33 V10,33	A10,34 V10,34	A11,30 V10,20	A11,31 V10,21	A11,32 V10,22	A11,33 V10,23	A11,34 V10,24	A10,40 V10,10	A10,41 V10,11	A10,42 V10,12	A10,43 V10,13	A10,44 V10,14	A11,40 V10,00	A11,41 V10,01	A11,42 V10,02	A11,43 V10,03	A11,44 V10,04	A10,50 V12,00	A10,51 V12,01	A10,52 V12,02	A10,53 V12,03	A10,54 V12,04	A11,50 D1,5% V12,10	G51 V12,11	B6,20 V12,12	B6,34 V12,13	B3,34 V12,14	B9,51
	T.R.PCH & LEAD DESIG	F	G'0	1	2	4	G'7	H'0	1	2	4	H'7	J'0	1	2	4	J'7	K'0	1	2	4	K'7	L'0	1	2	4	L'7	M'7 N'7	M11	CL7	CL8	CRU7	LOLL
		R	OA-AT0				OA-AT7	OB-BT0				OB-BT7	OC-CT0				OC-CT7	OD0				OD7	OE0				OE7	OF0	OF1	2	4	OF7	
R6	TO		C6,41 V12,20	C6,42 V12,21	C6,43 V12,22	C6,44 V12,23	C7,40 M2,24	C4,10	C4,11	C4,52	C7,02	C7,03	A8,54	A11,52	B7,00	A9,04				G70	G60	G61	G62	G63	G64	A1,31	B7,10	A5,04	B7,11	C1,52	B7,12	A11,53	D0,14
	T.R.PCH & LEAD DESIG	F	GS1	2	3	4	GS5	FAA	FAB	AL	GPA AVG	GPB	TWT CWK	OPR	CNS	DR	2⊗	4⊗	AR7 ⊗	TTR	RTO	1	2	3	RT4	CTUK	TC	CN	TP	TP'	RP	RPK	CE'
		R	OGO	1	2	4	OG7	ALS	ALO	I	2	4	AL7	ARS	ARO	I																	
R5	TO		G,05 G,100	G,06 G,101	G,07 G,102	G,08 G,103	G,09 G,104	G,01 G,105	G,02 G,106	G,03 G,107	G,04 G,108	G,10 G,80	G,11 G,81	G,12 G,82	G,13 G,83	G,14 G,84	G,15 G,85	G,16 G,86	G,17 G,87	G,18 G,88	G,19 G,89	G,20 G,90	G,21 G,91	G,22 G,92	G,23 G,93	G,24 G,94	B9,21 2LN	C5,13 V12,40	C5,11 V12,A1	C5,14 V12,42	C5,12	B1,32 W1,54	D0,12
	T.R.PCH & LEAD DESIG	F	FRO	1	2	3	FR4	CNO	1	2	CN3	SO	1	2	3	4	5	6	7	8	9	10	11	12	13	S14		NT **ORC0 ORC0	NM **ORC1 ORC1	HF **ORC2 ORC2	NH	SPL	BRL
		R																														
R4	TO		B3,20	B3,21	B3,22	B3,23	B3,24	B6,10	B6,11	B6,12	B6,13	B6,14	B9,23	B9,24	C7 1	C7,42 V2 54	B3,10 V2,53	B3,11 V3,20	B3,12 V3,22	B3,13 V2,50	B3,14 V2,44	R4,34 V2,43	A4,01	G72	B5,50 B8,50	B5,51 B8,51	A2,25 A5,20	B9,40 V13,10	B9,41 V13,11	B9,42	C4,54	B5,55 B9,50 C5,50 V13,23	D0,03
	T.R.PCH & LEAD DESIG	F	OSGO	1	2	3	4	5	6	7	8	9	10	OSG11	SSA	SSB PO'S	OSO DTW	1 W	2 SCH	3 SNC	OS4 AC	CGC NAC	RO'	AC8	DAC	TLT RTK	RVI	ORC'0 RNT'2 SK0	1 SK1	ORC'2	NTT	AIS MPT TC	ESCK
		R																														
R3	TO		C7,32	C6,11	C6,12	C6,13	C6,14	C7,10	C7,11	C7,12	C7,13	C7,14	B9,33 V9,20 V13,03	B9,00 V11,50 V9,21	B9,34	B9,43	C7,52 VII,54 V7,20	C7,51 V7,23	C6,54 VII,51 V7,21	C7,50 V7,22	C7,54 V2,23	C7,53 G,109	C7,43	C7,44	B9,11 V11,04	B9,12 V11,10	B9,13 V11,11	B9,01 V11,42	B9,10 V13,50	B9,14 V11,13	B9,03 V11,12	B9,04 V13,52	A7,32
	T.R.PCH & LEAD DESIG	F	**RNO SP0 TTC0	1	2	3	4	5	6	7	8	**RN9 SPC9 TTC0	RNTO 00	RNT1 A0	OD' **RN1V	A0' **RN1	LH LST	RH L5D	4DG	5DG	SC	NC TVT	OBS'	NOB'	LCD0	1	LCD2	ACD	VTC	DNC	FC	WKC	PSI
		R																														
R2	TO		C6,30 V7,24	C6,31 VII,52 V7,30	C6,32 V7,31	C6,33 V7,32	C6,34 VII,53 V7,33	C7,20 V7,34	C7,21 V7,40	C7,22 V7,41	C7,23 V7,42	C7,24 V7,43	C6,20 V1,30	C6,21 V1,31	C6,22 V1,32	C6,23 V1,33	C6,24 V1,34	B2,20 V10,40	R2,21 V10,41	B2,22 V10,42	B2,23	B2,24	B2,03	B2,10	B2,11	B2,12	B2,13	B2,14	B2,02 V13,14	A1,22 V13,20	A1,23 V13,21	E108 V13,22	D2,20
	T.R.PCH & LEAD DESIG	F	CP0	1	2	4	CP7	CU'0 MB0	1	2	4	CU'7 MB7	RNO VU	1	2	4	RN7 VU	DL1 CK1 OAR0	2 1	3 OAR2	4	5 CK5	DL6	CL1	2	3	4	5 TAR0	CL6 1	CT4 2	CT7 TAR3	PBX ANC	SR1
		R																														
R1	TO		B1,10 V8,00	B1,11 V8,01	B1,12 V8,02	B1,13 V8,03	B0,10 V7,44	B0,11 V7,50	B0,12 V7,51	B0,13 V7,52	B0,14 V7,53	B0,20 V8,14	B0,21 V8,20	B0,22 V8,21	B0,23 V8,22	B0,24 V8,23	B1,14 V8,24	B0,00 V8,30	B0,01 V8,31	B0,02 V8,32	B0,03 V8,33	B0,04 V8,34	B1,00 V8,04	B1,01 V8,10	B1,02 V8,11	B1,03 V8,12	B1,04 V8,13	A1,24 V9,50	A0,30 V9,51	A0,31 V9,52	C4,12 V9,53	C4,13 V9,54	D2,21, E118
	T.R.PCH & LEAD	F	FT0	1	2	FT3	FU0 TH'0	1	2	4	FU7 TH'7	VG0 H'0	1	2	4	7 H'7	VG10	HG0 SW0T'0	1	2	4	HG7 SW7, T'7	VF0 U'0	1 1	2 2	3 4	VF4 U'7	CT0 OFF'0 CD0	1 1	CT2 2	CGA 4	CG8 OFF'7 CD7	SR2, TH'2
		R																														
R0	TO		A1,10 V9,24	A1,11 V9,25	A1,12 V9,22	A1,13	A0,10	A0,11	A0,12	A0,13	A0,14	A0,20	A0,21	A0,22	A0,23	A0,24	A1,14	A0,00	A0,01	A0,02	A0,03	A0,04	A1,00	A1,01	A1,02	A1,03	A1,04	C2,30	C2,31	C2,32	C2,33	C2,34	D2,22, E119
	T.R.PCH & LEAD DESIG	F	FT'0 SWT0 AXF0'0	I SWT1	FT'2 AXF0'2	FT'3	FU'0 SW0 TF'0	I SW1	2 SW2	4 SW4	FU'7 SWT TF'7	VG'0	1	2	4	7	VG'10	HG'0	1	2	4	HG'7	VF'0	1	2	3	VF'4	CU0	1	2	4	CU7	SR3, TH'3
		R	A20	I00	A08																												
LEAD DESIG TO TROUBLE RCDR			BW0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	BW29	BWX0

*LEADS AT0-7,BT0-7,CT0-7,AL0-7 & AR0-7 ARE NOT CROSS CONN SEE CAD 110A

**FOR LEAD DESIGNATION SEE TABLE 1A OR 1B

⊗ SEE TABLE 4F

DRAWING ISSUE

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D31

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

SD-25805-01-D31

TABLE 4A (CONT)

CROSS CONNECT

(8) 11	00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54	FROM SCAN REL TS TERM.		
D0,22	A2,00 V6,20	A2,01 V6,21	A2,02 V6,22	A2,03 V6,23	A2,04 V6,24	A3,00 V6,30	A3,01 V9,31	A3,02 V9,32	A3,03 V9,33	A3,04 V9,34	A2,10 V9,40	A2,11 V9,41	A2,12 V9,42	A2,13 G95	A2,14 G96	A3,10 G97	A3,11	A3,12	A3,13	A3,14	G,52	G,53	G,54	G,55	G,56	G,57	G,58	G,59	G66	G67	TO		RA8
TB8	TS 0 OFF,CF	1	2	3	4 CF4	5	6	7	8	TS 9 OFF	10 OFTO	11 1	12 OFT2	13 OITO	14 1	15 OIT2	16	17	18	TS19	LV2	3	4	5	6	7	8	LV9	LV0	LV1	T.R.PCH & LEAD DESIG	F R	
D0,23	G,40 V1,42	G,41 V2,23	G,42 V9,22	G,43 V3,42	G,44 V1,43	G,45 V3,24	G,46 V9,23	G,47 V3,43	G,48 V1,44	G,49 V3,30	B9,20 V9,24	E0,53 V3,44	A1,52 A1,52	A1,53	B8,24	A1,50	A1,51	B8,23	B8,54 B5,54	B8,41	B8,42	A5,12	A5,21	A4,20	A4,21	A5,14	C1,54	A1,34	A4,24	B2,01	TO		RA7
TB9	LCO RA1	1 RB1	2 HC1	3 RD1	4 RA2	5 RB2	6 RC2	7 RD2	8 RA3	LC9 RB3	FK RC3	LFK1 RD3	SF RA4	PR RB4	TTF RC4	RF RD4	EF RA5	SEF	AGCK	48	5I DLO	I ⊗	CLG 2	4 ⊗	DL7 ⊗	TCK CLK DPO	OTT 1	TTK 2	ND1 4	NDK DR7	T.R.PCH & LEAD DESIG	F R	
D0,51	A0,40	A0,41	A0,42	A0,43	A0,44	A1,40 RT30	A1,41 G76	A1,42 G77	A1,43 G78	A1,44 G79	A0,50	A0,51	A0,52	A0,53	A0,54	A3,44	A3,41	A3,42	A3,43	B8,30	A2,50	A2,51	A2,52	A2,53	A2,54	A3,50	A3,51	A3,52	A3,53	A3,54	TO		RA6
XCE	JCO TRE	1 TRSA	2 TRSB	3 IKA	4 TRA2	5 HDA	6 PKA	7 HDB	8 PKB	JC9 UN	JGO SW	1 SW1	2 RLK	3 RL1	JG4 RL2	PNR	PA CRT	PB ETM	PC SP	PE WTL	PO CLO	P1 1	P2 2	P3 4	P4 CL7	P5 CRO	P6 1	P7 2	P8 4	P9 CR7	T.R.PCH & LEAD DESIG	F R	
D0,50	B6,21 A2,40	B6,22 A2,41	A2,42	A2,43	A2,44	A2,30	A2,31	A2,32	A2,33	A2,34	A3,30	A3,31	A3,32	A3,33	A3,34	C4,20	C4,21	C4,22	C4,23	C4,24	C5,20	C5,21	C5,22	C5,23	C5,24	C5,51	C5,00	C4,14	C0,34	C1,30	TO		RA5
XBRL	THO DC LLO	THI DCC 1	TH2 TSTI 2	TH3 ACTA 4	ACTB LL7	CHO GO	1 SM	2 WSM	3 WCK	4 RSI	5 RS2	6 EOR	7	8 PSR	CH9 OCKF	RSO TPO PSF	1 CTBL	2 LCPT	3 ECT	4 TP4	5 BLO	6 1	7 2	8 4	RS9 BL7	MCS BRO	CM 1	NMR 2	STP1 4	STP2 BR7	T.R.PCH & LEAD DESIG	F R	
E2,13	G,25	G,26	G,27	G,28	E0,51 E173	E0,52 E174	E0,01	E0,00 E150	E0,02 E0,02 E151	E0,03 E152	E0,04 E153	E0,43 E154	E0,42 E155	E0,54	E0,41 E175	E2,20 E148	E2,21 E149	B8,40	B8,..	B8,32	D2,00 E156 D0,00	D2,01 E157 D0,01	D2,02 E158 D0,02	D2,03 E160 D0,13	D2,04 E161 B5,50	D2,10 E162 D0,24	D2,11 E163 D0,30	D2,12 E164 D0,31	D2,13 E171 D0,32	D2,14 E172 A11,50	TO		RA4
7T TSQ7	NGCTO TSQO TST	1 EX1	2 EX2	NGCT3 TSQ4 CHO	LPI TSA 1	LLP CH2	LDN	POTS MTRA	MRI CTI MTRB	PAN SA	RIP⊗ SB	BLT SC	DAT SD	BLDA	KM CPTO	RDR ETMO	RDS ERTO	DLT BAR	TCGA CKLS	TCGB CKRS	CDA-M0 CKLO	1 1	2 2	4 4	CDA-M7 CKL7	CDA-M'0 CKRO	1 1	2 2	4 4	CDA-M'7 CKR7	T.R.PCH & LEAD DESIG	F R	
	G73 G,30 V6,00	G74 G,31 V6,01	G75 G,32 V6,02	G,33 V6,03	G,34 V6,04	G,35 V6,10	G,36 V6,11	G,37 V6,12	G,38 V6,13	G,39 V6,14	A8,10 V5,40	A8,11 V5,41	A8,12 V5,42	A8,13 V5,43	A8,14 V5,44	A9,10 V5,50	A9,11 V5,51	A9,12 V5,52	A9,13 V5,53	A9,14 V5,54	A8,20 V5,20	A8,21 V5,21	A8,22 V5,22	A8,23 V5,23	A8,24 V5,24	A9,20 V5,30	A9,21 V5,31	A9,22 V5,32	A9,23 V5,33	A9,24 V5,34	TO		RA3
	NGCU** RT 0 TH	RT 1	2	3	4	5	6	7	8	NGCU** 9 TH	HNO	1*	2	3	4	5	6	7	8	HN9	TO	1	2	3	4	5	6	7	8	T9	T.R.PCH & LEAD DESIG	F R	
	A8,30 V5,00	A8,31 V5,01	A8,32 V5,02	A8,33 V5,03	A8,34 V5,04	A9,30 V5,10	A9,31 V5,11	A9,32 V5,12	A9,33 V5,13	A9,34 V5,14	G29	G50	B1,33	A8,42	B5,54	A8,40	A8,53	A8,52	C2,50	C3,51	C7,04	C6,10	A9,40	A8,41	A9,51	A9,53	A9,52	A9,54	A8,43	A9,01	TO		RA2
	U0	1	2	3	4	5	6	7	8	U9	OA	OB	AN	SNG GLA	NGK	NGK1 GLB	UK	HUTK	TNK	PTK	PBX1	SLCK	CKO	CKR	A	AK	SAE	EG	RNG	NR	T.R.PCH & LEAD DESIG	F R	
D2,23	A8,51	A9,44	A8,50	A9,43	A9,50	C3,43	C3,44	A7,51	A7,52	B3,02	B3,03	B3,04	C2,54	C2,51	C2,52	C2,53	A8,44	A6,54	A7,50	C4,30	C3,54	C3,50	C3,52	C3,53	A5,13	B9,44	C3,41	G,00	G,00	G,00	TO		RA1
AG1 CRS	PTN	PN	TN	EN	PBN	FNA	FNB	LIN	TIN	BN	RI	T8I	T8H	OV	BY	OFH	PUL	LCH	TCH	RSK	L1	TCK1	SRK	RCK2	RCK3	CSW	EX	PERF 0	1	PERF 2	T.R.PCH & LEAD DESIG	F R	
D2,24	G,115	G,116	G,117	G,118	G,119	G,110	G,111	G,112	G,113	G,114	G,125	G,126	G,127	G,128	G,129	G,120	G,121	G,122	G,123	G,124	G,135	G,136	G,137	G,138	G,139	G,130	G,131	G,132	G,133	G,134	TO		RA0
AG2 HMS	DTO	1	2	4	DT7	DUO	HTO	1	2	4	HTO	1	2	4	HT7	HUO	1	2	4	HU7	MTO	1	2	4	MT7	MUO	1	2	4	MU7	T.R.PCH & LEAD DESIG	F R	
BWX1	BW30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	BW59	LEAD DESIG TO TROUBLE RCDR		

**FOR LEAD DESIGNATION SEE TABLE 1A OR 1B
⊗ SEE TABLE 4F

TABLE 4F

TABLE OF "A&M ONLY" AND "MFR DISC." CROSS CONNECTING AND T.R. PUNCH DESIGNATIONS.

RATING CHANGED ON ISS	RATING	DESIG	SCAN RELAY CONTACT	CONN RELAY CONTACT	OPTION
25D	MFR DISC.	NOC	RA7,41	A5,12	VM
		CLT1	RA7,42	A4,20	
		CLT2	RA7,44	A4,21	
36D	MFR DISC.	CRRO-2	R6,24, 30,31	C6,50, 51,52	UM
39D	A&M ONLY	RIP	RA4,20	B9,22	TO
48D	MFR DISC.	XOB	SA6,10	A6,04	RD
		XTB	SA6,13	A6,12	
		XTG	SA6,14	A6,13	
		XAB	SA6,34	A7,14	
		XTRK	SA5,41	A6,41	

DRAWING ISSUE

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D32

BELL TELEPHONE LABORATORIES INCORPORATED 6S

TABLE 4D

ADDITIONAL CROSS CONNECTIONS (SHOWN IN TABLE 4A) TO BE OMITTED WHEN AN OFFICE DOES NOT HAVE AND WILL NOT ULTIMATELY HAVE AMA OR CAMA

OMIT CROSS CONNECTIONS	
FROM	TO
(R3)34	G109
~~(R5)00-13~~	G100-108
(R5)14-43	G80-94
~~(S0)01~~	E390
(S2)30,31	E202,203
(S2)40-44	E210-214
(S2)50-54	E245-249
(S3)30-34	E240-244
(S3)40-42	E204-206
(S3)50-57	E224-226
(S4)40-44	E235-239
(S4)50-54	E215-219
(S5)00	E301
(S5)30-34	E250-254
(S5)40-44	E335-339
(S5)50-54	E330-334
(S6)32,33	E201,227
(S7)32-53	E384,385,340-349
(S8)31-33	E304,380,303
(SA0)00-34	E180-199
(SA0)40,41	E258,259
(SA2)00-54	E270-299
(SA3)24	E230
(SA3)30	E232
(SA3)31	E233
(SA3)32	E234
(SA3)33	E207
(SA3)34	E200
(SA3)40	E279
(SA3)41	E223
(SA3)42	E231
(SA3)43	E220
(SA3)44	E221
(SA3)50	E222
(SA3)51	E209
(SA3)52	E228
(SA3)53	E208
(SA4)32	E388
(SA4)33	E393
(SA4)34	E397
(SA4)40	E392
(SA4)42,43	E310,311
(SA4)44	E315
(SA4)50	E317
(SA4)51	E326
(SA4)52	E300
(SA4)53	E329
(SA4)54	E318
(SA5)00	E305
(SA5)44	E255
(SA6)14	E305
(SA6)23	E255
(SA6)31	E394
(SA6)40	E399
(SA6)43	E313
(SA6)44	E312
(SA6)50	E316
(SA6)51	E319
(SA6)52	E328
(SA6)53	E314
(SA6)54	E325
(SA7)00	E327
(SA7)01	E324
(SA7)02	E322
(SA7)03	E321
(SA7)04	E323
(SA7)32	E302
(SA7)33	E387
(SA7)41	E396
(SA7)42	E389
(SA7)43	E395

(SF) TABLE 4E

CROSS CONNECTING TABLE FOR ANI WHEN LAMA OR CAMA IS NOT ALSO PROVIDED

CROSS CONNECT	
FROM	TO
(R1)00-03	(V1)31-34
(R1)04,10-13	(V3)31-34,40
(R1)14,20-23	(V1)40-44
(R1)24	(V1)50
(R1)30-34	(V4)50-54
(R1)40-44	(V4)40-44
(R3)33	(V1)53
(R3)34	G109
(R5)00	G100
(R5)10,11	G105,106
(R5)14,20-23	G80-84
(R5)24,30-33	G85-89
(R8)00-04	(V1)00-04
(R8)14	(V1)14
(RA2)00-04	(V2)00-04
(RA2)10-14	(V2)10-14
(RA3)00-04	(V3)00-04
(RA3)10-14	(V3)10-14
(RA3)20-24	(V2)40-44
(RA3)30-34	(V2)50-54
(RA3)40-44	(V2)20-24
(RA3)50-54	(V2)30-34
(RA8)00-03	(V1)20-23
(RA8)04,10	(V1)24,30
(RA8)11-14	(V1)10-13
(RA8)20-22	(V3)20-22
(S1)00-04	(V0)00-04
(S1)10-14	(V0)10-14
(S1)20-24	(V0)20-24
(S1)30-34	(V0)30-34
(S1)40-44	(V0)40-44
(S1)50-54	(V0)50-54
(S2)21	(V4)11
(S2)22	(V4)12
(S7)00	(V4)13
(S7)01	(V4)14
(S7)03	(V1)51
(S7)10	(V4)02
(S7)11	(V4)01
(S7)12	(V4)33
(S7)13	(V4)20
(S8)31	E304
(SA0)00-34	E180-199
(SA0)40,41	E258-259
(SA2)00-54	E270-299
(SA4)24	(V4)24
(SA4)30	(V4)30
(SA5)00	E305
(SA5)01	(V4)21
(SA5)03	(V4)03
(SA5)13	(V4)32
(SA6)01	(V4)31
(SA6)13	(V3)50
(SA6)22	(V3)44
(SA6)41	(V3)24
(SA6)42	(V3)30
(SA7)13	(V4)22
(SA7)21	(V4)00
(SA7)32	(V4)34
(SA7)52	(V1)52
(SA7)53	(V4)23
(SA7)54	(V3)51

TABLE 4G

CROSS CONNECTING TABLE FOR WADS LINE CONCENTRATOR NO. 2A

DESIG	CROSS CONNECT	
	FROM	TO
CP1	LC,05	R1,10
CP2	LC,06	R1,11
CP4	LC07	R1,12
CP8	LC,08	R1,13
CP16	LC,09	R1,14
DIS	LC,02	R1,02
FTO,1	LC,11,12	R4,00,01
FUO-2	LC,13-15	R4,02-04
FU4,7	LC,16,17	R4,10,11
GRPO,1	LC,18,19	R4,12,13
LTO	LC,20	R4,14
LT1,2,4,7	LC,21-24	R4,20-23
LUO,	LC,25	R4,24
LU1,2,4,7	LC,26-29	R4,30-33
NSD	LC,04	R1,04
SD	LC,03	R1,03
SR	LC,00	R1,00
TER	LC,01	R1,01
TM5	LC,10	R1,20
TTO	LC,30	R4,34
TT1,4,7	LC,31,33,34	R4,40-42
TUO,1	LC,35,36	R4,43,44
TU2,4,7	LC,37-39	R4,50-52
WC	WC	S2,23

TABLE 5

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.26 (FOR USE WITH SINGLE SIDED T.R. CARD OR FOR OFFICE HAVING AMA PRIOR TO ISSUE 20D AND CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD USED FOR TRANSVERTERS 0-5)

CONTACT NUMBERS	RELAYS						CONTACT NUMBERS
	VO	V1	V2	V3	WO		
59	RST9	RL	SW7	F7	SPL		59
58	RST8	TRS	SW4	F4	PT1		58
57	RST7	TR	SW2	F2	PA		57
56	RST6	TIC,RD3	SW1	F1	DTN		56
55	RST5	OFT	SWO	FO	P		55
54	RST4	CIFAT,RD2	VG7	J7	B'7		54
53	RST3	DTK* DTK1,RD1	VG4	J4	B'4		53
52	RST2	CK	VG2	J2	B'2		52
51	RST1	CIFA,MRRL	VG1	J1	B'1		51
50	RST0	RB	VGO	JO	B'0		50
49	U9	EXT	VF4	E7	RDL		49
48	U8	BY	VF3	E4	XT		48
47	U7	IC	VF2	E2	ICK		47
46	U6	TM2	VF1	E1	TCT		46
45	U5	TM1	VFO	EO	DTKA		45
44	U4	CI4T,RB3	VG10	H7	C'7		44
43	U3	CI3T,RB2	FT3	H4	C'4		43
42	U2	CI2T,RB1	FT2	H2	C'2		42
41	U1	CI1T,SCH	FT1	H1	C'1		41
40	UO	X2P,XRD	FTO	HO	C'0		40
39	T9	XCK,W	FU7	D7	UK		39
38	T8	XVG	FU4	D4	DS		38
37	T7	XET	FU2	D2	CMB		37
36	T6	XVF	FU1	D1	P1		36
35	T5	XOF	FUO	DO	A'2		35
34	T4	X	RN7	G7	D'7		34
33	T3	XTKK	RN4	G4	D'4		33
32	T2	XRL	RN2	G2	D'2		32
31	T1	XIC,XTS	RN1	G1	D'1		31
30	TO	XICK	RNO	GO	D'0		30
29	HN9	XNL	MB7	C7	TBL		29
28	HN8	XP,XDS	MB4	C4	RD		28
27	HN7	XRB	MB2	C2	IR		27
26	HN6	XU	MB1	C1	C		26
25	HN5	XRST	MBO	CO			25
24	HN4	RLR	CP7	B7	E'7		24
23	HN3	TET,PRE	CP4	B4	E'4		23
22	HN2	DNK	CP2	B2	E'2		22
21	HN1	TOK,POTS	CP1	B1	E'1		21
20	HNO	OF	CPO	BO	E'0		20
19	TH9	TBY	L5D	A7	4L		19
18	TH8	TGR	5DG	A4	2L		18
17	TH7	TEA,DTW	4DG	A2			17
16	TH6	CI4,MRST	LST	A1	PT		16
15	TH5	CI3,LCP	SC	AO	A'0		15
14	TH4	CI2,SNC	RPT	L7	F'7		14
13	TH3	CI1,AC	TPT	L4	F'4		13
12	TH2	P5,NAC	OBS	L2	F'2		12
11	TH1	IRY	NOB	L1	F'1		11
10	THO	TSL	2TR	LO	F'0		10
9	CKT,OARQ	RLA	1TR	M7			9
8	CK4,XS	RK	CKG	TTT			8
7	CK2,XST	MOA	EXG	OFT2			7
6	CK1	TRA	EXB	OFT1			6
5	OFF5	DIST	OFF9	OFTO			5
4	OFF4	MC	OFF8	K7			4
3	OFF3	OPT,BA	OFF7	K4			3
2	OFF2	TNO,SP	OFF6	K2			2
1	OFF1	TOP	FACK,XRE	K1			1
0	OFFO	TIK	FABC,XRN	KO			0

*MAKE CONTACT DTK ARMATURE CONTACT DTK1

TABLE 5A

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG. 153

CONTACT NUMBERS	RELAYS				CONTACT NUMBERS
	V1	V3		W1	
54		TTT		SPL	54
53		CK2,XST		PT1	53
52		CK1		PA	52
51		TRS		DTN	51
50		TR		P	50
44	RA3	TIC,RD3		RDL	44
43	RA2	CIFAT,RD2		XT	43
42	RA1	*DTK-DTK1,RD1		ICK	42
41	TM2 TM3T	CK		TCT	41
40	TM1 TM2T	CIFA, MRRL		DTKA	40
34	RN7	RB		UK	34
33	RN4	EXT		DS	33
32	RN2	BY		CMB	32
31	RN1	IC		P1	31
30	RNO	CI4T,RB3		A'2	30
24	J7	CI3T,RB2		TBL	24
23	J4	CI2T,RB1		RD	23
22	J2	CI1T,SCH		IR	22
21	J1	X2P,XRD		C	21
20	JO	XCK,W			20
14	H7	XTKK			14
13	H4	XRL			13
12	H2	TNK			12
11	H1	XICK		PT	11
10	HO	TRL		A'0	10
04	G7	XP,XDS			04
03	G4	XRB			03
02	G2	XU			02
01	G1				01
00	GO	TET,PRE			00

CONTACT NUMBERS	RELAYS				CONTACT NUMBERS
	VO	V2	V4	WO	
54	F7	TOK,POTS		B'7	54
53	F4	TEA,DTW		B'4	53
52	F2	CI4,MRST		B'2	52
51	F1	CI3,LCP		B'1	51
50	FO	CI2,SNC		B'0	50
44	E7	CI1,AC		C'7	44
43	E4	P5,NAC		C'4	43
42	E2	IRY		C'2	42
41	E1	RLA		C'1	41
40	EO	RK	RNT20	C'0	40
34	D7	MOA	RST29	D'7	34
33	D4	TRA	RST28	D'4	33
32	D2	DIST	RST27	D'2	32
31	D1	MC	RST26	D'1	31
30	DO	OPT,BA	RST25	D'0	30
24	C7	TIK	RST24	E'7	24
23	C4	SC	RST23	E'4	23
22	C2	OBS	RST22	E'2	22
21	C1	NOB	RST21	E'1	21
20	CO	2TR	RST20	E'0	20
14	B7	1TR	RST9	F'7	14
13	B4	EXG	RST8	F'4	13
12	B2	EXB	RST7	F'2	12
11	B1	RL	RST6	F'1	11
10	BO	CKG GC	RST5	F'0	10
04	A7	K7	RST4		04
03	A4	K4	RST3		03
02	A2	K2	RST2		02
01	A1	K1	RST1		01
00	AO	KO	RST0		00

*CONTACT

FIXED SPRING	MOVABLE SPRING
DTK1	DTK

DRAWING ISSUE

43D	CPAC FLT AMA
52D	PLS PBX
680	

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-D33

BELL TELEPHONE LABORATORIES INCORPORATED

6S

(SY) TABLE 4H

(FOR OFFICES USING THE DOUBLE SIDED TROUBLE RECORDER CARD WITH THE 2/5 PUNCH DESIGNATION SYSTEM)
SHOWS LEAD DESIGNATIONS ON MOVABLE SPRINGS OF SCANNING RELAYS, PUNCH DESIGNATIONS ON DOUBLE SIDED TROUBLE RECORDER CARD AND CROSS CONN INFORMATION FOR SCANNING RELAYS. THE FOLLOWING CROSS CONN SHOULD BE OMITTED WHEN AN OFFICE DOES NOT HAVE AND WILL NOT ULTIMATELY BE EQUIPPED FOR AMA OR CAMA. (1) ALL CROSS CONNECTIONS BETWEEN SCANNING RELAY PUNCHINGS AND ALL (V-) AND (W-) RELAY PUNCHINGS. (2) CROSS CONNECTIONS SHOWN IN TABLE 4K, SHEET D38.
FOR CROSS CONNECTIONS FOR ANI WHEN LAMA OR CAMA IS NOT PROVIDED SEE TABLE 4L, SHEET D38 . FOR CROSS CONNECTIONS FOR WADS LINE CONCENTRATOR SEE TABLE 4J. FOR CROSS CONNECTION FOR ELECTRONIC ROUTE TRANSLATION WHEN LAMA OR CAMA IS NOT PROVIDED SEE TABLE 4N, SHEET D38.

CROSS CONNECT

FROM SCAN RELAY TS TERM.			00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54	A 2
S3	TO		E01	B6,02	E99	E94	A2,20	E99	C5,41	E97	E95	E96	E92 E59	E91 E304	E93 E380	E90 E303	E127	Δ	Δ	E170					Δ	Δ	E173 Δ	E174 Δ	E175 Δ	E176 Δ	E177 Δ	E381	E373
	T.R PCH & LEAD DESIG	F	TI	TST	ROTL MTPT	ATKT	SRT DRT	TKT	M	ACDO MLV TLV	LVF TST	LVM	MOR PRT	MIR TV	MOS SSTI REC	LIT TMG	ARET MTR	MKR- CM MTRS	MKR- DTM						TURN OVER READ	READ TURN OVER	DRD	1	2	4	CR7	DATO DR-E4D	DRTI
S7	TO		C3,33 E60 V2,14	C3,34 E61 V2,20	C4,02 V1,40	C4,03 V1,41	C4,04 V10,50	C2,40 E63 V3,51	A5,24 V3,50	A0,34 V13,44	B1,24 V2,11	E2,44 V13,02	B1,23	A1,30	A2,24	A7,32 V11,03	V11,01	V13,01	A9,01 V10,52	A9,02	A9,03	A9,04	A11,54	B9,30 E128	E394	A9,00 E395	C1,34 Δ	C5,02 Δ	A4,22 Δ	A4,23 Δ	C6,40 Δ	E2,51 E393	E2,50
	T.R PCH & LEAD DESIG	F R	* ITR	* 2TR	WT TRI T42T	SGT TR2 T43T	LDT NAF	TRS	TGT IRT TR	FCG TRIT	LR RL	LRI RLI	DCK CWF	GTS	SQA	PSI LOI	NLOI	REI	ITR NA31	SOG	TER	TOG	RV	CA44 DRT2 **DRAT2	RSW *DRTO **DRATO	ROA *DRTI **DRATI	FLG PRR DRAD	SCG 1	NSO 2	NS1 4	SGN DR37	LIO DRA-E4G	LTI
S6	TO		E146 V6,34	E145 V6,40	E147 V3,54	E140 V13,33	E141 V13,34	E142 V13,40	E143 V3,41	E144	A1,33	A5,31	A5,33	C2,44	C6,53	B9,33 V11,02	WB11 V11,00	WB01 V13,00	C6,51 V10,51	C6,52 E201	B9,34 E227	E2,54 V11,40	E2,53 V11,41	E2,52	G65						E53	E56 C3,30	E57 C3,31
	T.R PCH & LEAD DESIG	F R	***RPB 2W	***RPAB 4W	***RPSA TTT	***RPO RA0 T1A0	***RP1 RA1 T1A1	***RP2 RA2 T1A2	***RP3 RA3 T1A3	***RP4 RA4	LB	FM	RCY	RA	PRCY RR	ALN SNR L00	RWL IFK NL00	LWL SQI RE0	TRF NA80	ATT DRC 8BFC	DTF TS	DTI BIO	DATI BII	ADT	PDX			WDTF	WDTI	WAT		ALF	D	MF
S5	TO		E130	E121	E132			E101	E103	E105	E106		B7,30	B7,31	B7,32	B7,33	B7,34	B7,40 E250	B7,41 E251	B7,42 E252	B7,43 E253	B7,44 E254	B7,50 E335	B7,51 E336	B7,52 E337	B7,53 E338	B7,54 E339	B1,30 E330	B1,31 E331	B8,00 E332	C6,04 E333	C7,00 E334	
	T.R PCH & LEAD DESIG	F R	FR3	1	FR2	FR4	FR7	CN0	1	2	CN3		HT0	1	2	4	HT7	TT0 MBI0	1	2	4	TT7 MBI7	UT0 T0	1	2	4	UT7 T7	FC0 U0	1	FC2 2	ECN 4	JCN U7	
S4	TO		Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	B5,51 E301	B5,52 E117	B5,53	B7,03	B7,01	B7,02	C7,01	E50	E51	G72	A5,20			E235	E236	E237	E238	E239	E110 E215	B0,30 E216	B0,31 E217	B0,32 E218	B0,33 E219	B0,34
	T.R PCH & LEAD DESIG	F R	CN-RG/T 0 RST-RG/T0	1 RST-RG/T1	CN-RG/T 2 RST/T2	CN-RG/U 0 RST-RG/U0	1	2	4	CN-RG/U 7 RST-RG/U7	PS RST-EMG	PD TOK CMK	PK	CR	SCN	SCK	CNR	MAN TCA	2P TCB	AC9	RV1	TAN0	1 TRT0	2 1	3 2	4 4	TAN5 TRT7	2W TRU0	TF0 1	1 2	2 4	4 TRU7	TF7
S3	TO		B7,22 E84	B7,24	B3,50	B7,23	B7,20	B7,21 E62	B7,13	B7,14	B3,40	B3,44	C6,03	B2,44	B3,53	B3,52	B3,51	B3,42 E240	B3,43 E241	B3,44 E242	B9,31 E243	B9,32 E244	B6,24 E204	B6,23 E205	B2,41 E206		B3,54	E139 E224	E225	E226			
	T.R PCH & LEAD DESIG	F R	SDG LT	TT	20T	FV0	X11	11	0A	0B	PHC	THC	0R	FAC	INC	TAN	TOL	PCR RG0	PCD 1	PCD1 2	CAMF 4	CAMS RG7	LT1 AT0	LT2 1	LT3 AT2		TO	4W EC0	PK1 1	EC2			
S2	TO		D0,40 E90	D0,41 E178 E91	D0,42 E179 E92	D0,43 E93	D0,44 E99	D0,33 E95	D0,34 E96	A7,24 E39	A7,40 E97	A7,41 E64	A7,53	A7,54	E107	E108	E125	B6,40 E202	B6,41 E203	B6,42 E210	B6,43 E211	B6,44 E212	B6,50 E213	B6,51 E214	B6,52 G95	B6,53 G96	B6,54 G97	B2,30 E245	B2,31 E246	B2,32 E247	B2,33 E248	B2,34 E249	
	T.R PCH & LEAD DESIG	F R	CD0 CM3	1 CMA	2 CMB	4 CMC	7 SD	10 PCK	CD15 PRL	CD'-CT' 0 RLK	1 PTR	2 XX	4 NTB	7 CIK	10 RK	CD'-CT' 15 ASK	TRMF	AR-HT' ** 0 ORT0	1 ORT1	2 ORJ0	4 1	AR-HT' ** 7 2	BR-TT' ** 0 4	1 ORU7	2 OITO	4 1	BR-TT' ** 7 OIT2	CR-UT' ** 0 OIN0	1	2	4	CR-UT' ** 7 OIN7	
S1	TO		B4,00 E65 V0,00	B4,01 E66 V0,01	B4,02 E67 B0,02	B4,03 E68 V0,03	B4,04 E69 V0,04	B5,00 E70 V0,10	B5,01 E71 V0,11	B5,02 E72 V0,12	B5,03 E73 V0,13	B5,04 E74 V0,14	B4,10 E75 V0,20	B4,11 E76 V0,21	B4,12 E77 V0,22	B4,13 E78 V0,23	B4,14 E79 V0,24	B5,10 V0,30	B5,11 V0,31	B5,12 V0,32	B5,13 V0,33	B5,14 V0,34	B4,20 V0,40	B4,21 V0,41	B4,22 V0,42	B4,23 V0,43	B4,24 V0,44	B5,20 V0,50	B5,21 V0,51	B5,22 V0,52	B5,23 V0,53	B5,24 V0,54	
	T.R PCH & LEAD DESIG	F R	A0	1	2	4	A7	B0	1	2	4	B7	C0	1	2	4	C7	D0	1	2	4	D7	E0	1	2	4	E7	F0	1	2	4	F7	
S0	TO		A10,00 W1,10	A10,01 E390	A10,02 W1,30	A10,03	A10,04	A11,00 W0,50	A11,01 W0,51	A11,02 W0,52	A11,03 W0,53	A11,04 W0,54	A10,10 W0,40	A10,11 W0,41	A10,12 W0,42	A10,13 W0,43	A10,14 W0,44	A11,10 W0,30	A11,11 W0,31	A11,12 W0,32	A11,13 W0,33	A11,14 W0,34	A10,20 W0,20	A10,21 W0,21	A10,22 W0,22	A10,23 W0,23	A10,24 W0,24	A11,20 W0,10	A11,21 W0,11	A11,22 W0,12	A11,23 W0,13	A11,24 W0,14	D0,54
	T.R PCH & LEAD DESIG	F R	A'0	1	2	4	A'7	B'0	1	2	4	B'7	C'0	1	2	4	C7	D'0	1	2	4	D'7	E'0	1	2	4	E'7	F'0	1	2	4	F'7	N7
LEAD DESIG TO TROUBLE RECORDER			BW60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	90	91	92	93	84	85	96	97	98	BW99	BWX2

Δ THESE PUNCHES ARE NOT CROSS CONNECTED, SEE TABLE 4P, IE AND CADS.

* SEE TABLE 4B.

** SEE TABLE IE FOR LEAD DESIGNATIONS.

*** FOR ADDITIONAL CROSS CONNECTING INFORMATION FOR OFFICES CONVERTED FOR USE WITH DOUBLE SIDED T.R. CARD, SEE TABLE 4C.

F — FRONT OF CARD (DESIG OF PUNCHES FOR MARKER, MONITOR, LINE INS TEST CKT)

F / R — DESIG CENTERED APPEARS IN SAME LOCATION ON BOTH FRONT AND REAR OF CARD.

R — REAR OF CARD (AMA,CAMA,PRETRANSLATOR)

DRAWING ISSUE

62D	NF
66D	MC
68D	
70D	
71D	
73D	
75D	

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-D34

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-25805-01-D34

CROSS CONNECT

FROM SCAN RELAY TS TERM.			00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54	Δ 10
R8	TO		B4,30 V1,00	B4,31 V1,01	B4,32 V1,02	B4,33 V1,03	B4,34 V1,04	B5,30 V1,10	B5,31 V1,11	B5,32 V1,12	B5,33 V1,13	B5,34 V1,14	B4,40 V1,20	B4,41 V1,21	B4,42 V1,22	B4,43 V1,23	B4,44 V1,24	B5,40 V2,00	B5,41 V2,01	B5,42 V2,02	B5,43 V2,03	B5,44 V2,04	B4,50 V7,00	B4,51 V7,01	B4,52 V7,02	B4,53 V7,03	B4,54 V7,04	D0,00	O1	O2	D0,13	B5,50 V7,10	D1,54
	TR. PCH & LEAD DESIG	F	G0	1	2	4	G7	H0	1	2	4	H7	J0	1	2	4	J7	K0	1	2	4	K7	L0	1	2	4	L7	M0	1	2	4	M7	N'7
		R																															
R7	TO		A10,30 E374 V10,30	A10,31 E375 V10,31	A10,32 E376 V10,32	A10,33 E377 V10,33	A10,34 E378 V10,34	A11,30 E265 V10,20	A11,31 E266 V10,21	A11,32 E267 V10,22	A11,33 E268 V10,23	A11,34 E269 V10,24	A10,40 * V10,10	A10,41 * V10,11	A10,42 * V10,12	A10,43 * V10,13	A10,44 * V10,14	A11,40 * V10,00	A11,41 V10,01	A11,42 V10,02	A11,43 V10,03	A11,44 V10,04	A10,50 V12,00	A10,51 V12,01	A10,52 V12,02	A10,53 V12,03	A10,54 V12,04	D0,24 V12,10	30 V12,11	31 V12,12	32 V12,13	A11,50 V12,14	G51
	TR. PCH & LEAD DESIG	F	G¹0 0A-AT0	1	2	4	G¹7 0A-AT7	H¹0 0B-BT0	1	2	4	H¹7 0B-BT7	J¹0 0C-CT0	1	2	4	J¹7 0C-CT7	K¹0 0D0	1	2	4	K¹7 0D7	L¹0 0E0	1	2	4	L¹7 0E7	M¹0 0F0	1	2	4	M¹7 0F7	M11
		R																															
R6	TO		C6,41 V12,20	C6,42 V12,21	C6,43 V12,22	C4,44 V12,23	C7,40 V12,24	C4,10	C4,11 *	C4,52 *	C7,02 *	C7,03 *	A8,54 *	A11,52	B7,00 *	A9,04 *	*	*	*	*	G70	G60	G61	G62	G63	G64	C0,12	C0,13	C4,00 V9,43	C4,01 V9,44	C7,30 V2,22	C7,31 V2,21	⊞	
	TR. PCH & LEAD DESIG	F	GS1 0G0	2 1	3 2	4 4	GS5 0G7	FAA ALS	FAB ALO	AL 1	GPA AVG 2	GPB 4	TWT CWK AL7	OPR ARS	CNS ARO	DR 1	NW ⊗ 2	NWT ⊗ 4	⊗ AR7	TTR	RTO	1	2	3	RT4	TH'0	TH'1	TOBS OBS1 NSP	TOB OBS2 SPC	OBS	NOB	WC	
		R																															
R5	TO							G,01	G,02	G,03	G,04	Δ	Δ	Δ	Δ	Δ	Δ	Δ							D2,20	D2,21 EII8	D2,22 EII9	D2,23	D2,24	D2,30	D2,31	D2,32 V13,23	D2,33
	TR. PCH & LEAD DESIG	F	FR0	1	2	3	FR4	CN0	1	2	CN3	S/T0	S/T1	S/U0	1	2	4	S/U7							SR1	SR2 TH'2	SR3 TH'3	AG1	2	3	4	S CRS TC	AG6 HMS
		R																															
R4	TO		Δ *	Δ	Δ	Δ V2,54	Δ V2,53	Δ V3,20	Δ V3,22	C7,41 V2,50	C7,42 V2,44	A4,01 V2,43	C7,52 VII,54 V7,20	C7,51 V7,23	C6, * VII,5: V7,21	C7,50 V7, 22	C7,54 V7,23	C5,53 G109	C7,43	C7,44	B2,04	B9,51	T2,02 V13, 11	B9,10 V13,50	B9,14 V11,13	B9,03 V11,12	B9,04 V13,32	C5,12	B1,52 W1,54	C5,13 V12,40	C5,11 V12,41	C5,14 V12,42	
	TR. PCH & LEAD DESIG	F	OSG/10	OSG/11	OSG/U0	1 POTS	2 DTW	4 W	OSG/17 SCH	SSA SNC	SSB AC	RO¹ NAC	LH LST LST	RH LSD L5D	4DG	5DG	SC	NC TVT TVT	OBS¹	NOB¹	AAA	LOLL	LOLD SK1	VTC	DNC	FC	WKC	AID NH	NID SPL SPL	NT ORCO ORCO	NN 1 1	AF ORC2 ORC2	
		R																															
R3	TO		Δ	Δ	Δ	Δ	Δ	B3,10	B3,11	B3,12	B3,13	B3,14	B9,33 V9,20 V13,03	B9,00 V11,50 V9,21	B9,34	B9,43	A5,10 V4, 40	F0,34	F0,40	F0,41	F0,42	F0,43	F0,20	F0,21 V13,10	B9,11 V11,04	B9,12 V11,10	B9,13 V11,11	B9,01 V11,42	C4,54	C5,50	B9,40	B9,41	B9,42	
	TR. PCH & LEAD DESIG	F	RN0 SPC0 ITC0	1	2	4	RN7 SPC7 ITC7	CSG	1	2	3	OS4	RNT0 OD	RNT1 AD	** OD¹ RNT0	** AD¹ RNT1	RNT20 RNT2							SK0	LCD0 LCD0	1	LCD2 LCD2	ACD ACD	NTT	APT	ORC¹0 RNT¹2	1	ORC¹2	
		R																															
R2	TO		C6,30 V7,24	C6,31 VII,52 V7,30	C6,32 V7,31	C6,33 V7,32	C6,34 VII,53 V7,33	C7,20 V7,34	C7,21 V7,40	C7,22 V7,41	C7,23 V7,42	C7,24 V7,43	C6,20 V1,30	C6,21 V1,31	C6,22 V1,32	C6,23 V1,33	C6,24 V1,34	B2,20	B2,21	B2,22	B2,23	B2,24	B2,03	B2,10	B2,11 V10,40	B2,12 V10,41	B2,13 V10,42	B2,14 V13,14	B2,02 V13,20	B6,20 V13,21	B6,34 V13,22	B3,01	B3,00
	TR. PCH & LEAD DESIG	F	CP0 CP0	1	2	4	CP7 CP7	HB0 MB0	1	2	4	HB7 MB7	VU0 RN0 RN0	1	2	4	VU7 RN7 RN7	CL¹ CK1	2	3	4	5 CK5	DL6	CL1	2 OAR0	3 1	4 OAR2	5 TAR0	6 1	7 2	CL8 TAR3	SPC ANC	NSP
		R																															
R1	TO		B1,10 V8,00	B1,11 V8,01	B1,12 V8,02	B1,13 V8,03	B0,10 V7,44	B0,11 V7,50	B0,12 V7,51	B0,13 V7,52	B0,14 V7,53	B0,20 V8,14	B0,21 V8,20	B0,22 V8,21	B0,23 V8,22	B0,24 V8,23	B1,14 V8,24	B0,00 V8,30	B0,01 V8,31	B0,02 V8,32	B0,03 V8,33	B0,04 V8,34	B1,00 V5,04	B1,01 V8,10	B1,02 V8,11	B1,03 V8,12	B1,04 V8,13	D2,00 V9,50	D2,01 V9,51	D2,02 V9,52	D2,03 V9,53	D2,04 V9,54	
	TR. PCH & LEAD DESIG	F	FT0	1	2	FT3	FU0 FU-TH' 0	1	2	4	FU7 FU-TH' 7	VG0 VG-H' 0	1	2	4	VG7 VG-H' 7	VG10	HG0 SW-T' 0	1	2	4	HG7 SW-T' 7	VF0 VF-U' 0	1	2	3 4	VF4 VF-U' 4,7	CDA0 OFF'-CD 0	1	2	4	CDA7 OFF'-CD 7	
		R																															
R0	TO		A1,10	A1,11	A1,12	A1,13	A0,10	A0,11	A0,12	A0,13	A0,14	A0,20	A0,21	A0,22	A0,23	A0,24	A1,14	A0,00	A0,01	A0,02	A0,03	A0,04	A1,00	A1,01	A1,02	A1,03	A1,04	D2,10	D2,11	D2,12	D2,13	D2,14	
	TR. PCH & LEAD DESIG	F	FT' SWT0 XX0 NC0	1 SWT1 100	FT' XX2 AG0	FT' 3	FU' SW0 XX0	1	2	4	FU' SW7 XX7	VG'0	1	2	4	7	VG'10	HG'0	1	2	4	HG'7	VF'0	1	2	3 4	VF'4	CDA'0	1	2	4	CDA'7	
		R																															
LEAD DESIG TO TROUBLE RECORDER			BW 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	BW 29	BW XO

* THESE PUNCHINGS ARE NOT CROSS CONNECTED. SEE CAD 110B.

** FOR LEAD DESIGNATION SEE TABLE 1E

⊗ SEE TABLE 4I

⊞ SEE TABLE 4J

Δ THESE PUNCHINGS ARE NOT CROSS CONNECTED. SEE TABLE 1E AND CADS.

DRAWING ISSUE	
52D	JGS PER APP
56D	TJO CW AND LEA APP AND
58A	LEA APP AND
59D	LEA APP AND
62D	PDT
64D	CH FMG
66D	
68D	
70D	
71D	
73D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) | SD-25805-01-D35

BELL TELEPHONE LABORATORIES INCORPORATED | SIZE 6S

CROSS CONNECT

FROM SCAN RELAY TS TERM.		B 3	00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54
SA8	TO						C5,54	A3,22	E55	A9,02	A9,03	A3,21	C5,01	C0,32	C4,50	A5,32	A5,34	A1,54	C2,43	A3,23	A2,21	A2,22	A5,23	A1,20	A1,21	A3,20	B9,20	E0,53	C0,30	B1,20	B1,21	C1,50
	TR. PCH & LEAD DESIG F						TM	CKG	TC1	NE	TRM	GTL	TSE	FCK	FTCK	SNK	CK	FML	MAK1	TBK	RK1 ORK	RK2	VTK1	HTK1	FTK1	LFK	FK	LFK1	DTK	FAK	FBK	LCK
	R																															
SA7	TO		A2,23	C0,54	A5,00	A5,01	A3,40	C1,31	A4,04	A5,03	C3,40	B1,22	A1,32	A9,42	C1,51	A5,02	A4,00	A0,32	C1,32	A0,33	C4,51	A4,10	B6,03	A4,02	C5,04	C5,03	A4,03	C5,42	C7,33	C7,34	A11,51	A4,12	A5,22
	TR. PCH & LEAD DESIG F		RK3	HGK	RK	LK	JCK	TCHK	TK	RL	HTR	HMS1	LTR LXPA	JXPA	SL	CHE JXP1	LXP1	GLH	CON	GT2	DCT	RSC	AVK1	DCT1	DCT3	LK1	DCT2	DIS1	OSE XRN	OSK XRE	TSR TA	OST2	RMT2
	R																															
SA6	TO		B7,04	A4,13 E327	A4,14 E324	E2,34 E322	D0,14 E321	E323	WB03	WB13	V6,50	E320	V6,51	V3,13	V8,44	V3,11	V6,52	V3,04	V3,03	E302	E387	V3,02	V3,14	E396	E389	E395	E2,33	C2,42	B6,01	D0,12	C4,53	C1,33
	TR. PCH & LEAD DESIG F		RNK	SLK1 RN	SLK2 MO	RIK MG	CE[1] SPA	MMK TTGO SKP	WCV TTG1	WFCK	WLFK SP	WHS1 X	LXWA XST XPL	JXWA XRST	LXW1 XRL	JXW1 XTS XIC	WCK XICK	WCN XNL	CWCN XDS XP	RSMK XRB	RUK1 XTL	TSK XTC	WDC1 XU	WTK XTKK	WTFK XP1	WSL XT1	RDCK XRTL XU1	V3,20 TIR XCK	V6,44 TRL XQF	V3,21 BT XRD X2P	V6,43 BRL XVF	V6,42 ARL XET	V6,41 CST XVG
	R																															
SA5	TO			A7,02 V2,53	A7,01 V8,42	A7,04 V2,30	A7,03	A6,10	A6,42	A6,40	A6,33	A7,34 W1,50	A6,23 E391	A7,23 W1,53	A6,24 W1,51	A7,13 W1,11	A7,20 E398	A6,30 V3,41	A6,21 W1,31	A7,44 E394	A7,33 W1,33	A7,12 W1,23	A6,52 W1,24	A6,53 E399	C0,14 E324 V3,10	A7,22 E321 V3,12	A7,21 E313	A6,14 E312	A6,34 E316	A4,11 E319	A6,50 E328	A6,00 E314	A6,51 E325
	TR. PCH & LEAD DESIG F	MXT	XPG XCL TEA	XCR TGR	XJC XDL OPI	XMB	XCP	XBT XTV	XT5 PRE	XTB1 BA	XTG1 P	XJG DTK	XJS PT1	XCLC XLR DTN	XTS PT	XLC PAK	XLV CK	XF P1	XSL LC	XTS1 DS	XRL XPT RD	XRS TNR TBL	XRS1 PTS	XFT EOL TRL	XH6 OOL TNK	XL6 HDK BSP	XC5 RL ASP	XL5 RLI DA	XLH RL2 HR	XLO TRL SC	XFUT MET SY	XSS SXT OCT NS
	R																															
SA4	TO		A6,31	A6,32 E305	A7,31 V2,10	E53 V6,32	E54 V4,03	A6,41 V3,53	A16,43 V6,31	B1,34 V7,11	A7,30 V7,12	A17,24 V8,43	A6,20 V2,40	E0,44 V3,31	A9,41 V2,56	D0,51 V2,52	D0,50 V2,51	E2,43 V3,40	E2,42 V2,50	E2,41 V2,42	E2,40 V2,44	D2,52 V2,43	V8,50		WB34	WB22		E255	V6,53	V6,54	V3,33	V3,34	V3,32
	TR. PCH & LEAD DESIG F	XS	XSA XHM TM	XN CKG	XTC CK7	XTC1 CK1	XCKR XTRK CK2	XT XTRL CK4	XMRL XAN FABC	XCH FACK	XVGA DNK	XVGB XCW RK	XLF IC	XSC TOK	XCE MRST CI4	XBRL LCP CI3	XI MRRL CIFA	XL TTKL CI2	XHG1 IRY	XHGA CIJ	XST P5	XAB RLA	XWB	BCN	LSK		IITR	OF	TBY	EXT	RB	WMXT BY
	R																															
SA3	TO		C0,50	C0,51	C0,52	C0,53	B8,01	B8,02	E165 Δ	E166 Δ	E167 Δ	E168 Δ	E169 Δ	Δ	Δ	Δ	Δ	Δ	V7,13 V7,14	Δ	Δ	Δ	Δ	Δ	Δ	C1,10 E310	C1,11 E311	C1,12 E315	C1,13 E317	C1,14 E326	E300	E329	E318
	TR. PCH & LEAD DESIG F	FTTO	1	2	3	4	FTT5	FUTO CC0	1	2	4	FUT7 CC7	VGT/T0	VGT/T1	VGT/U0	1	2 4WT TPT	4 4WL RPT	VGT/U7	HGTO TV	1 IPA	2 OTO	4 HRI	HGT7	VFTO ME A	1 MTTR B	2 TST D	3 RTRS E	VFT4 3ANT SP	RSO 3AM RT	RS1 RTST TEN	RS2 MTFT ET
	R																															
SA2	TO		Δ	Δ V11,43	Δ V11,44	Δ V12,54	Δ V10,53	Δ V13,13	Δ V13,12	Δ V10,43	Δ V10,44	Δ V12,52	Δ V12,43	Δ V12,44	Δ V12,53	Δ V11,34	Δ V14,10	C4,12 E230	C4,13 E232	G7I E233	B8,31 E234	B8,32 E207	E200	E229	E223	E231	E220	E221	E222	E209	E228	E208	
	TR. PCH & LEAD DESIG F	CS/T0	1 AC	2 DG	4 RGK	CS/T7 G	CS/U0 T5L	1 T4L	2 OIK	4 NMK	CS/U7 PRLK	RTE0 P2L	1 P4L	2 P5L	4 BIRA	RTE7 IE	CGA ROP	CGB PRL	CGC 2L	TCGA 4L	TCGB CK	WBO ABX	I VTC	WB2 TC	WBTO ROP1	I RSG1	WBT2 RSG2	WMM RSG3	JSSF OTK	TBL TTK	WGA MBK	WGB
	R																															
SA1	TO		A1,24	A0,30 V1,42	A0,31 V3,23	A1,22 V9,22	A1,23 V3,42	C2,30 V1,43	C2,31 V3,24	C2,32 V9,23	C2,33 V3,43	C2,34 V1,44	B3,30 V3,30	B3,31 V9,24	B3,32 V3,44	B3,33 A1,52	B3,34 A1,53	B8,24	A1,50	A1,51				E150 B8,42	E151 A5,12	E152 A5,21	E153 A8,20	WB3I E154 A4,21	WB32 E155 A5,14	WB23 E156 C1,54	WB33 E157 A1,34	WB24 E158 A4,24	E159 B2,01
	TR. PCH & LEAD DESIG F	CTO	1 RA1	2 RH1	4 3 RC1	CT7 RD1	CU0 RA2	1 RB2	2 RC2	4 RD2	CU7 RA3	CRU0 RB3	1 RC3	2 RD3	4 RA4	CRU7 RB4	WCH0 RC4	1 RD4	2 RA5	4	WCH7	WLO TSQ0	I DLQ	2 I	4 2	WL7 TSQ7 4	LLCK DL7	LLCO DRQ	I I	2 2	LLC3 4	SWAT TSA DR7
	R																															
SA0	TO		Δ	Δ E138 E126	Δ E149 A0,41	Δ E148 A0,42	Δ E172 A0,43	Δ A0,44	Δ A1,40	Δ A1,41	Δ A1,42	Δ A1,43	Δ A1,44	Δ A0,50	Δ A0,51	Δ A0,52	Δ A0,53	Δ A0,54		A3,41	A3,42	A5,02		E160 A2,50	E161 A2,51	E162 A2,52	E163 A2,53	E164 A2,54	A3,50	G76 A3,51	G77 A3,52	G78 A3,53	G79 A3,54
	TR. PCH & LEAD DESIG F	TB0	1 TRE	2 TRSA	4 TRS8	TB7 TRA	TG/T0 TRA2	TG/T1 HDA	TG/U0 PKA	1 HDB	2 PKB	4 ON	TG/U7 SW	FS/TC SW1	1 RLK	FS/T2 RL1	FS/U0 RL2	1	2 CRT	4 ETM	FS/U7 SP	TS/T0 WTL	TS/T1 CL0	TS/U0 I	1 2	2 4	4 CL7	TS/U7 CR0	TS0 I	I 2	2 4	TS3 CR7
	R																															
LEAD DESIG TO TROUBLE RECORDER		BW X3	BW 90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	BW 119

Δ THESE PUNCHINGS ARE NOT CROSS CONNECTED. SEE TABLE 1E AND CADS.

DRAWING ISSUE	
52D	LGS AMP AMT
56D	TDD GTM AMP LEA WDS AMP
59D	PDT
62D	CM
64D	ANG
66D	
70D	
71D	
73D	
75D	

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CROSS CONNECT

FROM SCAN RELAY TS TERM.			B 11	00	01	02	03	04	10	11	12	13	14	20	21	22	23	24	30	31	32	33	34	40	41	42	43	44	50	51	52	53	54
RA8	TO		Δ	Δ A2,40	Δ A2,41	Δ A2,42	Δ A2,43	G69 A2,44	G68 A2,30	Δ A2,31	Δ A2,32	Δ A2,33	Δ A2,34	Δ A3,30	A1,52 A3,31	A1,53	B8,24 A3,33	A1,50 A3,34	A1,51 C4,20	B8,23 C4,21	A0,40 C4,22	A0,41 C4,23	A0,42	A0,43 C5,20	A0,44 C5,21	A1,40 C5,22	A1,41 C5,23	A1,42 C5,24	A1,43 C5,51	A1,44 C5,00	C0,34 C4,14	C1,30 C0,34	
	TR. PCH & LEAD DESIG	F	LVO	1 DC	2 DCC	4 TSTI	LV7 ACTA	LVR ACTB	LVS GO	LCO SM	1 WSM	2 ..CK	4 RSI	LC7 RS2	SF EOR	PR	TTF PSR	RF DCKF	EF WSF	SEF CTBL	JCO LCPT	1 ECT	2	3 BLO	4 I	5 2	6 4	7 BL7	8 BRO	JC9 I	STP1 2	STP2 4	BR7
		R																														
RA7	TO		A2,50	A2,51	A2,52	A2,53 G,28	A2,54 E173	A3,50 E174	A3,51	A3,52	A3,53 E150	A3,54 E151	B6,21 A2,40 E152	B6,22 A2,41 E153	A2,42 E154	A2,43 E155	A2,44	Δ E175	Δ E148	Δ E149	Δ B8,40	Δ B8,31	Δ B8,32	A3,44 E156	A3,41 E157	A3,42 E158	A3,43 E160	B8,30 E161	A0,50 E162	A0,51 E163	A0,52 E164	A0,53 E171	A0,54 E172	
	TR. PCH & LEAD DESIG	F	P0	1 TLR30	2 TLR31	3 CH0	4 I	5 CH2	6	7 .	8 MTRA	P9 MTRB	THO LL0 SA	THI LL1 SB	TH2 LL2 SC	TH3 4 SD	LL7	CH0 CPT0	1 ETM0	2 ERT0	4 BAR	CH7 CKLS	PNR CKRS	PA CKL0	PB I	PC 2	PE 4	JG0 CKL7	1 CKR0	2 I	3 2	JG4 4	CKR7
		R																														
RA6	TO		B7,10	A5,04 E270	B7,11 E271	C1,52 E272	B7,12 E273	A11,53 E274	B8,40 E275	C6,50 E276	B8,41 E277	B8,42 E278	E2,13 E279	E280	E281	E282	B8,54 E283	E284	D0,03 E285	C5,51 E286	C5,00 E287	C4,14 E288	E2,20 E289	E2,21 E290	A1,31 E291	E2,32 E292	B9,50 E293	A5,21 E294	A5,14 E295	C1,54 E296	A1,34 E297	A4,24 E298	B2,01 E299
	TR. PCH & LEAD DESIG	F	TC	CN TLR0	TP 1	TP' 2	RP 3	RPK 4	DLT 5	CDN 6	4B 7	5I 8	7T 9	10	11	12	AGCK 13	14	ESCK 15	MCS 16	CM 17	NMR 18	RDR 19	RDS 20	CTUK 21	RYK 22	AIS 23	CLG 24	CLK TCK 25	OTT 26	TTK 27	NDI 28	NDK TLR29
		R																														
RA5	TO		G25	G26	G27	G28	RT20 Δ	RT21 Δ	RT22 Δ	RT23 Δ	RT24 Δ	RT10 Δ	RT11 Δ	RT12 Δ	RT13 Δ	RT14 Δ	RT05 Δ	RT06 Δ	RT07 Δ	RT08 Δ	RT09 Δ	RT00 Δ	RT01 Δ	RT02 Δ	RT03 Δ	RT04 Δ	E0,10 RT25 Δ	E0,11 RT26 Δ	E0,12 RT27 Δ	E0,13 RT28 Δ	Δ		
	TR. PCH & LEAD DESIG	F	NGCT0	1 OFT0	2 1	NGCT3 OFT2	NGCU0 RT OFF0	RT 1	2	4	NGCU7 OFF 7	HN0 TH0	1	2	4	HN7 TH7	TO HN0	1	2	4	T7 HN7	U0 T0	1	2	4	U7 T7	TBS0 U0	1	2	TBS3 4	U 7		
		R																														
RA4	TO		E0,51 *	E0,52 *	E0,01 *	E0,00	E0,02	E0,03	E0,04	B9,21	E0,43	E0,54	E0,42	E0,41	B8,50	B8,51 T3,22	C4,20	C4,21	C4,22	C4,23	C4,24	C5,20 G25	C5,21 G26	C5,22 G27	C5,23 E528	C5,24 E529	Δ	Δ	Δ	Δ	Δ	Δ	Δ
	TR. PCH & LEAD DESIG	F	LP1 A1ODT 0	LLP A1ODT 1	LDN A1ODT 2	POTS	MRI CTI	PAN	RIP	2LN	BLT	BLDA	DAT	KM	DAC	TLT RTK	RS0 TP0	1	2	3	4 TP4	5 TST	6 EX1	7 EX2	8 GA	RS9 GB	RCT/T0 G/T0	RCT/T1 G/T1	RCT/U0 G/U0	1	2	4	RCT/U7 G/U7
		R																														
RA3	TO				B1,33	A8,42	B5,54	A8,40	A8,53	A8,52	C2,50	C3,51	C7,04	C6,10	A9,40	A8,41	E0,50	A9,51	A9,53	A9,52	A9,54	A8,43	A9,01			A6,54	A7,50	C4,30	C3,54	C3,50	C3,52	C3,53	A5,13	
	TR. PCH & LEAD DESIG	F		RIW	A1	SNG GLA	NGK	NGK1 GLB	UK	HTUK	TNK	PTK	PBX1	SLCK	CKD	CKR	LRA	A	AK	SAE	EG	RN6	NR			LCY	TCH	RSK	LI	TCK1	SRK	RCK2	RCK3
		R																														
RA2	TO		A8,51	A9,44	A8,50	A9,43	A9,50	C3,43	C3,44	A7,51	A7,52	B3,02	B3,03	B3,04	C2,54	C2,51	C2,52	C2,53	A8,44	B9,44	F0,54	D2,51	F0,54	F1,44	F1,43	F1,34	F1,40	F1,42	F1,23	D2,53	F0,50	D2,54	
	TR. PCH & LEAD DESIG	F	PTN	PN	TN	EN	PBN	FNA	FNB	LIN	TIN	BN	RI	TBI	TBH	OV	BY	OFH	PUL	CSW 2LV	OHS	DN	PLB	LNPR	LNP	PML	NPN	NPC	2LV	TOK	TA	LRL	
		R																														
RA1	TO		D2,40	D2,41	D2,42	D2,43	D2,34	D2,44	D2,50	F0,22	F0,23	F0,24	F0,30	F0,31	F0,32	F0,33	F0,10	F0,11	F0,12	F0,13	F0,14	E113	E114	F0,34	F0,40	F0,41	F0,42	F0,43	F0,44	C3,41	GD0	GD0	GD0
	TR. PCH & LEAD DESIG	F	R01	02	R03	R0T	FGA	SGA	TGA	COP0	1	2	4	7	10	COP15	COP10	1	2	4	7	10	COP05	STL0	1	2	3	4	STL5	EX	PERF0	1	PERF2
		R																														
RA0	TO			G,115	G,116	G,117	G,118	G,119	G,110	G,111	G,112	G,113	G,114	G,125	G,126	G,127	G,128	G,129	G,120	G,121	G,122	G,123	G,124	G,135	G,136	G,137	G,138	G,139	G,130	G,131	G,132	G,133	G,134
	TR. PCH & LEAD DESIG	F		DT0	1	2	4	DT7	DU0	1	2	4	DU7	HT0	1	2	4	HT7	HU0	1	2	4	HU7	HT0	1	2	4	HT7	HU0	1	2	4	HU7
		R																														
LEAD DESIG TO TROUBLE RECORDER			BW XI	BW 30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	BW 59

Δ THESE PUNCHINGS ARE NOT CROSS CONNECTED. SEE TABLE 1E AND CADS.

* WITH NG OPTION, CROSS CONNECT TO ONLY THOSE PUNCHINGS (E270-299) TERMINATING A TLR- LEAD FROM AN A1OD TRANSLATOR.

DRAWING ISSUE

52D	JGS PCM AMS
53AR	RLJ LM AMS
55D	RLJ LM AMS
56D	NJC GM AMS
57A	RRS GM AMS
59D	LEA AMS AMS
62D	NF PG
66D	PG
68D	
730	

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(SY) TABLE 4I

TABLE OF "A&M ONLY" AND "MFR DISC" CROSS CONNECTING AND T.R. PUNCH DESIGNATIONS.

RATING CHANGED ON ISS	RATING	DESIG	SCAN RELAY CONTACTS	CONN RELAY CONTACT	OPTION
25D	MFR DISC	NDC CLTI CLT2	RA6,41 RA6,43 RA6,44	A5,12 A4,20 A4,21	VM
36D	MFR DISC	CRRO-2	R6,24,30,31	C6,50-52	UM
39D	A&M ONLY	RIP	RA8,14	B9,22	TO

(SY) TABLE 4J

CROSS CONNECTING TABLE FOR WADS LINE CONCENTRATOR NO. 2A.

DESIG	CROSS CONNECT FROM	CROSS CONNECT TO
CP1	LC,05	R1,10
CP2	LC,06	R1,11
CP4	LC,07	R1,12
CP8	LC,08	R1,13
CP16	LC,09	R1,14
DIS	LC,02	R1,02
FTO,1	LC,11,12	R4,00,01
FUO-2	LC,13-15	R4,02-04
FU4,7	LC,16-17	R4,10,11
GRPO,1	LC,18,19	R4,12,13
LTO	LC,20	R4,14
LT1,2,4,7	LC,21-24	R4,20-23
LUO	LC,25	R4,24
LU1,2,4,7	LC,26-29	R4,30-33
RSD	LC,04	R1,04
SD	LC,03	R1,03
SR	LC,00	R1,00
TER	LC,01	R1,01
TM5	LC,10	R1,20
TTO	LC,30	R4,34
TT1,4,7	LC,31,33,34	R4,40-42
TUO,1	LC,35,36	R4,43,44
TU2,4,7	LC,37-39	R4,50-52
WC	WC	R6,54

(SY) TABLE 4K

ADDITIONAL CROSS CONNECTIONS (SHOWN IN TABLE 4H) TO BE OMITTED WHEN AN OFFICE DOES NOT HAVE AND WILL NOT ULTIMATELY HAVE AMA OR CAMA.

OMIT CROSS CONNECTIONS FROM	OMIT CROSS CONNECTIONS TO
(R4) 30	G109
(R5) 10-23	G100-108
(R5) 24-40	⊗
(RA4) 41,42	E258,259
(RA4) 43-54	⊗
(RA6) 00-54	E270-299
(RA7) 00,01	
(S0) 01	E390
(S2) 30,31	E202,203
(S2) 32-41	E210-214
(S2) 50-54	E245-249
(S3) 30-34	E240-244
(S3) 40-42	E204-206
(S3) 50-52	E224-226
(S4) 40-44	E235-239
(S4) 50-54)	E215-219
(S5) 00	E301
(S5) 30-34	E250-254
(S5) 40-44)	E335-339
(S5) 50-54)	E330-334
(S6) 32,33	E201,227
(S7) 42,43	E384,385
(S7) 44,50-53	⊗
(S8) 31-33	E304,380,303
(SA2) 24,30-32	E230,232-234
(SA2) 33	E207
(SA2) 34	E229
(SA2) 40-42	E229,223,231
(SA2) 43,44,50	E220-222
(SA2) 51-53	E209,228,208
(SA3) 32	E388
(SA3) 33	E393
(SA3) 34	E397
(SA3) 40	E392
(SA3) 42,43	E310,311
(SA3) 44	E315
(SA3) 50	E317
(SA3) 51	E326
(SA3) 52	E300
(SA3) 53	E329
(SA3) 54	E318
(SA4) 00	E305
(SA4) 44	E255
(SA5) 14	E305
(SA5) 23	E255
(SA5) 31	E394
(SA5) 40	E399
(SA5) 43	E313
(SA5) 44	E312
(SA5) 50	E316
(SA5) 51	E319
(SA5) 52	E328
(SA5) 53	E314
(SA5) 54	E325
(SA6) 00	E327
(SA6) 01	E324
(SA6) 02	E322
(SA6) 03	E321
(SA6) 04	E325
(SA6) 32	E302
(SA6) 33	E389
(SA6) 41	E396
(SA6) 42	E389
(SA6) 43	E395

(SY) TABLE 4L

CROSS CONNECTING TABLE FOR ANI WHEN LAMA OR CAMA IS NOT ALSO PROVIDED

CROSS CONNECT FROM	CROSS CONNECT TO
(R1) 00-03	(V1) 31-34
(R1) 04,10-13	(V3) 31-34,40
(R1) 14,20-23	(V1) 40-44
(R1) 24	(V1) 50
(R1) 30-34	(V4) 50-54
(R1) 40-44	(V4) 40-44
(R4) 24	(V1) 53
(R4) 30	G109
(R5) 10	G100
(R5) 20,21	G105,106
(R5) 24,30-34,40	⊗
(R6) 52	(V4) 11
(R6) 53	(V4) 12
(R8) 00-04	(V1) 00-04
(R8) 14	(V1) 14
(RA4) 41,42	E258,259
(RA4) 43,44,50-54	⊗
(RA5) 00-02	(V1) 10-13
(RA5) 03,04,10-12	⊗
(RA5) 13-52	⊗
(RA6) 00-54	E270-299
(RA7) 00,01	
(S1) 00-04	(V0) 00-04
(S1) 10-14	(V0) 10-14
(S1) 20-24	(V0) 20-24
(S1) 30-34	(V0) 30-34
(S1) 40-44	(V0) 40-44
(S1) 50-54	(V0) 50-54
(S2) 42-44	(V3) 20-22
(S7) 00	(V4) 13
(S7) 01	(V4) 14
(S7) 03	(V1) 51
(S7) 10	(V4) 02
(S7) 11	(V4) 01
(S7) 12	(V4) 33
(S7) 13	(V4) 20
(S8) 31	E304
(SA3) 24	(V4) 24
(SA3) 30	(V4) 30
(SA4) 00	F305
(SA4) 01	(V4) 21
(SA4) 03	(V4) 03
(SA4) 13	(V4) 32
(SA5) 01	(V4) 31
(SA5) 13	(V3) 50
(SA5) 22	(V3) 44
(SA5) 41	(V3) 24
(SA5) 42	(V3) 30
(SA6) 13	(V4) 22
(SA6) 21	(V4) 00
(SA6) 32	(V4) 34
(SA6) 52	(V1) 52
(SA6) 53	(V4) 23
(SA6) 54	(V3) 51

⊗ THESE PUNCHINGS ARE NOT CROSS CONNECTED. FOR LEAD CONNECTIONS SEE TABLE 1E OR TABLE 1F.

TABLE 4M (MFR DISC.)

CROSS CONNECTING TABLE FOR ELECTRONIC ROUTE TRANSLATION

CROSS CONNECT FROM	CROSS CONNECT TO
(R6) 00-04	(V12) 20-24
(R8) 00-04	(V1) 00-04
(R8) 40-44	(V7) 00-04
(RA3) 00-04	(V0) 00-04
(RA3) 00-04	(V0) 20-24
(S1) 30-34	(V0) 30-34
(S1) 40-44	(V0) 40-44
(S1) 50-54	(V0) 50-54
(S2) 30-34	(V0) 30-34
(S2) 40-44	(V0) 40-44
(S2) 50-54	(V0) 20-24
(S4) 40-44	E235-239
(S4) 50-54	E215-219
(S5) 30-34	E250-254
(S5) 40-44	E335-339
(S5) 50-54	E330-334
(S7) 30	E390
(S7) 40-44	E341-344
(S8) 31	E304

TABLE 4N (MFR DISC.)

CROSS CONNECTING TABLE FOR ROUTE TRANSLATOR

CROSS CONNECT FROM	CROSS CONNECT TO
(R6) 00-04	(V12) 20-24
(R8) 00-04	(V1) 00-04
(R8) 40-44	(V7) 00-04
(S1) 30-34	(V0) 30-34
(S1) 40-44	(V0) 40-44
(S1) 50-54	(V0) 50-54
(S4) 40-44	E235-239
(S4) 50-54	E215-219
(S5) 30-34	E250-254
(S5) 40-44	E335-339
(S5) 50-54	E330-334

TABLE 4P

CONNECTION INFORMATION FOR TABLE 1E DR,DRT,MKR-CM,MKR-DTM PUNCHES WITH AND WITHOUT OPTION OE (EXPANDED MARKERS)

OPTION	DESIG	TERM NO.	TO	
OE	DRTO	E371 E370	DRT (DO-5) (C8-11) (ON TS F)	CROSS CONNECT TO DRTO (E370,371) OR DRTI (E372, 373) ACCORDING TO TENS DIGIT OF MARKER NUMBER
	DRTI	E372 E373		
NOT OE	MKR-CM	S8,30	CM LEAD FIG.6	CONNECT ACCORDING TO MARKER TYPE (CM) OR (DTM)
	MKR-DTM	S8,31	DTM LEAD FIG.41	
OE	DRO-9	E360-369	DR (DO-5) (C0-11) (ON TS F)	CROSS CONNECT ACCORDING TO MARKER NUMBER UNITS DIGIT (MKR NO 0-17)
NOT OE			DR D(0-3) C(0-7) (ON TS F)	CROSS CONNECT ACCORDING TO MARKER TYPE NO. DTM 0-3, CM 0-7
			DR-LIT (ON TS F)	CROSS CONNECT TO DRO-9 (SEE NOTE 14a)

DRAWING ISSUE	FLS	
52D	rev 4/81	CE
62D	N.F.	CB
70D		CA

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TABLE 5B

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.154

CONTACT NUMBERS	RELAYS V6	RELAYS V8	CONTACT NUMBERS
54	TBY	4L,	54
53	OF	2L	53
52	XNL		52
51	XRST		51
50	X	RLH	50
44	XOF	XIC, XTS	44
43	XVF	DNK	43
42	XET	TGK	42
41	XVG	TSL	41
40	4W, OAR2	TNO, SP	40
34	2W, OAR1	SW7	34
33	OFT	SW4	33
32	CK7, OAR0	SW2	32
31	CK4, XS	SW1	31
30	OFF5	SW0	30
24	OFF4	VG10	24
23	OFF3	VG7	23
22	OFF2	VG4	22
21	OFF1	VG2	21
20	OFF0	VG1	20
14	TH9	VG0	14
13	TH8	VF4	13
12	TH7	VF3	12
11	TH6	VF2	11
10	TH5	VF1	10
04	TH4	VF0	04
03	TH3	FT3	03
02	TH2	FT2	02
01	TH1	FT1	01
00	TH0	FT0	00

CONTACT NUMBERS	RELAYS V5	RELAYS V7	RELAYS V9	CONTACT NUMBERS
54	HN9	TOP	CD7	54
53	HN8	FU7	CD4	53
52	HN7	FU4	CD2	52
51	HN6	FU2	CD1	51
50	HN5	FU1	CD0	50
44	HN4	FU0	SPC	44
43	HN3	MB7	NSP	43
42	HN2	MB4	OFT2	42
41	HN1	MB2	OFT1	41
40	HN0	MB1	OFT0	40
34	T9	MB0	OFF9	34
33	T8	CP7	OFF8	33
32	T7	CP4	OFF7	32
31	T6	CP2	OFF6	31
30	T5	CP1		30
24	T4	CP0	NID, RC3	24
23	T3	L5D	IOD, RC2	23
22	T2	5DG	AOS, RC1	22
21	T1	4DG	RNT1	21
20	T0	LST	RNT0	20
14	U9	RPT	RST19	14
13	U8	TPT	RST18	13
12	U7	FACK, XRE	RST17	12
11	U6	FABC, XRN	RST16	11
10	U5	M7	RST15	10
04	U4	L7	RST14	04
03	U3	L4	RST13	03
02	U2	L2	RST12	02
01	U1	L1	RST11	01
00	U0	L0	RST10	00

TABLE 5C

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.155

CONTACT NUMBERS	RELAYS V11	RELAYS V13	CONTACT NUMBERS
54	LST		54
53	CP7		53
52	CP1	WKC	52
51	4DG	ROPT	51
50	AD	VTC	50
44	7DG	TRIT	44
43	AC		43
42	ACD		42
41	BI1	TIA3	41
40	BIO	TIA2	40
34	BIRA	TIA1	34
33	CC9	TIA0	33
32	CC8	TI3	32
31	CC7	TI2	31
30	CC6	TI1	30
24	CC5	TIO	24
23	CC4	TC	23
22	CC3	TAR3	22
21	CC2	TAR2	21
20	CC1	TAR1	20
14	CC0	TARO	14
13	ONC	T5L	13
12	FC	T4L	12
11	LCD2	SK1	11
10	LCD1	SK0	10
04	LCD0		04
03	LO,1	OD	03
02	LO,0	RL1	02
01	NLO,1	RE1	01
00	NLO,0	REO	00

CONTACT NUMBERS	RELAYS V10	RELAYS V12	RELAYS V14	CONTACT NUMBERS
54		RGK		54
53	G	PRLT		53
52	NMB1	PRLK		52
51	NMBO			51
50	NMF	P5L		50
44	NMK	P4L		44
43	OIK	P2L		43
42	OAR2	ORC2		42
41	OAR1	ORC1		41
40	OARO	ORCO		40
34	OA7			34
33	OA4			33
32	OA2			32
31	OA1			31
30	OAO			30
24	OB7	OG7		24
23	OB4	OG4		23
22	OB2	OG2		22
21	OB1	OG1		21
20	OBO	OGO		20
14	OC7	OF7		14
13	OC4	OF4		13
12	OC2	OF2		12
11	OC1	OF1		11
10	OCO	OFO	IE	10
04	OD7	OE7	XRA	04
03	OD4	OE4	XS	03
02	OD2	OE2	XIN3	02
01	OD1	OE1	XIN2	01
00	ODO	OEO	XIN1	00

TABLE 5D

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF (V4) RELAYS IN FIG.158 (FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD OR FOR OFFICES USING SINGLE SIDED T.R CARD WHICH ARE ARRANGED FOR THE FOLLOWING FEATURES:

A. SAMPLE TRAFFIC COUNT.
B. PBX AUTOMATIC (IDENTIFIED OUTWARD DIALING.)

(CONT BELOW TABLES)

CONTACT NUMBERS	RELAYS
54	
53	
52	
51	
50	
44	
43	
42	
41	
40	
34	
33	
32	
31	
30	
24	
23	
22	
21	
20	
14	
13	
12	
11	
10	
04	
03	
02	
01	
00	

CONTACT NUMBERS	RELAYS V4
54	CD7
53	CD4
52	CD2
51	CD1
50	CD0
44	4W,OAR2
43	2W,OAR1
42	SPC
41	NSP
40	
34	RA3
33	RA2
32	RA1
31	TNK
30	TRL
24	NID,RC3
23	IOD,RC2
22	AOS,RC1
21	RNT1
20	RNT0
14	RST19
13	RST18
12	RST17
11	RST16
10	RST15
04	RST14
03	RST13
02	RST12
01	RST11
00	RST10

(CONT FROM ATOP TABLES)

C. OPTION ND PROVIDED TO ENABLE OPERATION WITH MORE THAN 10 REGULAR AMA RECORDERS PLUS 1 EMERGENCY RECORDER.

D. MAGNETIC TAPE (OFFICES WITH LAMA PRIOR TO ISSUE 20D)

TABLE 5E

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG. 161

CONT NO.	RELAYS V0	V1	V2	V3	V4
54	F7	DIST	HN9	TTT	SW7
53	F4	SC	HN8	CMB	SW4
52	F2	XVF	HN7	TIK	SW2
51	F1	TM2	HN6	XVG	SW1
50	FO	VG10	HN5	P	SWO
44	E7	VG7	HN4	PT	VF4
43	E4	VG4	HN3	MC	VF3
42	E2	VG2	HN2	TOP	VF2
41	E1	VG1	HN1	RLA	VF1
40	EO	VGO	HNO	FU7	VFO
34	D7	FT3	T9	FU4	XTL
33	D4	FT2	T8	FU2	TRIT
32	D2	FT1	T7	FU1	DNK
31	D1	FTO	T6	FUO	TGR
30	DO	OFF5	T5	TNK	RPT
24	C7	OFF4	T4	TRL	TPT
23	C4	OFF3	T3		XET
22	C2	OFF2	T2	OFT2	X
21	C1	OFF1	T1	OFT1	GC
20	CO	OFF0	TO	OFTO	RL
14	B7	H7	U9	TH9	2TR
13	B4	OFF9	U8	TH8	1TR
12	B2	OFF8	U7	TH7	NOB
11	B1	OFF7	U6	TH6	OBS
10	BO	OFF6	U5	TH5	TRA
04	A7	G7	U4	TH4	MOA
03	A4	G4	U3	TH3	CK1
02	A2	G2	U2	TH2	TRS
01	A1	G1	U1	TH1	TM
00	AO	GO	UO	THO	XNL

TABLE 5F

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 55 (FOR OFFICES WITH MAGNETIC AMA FEATURE)

CONT NO.	RELAYS V15				
54	*				
53					
52					
51					
50					
44	AT7				
43	AT4				
42	AT2				
41	AT1				
40	ATO				
34	BT7				
33	BT4				
32	BT2				
31	BT1				
30	BTO				
24	CT7				
23	CT4				
22	CT2				
21	CT1				
20	CTO				
14	TRU7				
13	TRU4				
12	TRU2				
11	TRU1				
10	TRU0				
04	TRT7				
03	TRT4				
02	TRT2				
01	TRT1				
00	TRTO				

* USED ON ES-27158-01

(LR) TABLE 6 (MFR DISC)

SHOWING DESIGNATION OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 27 (FOR USE WITH SINGLE SIDED T.R. CARD OR FOR OFFICE HAVING AMA PRIOR TO ISSUE 20D AND CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD; PAPER TAPE AMA)

CONTACT NUMBERS	RELAYS RTE OR RTO
59	
58	PTI
57	
56	DTN
55	P
54	B'7
53	B'4
52	B'2
51	B'1
50	B'0
49	XTC
48	XTC
47	XUI
46	XTL
45	HRI
44	C'7
43	C'4
42	C'2
41	C'1
40	C'0
39	
38	DS
37	
36	PI
35	A'2
34	D'7
33	D'4
32	D'2
31	D'1
30	D'0
29	TBL
28	RD
27	
26	
25	A'1
24	E'7
23	E'4
22	E'2
21	E'1
20	E'0
19	
18	
17	TV
16	PT
15	A'0
14	F'7
13	F'4
12	F'2
11	F'1
10	F'0
9	PTS
8	XPI
7	DTK
6	IPA
5	XTI
4	OTO
3	PAK
2	
1	LC
0	AT

CONTACT NUMBERS	RELAYS RTE/ RTO
59	
58	
57	
56	
55	
54	XRLI
53	XRTL
52	XTOK
51	XRB
50	XOST
49	XTC
48	XTC
47	XUI
46	XTL
45	
44	U7
43	U4
42	U2
41	U1
40	U0
39	
38	DS
37	
36	
35	TM
34	T7
33	T4
32	T2
31	T1
30	T0
29	TNR
28	RD
27	
26	MRRL
25	TRL
24	AR7
23	AR4
22	AR2
21	AR1
20	AR0
19	TTKL
18	MRST
17	TV
16	ARS
15	ALS
14	AL7
13	AL4
12	AL2
11	ALI
10	ALO
9	BA
8	XTP
7	DTK
6	IPA
5	XTI
4	OTO
3	
2	SP
1	
0	

(LS) TABLE 6C

SHOWING DESIGNATION OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 27 (FOR OFFICES CONVERTED FOR USE WITH DOUBLE SIDED TROUBLE CARD. CONVERTING TO MAGNETIC TAPE LAMA)

CONTACT NUMBERS	RELAYS RTE/ RTO
59	
58	
57	
56	
55	
54	
53	
52	
51	
50	
49	
48	
47	
46	
45	
44	
43	
42	
41	
40	
39	
38	
37	
36	
35	
34	
33	
32	
31	
30	
29	
28	
27	
26	
25	
24	
23	
22	
21	
20	
19	
18	
17	
16	
15	
14	
13	
12	
11	
10	
9	
8	
7	
6	
5	
4	
3	
2	
1	
0	

(LP) TABLE 6A

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 156 (FOR USE WITH PAPER TAPE AMA FEATURE)

CONTACT NUMBERS	RELAYS RTEA OR RTOA
54	
53	PTI
52	
51	DTN
50	P
44	XTC2-XTC
43	XTC
42	XUI
41	XTL
40	HRI
34	
33	DS
32	
31	PI
30	A'2
24	TBL
23	RD
22	
21	
20	A'1
14	
13	
12	TV
11	PT
10	A'0
04	PTS
03	XPI
02	DTK
01	IPA
00	XTI

CONTACT NUMBERS	RELAYS RTE OR RTO
54	B'7
53	B'4
52	B'2
51	B'1
50	B'0
44	C'7
43	C'4
42	C'2
41	C'1
40	C'0
34	D'7
33	D'4
32	D'2
31	D'1
30	D'0
24	E'7
23	E'4
22	E'2
21	E'1
20	E'0
14	F'7
13	F'4
12	F'2
11	F'1
10	F'0
04	OTO
03	PAK
02	
01	LC
00	

* CONTACT FIXED SPRING XTC2

MOVEABLE SPRING XTC

(LQ) TABLE 6B

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 156 (FOR OFFICES WITH MAGNETIC TAPE AMA FEATURE)

CONTACT NUMBERS	RELAYS RTEA/ RTOA
54	XRLI
53	XRTL
52	XTOK
51	XRB
50	XOST
44	XTC
43	XTC
42	XUI
41	XTL
40	
34	
33	DS
32	
31	
30	TM
24	TNR
23	RD
22	MRRL
21	TTKL
20	TRL
14	MRST
13	SP
12	TV
11	ARS
10	ALS
04	BA
03	XTP
02	DTK
01	IPA
00	XTI

CONTACT NUMBERS	RELAYS RTE/RTO
54	
53	
52	
51	
50	
44	U7
43	U4
42	U2
41	U1
40	U0
34	T7
33	T4
32	T2
31	T1
30	T0
24	AR7
23	AR4
22	AR2
21	AR1
20	AR0
14	AL7
13	AL4
12	AL2
11	ALI
10	ALO
04	OTO
03	
02	
01	
00	

DRAWING ISSUE

43D	EM ELM AMD
52D	RCS AM AM
56D	TUO GVA AMD ENS
66D	
73D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D39

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO

(SE) TABLE 32A

SWBD CA FROM MA TST CONN UNIT FOR ANI
TV ON ANI TV CONN FR TO AMTC FR
(REQUIRED WHEN ANI AND CAMA ARE
PROVIDED IN THE SAME MKR GROUP)

FROM			TO			FROM			TO			FROM			TO			FROM			TO			FROM			TO		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		54			54			54	17	V2L	32			54			54			54	17	V3L	54			54			34
		53			53			53			23			53			53			53			53			53			33
		52			52			52	19	V6L	43			52			52			52	17	V2L	24			52			32
		51			51			51	17	V1L	41			51			51			51	19	V6L	41			51			31
		50			50			50			24			50			50			50	17	W1L	50			50	19	V8L	30
		44			44			44			23			44			44			44			11			44			13
		43			43			43			22			43			43			43	17	V2L	31			43			12
		42			42			42			21			42			42			42	19	V7L	54			42			11
		41			41			41	19	V8L	20			41			41			41	17	V2L	41			41			10
		40			40			40			14			40			40			40			53			40			04
		34			34			34			03			34			34			34			52			34	117	AA	E201
		33			33			33			02			33			33			33	19	V7L	51			33	21	V13R	44
		32			32			32			01			32			32			32			50			32	19	V8L	43
		31			31			31			00			31			31			31			44			31			42
32	VOL	30	17	VOL	30	32	V1L	30			30	32	V2L	30	19	V5L	30	32	V3L	30				32	V4L	30	19	V7L	14
		24			24			24			24			24			24			24						24			13
		23			23			23	19	V6L	23			23			23			23						23	19	V6L	42
		22			22			22			22			22			22			22			42			22			50
		21			21			21			21			21			21			21	19	V9L	41			21			10
		20			20			20			20			20			20			20			40			20			11
		14			14			14	17	V1L	14			14			14			14			14			14			20
		13			13			13	19	V9L	34			13			13			13			13			13	17	V2L	14
		12			12			12			33			12			12			12			12			12			21
		11			11			11			32			11			11			11			11			11			22
		10			10			10			31			10			10			10	19	V6L	10			10			33
		04			04			04			04			04			04			04			04			04			34
		03			03			03			03			03			03			03			03			03			52
		02			02			02	17	V1L	02			02			02			02			02			02	17	V3L	51
		01			01			01			01			01			01			01			01			01			50
		00			00			00			00			00			00			00			00			00			13

DRAWING ISSUE
43D

ISSUE
98B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-D40
BELL TELEPHONE LABORATORIES INCORPORATED
6S

STABILOKE

TABLE 51A

(FOR TABLE I)

CONTACT OR TERM.	RELAYS OR TERM. STRIPS																																				CONTACT OR TERM.
	A0				A1				A2				A3				A4				A5				B0				B1									
	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	
59	FML	S8	42	VK	P9	R6	59	VK	TG19	R8	49	VK	*MBJB7			**	EG	R3	26	VK	RV	S7	6	VK	FS19	S1	49	VK	RO	S4	13	VK					59
58	PR	S1	57	VK	P8	R6	58	VK	TG18	R8	48	VK	*FNAJTB6			**	AK	R3	24	VK	RPK	R4	35	VK	FS18	S1	48	VK	INC	S4	12	VK					58
57	SF	S1	56	VK	P7	R6	57	VK	TG17	R8	47	VK	TIN	R2	13	VK	SAE	R3	25	VK	OPR	R5	42	VK	FS17	S1	47	VK	TAN	S4	10	VK					57
56	**EF	EF	38		P6	R6	56	VK	TG16	R8	46	VK	LIN	R2	12	VK	A	R3	23	VK	TSR	S1	15	VK	FS16	S1	46	VK	TOL	S4	11	VK					56
55	**RF	RF	38		P5	R6	55	VK	TG15	R8	45	VK	TCH	R2	11	VK	PBH	R2	3	VK	H'7	R5	29	VK	FS15	S1	45	VK	*2DT	S7	4	*					55
54	JG4	R6	44	VK	P4	R6	54	VK	TG14	R8	44	VK	LCH	R2	10	VK	TWT/CWK	R5	41	VK	L'7	R6	24	VK	FS14	S1	44	VK	TAN4								54
53	JG3	R6	43	VK	P3	R6	53	VK	TG13	R8	43	VK	XRS1	S6	55	VK	UK	R4	24	VK	L'4	R6	23	VK	FS13	S1	43	VK	TAN3								53
52	JG2	R6	42	VK	P2	R6	52	VK	TG12	R8	42	VK	XRS	S6	54	VK	HTUK	R4	25	VK	L'2	R6	22	VK	FS12	S1	42	VK	TAN2								52
51	JG1	R6	41	VK	P1	R6	51	VK	TG11	R8	41	VK	XSS	S5	39	VK	PTN	R2	2	VK	L'1	R6	21	VK	FS11	S1	41	VK	TAN1								51
50	JG0	R6	40	VK	P0	R6	50	VK	TG10	R8	40	VK	XLO	S5	35	VK	TN	R2	1	VK	L'0	R6	20	VK	FS10	S1	40	VK	TANO								50
49	**JC9	JC9	38		PNR	R6	46	VK	TG9	R8	39	VK	XSL	S6	51	VK	PN	R2	0	VK	K'7	R6	19	VK	FS9	S1	39	VK	*PCD1	S5	12	*					49
48	**JC8	JC8	38		PC	R6	49	VK	TG8	R8	38	VK	XCKR	S5	48	VK	*EN	R2	21	*	K'4	R6	18	VK	FS8	S1	38	VK	*PCD	S5	11	*					48
47	**JC7	JC7	38		PB	R6	48	VK	TG7	R8	37	VK	XRL	S5	54	VK	*JXPA			*	K'2	R6	17	VK	FS7	S1	37	VK	*PCR	S5	10	*					47
46	**JC6	JC6	38		PA	R6	47	VK	TG6	R8	36	VK	XTC1	S5	50	VK	XSC	R3	54	TO	K'1	R6	16	VK	FS6	S1	36	VK	THC	S4	8	VK					46
45	**JC5	JC5	38		JCK	S8	47	VK	TG5	R8	35	VK	XTC	S5	49	VK	CKO	R3	21	VK	K'0	R6	15	VK	FS5	S1	35	VK	PHC	S4	7	VK					45
44	**JC4	JC4	38		LL7	S4	29	VK	TG4	R8	34	VK	XMRL	S5	55	VK	PUL	R2	9	VK	J'7	R6	14	VK	FS4	S1	34	VK	*FAC	S4	14	*					44
43	**JC3	JC3	38		LL4	S4	28	VK	TG3	R8	33	VK	XTRL	S5	52	VK	RNG	R3	27	VK	J'4	R6	13	VK	FS3	S1	33	VK									43
42	**JC2	JC2	38		LL2	S4	27	VK	TG2	R8	32	VK	XBT	S5	53	VK	SNG	R4	22	VK	J'2	R6	12	VK	FS2	S1	32	VK	SG			PY					42
41	**JC1	JC1	38		LL1	S4	26	VK	TG1	R8	31	VK	XTRK	S5	51	VK	CKR	R3	22	VK	J'1	R6	11	VK	FS1	S1	31	VK	AIS	S3	27	PY					41
40	**JCO	JCO	38		LLO	S4	25	VK	TGO	R8	30	VK	XTS	S6	37	VK	NGK1	R4	28	VK	J'0	R6	10	VK	FSO	S1	30	VK	*RPSA	S7	18	*					40
39	TTK	R4	39	VK	CH9	CH9	3T		CK	S8	41	VK	XTG1	S6	41	VK	U9	U9	38		H'7	R6	9	VK	*XAN	S5	56	*	*RP4	S6	18	*					39
38	LB	S7	37	VK	CH8	CH8	3T		RCY	S8	53	VK	XTS1	S6	52	VK	U8	U8	38		H'4	R6	8	VK	*AN	R3	28	*	*RP3	S6	17	*					38
37	**LXPA	S7	41	**	CH7	CH7	3T		SNK	S8	59	VK	XFG	S5	43	VK	U7	U7	38		H'2	R6	7	VK	SPL	S3	23	VK	*RP2	S6	16	*					37
36	*HTR	S7	42	*	CH6	CH6	3T		FM	S8	52	VK	XN	S5	42	VK	U6	U6	38		H'1	R6	6	VK	FG1	S4	19	VK	*RP1	S6	15	*					36
35	GTS	S8	13	VK	CH5	CH5	3T		TB5	S1	55	VK	XCH	S6	57	VK	U5	U5	38		H'0	R6	5	VK	FGO	S4	18	VK	*RPO	S6	14	*					35
34	FCG	S5	57	VK	CH4	CH4	3T		TB4	S1	54	VK	XLS	S5	33	VK	U4	U4	38		G'7	R6	4	VK	TF7	S4	24	VK	CR7	R7	29	VK					34
33	GT2	S7	45	VK	CH3	CH3	3T		TB3	S1	53	VK	XTB1	S6	40	VK	U3	U3	38		G'4	R6	3	VK	TF4	S4	23	VK	CR4	R7	28	VK					33
32	GLH	S7	43	VK	CH2	CH2	3T		TB2	S1	52	VK	XSA	S5	41	VK	U2	U2	38		G'2	R6	2	VK	TF2	S4	22	VK	CR2	R7	27	VK					32
31	CT2	R1	27	VK	CH1	CH1	3T		TB1	S1	51	VK	XS	S5	40	VK	U1	U1	38		G'1	R6	1	VK	TF1	S4	21	VK	CR1	R7	26	VK					31
30	CT1	R1	26	VK	CHO	CHO	3T		TBO	S1	50	VK	XLV	S5	48	VK	UO	UO	38		G'0	R6	0	VK	TFO	S4	20	VK	CRO	R7	25	VK					30
29	CTO	R1	25	VK	CHA	CH9	18		TGT	R1	28	VK	XVGA	S5	58	VK	T9	T9	38		F'7	MISC	494	VK	LR	S5	59	VK	OSG4	S1	4	VK					29
28	2P	S3	7	VK	TBK	S8	44	VK	VTK1	S7	31	VK	XJS	S5	44	VK	T8	T8	38		F'4	MISC	493	VK	DCXO/CWF	S8	32	VK	OSG3	S1	3	VK					28
27	MAN	S3	6	VK	CHK	S8	31	VK	RNT2	S1	18	VK	XHG	S5	30	VK	T7	T7	38		F'2	MISC	492	VK	HMS1	S7	39	VK	OSG2	S1	2	VK					27
26	FTK1	S7	33	VK	GTL	S8	33	VK	CLG	R5	56	VK	XLG	S5	31	VK	T6	T6	38		F'1	MISC	491	VK	FBK	R8	51	VK	OSG1	S1	1	VK					26
25	HTK1	S7	32	VK	LFK	S7	35	VK	*PTK,RVI	R4	27	*	XLC	S5	47	VK	T5	T5	38		F'0	MISC	490	VK	FAK	R8	50	VK	OSG0	S1	0	VK					25
24	VG'7	RO	13	VK	SQA	S5	58	VK	ND1	R4	36	VK	XLR	S5	45	VK	T4	T4	38		E'7	MISC	504	VK	VG7	MISC	414	VK	DL5	R5	19	VK					24
23	VG'4	RO	12	VK	RK3	S8	58	VK	NSI	S7	13	VK	XJG	S6	43	VK	T3	T3	38		E'4	MISC	503	VK	VG4	MISC	413	VK	DL4	R5	18	VK					23
22	VG'2	RO	11	VK	RK2	S8	57	VK	NSO	S7	12	VK	XJC	S6	42	VK	T2	T2	38		E'2	MISC	502	VK	VG2	MISC	412	VK	DL3	R5	17	VK					22
21	VG'1	RO	10	VK	**ORK	S8	56	**	CLT2	R5	58	VK	XF	S5	50	VK	T1	T1	38		E'1	MISC	501	VK	VG1	MISC	411	VK	DL2	R5	16	VK					21
20	VG'0	RO	9	VK	SRT	MISC	72		CLT1	R5	57	VK	XVGBX/XDW	S6	59	VK	TO	TO	38		E'0	MISC	500	VK	VG0	MISC	410	VK	DL1	R5	15	VK					20
19	VG'10	RO	14	VK	TS19	SO	49	VK	CLK	R5	59	VK	XAB	S6	49	VK	HN9	HN9	38		D'7	MISC	514	VK	VG10	MISC	404	VK	OS4	S1	12	VK					19
18	FT'3	RO	3	VK	TS18	SO	48	VK	RCK3	R2	24	VK	XTS	S6	46	VK	HN8	HN8	38		D'4	MISC	513	VK	FT3	MISC	403	VK	OS3	S1	11	VK					18
17	FT'2	RO	2	VK	TS17	SO	47	VK	NOC	R5	55	VK	XPT	S6	53	VK	HN7	HN7	38		D'2	MISC	512	VK	FT2	MISC	402	VK	OS2	S1	10	VK					17
16	FT'1	RO	1	VK	TS16	SO	46	VK	*XAP	S5	56	*	XCLC	S5	47	VK	HN6	HN6	38		D'1	MISC	511	VK	FT1	MISC	401	VK	OS1	S1	9	VK					16
15	FT'0	RO	0	VK	TS15	SO	45	VK					XT	S5	46	VK	HN5	HN5	38		D'0	MISC	510	VK	FTO	MISC	400	VK	OSO	S1	8	VK					15
14	FU'7	RO	8	VK	TS14	SO	44	VK	SLK2	S1	21	VK	XCS	S5	32	VK	HN4	HN4	38		C'7	MISC	524	VK	FU7	MISC	399	VK	CL5	R5	26	VK					14
13	FU'4	RO	7	VK	TS13	SO	43	VK	SLK1	S1	20	VK	XTG	S6	39	VK	HN3	HN3	38		C'4	MISC	523	VK	FU4	MISC	398	VK	CL4	R5	25	VK					13
12	FU'2	RO	6	VK	TS12	SO	42	VK	OST2	S1	16	VK	XTB	S6	38	VK	HN2	HN2	38		C'2	MISC	522	VK	FU2	MISC	397	VK	CL3	R5	24	VK					12
11	FU'1	RO	5	VK	TS11	SO	41	VK	XLH	S5	34	VK	*XRCT	S5	38	*	HN1	HN1	38		C'1	MISC	521	VK	FU1	MISC	396	VK	CL2	R5	23	VK					11
10	FU'0	RO	4	VK	TS10	SO	40	VK	RSC	S1	17	VK	XCP	S6	34	VK	HNO	HNO	38		C'0	MISC	520	VK	FU0	MISC	395	VK	CL1	R5	22	VK					10
9	VF'4	RO	24	VK	TS9	SO	39	VK	CN	R4	31	VK	ADL	S6	32	VK	DR	R5	40	VK	B'7	MISC	534	VK	VF4	MISC	409	VK	TBI	R2	16	VK					9
8	VF'3	RO	23	VK	TS8	SO	38	VK	RL	S7	38	VK	XMB	S6	33	VK	TRN	S8	38	VK	B'4	MISC	533	VK	VF3	MISC	408	VK	RI	R2	15	VK					8
7	VF'2	RO	22	VK	TS7	SO	37	VK	**JXP1	S8	35	**	XCL	S6	30	VK	NE	S8	37	VK	B'2	MISC	532	VK	VF2	MISC	407	VK	BM	R2	14	VK					7
6	VF'1	RO	21	VK	TS6	SO	36	VK	LK	S8	49	VK	XCR	S6	31	VK	NR	S7	34	VK	B'1	MISC	531	VK	VF1	MISC	406	VK	*RPAB	S7	17	*					6
5	VF'0	RO	20	VK	TS5	MISC	245	VK	RK	S8	50	VK	XTV	S6	36	VK	ROA	S7	10	VK	B'0	MISC	530	VK	VF0	MISC	405	VK	*RPB	S7	16	*					5
4	HG'7	RO	19	VK	TS4	MISC	244	VK	TK	S8	51	VK	XOB	S6	35	VK	TOG	S7	8	VK	A'7	R8	4	VK	HG7	MISC	419	VK	AMA	S2	28	VK					4
3	HG'4	RO	18	VK	TS3	MISC	243		DCT2	S7	50	VK	XPTN	S5	45	VK	TER	S7	9	VK	A'4	R8	3	VK	HG4	MISC	418	VK	DL6	R5	20	VK					3
2	HG'2	RO	17	VK	TS2	MISC	242		DCT1	S7	47	VK	XPG	S5	44	VK	SOG	S7	7	VK	A'2	MISC	515	VK	HG2	MISC	417	VK	CL6	R5	27	VK					2
1	HG'1	RO	16	VK	TS1	MISC	241		RO'	S2	29	VK	*XFTT	S5	36	*	ITR	S7	5	VK	A'1	MISC	505	VK	HG1	MISC	416	VK	NOK	R4	37	VK					1
0	HG'0	RO	15	VK	TSO	MISC	240		LXP1	S8	36	VK	XFUT	S5	37	VK	**	R1	29	**	A'0	MISC	495	VK	HGO	MISC	415	VK	SCT								0

*SEE TABLE 51B
**SEE TABLE 51C

DRAWING ISSUE
4 3D
58A
52D CF
68D
70D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D41

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO

TABLE 51A (CONT)
(FOR TABLE I)

CONTACT OR TERM.	RELAYS OR TERM. STRIPS																																				CONTACT OR TERM.
	B2				B3				C0				C1				C2				C3				T0				T1								
	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	LEAD DESIG	FRAME LOCAL CABLE CONNECT TO REL OR T S	FRAME LOCAL CABLE CONNECT TO CONT OR TERM.	OPT	
59	NGK	R4	23	VK	UT7	MISC	149	VK	OTT	R4	38	VK	L1	R2	19	VK	**TM	S8	30	**	SC	MISC	375	VK					TCH9								59
58	PK	S3	2	VK	UT4	MISC	148	VK	NDT			VK	RCK2	R2	23	VK	TMK1				TVT	MISC	176	VK	TFA				TCH8								58
57	PD	S3	1	VK	UT2	MISC	147	VK	TP1	R4	33	VK	SRK	R2	22	VK	TMK				LST	MISC	376	VK	NOBT				TCH7								57
56	PS	S3	0	VK	UT1	MISC	146	VK	*SL			*	**TK	R4	27	*					L5D	MISC	379	VK	O₀ST				TCH6								56
55	**M7	R5	28	**	UTO	MISC	145	VK	LCK	S8	46	VK	TCK1	R2	20	VK	MPT	S3	27	VK	5DG	MISC	378	VK	SRT OR SR11				TCH5								55
54	**L7	R7	24	**	*BR7	R6	29	*	HGK	S7	36	VK	TBH	R2	17	VK	NTT	S3	26	VK	4DG	MISC	377	VK	RBT				TCH4								54
53	**L4	R7	23	**	*BR4	R6	28	*	FTT3	S4	33	VK	OFH	R2	8	VK	MRL	S7	55	VK	*PRCY	R3	29	*	TDCT				TCH3								53
52	**L2	R7	22	**	*BR2	R6	27	*	FTT2	S4	32	VK	BY	R2	7	VK	AL	R5	37	VK	CRR2	R5	46	VK	MO1				TCH2								52
51	**L1	R7	21	**	*BR1	R6	26	*	FTT1	S4	31	VK	OV	R2	6	VK	DCT	S7	46	VK	CRR1	R5	45	VK	TB				TCH1								51
50	**L0	R7	20	**	*BR0	R6	25	*	FTTO	S4	30	VK	TNK	R4	26	VK	FTCK	S8	40	VK	CRR0	R5	44	VK	SB				TCHO								50
49	K7	MISC	424	VK	TT7	MISC	144	VK	FUT9	S4	43	VK	*FNB	R2	5	*	RBT1				NOB'	S2	27	VK	EXT				MT7								49
48	**K4	R7	18	**	TT4	MISC	143	VK	FUT8	S4	42	VK	*FNA	R2	4	*	TRL2				OBS'	S2	26	VK	OSC				MT9K								48
47	**K2	R7	17	**	TT2	MISC	142	VK	FUT7	S4	41	VK	*EXG	MISC	367		DIS1	S7	54	VK	SSB	S1	7	VK	ROG				LLJ								47
46	**K1	R7	16	**	TT1	MISC	141	VK	FUT6	S4	40	VK	*EXB	MISC	366		M	S3	22	VK	SSA	S1	6	VK	LLI				KJSQ								46
45	**K0	R7	15	**	TTO	MISC	140	VK	FUT5	S4	39	VK	*HTR	S7	42	*	RCT15	S4	59	VK	GS5	R5	36	VK	TSK				JSQ5								45
44	J7	MISC	474	VK	*AR7	R2	29	*	FUT4	S4	38	VK	RA	S8	54	VK	RCT14	S4	58	VK	GS4	R5	35	VK	MT12				JSQ4								44
43	J4	MISC	473	VK	*AR4	R2	28	*	FUT3	S4	37	VK	MAK1	S8	43	VK	RCT13	S4	57	VK	GS3	R5	34	VK	RCT				JSQ3								43
42	J2	MISC	472	VK	*AR2	R2	27	*	FUT2	S4	36	VK	TRL	S7	52	VK	RCT12	S4	56	VK	GS2	R5	33	VK	TSE2				JSQ2								42
41	J1	MISC	471	VK	*AR1	R2	26	*	FUT1	S4	35	VK	TC1	S8	34	VK	RCT11	S4	55	VK	GS1	R5	32	VK	TSE1				JSQ1								41
40	J0	MISC	470	VK	*ARO	R2	25	*	FUTO	S4	34	VK	TRS	MISC	358	VK	RCT10	S4	54	VK	SON	S7	11	VK	FTC				JSQ0								40
39	H7	MISC	464	VK	HT7	S5	19	VK	FLG	S7	14	VK	*TR2	S4	15	*	RCT9	S4	53	VK	OSK	S1	14	VK	S9				MT8K								39
38	H4	MISC	463	VK	HT4	S5	18	VK	CGT	S7	30	VK	*TRK	S4	14	*	RCT8	S4	52	VK	OSE	S1	13	VK	S8				MT5								38
37	H2	MISC	462	VK	HT2	S5	17	VK	CON	S7	44	VK	MLF	S7	0	VK	RCT7	S4	51	VK	ONN	R7	40	VK	S7				MT3K								37
36	H1	MISC	461	VK	HT1	S5	16	VK	TCHK	S8	48	VK	MF	S7	2	VK	RCT6	S4	50	VK	NOB	MISC	371	VK	S6				CTA2								36
35	H0	MISC	460	VK	HTO	S5	15	VK	STP2	R5	31	VK	D	S7	1	VK	RCT5	S4	49	VK	OBS	MISC	372	VK	S5				CTA1								35
34	G7	MISC	454	VK	CL8	R4	41	UP	STP1	R5	30	VK	CU7	RO	29	VK	RCT4	S4	48	VK	CP7	MISC	384	VK	DIS				CTA0								34
33	G4	MISC	453	VK	*TSC5				BST				CU4	RO	28	VK	RCT3	S4	47	VK	CP4	MISC	383	VK	S3T				LHMT								33
32	G2	MISC	452	VK					FCK	S8	39	VK	CU2	RO	27	VK	RCT2	S4	46	VK	CP2	MISC	382	VK	ALT				LHM								32
31	G1	MISC	451	VK	*TCB				TLH				CU1	RO	26	VK	RCT1	S4	45	VK	CP1	MISC	381	VK	TBT				CSG2								31
30	GO	MISC	450	VK	*TCA				DTK	S8	55	VK	CUO	RO	25	VK	RSK	R2	18	VK	CPO	MISC	380	VK	MTIK				CSG1								30
29	F7	MISC	479	VK	TT	S4	1	VK	HGT9	S3	54	VK	CS29	MISC	669	VK	RS9	R7	39	VK	MB7	MISC	389	VK	S4				THGT9								29
28	F4	MISC	478	VK	FVD	S4	2	VK	HGT8	S3	53	VK	CS28	MISC	668	VK	RS8	R7	38	VK	MB4	MISC	388	VK	S3				THGT8								28
27	F2	MISC	477	VK	LT	S4	0	VK	HGT7	S3	52	VK	CS27	MISC	667	VK	RS7	R7	37	VK	MB2	MISC	387	VK	S2				THGT7								27
26	F1	MISC	476	VK	11	S4	4	VK	HGT6	S3	51	VK	CS26	MISC	666	VK	RS6	R7	36	VK	MB1	MISC	386	VK	S1				THGT6								26
25	FO	MISC	475	VK	X11	S4	3	VK	HGT5	S3	50	VK	CS25	MISC	665	VK	RS5	R7	35	VK	MBO	MISC	385	VK	SO				THGT5								25
24	E7	MISC	469	VK	LT1	S4	15	UC	HGT4	S3	49	VK	CS24	MISC	664	VK	RS4	R7	34	VK	RN7	MISC	394	VK	TRR				THGT4								24
23	E4	MISC	468	VK	LT2	R4	42	UP	HGT3	S3	48	VK	CS23	MISC	663	VK	RS3	R7	33	VK	RN4	MISC	393	VK	TRL1				THGT3								23
22	E2	MISC	467	VK	THT1	S4	26	UU	HGT2	S3	47	VK	CS22	MISC	662	VK	RS2	R7	32	VK	RN2	MISC	392	VK	OC1				THGT2								22
21	E1	MISC	466	VK	THTO	S4	25	UU	HGT1	S3	46	VK	CS21	MISC	661	VK	RS1	R7	31	VK	RN1	MISC	391	VK	TR1				THGT1								21
20	EO	MISC	465	VK	CL7	R4	40	UP	HGTO	S3	45	VK	CS20	MISC	660	VK	RSO	R7	30	VK	RNO	MISC	390	VK	NTH				THGTO								20
19	D7	MISC	459	VK	OB	S4	6	VK	VFT4	S3	59	VK	CS19	MISC	659	VK	HF				*9FP			*	LK3				TVFT4								19
18	D4	MISC	458	VK	OA	S4	5	VK	VFT3	S3	58	VK	CS18	MISC	658	VK	NT	S3	25	VK	*8MP			*	MT10K				TVFT3								18
17	D2	MISC	457	VK	RP	R4	34	VK	VFT2	S2	57	VK	CS17	MISC	657	VK	NH	S3	28	VK	*7TP			*	MT2K				TVFT2								17
16	D1	MISC	456	VK	TP	R4	32	VK	VFT1	S3	56	VK	CS16	MISC	656	VK	NN	S3	29	VK	*6FT			*	S1B				TVFT1								16
15	DO	MISC	455	VK	TC	R4	30	VK	VFTO	S3	55	VK	CS15	MISC	655	VK	*NC	S3	24	*	*5MT			*	S2A				TVFTO								15
14	C7	MISC	449	VK	*OSG9	S1	27	*	VFT	S6	56	VK	CS14	MISC	654	VK					*4TT			*	LK2				VGA								14
13	C4	MISC	448	VK	*OSG8	S1	26	*	*VGT13	S3	43	*	CS13	MISC	653	VK	*CGB			*	*3FB			*	G				TVGT13								13
12	C2	MISC	447	VK	*OSG7	S1	25	*	*VGT12	S3	42	*	CS12	MISC	652	VK	*CGA			*	*2MB			*	RC				TVGT12								12
11	C1	MISC	446	VK	*OSG6	S1	24	*	VGT11	S3	41	VK	CS11	MISC	651	VK	*FAB	R5	54	*	*1TB			*	CKG2				TVGT11								11
10	CO	MISC	445	VK	*OSG5	S1	5	*	VGT10	S3	40	VK	CS10	MISC	650	VK	*FAA	R5	53	*	SLCK	R3	20	VK	CKG1				TVGT10								10
9	B7	MISC	444	VK	RNK	S1	19	VK	VGT9	S3	39	VK	CS9	MISC	649	VK	DCT3	S7	51	VK	PBX1	R4	29	VK	TOS4				TVGT9								9
8	B4	MISC	443	VK	CR	S3	3	VK	VGT8	S3	38	VK	CS8	MISC	648	VK	LK1	S7	48	VK	GPB	R5	39	VK	TOS3				TVGT8								8
7	B2	MISC	442	VK	SCK	S3	5	VK	VGT7	S3	37	VK	CS7	MISC	647	VK	SCB	S7	15	VK	GPA	R5	38	VK	TOS2				TVGT7								7
6	B1	MISC	441	VK	SCN	S3	4	VK	VGT6	S3	36	VK	CS6	MISC	646	VK	TSE	S8	45	VK	CNR	S3	10	VK	TOS1				TVGT6								6
5	BO	MISC	440	VK	CNS	R5	43	VK	VGT5	S3	35	VK	CS5	MISC	645	VK					QCN	S5	14	VK	TOSO				TVGT5								5
4	A7	MISC	439	VK	ROT				VGT4	S3	34	VK	CS4	MISC	644	VK	*LDT	S7	59	*	ECN	S5	13	VK	TTC				TVGT4								4
3	A4	MISC	438	VK	AVK1	S1	22	VK	VGT3	S3	33	VK	CS3	MISC	643	VK	*SDT	S7	58	*	OR	S4	9	VK	TRT				TVGT3								3
2	A2	MISC	437	VK	TST	S3	21	VK	VGT2	S3	32	VK	CS2	MISC	642	VK	*WT	S7	57	*	**FAD			**	TTT				TVGT2								2
1	A1	MISC	436	VK	BT	S7	53	VK	VGT1	S3	31	VK	CS1	MISC	641	VK	**OBS2	S4	17	**	**HFA			**	BLC				TVGT1								1
0	AO	MISC	435	VK	MON				VGTO	S3	30	VK	CSO	MISC	640	VK	*OBS1	S4	16	**	*NAMA			*	F				TVGTO								0

*SEE TABLE 51B
**SEE TABLE 51C

DRAWING ISSUE 43D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) | SD-25805-01-D42

BELL TELEPHONE LABORATORIES INCORPORATED | SIZE 6S

STABILOKE

TABLE 51B
OPTIONAL CONNECTIONS
(FOR TABLE 51A)

RELAY DESIG	TERM. NO.	LEAD DESIG	LOC TABLE CONN TO	OPTION
A0	36	HTR	S7-42	Z5,VK
A2	16	XAP	S5-56	R,VK
	25	PTX	R4,27	XM,VK
A3	1	XFTT	S5-58	ZK,VK
	11	XRCT	S5-38	
	58	FNA	R2-4	A,VK
	59	FNB	R2-5	
A4	47	JXPA	S4,49	WN,VK
	48	EN	R2-21	YT,VK
B0	38	AN	R3-28	YL,VK
	39	XAN	S5-56	ZL,VK
B1	5	RPB	S7-16	Q,VK
	6	RPAB	S7-17	
	35-39	RPO-4	S6-14 TO 18	ZM,VK
	40	RPSA	S7-18	ZQ,VK
	44	FAC	S4-14	YV,VK
	47	PCR	S5-10	S,VK
	48	PCD	S5-11	
	49	PCD1	S5-12	
	55	2DT	S7-4	ZO,VK
B3	10	OSG5	S1-5	YR,VK
	11	OSG6	S1-24	
	12	OSG7	S1-25	
	13	OSG8	S1-26	
	14	OSG9	S1-27	
	30	TCA		WG
	31	TCB		
	33	TSC5		WF
	40-44	3RO-7	R2-25-29	ZV,VK
	50-54	3RO-7	R6-25-29	
C0	12	VGT12	S3,42	ZK,XA
	13	VGT13	S3,43	VK
	56	SL	S7-40	E,VK
		SL	MTR-7T	B,VK
C1	38	TRK	S4-14	YU,VK
			R2-33	YV,VK
	39	TR2	S4-15	YU,VK
			R2-34	YV,VK
	45	HTR	S7-42	ZT,VK
	46	EXB	MISC 366	
	47	EXG	MISC 367	
	48	FNA	R2-4	ZA,VK
	49	FNB	R2-5	
	56	PTK	R4,27	XQ,VK
C2	2	WT	S7-57	ZY,VK
	3	SDT	S7-58	
	4	LDT	S7-59	
	10	FAA	R5-53	YA,VK
	11	FAB	R5-54	
	12	CGA	S3,42	YZ,VK
	13	CGB	S3,43	
	15	NC	S3-24	ZK,VK
C3	0	NAMA		ZI,VK
	11	ITB	R7-41	YS,VK
		ISE		YT,VK
	12	2MB	R7-42	YS,VK
		2SA		YT,VK
	13	3FB	R7-43	YS,VK
		3NA		YT,VK
	14	4TT	R7-44	YS,VK
		4NE		YT,VK
	15	5MT	R7-45	YS,VK
		5ST		YT,VK
	16	6F7	R7-46	YS,VK
		6NT		YT,VK
	17	7TP	R7-47	YS,VK
		7RN		YT,VK
	18	8MP	R7-48	YS,VK
		8SP		YT,VK
	19	9FP	R7-49	YS,VK
		9NP		YT,VK
	53	PRCY	R3-29	YO,VK

TABLE 51C
RECORD OF CONNECTIONS
(FOR TABLE 51A)

RELAY DESIG	TERM. NO.	LEAD INDEX	L.C. CONN TO	OPTION	RATING	RATED ON ISS
B2	45	K0	R7-15	YP,VK	MD	12D
			MISC 420	YQ,VK	STD	
	46	K1	R7-16	YP,VK	MD	
			MISC 421	YQ,VK	STD	
	47	K2	R7-17	YP,VK	MD	
			MISC 422	YQ,VK	STD	
	48	K4	R7-18	YP,VK	MD	
			MISC 423	YQ,VK	STD	
	50	L0	R7-20	YP,VK	MD	
			MISC 430	YQ,VK	STD	
	51	L1	R7-21	YP,VK	MD	
			MISC 431	YQ,VK	STD	
	52	L2	R7-22	YP,VK	MD	
			MISC 432	YQ,VK	STD	
	53	L4	R7-23	YP,VK	MD	
			MISC 433	YQ,VK	STD	
	54	L7	R7-24	YP,VK	MD	
			MISC 434	YQ,VK	STD	
	55	M7	R5-28	YP,VK	MD	
			MISC 429	YQ,VK	STD	
A1	21	RK1	S8,56	WN,VK	MD	21A
		ORK		WN,VK	A&M	
A2	7	CHE	S8,35	WN,VK	MD	
		JXP1		WN,VK	A&M	
C3	1	TOB1		WK,VK	MD	
		HFA		WJ,VK	A&M	
	2	TOB2		WK,VK	MD	
		FAD		WJ,VK	A&M	
A4	0	PSR	R1,29	WR,VK	MD	
C2	0	OBS1	S4,16	WZ,VK	MD	
		TOBS		WL,VK	A&M	
	1	OBS2	S4,17	WZ,VK	MD	
		TOB		WL,VK	A&M	
	59	TM	S8,30	VK	A&M	23D
			C1C-7B	VJ		
B5	23	SEF	MTR-9T	VJ	A&M	26A
B3	24	LT1	S4,15	UC	STD	29D
	20	CL7	R4,40	UP		36D
	21	THTO	S4,25	UU		
	22	THT1	S4,26	UU		
	23	LT2	R4,42	UP		
	34	CL8	R4,41	UP		
A4	46	XSC	R3,54	TD	A&M	39D
A0	37	LTR	37,41	WM,VK,	MD	21A
		LXPA		WN,VK	A&M	
	40	JC0	JC0 3B	RN	A&M	50AC
			MTRA 2T	RO	STD	
	41	JC1	JC1 3B	RN	A&M	
			MTRA 1B	RO	STD	
	42	JC2	JC2 3B	RN	A&M	
			MTRA 4T	RO	STD	
	43	JC3	JC3 3B	RN	A&M	
			MTRA 3B	RO	STD	
	44	JC4	JC4 3B	RN	A&M	
			MTRA 6T	RO	STD	
	45	JC5	JC5 3B	RN	A&M	
			MTRA 5B	RO	STD	
	46	JC6	JC6 3B	RN	A&M	
			MTRA 8T	RO	STD	
	47	JC7	JC7 3B	RN	A&M	
			MTRA 7B	RO	STD	
	48	JC8	JC8 3B	RN	A&M	
			MTRA 10T	RO	STD	
	49	JC9	JC9 3B	RN	A&M	
			MTRA 9B	RO	STD	
	55	RF	RF 3B	RN	A&M	
			MTRA 11B	RO	STD	
	56	EF	EF 3B	RN	A&M	
			MTRA 12T	RO	STD	

TABLE 76A
(FOR TABLE I)

TERM. OR CONTACT NUMBERS	TERM. STRIP OR RELAYS V0 LEAD DESIG	V1 LEAD DESIG	V2 LEAD DESIG	V3 LEAD DESIG	W0 LEAD DESIG
59	RST9	RL	SW7	F7	SPL
58	RST8	TRS	SR4	F4	PT1
57	RST7	TR	SW2	F2	PA
56	RST6	TIC	SW1	F1	DTN
55	RST5	OFT	SW0	F0	P
54	RST4	CIFAT	VG7	J7	B'7
53	RST3	DTK OR DTK1	VG4	J4	B'4
52	RST2	CK	VG2	J2	B'2
51	RST1	CIFA	VG1	J1	B'1
50	RST0	RB	VG0	J0	B'0
49	U9	EXT	VF4	E7	RDL
48	U8	BY OR 4L	VF3	E4	XT
47	U7	IC	VF2	E2	ICK
46	U6	TM2	VF1	E1	TCT
45	U5	TM1	VF0	E0	DTKA
44	U4	CI4T	VG10	H7	C'7
43	U3	CI3T	FT3	H4	C'4
42	U2	CI2T	FT2	H2	C'2
41	U1	CI1T	FT1	H1	C'1
40	U0	X2P	FT0	H0	C'0
39	T9	XCK	FU7	D7	UK
38	T8	XVG	FU4	D4	DS
37	T7	XET	FU2	D2	CMB
36	T6	XVF	FU1	D1	P1
35	T5	XOF	FU0	D0	A'2
34	T4	X	RN7	G7	D'7
33	T3	XTKK	RN4	G4	D'4
32	T2	XRL	RN2	G2	D'2
31	T1	X1C	RN1	G1	D'1
30	T0	X1CK	RN0	G0	D'0
29	HN9	XNL	MB7	C7	TBL
28	HN8	XP	MB4	C4	RU
27	HN7	XRB	MB2	C2	IR
26	HN6	XU	MB1	C1	C
25	HN5	XRST	MB0	C0	
24	HN4	RLR	CP7	B7	E'7
23	HN3	TET	CP4	B4	E'4
22	HN2	DNK	CP2	B2	E'2
21	HN1	TOK	CP1	B1	E'1
20	HNQ	OF	CP0	B0	E'0
19	TH9	TBY	LSD	A7	
18	TH8	TGR	SDG	A4	BY
17	TH7	TEA	40G	A2	FABC
16	TH6	CI4	LST	A1	PT
15	TH5	CI3	SC	A0	A'0
14	TH4	CI2	RPT	L7	F'7
13	TH3	CI1	TPT	L4	F'4
12	TH2	P5	OBS	L2	F'2
11	TH1	IRY	NOB	L1	F'1
10	TH0	TSL	2TR	L0	F'0
9	CK7	RLA	1TR	M7	
8	CK4	RK	CKG	TTT	
7	CK2	MOA	EXG	OFT2	
6	CK1	TRA	EXB	OFT1	
5	OFF5	DIST	OFF9	OFT0	
4	OFF4	MC	OFF8	K7	
3	OFF3	OP1	OFF7	K4	
2	OFF2	TNO	OFF6	K2	
1	OFF1	TOP	FACK	K1	
0	OFF0	TIK	FABC OR 2L	K0	

DRAWING ISSUE
43D
52D
58A

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-D43
BELL TELEPHONE LABORATORIES INCORPORATED
SHEET 6S
PRINTED IN U.S.A.

STABILOKE

(VN) TABLE 76B

SWITCHBOARD CABLE FROM TRANSVERTER RELAYS 0-5
(PER FIG.26) ON AMTC FR-J28153C TO SAMTC FR FOR CROSS CONNECTION
TO SCANNING RELAYS (PER FIG.152) AND LOCAL CABLE MULTIPLE
TO TRANSVERTER RELAYS 6-9 (PER FIGS. 153 & 154)

FROM FIG.76 ON AMTC FR		TO CAD.136 ON SAMTC FR	FROM FIG.76 ON AMTC FR		TO CAD.136 ON SAMTC FR	FROM FIG.76 ON AMTC FR		TO CAD.136 ON SAMTC FR	FROM FIG.76 ON AMTC FR		TO CAD,136 ON SAMTC FR	FROM FIG.76 ON AMTC FR		TO CAD.136 ON SAMTC FR	FROM FIG.76 ON AMTC FR		TO CAD.136 ON SAMTC FR
TERM. STRIP	TERM. NUMBER	LEAD & TERM. STRIP DESIG	TERM. STRIP	TERM. NUMBER	LEAD & TERM. STRIP DESIG	TERM. STRIP	TERM. NUMBER	LEAD & TERM. STRIP DESIG	TERM. STRIP	TERM. NUMBER	LEAD & TERM. STRIP DESIG	TERM. STRIP	TERM. NUMBER	LEAD & TERM. STRIP DESIG	TERM. STRIP	TERM. NUMBER	LEAD & TERM. STRIP DESIG
UNASSIGNED		54	V3	08	54		29	54	V1	01	54		54	54		59	54
		53	VO	07	53		28	53		39	53		53	53		58	53
		52		06	52		27	52		38	52	V4	52	52		57	52
		51		58	51		26	51		37	51		51	51		56	51
		50		57	50		25	50		36	50		50	50		55	50
		44		56	44		24	44		35	44		42	44		49	44
		43		54	43		23	43		29	43		41	43	W0	48	43
		42		53	42		22	42		28	42	V3	7	42		47	42
V1	46	41		52	41		21	41		27	41		6	41		46	41
	45	40		51	40		20	40		26	40		5	40		45	40
	34	34		50	34		39	34		25	34	V2	5	34		39	34
V2	33	33		49	33		38	33		24	33		4	33		38	33
	32	32		48	32		37	32		23	32		3	32	UNASSIGNED		32
	31	31		47	31		36	31	V2	22	31		2	31		36	31
	30	30	V1	44	30	V0	35	30		21	30	UNASSIGNED		30		35	30
	54	24		43	24		34	24		20	24		24	24	W0	29	24
	53	23		42	23		33	23		19	23		23	23		28	23
	52	22		41	22		32	22		18	22		22	22		37	22
	51	21		40	21		31	21		17	21		21	21		26	21
	50	20		39	20		30	20		16	20		20	20	UNASSIGNED		20
	44	14		33	14		49	14		14	14		14	14			14
	43	13		32	13		48	13		13	13		13	13			13
V3	42	12	V4	31	12		47	12		01	12		12	12			12
	41	11	V1	30	11		46	11		00	11		11	11	W0	16	11
	40	10	V4	30	10		45	10		09	10	V4	10	10		15	10
	34	04		28	04		44	04		14	04		04	04	UNASSIGNED		04
	33	03	V1	27	03		43	03		13	03		03	03			03
	32	02		26	02		42	02	V3	12	02		02	02			02
	31	01	UNASSIGNED		01		41	01		11	01		01	01			01
	30	00	V1	23	00		40	00		10	00		00	00			00
	59	54		21	54		54	54		19	54	UNASSIGNED		54		54	54
	58	53		17	53		53	53		20	53			53		53	53
	57	52		16	52	V4	52	52		29	52					52	52
	56	51		15	51		51	51		25	51			51		51	51
	55	50		14	50		50	50	V1	34	50		24	50		50	50
	49	44		13	44			44		35	44		31	44		44	44
	48	43		12	43			43		36	43		22	43		43	43
	47	42	V1	11	42			42		37	42	V1	18	42		42	42
	46	41		09	41			41		38	41		10	41		41	41
	45	40		08	40			40	V4	44	40		02	40		40	40
	39	34		07	34			34	V1	45	34		59	34		34	34
	38	33		06	33			33		55	33		58	33		33	33
	37	32		05	32			32		09	32		57	32		32	32
	36	31		04	31			31		08	31		56	31	W0	31	31
V3	35	30		03	30	UNASSIGNED		30		05	30	V6	55	30		30	30
	29	24		00	24			24		04	24		44	24		24	24
	28	23		15	23			23		03	23		54	23		23	23
	27	22		12	22			22		02	22		53	22		22	22
	26	21		11	21			21		01	21		52	21		21	21
	25	20	V2	10	20			20	VO	00	20		51	20		20	20
	24	14		09	14		59	14		19	14	V2	50	14		14	14
	23	13		07	13		58	13		18	13		49	13		13	13
	22	12		06	12		57	12		17	12		48	12		12	12
	21	11	V1	59	11		56	11		16	11		47	11		11	11
	20	10	V2	08	10	VO	55	10		15	10		46	10		10	10
	19	04		04	04		54	04		14	04		45	04			04
	18	03		03	03		53	03		13	03		43	03			03
	17	02	V3	02	02		52	02		12	02		42	02			02
	16	01		01	01		51	01		11	01		41	01			01
	15	00		00	00		50	00		10	00		40	00	UNASSIGNED		00

DRAWING ISSUE 430 (CML Ltr 449)

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-D44
BELL TELEPHONE LABORATORIES INCORPORATED	SHEET NO. 6S

SD-25805-01-D44

STABILO K&E

TABLE 76C

SWITCHBOARD CABLE FROM TRANSVERTER RELAYS 0-5
(PER FIG. 26) ON AMTC FR-J28153C TO SAMTC FR FOR CROSS CONNECTION
TO SCANNING RELAYS (PER FIG. 152) AND LOCAL CABLE MULTIPLE
TO TRANSVERTER RELAYS 6-9 (PER FIGURES 153 & 154)
FOR MAGNETIC TAPE AMA RECORDING

FROM FIG. 76 ON AMTC FR		TO CAD 136 ON SAMTC FR		FROM FIG. 76 ON AMTC FR		TO CAD 136 ON SAMTC FR		FROM FIG. 76 ON AMTC FR		TO CAD 136 ON SAMTC FR		FROM F10. 76 ON AMTC FR		TO CAD 136 ON SAMTC FR		FROM FIG. 76 ON AMTC FR		TO CAD 136 ON SAMTC FR		FROM FIG. 76 ON AMTC FR		TO CAD 136 ON SAMTC FR	
TERM. STRIP	TERM. NO.	LEAD & TERM. STRIP	DESIG	TERM. STRIP	TERM. NO.	LEAD & TERM. STRIP	DESIG	TERM. STRIP	TERM. NO.	LEAD & TERM. STRIP	DESIG	TERM. STRIP	TERM. NO.	LEAD & TERM. STRIP	DESIG	TERM. STRIP	TERM. NO.	LEAD & TERM. STRIP	DESIG	TERM. STRIP	TERM. NO.	LEAD & TERM. STRIP	DESIG
UNASSIGNED			54	V3	08		54		29		54	V1	01		54		54		54	W0	59		54
			53	V0	07		53		28		53		39		53		53	UNASSIGNED			53
			52		06		52		27		52		38		52		52				52
			51		58		51		26		51		37		51	V4	51		51				51
			50		57		50		25		50		36		50		50		50				50
	34		44	V1	56		44		24		44		35		44		42		44	W0	49		44
V4	33		43		54		43		23		43		29		43		43		43				43
	32		42		53		42		22		42		28		42		07	UNASSIGNED	42				42
V1	46		41	UNASSIGNED			41		21		41		27		41	V3	06		41				41
	45		40	V1	51		40		20		40		26		40		05		40				40
	34		34		50		34		39		34		25		34		05		34				34
	33		33	UNASSIGNED			33		38		33		24		33		04		33				33
V2	32		32		48		32		37		32		23		32	V2	03		32				32
	31		31		47		31		36		31	V2	22		31		02		31				31
	30		30	V1	44	V3	30	V0	35	V5	30		21	V7	30	UNASSIGNED		V9	30	W0	35	W1	30
	54	V1	24		43		24		34		24		20		24		24		24	UNASSIGNED			24
	53		23		42		23		33		23		19		23		23		23	W0	28		23
	52		22		41		22		32		22		18		22		22		22				22
	51		21		40		21		31		21		17		21		21		21				21
	50		20		39		20		30		20		16		20		20		20				20
	44		14		33		14		49		14		14		14		14		14				14
	43		13		32		13		48		13		13		13		13		13				13
V3	42		12	V4	31		12		47		12		01		12	V4	12		12				12
	41		11	V1	30		11		46		11		00		11		11		11				11
	40		10	V4	30		10		45		10		09		10		10		10				10
	34		04		28		04		44		04		14		04		04		04				04
	33		03	V1	27		03		43		03	V3	13		03		03		03				03
	32		02		26		02		42		02		12		02		02		02				02
	31		01	UNASSIGNED			01		41		01		11		01		01		01				01
	30		00	V1	23		00		40		00		10		00		00		00				00
	59		54	V1	21		54		54		54		19		54				54				54
	58		53		17		53		53		53		20		53				53				53
	57		52	UNASSIGNED		V4	52		52		52		29		52				52				52
	56		51				51		51		51		25		51				51				51
	55		50		14		50		50		50	V1	34		50		24		50				50
	49		44		13		44		44		44		35		44		31		44				44
	48		43		12		43		43		43		36		43	V1	22		43				43
	47		42		11		42		42		42		37		42		18		42				42
	46		41		09		41		41		41		38		41		10		41				41
	45		40		08		40		40	V4	40		44		40		02		40				40
	39		34	V1	07		34		34		34	V1	43		34		59		34				34
	38		33		06		33		33		33		55		33		58		33				33
	37		32		05		32		32		32		09		32		57		32				32
	36		31		04		31		31		31		08		31		56		31				31
V3	35	V0	30		03	V2	30	UNASSIGNED		V4	30		05	V6	30		55	V8	30	UNASSIGNED		W0	30
	29		24		00		24				24		04		24		44		24				24
	28		23		15		23				23		03		23		54		23				23
	27		22		12		22				22		02		22		53		22				22
	26		21		11		21				21		01		21		52		21				21
	25		20	V2	10		20				20		00		20	V2	51		20				20
	24		14		09		14		59		14	V0	19		14		50		14				14
	23		13		07		13		58		13		18		13		49		13				13
	22		12		06		12		57		12		17		12		48		12				12
	21		11	V1	59		11		56		11		16		11		47		11				11
	20		10	V2	08		10	V0	55		10		15		10		46		10				10
	19		04		04		04		54		04		14		04		45		04				04
	18		03	V3	03		03		53		03		13		03		43		03				03
	17		02		02		02		52		02		12		02		42		02				02
	16		01		01		01		51		01		11		01		41		01				01
	15		00		00		00		50		00		10		00		40		00				00

TABLE 77A

(FOR TABLE I)

TERM. OR CONTACT NO.	(RT) TERM. STRIP OR (RTE) OR (RTO) REL	OPTION
59		
58	PTI	
57		
56	DTN	
55	P	
54	B'7	
53	B'4	
52	B'2	
51	B'1	
50	B'0	
49		
48	XTC	
47	XUI	
46	XTL	
45	HRI	
44	C'7	
43	C'4	
42	C'2	
41	C'1	
40	C'0	
39		
38	DS	
37		
36	PI	
35	A'2	
34	D'7	
33	D'4	
32	D'2	
31	D'1	
30	D'0	
29	TBL	
28	PD	
27		
26		
25	A'1	
24	E'7	
23	E'4	
22	E'2	
21	E'1	
20	E'0	
19		
18		
17	TV	
16	PT	
15	A'0	
14	F'7	
13	F'4	
12	F'2	
11	F'1	
10	F'0	
09	PTS	
08	XFI	
07	DTK	
06	IPA	
05	XTI	
04	OTO	
03	PAK	
02		
01	LC	
00	AT	YM

(VJ) TABLE 129

SWITCHBOARD CABLE FROM SUPL AUX MASTER TEST CONNECTOR FR TO MASTER TEST CONNECTOR FR - J28153A (ALSO SEE CAD 129)

FROM MISC TERM. STRIP ON MTC FR		TO CAD 111 OR 29 ON SAMTC FR		FROM MISC TERM. STRIP ON MTC FR		TO CAD 111 OR 29 ON SAMTC FR		FROM MISC TERM. STRIP ON MTC FR		TO CAD 111 OR 29 ON SAMTC FR		FROM MISC TERM. STRIP ON MTC FR		TO CAD 111 OR 29 ON SAMTC FR	
TERM. NUMBER	SHOWN ON FIG.	TERM. STRIP	TERM. NUMBER	TERM. NUMBER	SHOWN ON FIG.	TERM. STRIP	TERM. NUMBER	TERM. NUMBER	SHOWN ON FIG.	TERM. STRIP	TERM. NUMBER	TERM. NUMBER	SHOWN ON FIG.	TERM. STRIP	TERM. NUMBER
579			147												
577			146	159			349								
578			145	⋮ 152			⋮ 342								
576			144	144			339								
⋮ 572	60		⋮ 140	⋮ 140			⋮ 335								
599			139	149			334								
⋮ 592			⋮ 132	⋮ 145			⋮ 330								
590			131	137			329					704			139
588			130	120			328					⋮ 700			⋮ 135
				139			327					709			134
872	60		110	121			326					⋮ 705			⋮ 130
871			109									694			129
				129			325					⋮ 690			⋮ 125
				134			324					699			124
				135	60		323					⋮ 695			⋮ 120
				131			322					684	60		119
586			106	130			321					⋮ 680			⋮ 115
584			105	138			320					689			114
582			103	132			319					⋮ 685			⋮ 110
580			101	136			318					176			109
73			99	127			317								
70			98	133			316								
74	60		97	126			315								
77			96	128			314								
76			95	123			313								
777			94	122			312								
11			93	125			311								
48			92	124			310								
49			91												
741	91	E	90			E						540		G	72
84			89	175			305								
87			88	174			304					929			70
88			87	172			303					876			69
86			86	119	60		302					875			68
85			85	179			301					874			67
41			84	178			300					873			66
83			83	669			299					674			64
⋮ 80			⋮ 80	⋮ 640			⋮ 270					⋮ 670			⋮ 60
89			64									19			59
44			63					489			399	⋮ 12			⋮ 52
42	60		62					483			398	78			51
177			59					484			397	209	60		50
609			39	931	60		259	488			396	39			49
⋮ 606			⋮ 36	930			258	527			395	⋮ 30			⋮ 40
739			35					481	60		394	259			39
⋮ 734			⋮ 30					486			393	⋮ 250			⋮ 30
769			19					525			392	208			29
⋮ 760			⋮ 10					487		E	391				
848	81		09					505			390				
⋮ 845			⋮ 06					485			389	114			24
								497			388	⋮ 100			⋮ 10
								529			387	99			09
				639	60		199	913	89		383	93	60		08
				⋮ 620			⋮ 180	900			381	⋮ 90			⋮ 05
								173	60		380	98			04
												96			03
												95			02
69	51		01					959	89	E	369	94			01
840			00					⋮ 950			⋮ 360	849	51		00

DRAWING ISSUE

45D	DM GM MM
45D	JB DM MM

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

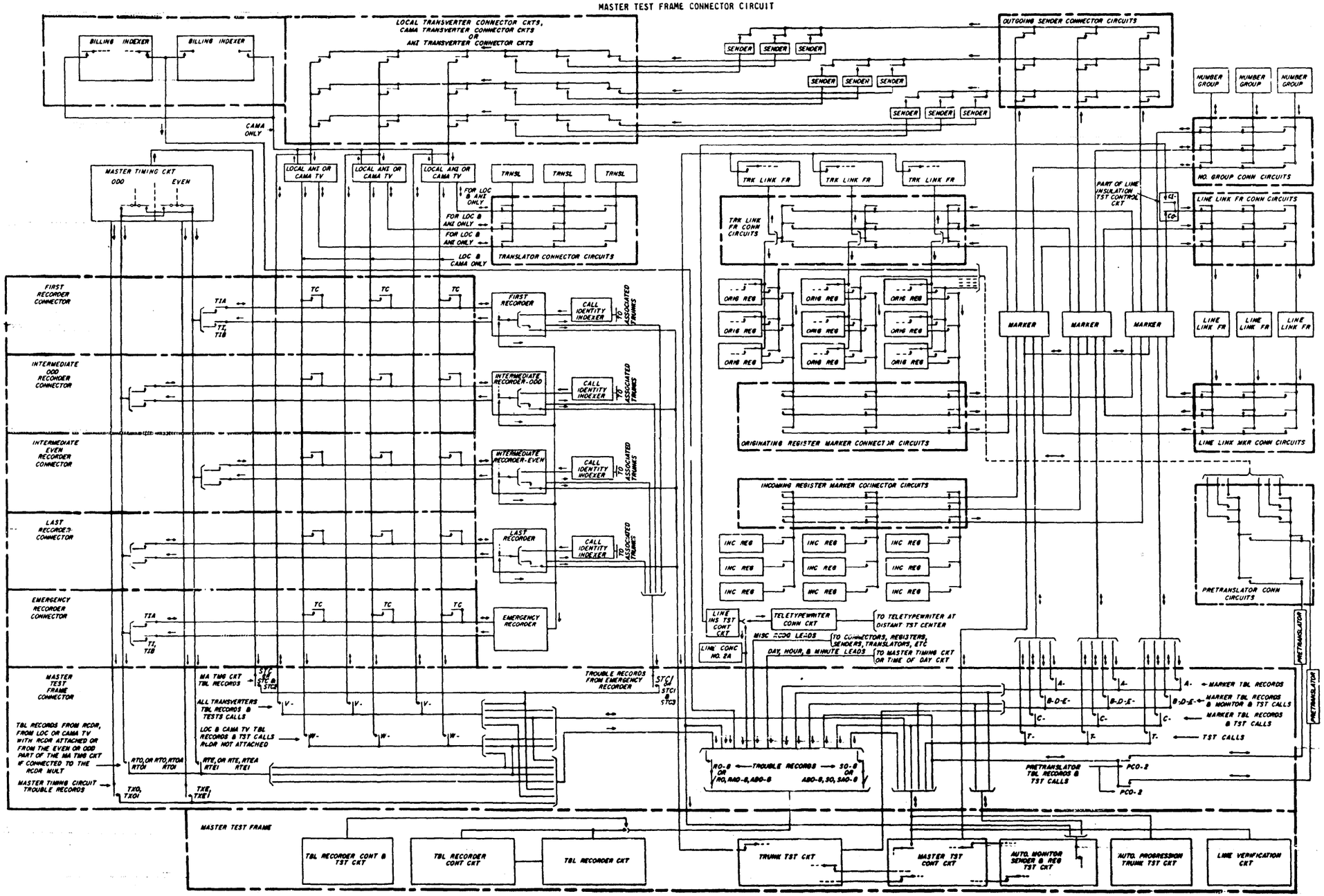
BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-D46

6S

PRINTED IN U.S.A.

FIG. 201
MAJOR GROUPS OF CONNECTING LEADS
MASTER TEST FRAME CONNECTOR CIRCUIT



DRAWING ISSUE
43D
DRAWING REFURBISHED WITHOUT CHANGE 8-28-69 G.E. AHD

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D47

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SCANNING AND CONNECTOR RELAYS OPERATED IN MTF CONN FOR OFFICES HAVING SINGLE OR DOUBLE SIDED TROUBLE RECORDER CARD

TROUBLE RECORDS

TYPE OF TROUBLE RECORD OR TEST	SINGLE SIDED TROUBLE RECORDER CARD RELAYS OPERATED				DOUBLE SIDED TROUBLE RECORDER CARD CONVERTED FRAME RELAYS OPERATED: FOR FRAME WHICH HAD AMA PRIOR TO ISS 20D				DOUBLE SIDED TROUBLE RECORDER CARD CONVERTED FRAME RELAYS OPERATED: FOR FRAME HAVING AMA ADDED SUBSEQUENT TO ISS 20D				NEW STANDARD FRAME RELAYS OPERATED			
	SCAN	FIG.	CONN	FIG.	SCAN	FIG.	CONN	FIG.	SCAN	FIG.	CONN	FIG.	SCAN	FIG.	CONN	FIG.
D.T. MKR	RO, SO-8	10	A-B-C	9	RO, RAO-8, SO, SAO-8	152	A-B-C	9	RO, RAO-8, SO, SAO-8	152	A-B-C	9	RO, RAO-8, SO, SAO-8	152	A-B-C	157
			A-B-C***	8			A-B-C***	8			A-B-C***	8				
COMBINED OR COMPLETING MKR	RO, SO-8	10	A-B-C	8	ABO-8 RO,SO RAO-8 SAO-8	152	A-B-C D-E	8, 163, 164	ABO-8 RO,SO RAO-8 SAO-8	152	A-B-C D-E	8, 163, 164	ABO-8 RO,SO RAO-8 SAO-8	152	A-B-C D-E	150, 163, 164
ANI TV	RO, SO-8	10	V-	161	RO, RAO-8, SO,SAO-8	152	V-	161	RO, RAO-8 SO,SAO-8	152	V-	161	RO, RAO-8 SO,SAO-8	152	V-	161
LOCAL TV WITHOUT AMA RCDR ATTACHED RCDR CONN (TC) REL NORMAL	RO, SO-8	10	V-WO	26	RO, RAO-8, SO, SAO-8	152	V-WO (TVO-5)	26	RO, RAO-8, SO, SAO-8	152	V-W-	153, 154	RO, RAO-8, SO, SAO-8	152	V-W-	153, 154
							V-W- (TV6-9)	153, 154								
LOCAL TV WITH AMA RCDR ATTACHED RCDR CONN (TC) REL OPERATED	SO, SO-8	10	V-WO	26	RO, RAO-8, SO, SAO-8	152	V-WO (TVO-5)	26	RO, RAO-8, SO, SAO-8	152	V-W-	153, 154	RO, RAO-8, SO, SAO-8	152	V-W-	153, 154
			RT-	27			V-W- (TV6-9)	153, 154			RT-	156			RT-	156
			RT-	28			RT-	27			RT-	28			RT-	28
							RT-	28								
CAMA TV WITHOUT AMA RCDR ATTACHED RCDR CONN (TC) REL NORMAL					RO, RAO-8, SO, SAO-8	152	V-W-	153, 155	RO, RAO-8 SO, SAO-8	152	V-W-	153, 155	RO, RAO-8 SO, SAO-8	152	V-W-	153, 155
CAMA TV WITH AMA RCDR ATTACHED RCDR CONN (TC) REL OPERATED					RO, RAO-8 SO, SAO-8	152	V-	153, 155	RO, RAO-8 SO, SAO-8	152	V-	153, 155	RO, RAO-8, SO, SAO-8	152	V-	153, 155
							RT-	27			RT-	156			RT-	156
							RT-	28			RT-	28			RT-	28
MASTER TIMING CKT WITHOUT AMA RCDR ATTACHED	RO, SO-8	10	TX-	28	RO, RAO-8, SO, SAO-8	152	TX-	28	RO, RAO-8, SO, SAO-8	152	TX-	28	RO, RAO-8, SO, SAO-8	152	TX-	28
			STC	29			STC-	29			STC- STC2-	29			STC- STC2-	29
			RT-** (MAY OPERATE ALSO)	27 & 28			RT-** (MAY OPR ALSO)	27			RT-** (MAY OPR ALSO)	156			RT-** (MAY OPR ALSO)	156
AMA RCDR TROUBLE RECORD	RO, SO-8	10	RT-	27	RO, RAO-8, SO, SAO-8	152	RT-	27	RO, RAO-8, SO, SAO-8	152	RT-	156	RO, RAO-8, SO, SAO-8	152	RT-	156
			RT-	28			RT-	28			RT-	28			RT-	28
			STC1 (OPR ON CALLS FROM EMER REC)	29			STC1, STC3 (OPR ON CALLS FROM EMER REC)	29			STC1, STC3 (OPR ON CALLS FROM EMER REC)	29			STC1, STC3 (OPR ON CALLS FROM EMER REC)	29
MONITOR	RO, SO-8	10	B-	8	RO, RAO-8	152	B-	8	RO, RAO-8, SO, SAO-8	152	B-	8	RO, RAO-8, SO, SAO-8	152	B-	150
LINE INS	RO, SO-8	10			RO, RAO-8, SO, SAO-8	152			RO, RAO-8, SO, SAO-8	152			RO, RAO-8, SO, SAO-8	152		
PRETRANSLATOR	RO, SO-8	10	PC-	37	RO, RAO-8, SO, SAO-8	152	PC-	37	RO, RAO-8, SO, SAO-8		PC-	37	RO, RAO-8, SO, SAO-8	152	PC-	37

SCANNING AND CONNECTOR RELAYS OPERATED IN MTF CONN FOR OFFICES HAVING SINGLE OR DOUBLE SIDED TROUBLE RECORDER CARD

TEST CALLS

TYPE OF TROUBLE RECORD OR TEST	SINGLE SIDED TROUBLE RECORDER CARD RELAYS OPERATED				DOUBLE SIDED TROUBLE RECORDER CARD CONVERTED FRAME RELAYS OPERATED: FOR FRAME WHICH HAD AMA PRIOR TO ISS 20D				DOUBLE SIDED TROUBLE RECORDER CARD CONVERTED FRAME RELAYS OPERATED: FOR FRAME HAVING AMA ADDED SUBSEQUENT TO ISS 20D				NEW STANDARD FRAME RELAYS OPERATED			
	SCAN	FIG.	CONN	FIG.	SCAN	FIG.	CONN	FIG.	SCAN	FIG.	CONN	FIG.	SCAN	FIG.	CONN	FIG.
D.T. MKR TEST CALL	**** RO, SO-8	10	B-C-T- (IF REC IS TAKEN) A- OR B-C-T-*** (IF REC IS TAKEN A-	9 8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A- OR B-C-T-*** (IF REC IS TAKEN A-	9 8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A- OR B-C-T-*** (IF REC IS TAKEN A-	9 8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	151
COMB OR COMPL MKR ORIG REG, SDR & TRK TST CALLS OR AUTO PROG TRK TST CALLS	**** RO, SO-8	10	B-C-T- (IF REC IS TAKEN) A-	8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	150
ANI TV TEST	**** RO, SO-8	10	V-	161	**** RO, RAO-8, SO, SAO-8	152	V-	161	**** RO, RAO-8, SO, SAO-8	152	V-	161	**** RO, RAO-8, SO, SAO-8	152	V-	161
LOCAL TV TEST WITHOUT AMA RCDR ATTACHED, AMA SDR TST & LINE VERIF RCDR CONN (TC) REL NORMAL	**** RO, SO-8	10	V-WO	26	**** RO, RAO-8, SO, SAO-8	152	V-WO (TVO-5)	26	**** RO, RAO-8, SO, SAO-8	152	V-W	153, 154	**** RO, RAO-8, SO, SAO-8	152	V-W-	153, 154
							V-W- (TV6-9)	153, 154								
LOCAL TV TST WITH AMA RCDR ATTACHED RCDR CONN (TC) REL OPERATED	**** RO, SO-8	10	V- (IF REC IS TAKEN) RT- AND RT-**	26 27 28	**** RO, RAO-8 SO, SAO-8	152	V- (TVO-5) V- (TV6-9) (IF REC IS TAKEN) RT- AND RT-	26 153, 154 27 28	**** RO, RAO-8	152	V- (IF REC IS TAKEN) RT- AND RT-	153, 154 156 28	**** RO, RAO-8, SO, SAO-8	152	V- (IF REC IS TAKEN) RT- AND RT-	153, 154 156 28
CAMA TV TST WITHOUT AMA RCDR ATTACHED CAMA SDR TST RCDR CONN (TC) REL NORMAL					**** RO, RAO-8 SO, SAO-8	152	V-	153, 155	**** RO, RAO-8, SO, SAO-8	152	V-	153, 155	**** RO, RAO-8, SO, SAO-8	152	V-	153, 155
CAMA TV TST WITH AMA RCDR ATTACHED RCDR CONN (TC) REL OPERATED					**** RO, RAO-8, SO, SAO-8	152	V- (IF REC IS TAKEN) RT- AND RT-	153, 155 27 28	**** RO, RAO-8 SO, SAO-8	152	V- (IF REC IS TAKEN) RT- AND RT-	153, 154 156 28	**** RO, RAO-8 SO, SAO-8	152	V- (IF REC IS TAKEN RT- AND RT-	153, 155 156 28
PRETRANSLATOR TEST CALL	**** RO-8	10	PC-	37	**** RO, RAO-8 SO, SAO-8	152	PC-	37	**** RO, RAO-8 SO, SAO-8	152	PC-	37	**** RO, RAO-8 SO, SAO-8	152	PC-	37
LINE VERIF TST CALLS (MKR) USING LINE VERIF TST CKT	**** RO-8	10	B-C-T- (IF REC IS TAKEN) A-	8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	8	**** RO, RAO-8, SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	8	**** RO, RAO-8 SO, SAO-8	152	B-C-T- (IF REC IS TAKEN) A-	150
LINE VERIF TST CALLS (AMA) USING LINE VERIF TST CKT	**** RO-8	10	V-WO	26	**** RO, RAO-8 SO, SAO-8	152	V-WO (TVO-5) V-W- (TV6-9)	26 153, 154	**** RO, RAO-8 SO, SAO-8	152	V-W-	153, 154	**** RO, RAO-8 SO, SAO-8	152	V-W-	153, 154

*RECORDER CONNECTOR (T1), (T1A), & (T1B) RELAYS ARE OPERATED.
**THE (RT) RELAYS OPERATED CORRESPOND TO THE RECORDER MULTIPLE USED. EITHER MULTIPLE MAY BE USED WITH EVEN PART OF THE MASTER TIMING CKT OR WITH THE ODD PART.
***WHEN DIAL TONE MARKERS ARE ASSOC WITH MASTER TEST CONN FRAME OR SUPPLEMENTARY MASTER TEST CONN FRAME A-B-C- & T- CONN RELAYS (FIG.8) ARE USED. WHEN DIAL TONE MARKERS ARE ASSOC WITH SUPPLEMENTARY MASTER TEST CONN FRAME FOR DIAL TONE MARKERS, A-B-C- & T- CONN RELAYS (FIG.9) ARE USED.
****FOR ALL TESTS CALLS IF RECORD IS TAKEN.

DRAWING ISSUE 4 30 B BM 4M 4M

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D48

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D48

STABILO

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA	DIRECT CURRENT FLOW REQT TEST MA	DIRECT CURRENT FLOW REQT READJ MA	REMARKS
RELAYS																	
A0,1	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	CKT COMB. OF (A0) & (A1)
									T(REL TST)	GRD			0		235	225	PAR COMB OF (A0) & (MKA1) OPTION IW
A0-5, A6-8	263G	YW	8								1		0		73.5	70	
			9								2		0		170	160	
									T(REL TST)	GRD					275	260	PAR. COMB. OF (A4) & (P2)
									T(REL TST)	GRD			0		210	200	PAR COMB OF (A0) & (MKA1) OPTION IW
A0-5, A6-8	287A	YX	8								1		0		80	75	
			9						T(REL TST)	GRD	2		0		180	170	
															290	275	PAR. COMB. OF (A4)&(P2)
									T(REL TST)	GRD			0		225	210	PAR COMB OF (A0) & (MKA1) OPTION IW
A2-4	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (A2),(A3), & (A4)
A5-6	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	COMB. OF (A5) & (A6)
A7-9	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (A7),(A8), & (A9)
A10,11	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	PAR. COMB. OF (A10) & (A11)
															290	275	PAR. COMB. OF (A10), (A11) & (P2)
A12,13	286B		151										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	COMB. OF (A12) & (A13)
A14-16	286B		151										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (A14),(A15), & (A16)
A17	286B		151						T(A17)				0		85	80	
A80-8	AF23	U0, U1	152						U(REL TST)	GRD	3		0		73	69.5	WDG ALONE
															595	565	
ACD	AF32		199		208			L(ACD)		BAT.			0		32.5	30.5	
ACD1	AJ15		~~199~~		~~249~~				U(ACD1)	GRD			0		43	40.5	
AKT	U82	V0	44		120/120	H	35	3T(AKT)	B(AKT)	BAT.			0		13.4	12.7	
ATP	U168		44		108/106	H	47		B(ATP)	BAT.			0		19.5	18.5	
ATP1	U73		44		146/117	H	47			T(ATP1)	GRD			0		21	20

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA	DIRECT CURRENT FLOW REQT TEST MA	DIRECT CURRENT FLOW REQT READJ MA	REMARKS
B0-2	286B		150						T(REL TST)	GRD			0		85	80	WDG ALONE
													0		290	275	COMB. OF (B0),(B1), & (B2)
B0-3, B4	263G	YW	8								1		0		73.5	70	
			9										0		170	160	
									T(REL TST)	GRD	2				275	260	PAR. COMB. OF (B3) & (P1)/(B1) & (P0)
B0-3, B4	287A	YX	8								1		0		80	75	
			9						T(REL TST)	GRD	2		0		180	170	
															290	275	PAR. COMB. OF (B3) & (P1)/(B1) & (P0)
B3,4	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	PAR. COMB. OF (B3) & (B4)
															290	275	PAR. COMB. OF (B3), (B4), & (P0)
B5	287A	QA, VL, XT, PZ	8						T(B5)	GRD			0		80	75	WDG ALONE
													0		180	170	
B5-7	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (B5),(B6), & (B7)
B6	287A	XT	9						T(B5)	GRD	2		0		80	75	WDG ALONE
													0		170	160	
B8,9	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	PAR. COMB. OF (B8) & (B9)
															290	275	PAR. COMB. OF (B8), (B9), & (P1)
B10-12	286B		151										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (B10),(B11), & (B12)
BC	U675		53		161/178	H	53		T(BC)	GRD			0		35	33	
C0-2	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (C0),(C1), & (C2)
C0-3, C4,5	263G	YW	8								1		0		73.5	70	
			9						T(REL TST)	GRD	2		0		170	160	
C0-3, C4,5	287A	YX	8								1		0		80	75	
			9						T(REL TST)	GRD	2		0		180	170	

TEST NOTES:

1. EACH WINDING ALONE.
2. BOTH WINDINGS IN PARALLEL.
3. PAR. COMB. OF (AB0-8) WITH (R0-8), (RA0-8), (S0-8), AND (SA0-8) RELAYS.

DRAWING ISSUE

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-F1

BELL TELEPHONE LABORATORIES INCORPORATED

6S

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL.	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA	DIRECT CURRENT FLOW REQT TEST MA	DIRECT CURRENT FLOW REQT READJ MA	REMARKS
C3,4	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		190	180	COMB. OF (C3) & (C4)
C5-7	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (C5), (C6), & (C7)
C8-10	286B		151										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (C8), (C9) & (C10)
C11	286R		151						T(C11)	GRD			0		85	80	WDG ALONE
~~CHO~~-9	UA99		12	101/136	H	29		B(REL TST)	T(REL TST)	B/G			0		15.5	14.4	
CHO-9	293C		179										0		10		SEE NOTE 4 PAGE 10
CIC	U675		1	161/178	H	53			T(CIC)	GRD			0		35	33	
CIT	U238		1	117/145	H	47			T(CIT)	GRD			0		19.5	18.5	
CITA	U179	ZF	43	117/145	H	47			T(CITA)	GRD			0		19.5	18.5	
CN-RG 0-19	318B		173										0		14		SEE NOTE 5 PAGE 10
CSO-29	318B		174										0		14		SEE NOTE 5 PAGE 10
DO,1,2	286B	TP	163										0		85	80	WDG ALONE
									T(REL TST)				0		190	180	COMB. OF (DO) & (D1)
													0		290	275	COMB. OF (DO),(D1), & (D2)
DRO-9	293C		179										0		10		SEE NOTE 4 PAGE 10
DRAO-9	293C		179										0		10		SEE NOTE 4 PAGE 10

E-7489 (4-68) CBL-230 (10-73)

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL.	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA	DIRECT CURRENT FLOW REQT TEST MA	DIRECT CURRENT FLOW REQT READJ MA	REMARKS

DRAWING ISSUE

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-F2

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL.	CIRCUIT PREPARATION BLOCK OR INSULATE	TEST CLIP DATA CONN BAT.	TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK ma	TEST ma	READJ ma	REMARKS
EO, E1, E2	286B		57, 164						T REL TST	GRD			0		85	80	WDG ALONE
		TA	164							GRD			0		190	180	PAR. COMB. (EO) & (E1)
		SL	164							GRD			0		290	275	PAR COMP OF (EO),(E1) & (E2)
EF	U422		11	132/101	H	47		B(EF)		BAT.			0		14.4	13.7	
EF	1/2AK20		166	217				2L(EF)		BAT.			0		20.5	19.5	MTD WITH (RF)
EXB	U422		45	132/101	H	47		B(EXB)		BAT.			0		14.4	13.7	
EXB	1/2AK20		166	217				2L(EXB)		BAT.			0		20.5	19.5	MTD WITH (SEF)
FO,1	286B	RM	178						T REL TST	BAT			0		85	80	WDG ALONE
									T REL TST	GRD			0		190	180	PAR. COMB. OF (FO) & (F1)
FSO-29	318A		172										0		14		SEE NOTE 5 ON PAGE 10
FSP	U168	IX	167	108/106	H	47	B(FSP)			BAT.			0		19.5	18.5	
FUTO-9	293C		179										0		10		SEE NOTE 4 ON PAGE 10
GO(-)	286B		197						T(GO(-))	GRD			0		85	80	WDG ALONE
													0		125	120	PAR. COMB. (GO(-)) & (T8)
GO-19	318B		171										0		14		SEE NOTE 5 ON PAGE 10
HO(-)	286H		198						T(HO(-))	GRD			0		85	80	WDG ALONE
													0		125	120	PAR. COMB. (HO(-)) & (T8)
HGTO-9	293C		179										0		10		SEE NOTE 4 ON PAGE 10
HNO-9	293C		177,65										0		10		SEE NOTE 4 ON PAGE 10
HNO-9	U422		11	132/101	H	47		B REL TST		BAT.			0		14.4	13.7	
HNO,2, 4,6,8	1/2AK20		166	217				2L REL TST		BAT.			0		20.5	19.5	MTD WITH (HN1,3,5, 7,9)
HN1,3, 5,7,9	1/2AK20		166	217				2U REL TST		BAT.			0		20.5	19.5	MTD WITH (HNO,2,4, 6,8)
ITT	U732	VV	1	148/145	H	47			T(ITT)	GRD			0		22.5	21	
ITT1	U115	VV	1	113/113	H	29			T(TTT1)	GRD			0		10.4	9.9	
JCO-9	U422		11	132/101	H	47		B REL TST		BAT.			0		14.4	13.7	
JCO,2, 4,6,8	1/2AK20		166	217				2L REL TST		BAT.			0		20.5	19.5	MTD WITH (JC1,3, 5,7,9)
JC1,3, 5,7,9	1/2AK20		166	217				2U REL TST		BAT.			0		20.5	19.5	MTD WITH (JCO,2, 4,6,8)
LCO-9	293C		179										0		10		SEE NOTE 4 ON PAGE 10
LIT	U168		40	108/105	H	47	3T(MTP)	B(LIT)		BAT.			0		19.5	18.5	
LITV	AJ15		56	249				L(LITV)		BAT.			0		13.3	12.6	
LITV1	AJ15		56	249			1M,2B,5M (LITV1)		U(LITV1)	GRD			0		14.7	12.6	
LTP	U138		49	174/102	H	56	3T(MTP)	B(LTP)		BAT.			0		25	23.5	
LTP	AF32		159	208				L(LTP)		BAT.			0		32.5	30.5	
LTP1	U73		49	146/117	H	47			T(LTP1)	GRD			0		21	20	
LTP1	AF20		159	205					U(LTP1)	GRD			0		36	34	
LVO-9	293C		179										0		10		SEE NOTE 4 ON PAGE 10
LVP	U168		46	108/105	H	47		B(LVP)		BAT.			0		19.5	18.5	
LVP1	U73		46	146/117	H	47			T(LVP1)	GRD			0		21	20	
MAGT	U138		53	174/102	H	56	(MMT)NO	B(MAGT)		BAT.			0		25	23.5	
MKA	U924		6	119/127	H	47	(RM)O		T(MKA)	GRD			0		11.1	10.5	
MKA	AF111		187	270					U(MKA)	GRD			0		43	40.5	
MKA1	U65		6	113/113	H	29			T(MKA1)	GRD			0		20.5	19.5	WDG ALONE OR OPTION IV
									T(MKA1)	GRD			0		150	140	PAR COMB OF (MKA1) & (AO) OPTION IW
MKA2	U50		41	127/112	H	47	(RM)O		T(MKA2)	GRD			0		10.3	9.8	
MKA2	AF111		188	270					U(MKA2)	GRD			0		43	40.5	
MKB	U695		6	113/113	H	29							0		10.4	9.9	WDG ALONE
MKB1									T REL TST	GRD			0		23.5	22	PAR. COMB. OF (MKB) & (MKB1)
MKB	AJ202		187	500					U(MKB)	GRD			0		43	40.5	
MKB1	AJ202		187	500					U(MKB1)	GRD			0		43	40.5	
MKB2	AJ202		188	500					U(MKB2)	GRD			0		43	40.5	
MKB2	U50	XS	41	127/112	H	47			T(MKB2)	GRD			0		10.3	9.8	
MKB2	U695	UL,XT	41	113/113	H	29			T(MKB2)	GRD			0		10.4	9.9	
MKB3	U695	UZ	6	113/113	H	29							0		10.4	9.9	WDG ALONE
									T REL TST	GRD			0		35	33.5	PAR. COMB. OF (MKB), (MKB1) & (MKB3)
MKT	AF111		187	270					U(MKT)	GRD			0		43	40.5	
MKT MKT1	U73		6 41	146/117	H	47	6T REL TST		T REL TST	GRD			0		21	20	
MKT1	AF111		188	270					U(MKT1)	GRD			0		43	40.5	

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL.	CIRCUIT PREPARATION BLOCK OR INSULATE	TEST CLIP DATA CONN BAT.	TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK ma	TEST ma	READJ ma	REMARKS
MMT	U138		53	174/102	H	56			T(MMT)	GRD			0		25	23.5	
MON	U234	YG	2	160/108	H	47	3T(MON)	B(MON)		BAT.			0		19	18	
MPB	U138		53	174/102	H	56	(MMT)NO	B(MPB)		BAT.			0		25	23.5	
MPR	AF164		187, 188	319					U(MPR)	GRD			0		28.5	27	
MPR-	U168		4 5	108/106	H	47	1T REL TST	B REL TST		BAT.			0		19.5	18.5	
MPRO	U168		3	108/106	H	47		B(MPRO)		BAT.			0		19.5	18.5	
MPS	U138		53	174/102	H	56	(MMT)NO	B(MPS)		BAT.			0		25	23.5	
MTE	U675		23	161/178	H	53			T(MTE)	GRD	1		0		35	33	
MTL	U601		43	117/148	H	47			T(MTL)	GRD			0		19	18	
MTO	U675		23	161/178	H	53			T(MTO)	GRD	1		0		35	33	
MTP	U168	SN	2	108/106	H	47		B(MTP)		BAT.			0		19.5	18.5	
MTP	U135	SO	2	121/130	H	50		B(MTP)		BAT.			0		21	20	
MTP1	U73		43	146/117	H	47			T(MTP1)	GRD			0		21	20	
MTR	U1320	B	1	117/151	H	47			T(MTR)	GRD			0		21	20	
MTRA	AF24	RO	166	8				L(MTRA)		BAT.			0		30.5	29	
MTRA	U65	RO	11	113/113	H			B(MTRA)		BAT.			0		20.5	19.5	
NGCU 0-9	293C		177										0		10		SEE NOTE 4 ON PAGE 10
ON	U57		1	112/112	H	29			T(ON)	GRD			0		20	19	
ON1	U180		22	132/111	H	47			T(ON1)	GRD			0		16.5	15.5	
OSGO-9	318B		169										0		14		SEE NOTE 5 ON PAGE 10
OSG 10,11	318C		169								3		0		14		
PO-	286B		52						T REL TST	GRD			0		85	80	WDG ALONE
															290	275	PAR. COMB. OF (B3), (B4)/(B1) & (PO)
P1	286B		52						T REL TST	GRD			0		85	80	WDG ALONE
															290	275	PAR. COMB. OF (B8), (B9)/(B3) & (P1)
P2	286B		52						T REL TST	GRD			0		85	80	WDG ALONE
															290	275	PAR. COMB. OF (A1C), (A11)/(A4) & (P2)
PCO- PC2	U65		37	113/113	H	29			T REL TST	GRD			0		20.5	19.5	
PCN	U67		13	145/108	H	47	4T(PCN)	3(PCN)		BAT.			0		18	17	
PPRO PPR1	U168		32 33	108/106	H	47		B REL TST		BAT.			0		19.5	18.5	
PPR2			34														
PPR3		OP	189														
PPR4		OP	190														
PPR5		OT	191														
PPR6		OT	192														
PPR7		OT	193														
PRA	U54		36	119/113	H	35			T(PRA)	GRD	2		0		11	10.4	
PRB	U223		36	109/123	H	29			T(PRB)	GRD			0		7.4	7	
PTP	U168		31	108/106	H	47		B(PTP)		BAT.			0		19.5	18.5	
PTP1	U73		47	146/117	H	47			T(PTP1)	GRD			0		21	20	
PTT	U639		36	161/195	H	53			T(PTT)	GRD			0		34	32	

TEST NOTES:

1. BLOCK OPERATED (RT) & (TRC2) RELAYS.
2. BLOCK OPERATED (RP) REL INS 5T (PRA) REL.
3. TO TEST RELAY (VGT!O),(VGT11),(OSG10) OR (OSG11) CONNECT GROUND TO TERMINAL 19,29, 39 OR 49 RESPECTIVELY.

DRAWING ISSUE: 73D, 75D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-F3

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-F3

E-7423(10-69)CBL

CIRCUIT REQUIREMENTS

APPARATUS DESIG	CODE	OPT	FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRESS.	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA.	DIRECT CURRENT FLOW REQT TEST MA.	DIRECT CURRENT FLOW REQT READJ MA.	REMARKS
RO-8	286B		152						T REL TST	GRD GRD	1 3		0 0		85 400 470	80 375 440	WDG ALONE
RO-8	263E	YW	10						T REL TST	GRD	 2		0 0		115 255 540	110 245 515	EACH WDG WINDINGS IN PAR.
RO-8	287B	YX	10						T REL TST	GRD	 2		0 0		160 350 745	150 335 705	EACH WDG WINDING IN PAR
AO-8	286B		152						T REL TST	GRD GRD	1 3		0 0		85 400 470	80 375 440	WDG ALONE
RC	U675		24	161/178	H	53	(RR)0		T(RC)	GRD			0		35	33	
CR	U119		24	145/123	H	47	(RR)0		T(RCR)	GRD			0		16	14.9	
EP	U168		183	108/106	H	47		B(REP)		BAT.			0		19.5	18.5	
EP1	U73		183	146/117	H	47			T(REP1)	GRD			0		21	20	
EP2	U135		193	121/130	H	50	IT(REP2)	B(REP2)		BAT.			0		22	21	
F	U422		11	132/101	H	47		B(RF)		BAT.			0		14.4	13.7	
F	1/2AK20		166	217				2U(RF)		BAT.			0		20.5	19.5	MTD WITH (EF)
G20- 23	318B		173										0		14		SEE NOTE 5 ON PAGE 10
CEO CE1	U588		35	119/119	H	35			T REL TST	GRD			0		13.7	13	
CE2		XY															
M	U65		1	113/113	H	29					4		0		20.5	19.5	WDG ALONE
MB											5		0		46	43.5	
									T REL TST	GRD	10		0		70.5	67	
MS	U1334	Y	1	111/111	H	29			T(RMA)	GRD			0		14.3	13.6	
MS	U65		182	113/113	H	29							0		20.5	19.5	WDG ALONE
MS											11		0		46	43.5	
									T REL TST	GRD	10		0		70.5	67	
NO-9	293C		179										0		10		SEE NOTE 4 ON PAGE 10
NA	U180		22	132/111	H	47			T(RNA)	GRD			0		16.5	15.5	
ON	U65		1	113/113	H	29			T(RON)	GRD			0		20.5	19.5	
											12		0		46	43	
NA	U65		1	113/113	H	29			T(RONA)	GRD			0		20.5	19.5	
											12		0		46	43	
OS	U1301	J	1	123/123	H	29			T(ROS)	GRD	6		0		14.1	13.4	
OS	U1363	H,W	1	112/130	H	35			T(ROS)	GRD			0		21	20	
P	U522		38	108/111	H	47							0		18	17	WDG ALONE
											7		0		40	38	
									T REL TST	GRD	10		0		61.5	58.5	
PR-EMG	U168				H	47	3I(MTP)	B REL TST		BAT.			0		19.5	18.5	
PR-			16														
PR-			17														
PR0			15														
R	U57		22	112/112	H	29			T REL TST	GRD			0		20	19	WDG ALONE
R1																	
R2		WD									8		0		44.5	42.5	TWO WINDINGS IN PAR.
R3		WC									8		0		69	65	THREE WINDINGS IN PAR.
		TH									8		0		86	82	FOUR WINDINGS IN PAR.
R4,5		NJ									8		0		108	103	FIVE WINDINGS IN PAR.
ST	318B	NJ	173								13		0		10		SEE NOTE 5 ON PAGE 10
24-29																	

DRAWING ISSUE: 43D (PM WGD AND RLP AM AM); 52D NJF; 66D RAR; 70D; 74A; 75D

TEST NOTES:

1. PAR. COMB. (RO-8) WITH (RAO-8),(SO-8) & (SAO-8) RELAYS.
2. PAR. COMB OF ONE (R) RELAY AND THE CORRES (S) RELAY (4 COILS).
3. PAR. COMB. (RO-8) WITH (RAO-8),(SO-8),(SAO-8) & (ABO-8) RELAYS.
4. USE WDG ALONE CURRENT FLOW VALUES IF FIG. 38 OR 182 IS NOT PROVIDED.
5. PAR. COMB. OF (RM)&(RP) OR (RM1) & (RP1) OR (RM) & (RMS) OR (RM1) & (RM1S) RELAYS.
6. REMOVE (MB) LAMP OF TROUBLE RECORDER CKT IF THIS CKT IS PROVIDED.
7. PAR. COMB. OF (RP) & (RM) OR (RP1) & (RM1) OR (RP) & (RMS) OR (RP1) & (RM1S) RELAYS.
8. PAR. COMBINATIONS OF (RR),(RR2),(RT),(RT2),(RR1),(RR3),(RT1), (RT3),(RR4) & (RR5) RELAYS.
9. PAR. COMB. OF (RM) & (RMS) OR (RM1) & (RM1S) RELAYS.
10. PAR. COMB. OF (RM),(RMS) & (RP) OR (RM1),(RM1S) & (RP1) RELAYS.
11. PAR. COMB. OF (RMS) & (RM) OR (RM1S) & (RM1) OR (RMS) & (RP) OR (RM1S) & (RP1) RELAYS.
12. PAR. COMB. OF (RON) & (RONA).
13. (RST24) RELAY IN PACKAGE WITH (RG20-23)

MASTER TEST FRAME CONNECTOR CKT — SD-25805-01-F4

BELL TELEPHONE LABORATORIES INCORPORATED — PRINTED IN U.S.A.

CIRCUIT REQUIREMENTS

APPARATUS DESIG	CODE	OPT	FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRESS.	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA.	DIRECT CURRENT FLOW REQT TEST MA.	DIRECT CURRENT FLOW REQT READJ MA.	REMARKS
RT RT1	AF57		162	210					U REL TST	GRD			0		27	25.5	
RT RT1, RT2 RT3	U57	 WD WC TH	22	112/112	H	29			T REL TST	GRD			0 1 1 1 1		20 44.5 69 86 108	19 42.5 65 82 103	WDG ALONE TWO WINDINGS IN PAR. THREE WINDINGS IN PAR. FOUR WINDINGS IN PAR. FIVE WINDINGS IN PAR.
RTE	286B		156						T(RTE) T(RTE)	GRD GRD	2 3		0 0		35 190 225	80 180 215	WDG ALONE
RTE	263G	YW	27						T(RTE) T(RTE)	GRD GRD	4 5 6		0 0 0		73.5 170 205	70 160 190	
RTE	287A	YX	27						T(RTE) T(RTE)	GRD GRD	4 5 6		0 0 0		80 180 215	75 170 205	
RTE1	U65		28	113/113	H	29			T(RTE1)	GRD	6		0 0		20.5 155	19.5 145	WDG ALONE
RTEA	286B		156						T(RTEA) T(RTEA)	GRD GRD	2 3		0 0		95 190 225	80 180 215	WDG ALONE
RTO	286B		156						T(RTO) T(RTO)	GRD GRD	7 9		0 0 0		85 190 225	80 180 215	WDG ALONE
RTO	263G	YW	27						T(RTO) T(RTO)	GRD GRD	4 5 12		0 0 0		73.5 170 205	70 160 190	
RTO	287A	YX	27						T(RTO) T(RTO)	GRD GRD	4 5 12		0 0 0		30 180 215	75 170 205	
RTO1	U65		28	113/113	H	29			T(RTO1)	GRD	12		0 0		20.5 155	19.5 145	WDG ALONE
RTOA	286B		156						T(RTOA) T(RTOA)	GRD GRD	7 8		0 0 0		85 190 225	80 180 215	WDG ALONE
RTOS	U119		1	145/123	I	47			T(RTOS)	GRD			0		16	14.9	
RTP	1/2AK22		195	216					1U(RTP)	GRD			0 0		27.5 27.5	26 26	MTD WITH (RTSB)
RTPO	U168		191	108/106	H	47	1T(RTPO)	B(RTPO)		BAT.			0		19.5	18.5	
RTP1	U169		191	108/106	H	47	1T(RTP1)	B(RTP1)		BAT.			0		19.5	18.5	
RTP2	AJ15		195	249					U(RTP2)	GRD			0		43	40.5	
RTSA	U192		185	121/108	H	50			T(RTSA)	GRD			0		22.5	21	
RTSB	1/2AK22		194	216					1L(RTSB)	GRD			0		27.5	26	MTD WITH (RTP)
RTST	U1018		43	137/137	H	51			T(RTST)	GRD			0		20.5	19.5	
SO-8	286B		152						T REL TST	GRD GRD	11 10		0 0 0		85 400 470	80 375 440	WDG ALONE
SO-8	263E	YW	10						T REL TST	GRD	4 5 9		0 0 0		115 255 540	110 245 515	
SO-8	287B	YX	10						T REL TST	GRD	4 5 9		0 0 0		160 350 745	150 335 705	
SO-14	318B		170										0		14		SEE NOTE 5 ON PAGE 10

DRAWING ISSUE: 43D (PM WGD AND RLP AM AM); 52D NJF; 66D RAR; 70D; 74A; 75D

TEST NOTES:

1. PAR. COMBINATIONS OF (RR),(RR2),(RT),(RT2),(RR1),(RR3),(RT1), (RT3),(RR4) & (RR5) RELAYS.
2. COMB. OF (RTE) & (RTEA) RELAYS.
3. PAR. COMBINATIONS OF (RTE),(RTEA) & (RTE1) RELAYS.
4. EACH WINDING ALONE.
5. BOTH WINDINGS IN PARALLEL.
6. PAR. COMB. OF (RTE) & (RTE1) RELAYS.
7. COMB. OF (RTO), (RTOA) RELAYS.
8. PAR. COMB. OF (RTO), (RTOA) & (RTOI) RELAYS.
9. PAR. COMB. OF ONE (R) RELAY AND THE CORRES (S) RELAYS (4 COILS).
10. PAR. COMB. OF (RO-8) WITH (RAO-8),(SO-8),(SAO-8) & (ABO-8) RELAYS.
11. PAR. COMB. OF (RO-8) WITH (RAO-8), (SO-8) & (SAO-8) RELAYS.
12. PAR COMB OF (RTOI) & (RTO) RELAYS

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-F4

BELL TELEPHONE LABORATORIES INCORPORATED — DWG SIZE 6S — PRINTED IN U.S.A.

ISSUE 98B

CIRCUIT REQUIREMENTS

APPARATUS DESIG	CODE	OPT	FIG.	MECH REQT BSP FIG.	CONT PRESS.	ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	TEST CLIP DATA CONN BAT.	CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK MA.	TEST MA.	READJ MA.	REMARKS
SAO-8	2866		152						T REL GRD TST	GRD	3		0		85	80	WDG ALONE
										GRD	4		0		400	375	COMB. OF (T4) & (T5)
SC	U73		53	146/117	H	47			T(SC)	GRD			0		470	440	
SEF	U422		11	132/101	H	47		B(SEF)		BAT.			0		21	20	
SEF	1/2AK20		166	217				2U(SEF)		BAT.			0		14.4	13.7	
SKT	U809		43	112/117	H	47		B(SKT)		BAT.			0		20.5	19.5	MTD WITH (EXB)
SL	U422		42	132/101	H	47			T (SL)	GRD			0		19	18	
SP0	U1299		7	132/106	H	47	3T(SP2)	B REL TST		BAT.			0		14.4	13.7	
SP1															38.5	36.5	
SP2	U1299		7	132/106	H	47		B(SP2)		BAT.			0		38.5	36.5	
SP3	U485		39	177/156	H	59		B(SP3)		BAT.			0		29.5	28	
SP4	U1299		184	132/106	H	47		B(SP4)		BAT.			0		38.5	36.5	
SSP	U168	OB	186	108/106	H	47		B(SSP)		BAT.			0		19.5	18.5	
STC	U65		29	113/113	H	29			T(STC)	GRD			0		20.5	19.5	WDG ALONE
													0		45.5	43	PAR. COMB. OF (STC) & (STC2)
													0		70.5	67	PAR. COMB. OF (STC),(STC2)&(STC4)
STC1	U57		29	112/112	H	29			T(STC1)	GRD			0		20	19	WDG ALONE
													0		45	42.5	PAR. COMB. OF (STC1) & (STC3)
													0		69	66	PAR. COMB. OF (STC1),(STC3)&(STC5)
STC2	U65	NZ	29	113/113	H	29			T(STC2)	GRD	5		0		20	19	WDG ALONE
													0		45.5	43	PAR. COMB. OF (STC) & (STC2)
													0		70.5	67	PAR. COMB. OF (STC),(STC2)&(STC4)
STC3	U57	WD	29	112/112	H	29			T(STC3)	GRD	6		0		20	19	WDG ALONE
													0		45	42.5	PAR. COMB. OF (STC1) & (STC3)
													0		69	66	PAR. COMB. OF (STC1),(STC3)&(STC5)
STC4	U65	NJ	29	113/113	H	29			T(STC4)	GRD	7		0		20.5	19.5	WDG ALONE
													0		70.5	67	PAR. COMB. OF (STC),(STC2)&(STC4)
STC5	U57	NJ	29	112/112	H	29			T(STC5)	GRD	8		0		20	19	WDG ALONE
													0		69	66	PAR. COMB. OF (STC1),(STC3)&(STC5)
T0,1	286B		150						T REL TST	GRD			0		85	80	WDG ALONE
													0		190	180	COMB. OF (T0) & (T1)
T0,1	263G	YW	8								1		0		73.5	70	
T2,3			9						T REL TST	GRD	2		0		170	160	
T0,1	287A	YX	8								1		0		80	75	
T2,3			9						T REL TST	GRD	2		0		180	170	
T0-9	U422		11	132/101	H	47		B REL TST		BAT.			0		14.4	13.7	
T0-9	293C		177										0		10		SEE NOTE 4 ON PAGE 10
T0,2, 4,6,8	1/2AK20		166	217				2L REL TST		BAT.			0		20.5	19.5	MTD WITH(T1,3,5,7,9)
T1,3, 5,7,9	1/2AK20		166	217				2U REL TST		BAT.			0		20.5	19.5	MTD WITH(T0,2,4,6,8)
T2,3	286B		150						T REL TST	GRD			0		85	80	WDG ALONE
													0		190	180	COMB. OF (T2) & (T3)

TEST NOTES:

1. EACH WINDING ALONE.
2. BOTH WINDINGS IN PARALLEL.
3. PAR. COMB. OF (RO-8) WITH (RAO-8), (SO-8) & (SAO-8) RELAYS.
4. PAR. COMB. OF (RO-8) WITH (RAO-8), (SO-8), (SAO-8) & (ABO-8) RELAYS.
5. PAR. COMB. OF (STC) & (STC2) RELAYS.
6. PAR. COMB. OF (STC1) & (STC3) RELAYS.
7. PAR. COMB. OF (STC),(STC2) & (STC4) RELAYS.
8. PAR. COMB. OF (STC1),(STC3) & (STC5) RELAYS.

DRAWING ISSUE: 43D PEM WGA AHA DB; 48D LW AHA RLS; 52D PEA AMD; 62D NJF; 66D RAF; 68D; 75D

MASTER TEST FRAME CONNECTOR CKT — SD-25805-01-F5

BELL TELEPHONE LABORATORIES INCORPORATED — PRINTED IN U. S. A.

CIRCUIT REQUIREMENTS

APPARATUS DESIG	CODE	OPT	FIG.	MECH REQT BSP FIG.	CONT PRESS.	ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	TEST CLIP DATA CONN BAT.	CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK MA.	TEST MA.	READJ MA.	REMARKS
T4,5	2866		151										0		35	80	WDG ALONE
									T REL TST	GRD			0		190	180	COMB. OF (T4) & (T5)
T6,7	2866		151										0		85	80	WDG ALONE
									T REL TST	GRD			0		190	180	COMB. OF (T6) & (T7)
T8	U828	RL	176	112/109	H	29			T REL TST	GRD			0		17.5	16.5	WDG ALONE
													0		72	68	PAR.COMB. OF (T8)& (GO(-))/(HO(-))
TAA-	1/2AK22		62	216					1U 1L (TVA-)	GRD			0		27.5	26	(TAA0)MTD WITH (TAA1) (TAA2)MTD WITH (TAP2)
TAP-	1/2AK22		62	216					1U 1L (TVP-)	GRD			0		27.5	26	(TAP0)MTD WITH (TAP1) (TAP2)MTD WITH (TAA2)
TBO-9	293C		179										0		10		SEE NOTE 4 ON PAGE 10
TCA	U1392		157	109/145	H	47			T(TCA)	GRD			0		29.5	28	
TGO-19	318B		171										0		14.	.	SEE NOTE 5 ON PAGE 10
TM	U422		1	131/101	H	47			T(TM)	GRD			0		14.4	13.7	
TM1	Y115		1	131/115	H	35	3B(TM2)		T(TM1)	GRD			0		16	15	
							3B(TM2)		T(TM1)	GRD			H		1.4	1.3	
							3B(TM2)		T(TM1)	GRD			R		0.7	0.9	
TM2	U716		1	110/106	H	44	3B(TM2)		T(TM2)	GRD			0		11.8	11.2	
									T(TM2)	GRD			NO		6.2	6.6	
TOR 0-7	293C		175										0		10		SEE NOTE 4 ON PAGE 10
TPE, TPO	U168		13	108/106	H	47	3T(MTP)	B REL TST		BAT.			0		19.5	18.5	
TRC	U1375		1	108/108	H	47	(TRC1)NO		T(TRC)	GRD			0		17.5	16.5	
TRC1	U1301		1	123/123	H	29			T(TRC1)	GRD			0		14.1	13.4	
TRC2	U540		1	102/108	H	53	3T(TRC2)		T(TRC2)	GRD			0		10.7	10.1	
TS	U1113		1	114/114	H	50			T(TS)	GRD	1		0		22.5	21	
TSO-19	318B		171										0		14.		SEE NOTE 5 ON PAGE 10
TSTS	AF48		64	28					U(TSTS)	GRD			0		100	90	
TTL	U601		48	117/148	H	47			T(TTL)	GRD			0		19	18	
TTL	AF16		159	208					U(TTL)	GRD			0		30.5	29	
TTP	U138		18	174/102	H	56	3T(MTP)	B(TTP)		BAT.			0		25	23.5	
TTP	AF32		159	208				L(TTP)		BAT.			0		32.5	30.5	
TTP1	U73			146/117	H	47			T(TTP1)	GRD			0		21	20	
TTP1	AF20		159	205					U (TTP1)	GRD			0		36	34	
TTR	U168		167	108/106	H	47		B (TTR)		BAT.			0		19.5	18.5	
TTR1	U73		167	146/117	H	47			T(TTR1)	GRD			0		21	20	
TTR2	U168		185	108/106	H	47		B (TTR2)		BAT.			0		19.5	18.5	
TTR3	U73		185	146/117	H	47			T(TTR3)	GRD			0		21	20	
TVA	U1261		25	150/117	H	50	(RT)O		T (TVA)	GRD			0		13.3	12.6	
TVA	AF64		160	219					U (TVA)	GRD			0		11.2	10.6	
TVA1	U57		25	112/112	H	29			T (TVA1)	GRD			0		20	19	
TVA1	AF24		160	8					U (TVA1)	GRD			0		30.5	29	
TVB	U699		25	109/109	H	29			T (TVB)	GRD			0		9.2	7.8	
TVB	285H		58,59										0		85	80	
TVB	AF83		160	8					U (TVB)	GRD			0		8.2	7.8	
TVP-	U168		20	108/106	H	47	3T (MTP)	B REL TST		BAT.			0		19.5	18.5	
TVP-			21														
TVPO			19														
TVPO, TVP1	AF32		159	208				L REL TST		BAT.			0		32.5	30.5	
TVPO TVP1	AF32		168	208				L REL TST		BAT.			0		32.5	30.5	

TEST NOTES:

1. INSULATE 1B(TS) REL "ZH" OPTION.

DRAWING ISSUE: 43D PEM WGA AHA DB; 48D LW AHA RLS; 52D PEA AMD; 62D NJF; 66D RAF; 68D; 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-F5

BELL TELEPHONE LABORATORIES INCORPORATED — DRG SIZE 6S — PRINTED IN U. S. A.

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRESS.	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA.	DIRECT CURRENT FLOW REQT TEST MA.	DIRECT CURRENT FLOW REQT READJ MA.	REMARKS
TVT	U73		25	146/117	H	47	6T(TVT)		T(TVT)	GRD			0		21	20	
TVT	AF111		160	270			1M(TVT) 11M(TVT)		U(TVT)	GRD			0		45	40.5	
TVT3	U180		22	132/111	H	47			T(TVT3)	GRD			0		16.5	15.5	
TXE	U57		28	112/112	H	29							0		20	19	WDG ALONE
TXE1 TXO TXO1									T REL TST	GRD	1		0		42	42.5	
UO-9	U422		11	132/101	H	47		B REL TST		BAT			0		14.4	13.7	
UO-9	293C		65, 177										0		10		SEE NOTE 4 ON PAGE 10
UO,2, 4,6,8	1/2AK20		166	217				2L REL TST		BAT.			0		20.5	19.5	MTD WITH(U1,3,5,7,9)
U1,3, 5,7,9	1/2AK20		166	217				2U REL TST		BAT.			0		20.5	19.5	MTD WITH(UO,2,4,6,8)
UAO-9	293C		177										0		10		SEE NOTE 4 ON PAGE 10
VO,1	286H		60						T REL TST	GRD			0		85	80	REL WDG ALONE
													0		190	180	COMB OF (VO) & (V1)
VO-2	286B		153										0		85	80	WDG ALONE
									T REL TST	GRD			0		190	180	COMB OF (VO), (V1) & (V2)
VO-2	286B		151						T REL TST	GRD			0		85	80	WDG ALONE
													0		290	275	COMB OF (VO), (V1) & (V2)
VO-3	263G	YW	26								2		0		73.5	70	
									T REL TST	GRD	3		0		170	160	
VO-3	287A	YX	26								2		0		80	75	
									T REL TST	GRD	3		0		180	170	
V2-4	286H		61										0		85	80	REL WDG ALONE
									T REL TST	GRD			0		255	240	COMB OF (V2), (V3) & (V4)
V3,4	286B		153										0		80	80	WDG ALONE
									T REL TST	GRD			0		190	180	COMB. OF (V3) & (V4)
V3,4	286B		161						T REL TST	GRD			0		85	80	WDG ALONE
													0		190	180	COMB. OF (VO), (V1) & (V2)
V4	286B		158										0		85	80	WDG ALONE
									T(V4)	GRD			0		190	180	COMB. OF (V4)&(V15)
V5,6	286B		154										0		85	80	WDG ALONE
									T REL TST	GRD			0		190	180	COMB. OF (V5) & (V6)
V5-7	286H		61										0		85	80	REL WDG ALONE
									T REL TST	GRD			0		255	240	COMB OF (V5), (V6) & (V7)
V7-9	286B		154										0		85	80	WDG ALONE
									T REL TST	GRD			0		290	275	COMB OF (V7), (V8) & (V9)

DRAWING ISSUE: 43D P.E. W.G. A.M.; 52D R.L.P. P.A. A.M.; 65A R.J.F.; 66D R.A.S.; 75D

TEST NOTES:

1. PAR. COMB. OF (TXE) & (TXE1) OR (TXO) & (TXO1) RELAYS.
2. EACH WINDING ALONE.
3. BOTH WINDINGS IN PARALLEL.

CIRCUIT REQUIREMENTS

APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRESS.	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	CIRCUIT PREPARATION TEST CLIP DATA CONN BAT.	CIRCUIT PREPARATION TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	DIRECT CURRENT FLOW REQT TEST FOR	DIRECT CURRENT FLOW REQT AFTER SOAK MA.	DIRECT CURRENT FLOW REQT TEST MA.	DIRECT CURRENT FLOW REQT READJ MA.	REMARKS
V8,9	286H		61						T REL TST	GRD			0		85	80	REL WDG ALONE
													0		190	180	COMB OF (V8) & (V9)
V10- V12	286B		155						T REL TST	GRD			0		85	80	WDG ALONE
													0		290	275	COMB. OF (V10), (V11) & (V12)
V13, V14	286B		155						T REL TST	GRD			0		85	80	WDG ALONE
													0		190	180	COMB. OF (V13) & (V14)
V15	286H		55										0		85	80	WDG ALONE
									T(V15)	GRD			0		190	180	COMB. OF (V4)&(V15)
VGTO- 9	318C		169								5		0		14		
VGT10 11	318C		169								3		0		14		
WO,1	286B		153										0		85	80	WDG ALONE
									T REL TST	GRD			0		190	180	COMB. OF (WO) & (W1)
WO	263G	YW	26								1		0		73.5	70	
									T(WO)	GRD	2		0		170	160	
WO	287A	YX	26								1		0		80	70	
									T(WO)	GRD	2		0		180	170	
WCH O-4	293C	PT	179						15,25,35 45,55(WCH)	GRD			0 R		10 1.1		
WCH 5-9	293C	PT	179						15,25,35, 45,55(WCH)	GRD			0 R		10 1.1		
WL O-4	293C	PT	179						15,25,35, 45,55(WL-)	GRD			0 R		10 1.1		
WL 5-9	293C	PT	179						15,25,35, 45,55(WL-)	GRD			0 R		10 1.1		
XSC	U422		165	132/101	H	47		B(XSC)		BAT.			0		14.4	13.7	
XSC	1/2AK20		166	217				2U(XSC)		BAT.			0		20.5	19.5	MTD WITH (SPARE)
XTL	U422		30	132/101	H	47			T(XTL)	GRD			0		14.4	13.7	

DRAWING ISSUE: 43D P.E. W.G. A.M.; 52D R.L.P. P.A. A.M.; 65A R.J.F.; 66D R.A.S.; 75D

TEST NOTES:

1. EACH WINDING ALONE.
2. BOTH WINDINGS IN PARALLEL.
3. TO TEST RELAY (VGT10),(VGT11),(OSG10) OR (OSG11) CONNECT GROUND TO TERMINAL 19,29,39 OR 49 RESPECTIVELY.

4.

TO TEST RELAY NO.	CONNECT GROUND TO TERMINAL
0	15
1	25
2	35
3	45
4	55
5	15
6	25
7	35
8	45
9	55

5.

TO TEST RELAY NO.	CONNECT GROUND TO TERMINAL	TO TEST RELAY NO.	CONNECT GROUND TO TERMINAL
0	19	25	19
1	29	26	29
2	39	27	39
3	49	28	49
4	59	29	59
5	19		
6	29		
7	39		
8	49		
9	59		
10	19		
11	29		
12	39		
13	49		
14	59		
15	19		
16	29		
17	39		
18	49		
19	59		
20	19		
21	29		
22	39		
23	49		
24	59		

ISSUE 10CB

LEGEND

LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES

ABBR	EXPLANATION
2SMTC	SECOND SUPPLEMENTARY MASTER TEST CONNECTOR FRAME
AIOD	AUTOMATICALLY IDENTIFIED OUTWARD DIALING
AMA	AUTOMATIC MESSAGE ACCOUNTING
AMTC	AUXILIARY MASTER TEST CONNECTOR FRAME (FOR AMA)
AMTF	AUXILIARY MASTER TEST FRAME
APTT	AUTOMATIC PROGRESSION TRUNK TEST FRAME
ARET	AUTOMATIC RANGE EXTENSION TEST FRAME
CAPTT	CAMA AUTOMATIC PROGRESSION TRUNK TEST FRAME
CLVA	COMPUTER LINE VERIFICATION ACCESS CKT
CM	COMPLETING MARKER
CMT & C	COMPLETING MARKER TRANSLATOR AND CODE TREATMENT FR
CMCE	COMPLETING MARKER COMMON EQUIPMENT FRAME
CWL	CALL WAITING LINK FR
DAP	DIRECT ACCESS PRETRANSLATOR
DAS	DISTRIBUTOR AND SCANNER FRAME OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS
DMTC	MASTER TEST CONNECTOR FRAME (FOR DIAL TONE MARKERS)
DTM	DIAL TONE MARKER
IDDD	INTERNATIONAL DIRECT DISTANCE DIALING
IR	INCOMING REGISTER FRAME
IRMC	INCOMING REGISTER MARKER CONNECTOR FRAME
LC2AC	LINE CONNECTOR NO. 2A CONTROL FRAME
LIT	LINE INSULATION TEST FRAME
LLC	LINE LINK CONNECTOR FRAME
L,LL & C	LINE, LINE LINK AND CONNECTOR FRAME
LLMC	LINE LINK MARKER CONNECTOR FRAME
MAMA	MAGNETIC TAPE AUTOMATIC MESSAGE ACCOUNTING
MAMTC	MAGNETIC TAPE AUXILIARY MASTER TEST CONNECTOR FRAME
MC	MARKER CONNECTOR FRAME
MKR	MARKER FRAME
MTC	MASTER TEST CONNECTOR FRAME
MTF AM	MASTER TEST FRAME-AUTOMATIC MONITOR BAY
MTF CONT	MASTER TEST FRAME-CONTROL BAY
MTF JK	MASTER TEST FRAME-JACK BAY
MTF RCDR	MASTER TEST FRAME-RECORDER BAY
MTF RST	MASTER TEST FRAME-REGISTER AND SENDER TEST BAY
MTMG	MASTER TIMING FRAME
NG	NUMBER GROUP FRAME
NGC	NUMBER GROUP CONNECTOR FRAME
ORMC	ORIGINATING MARKER CONNECTOR FRAME
OR	ORIGINATING REGISTER FRAME

LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES

ABBR	EXPLANATION
OSC	OUTGOING SENDER CONNECTOR FRAME
OS AIS	OUTGOING SENDER FRAME FOR AUTOMATIC INTERCEPT SERVICE
OTTIC	OFFICE TEST TROUBLE INDICATOR CONNECTOR CKT
PRT	PRETRANSLATOR FRAME
ROT	REMOTE OFFICE TEST FRAME
RR	ROUTE RELAY FRAME (COMPLETING MARKER)
SAMTC	SUPPLEMENTARY AUXILIARY MASTER TEST CONNECTOR FRAME
SMTC	SUPPLEMENTARY MASTER TEST CONNECTOR FRAME
T & CT	TRANSLATOR AND CODE TREATMENT FRAME (COMPLETING MARKER)
TRT	TRANSFER TRUNK UNIT
WB BS LLC	WIDEBAND/BIT-STREAM LINE LINK CONNECTOR PART OF WB BS LL C FR TL
WB BS TLC	WIDEBAND/BIT-STREAM TRUNK LINK CONNECTOR PART OF WB BS LL C FR TL

DRAWING ISSUE
70D
71D
74A
75D

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-GIA

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6S

SD-25805-01-GIA

FIG. 51 (A&M ONLY)

(FOR FIG. 1 & 43)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
70D
71D
73D
74A
75D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G1B

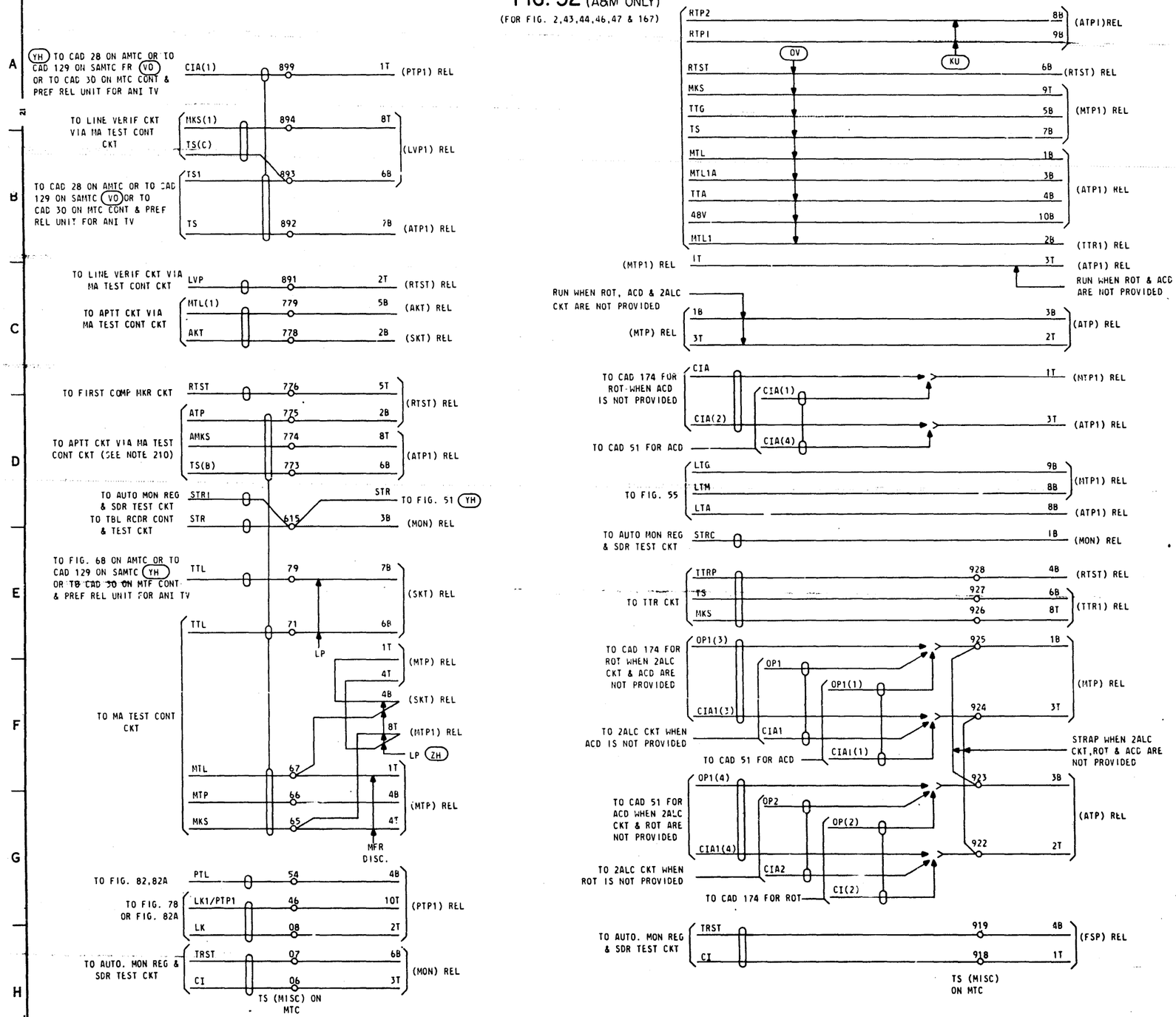
BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 6S

SD-25805-01-G1B

FIG. 52 (A8M ONLY)

(FOR FIG. 2,43,44,46,47 & 167)



NOTES:

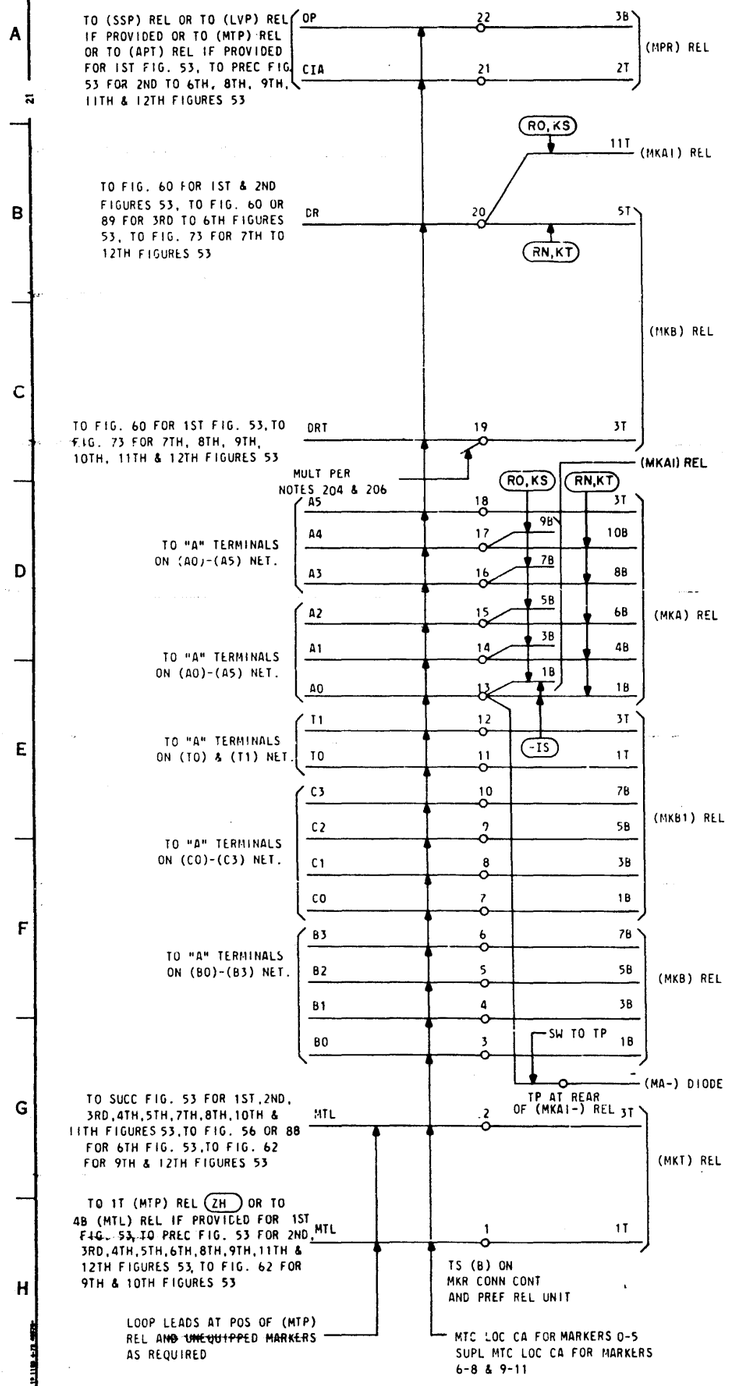
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

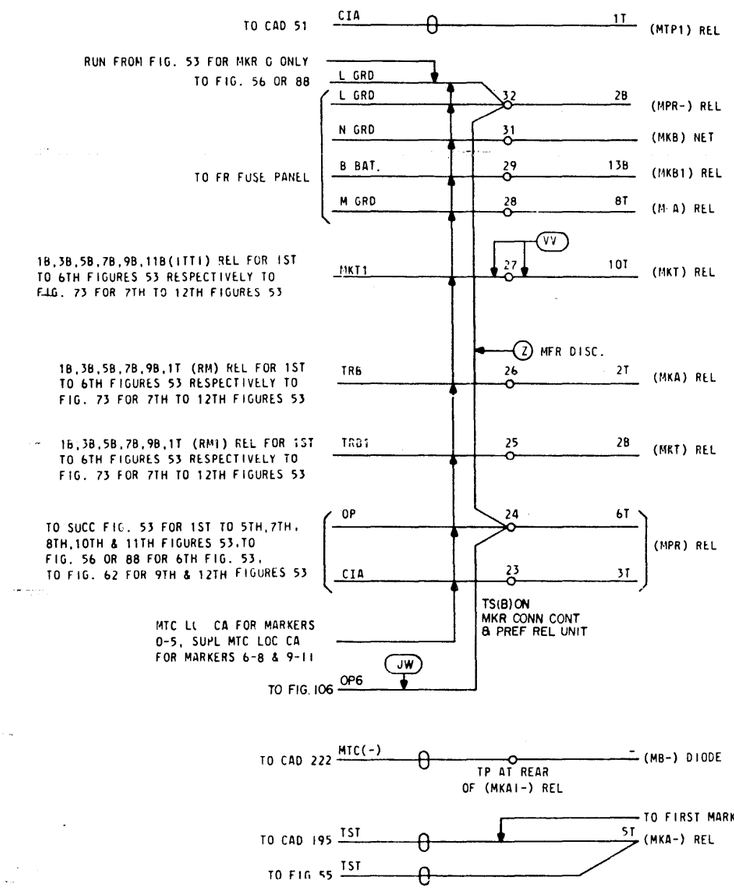
ISSUE 101A		
MASTER TEST FRAME CONNECTOR CKT	(2)	SD-25805-01-G2A
BELL TELEPHONE LABORATORIES INCORPORATED	SYS CODE 6S	PRINTED IN U.S.A.

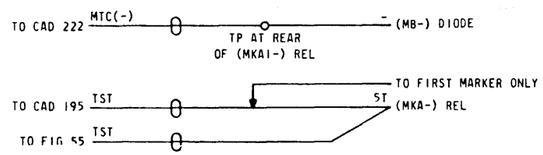
SD-25805-01-G2A

FIG. 53 (A&M ONLY)

(FOR FIG. 3,4,5 & 6)
(FOR COMB. OR COMPL MARKERS)







ISSUE 99A CB

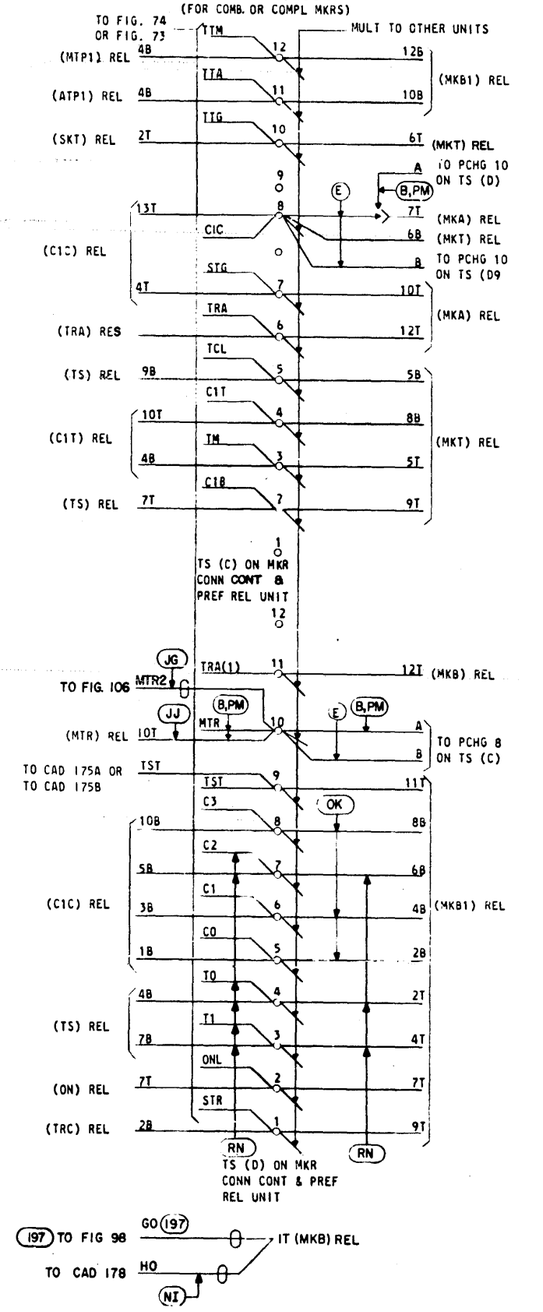
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G2B

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FIG. 54 (A&M ONLY)

(FOR FIGURES 3,4,5&6)
(FOR COMB. OR COMPL MKRS)



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES. SEE GIA.

FIG. 55 (A&M ONLY)

(FOR FIGURES 3,4,5&6)
(FOR COMB. OR COMPL MKRS)

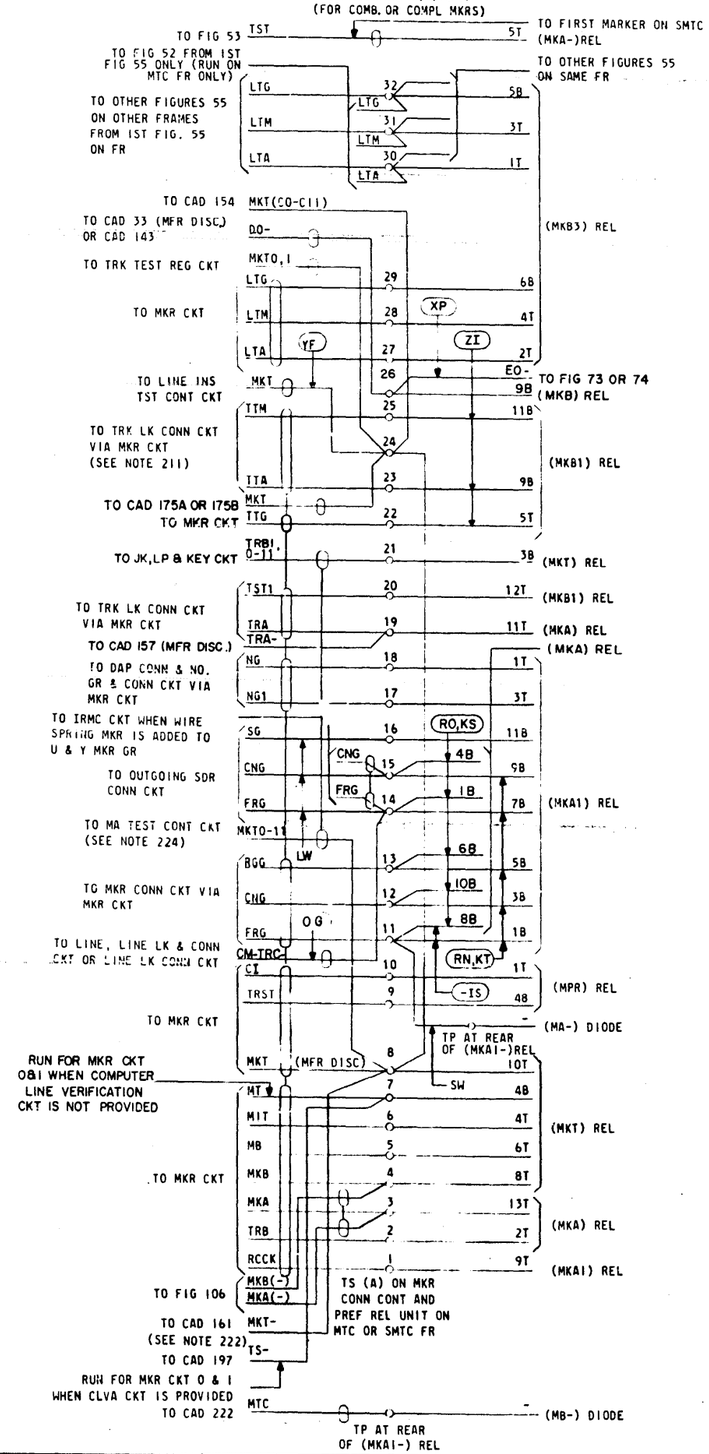


FIG. 56 (MFR DISC)

(FOR FIG. 2,4,5 & 31)
REPLACED BY FIG. 88 (SEE NOTE 207)

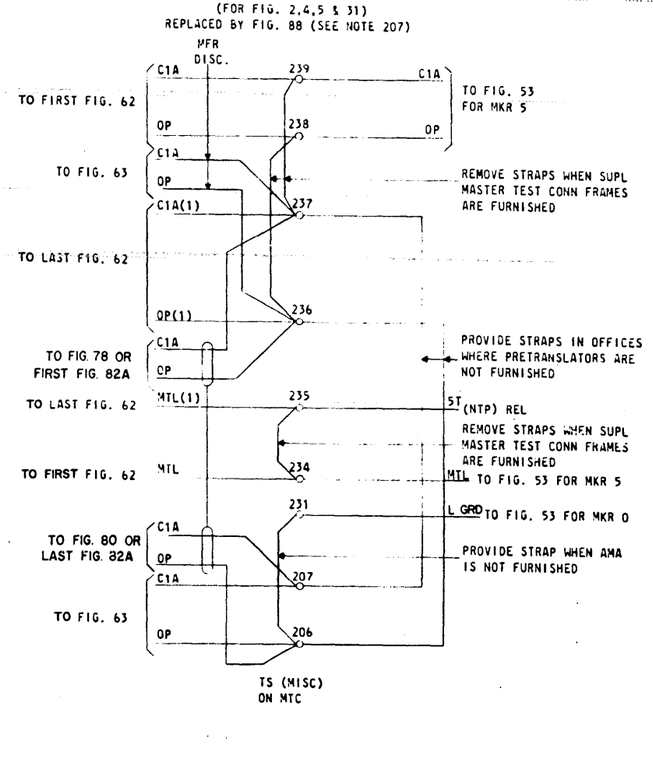
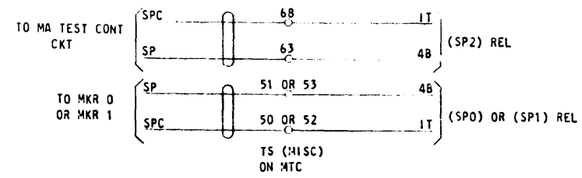


FIG 57 (A&M ONLY)

(FOR FIG. 7)



DRAWING ISSUE

43D	CDC CLV AHJ
53AR	RLP LM AHJ
55D	RLP LM JKP
58A	LEA AJH AKJ
62D	JK
63A	JK
70D	
71D	
72A	
73D	
74A	
75D	

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G3

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SD-25805-01-G3

STABILO

RUN FOR TABLE I ONLY

TO FIG. 98 RCY

TO MKR CON EQPT FR OR TO DIAL TONE MKR RCY

SG TO CAD 112

59 37 36 35 0 (A0) REL

TO MKR COM EQPT FR

59 38 37 0 (A3) REL

59 0 (A3) REL

TO MKR TRNSL & RR FR ("U" REL TYPE MKR) OR TO MKR TRNSL & CO TREAT. FR ("WS" REL TYPE MKR)

59 46 45 44 30 29 (A4) REL

19 T0 20 HN9 19 HN0 10 09 00

59 0 (A5) REL

TO CAD 222

TO CAD 36 02

TO MKR COM EQPT FR

59 0 (B0) REL

TO FR FUSE PANEL P GRD

TO MKR TRNSL & RRFR ("U" REL TYPE MKR) OR TO MKR TRNSL & CO TREAT. FR ("WS" REL TYPE MKR)

59 1 0 (B1) REL

FR LC

59 0 (B2) REL

SEE TABLE 51A, SH-D23-24 FOR LEAD DESIG

TO MKR COM EQPT FR ("U" REL TYPE MKR) OR TO MKR TRNSL & CD TREAT. FR ("WS" REL TYPE MKR)

59 55 54 50 49 45 44 40 39 35 34 30 29 25 24 20 19 15 14 10 9 5 4 0 (B3) REL

SEE TABLE 51A, SH-D24 FOR LEAD DESIG

FIG 58 (A & M ONLY)
(FOR FIG. 8)
(FOR COMBINED OR COMPLETING MKR)
SEE NOTE 212

TO CAD 112 SG

TO MKR COM EQPT FR ("WS" REL TYPE MKR ONLY) OR TO MKR 101 PBX DID UNIT (U TYPE MKR ONLY)

59 58 57 56 55 54 53 52 51 50 49 45 44 40 39 35 34 30 29 25 24 20 19 15 14 10 9 5 4 0 (B5) REL

TO MKR COM EQPT FR ("WS" REL TYPE MKR ONLY)

SEE TABLE 28 SH-D12 FOR LEAD DESIG

59 0 (C0) REL

TO MKR COM EQPT FR

59 0 (C1) REL

59 0 (C2) REL

SEE TABLE 51A, SH-D24 FOR LEAD DESIG

TO MKR TRNSL & RR FR ("U" REL TYPE MKR) OR TO MKR TRNSL & CD TREAT. FR ("WS" REL TYPE MKR)

59 0 (C3) REL

TO MKR COM EQPT FR ("WS" REL TYPE MKR) OR TO MKR CAMA FR ("U" REL TYPE MKR)

TO MKR COM EQPT FR

TO OSC SRT LW

TO CAD 197 MC-

TO MKR TRNSL & RR FR ("U" REL TYPE MKR) OR TO MKR TRNSL & CD TREAT. FR ("WS" REL TYPE MKR)

TBT S9 S5 S4 S0

59 58 57 56 55 54 50 49 45 40 39 35 34 32 31 30 29 25 24 20 19 15 14 10 9 5 0 (T0) REL

59 39 38 MT5 37 28 27 RTK- 26 22 21 RTI- 20 RTO- 19 00 (T1) REL

TO MKR COM EQPT FR

SEE TABLE 51A, SH-D24 FOR LEAD DESIG

TO CAD 157 (MFR DISC)

DRAWING ISSUE

43D	SVM CLK AMC
55D	RLR 4-W ANN
62D	JK
68D	
69A	
70D	

ISSUE 97A

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G4

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SHEET SIZE 6S

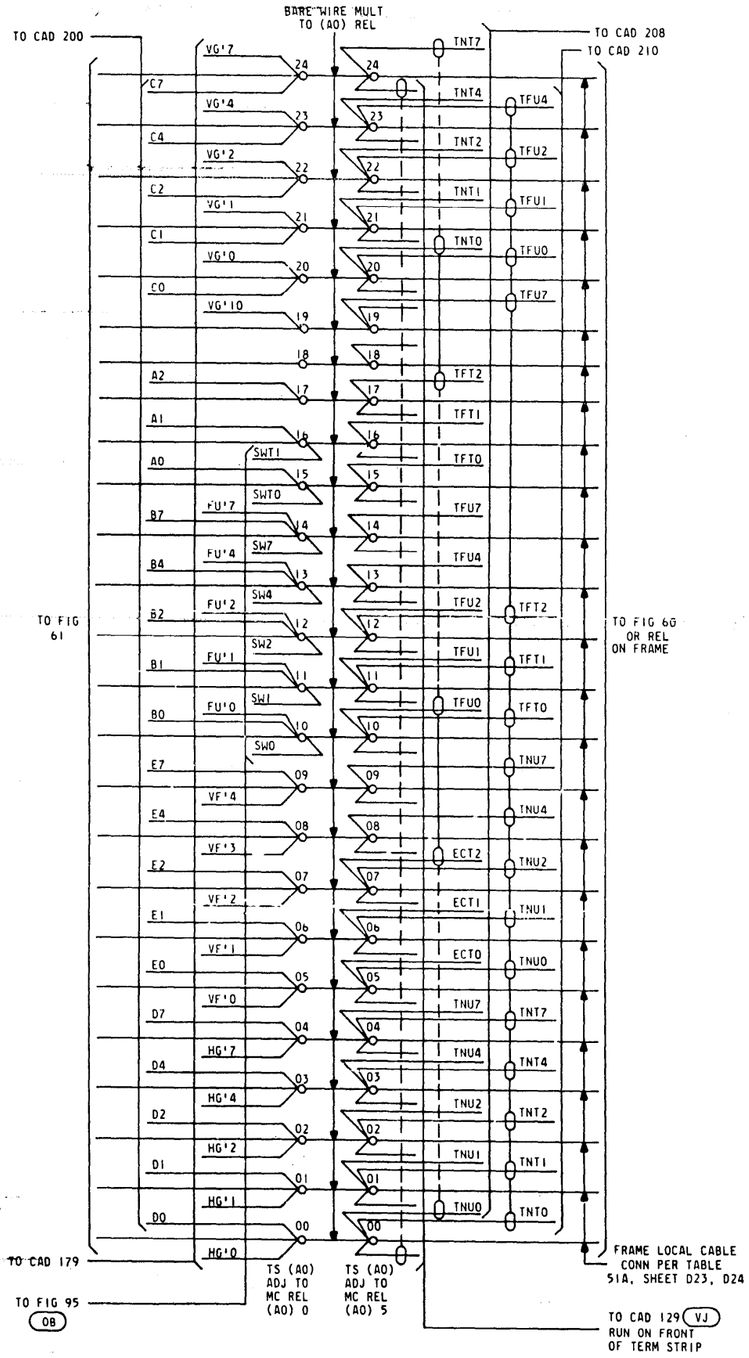
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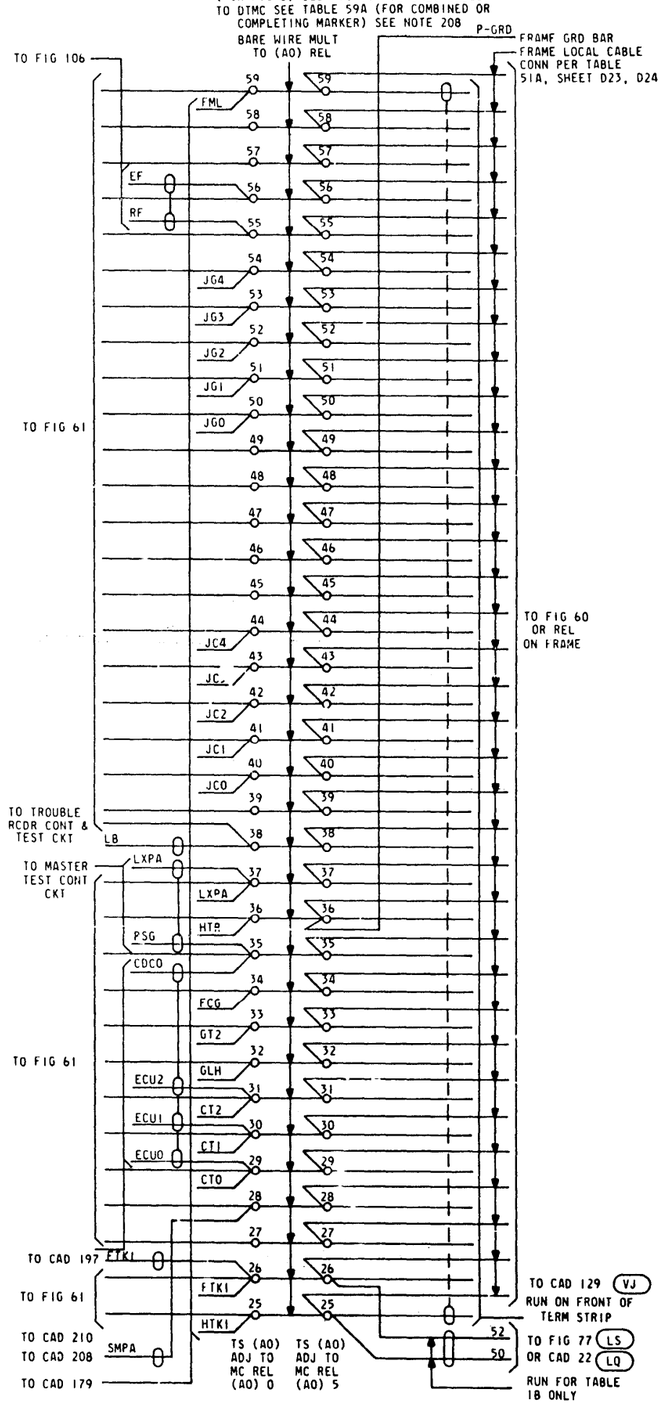
STABILOKE

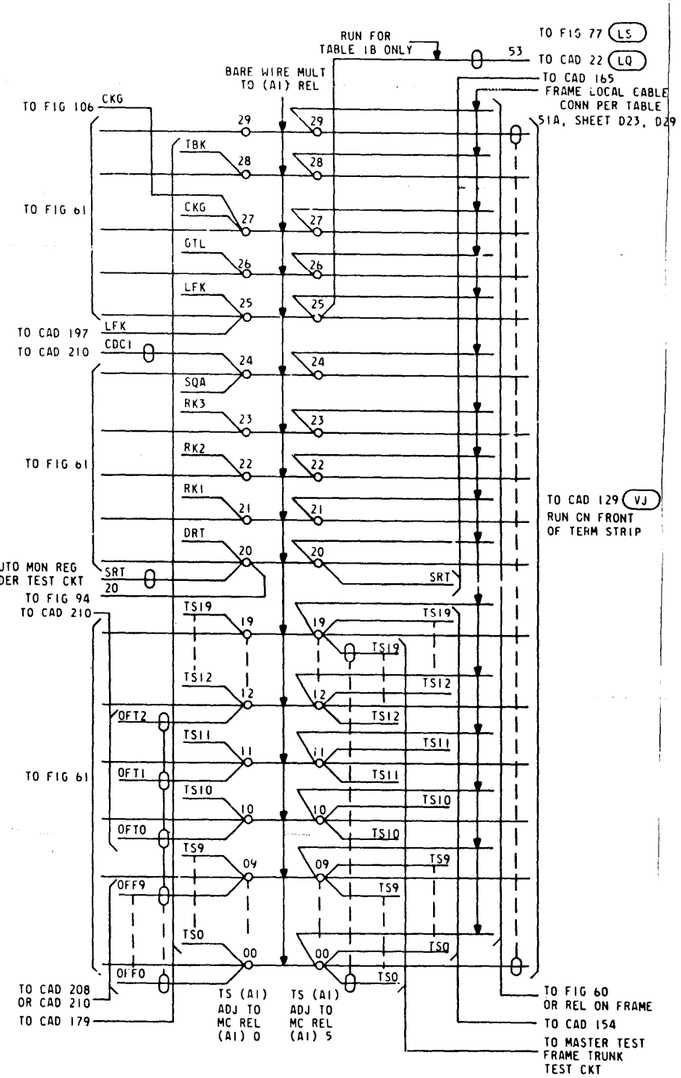
D-74051 (10-61)

PART OF FIG 59 (A & M ONLY)

(FOR FIG 8) SEE FIG 90 FOR SWBD CABLE
TO DTMC SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER) SEE NOTE 208







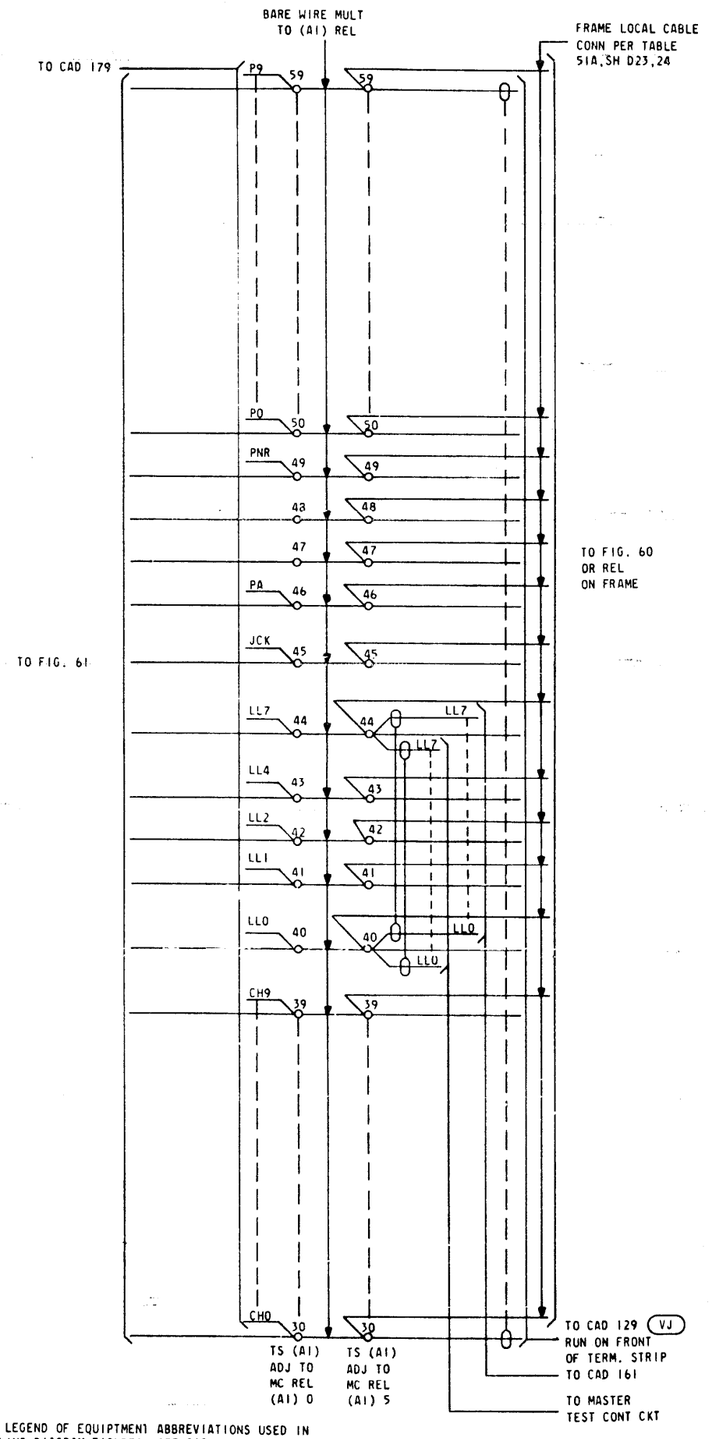
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		G5A

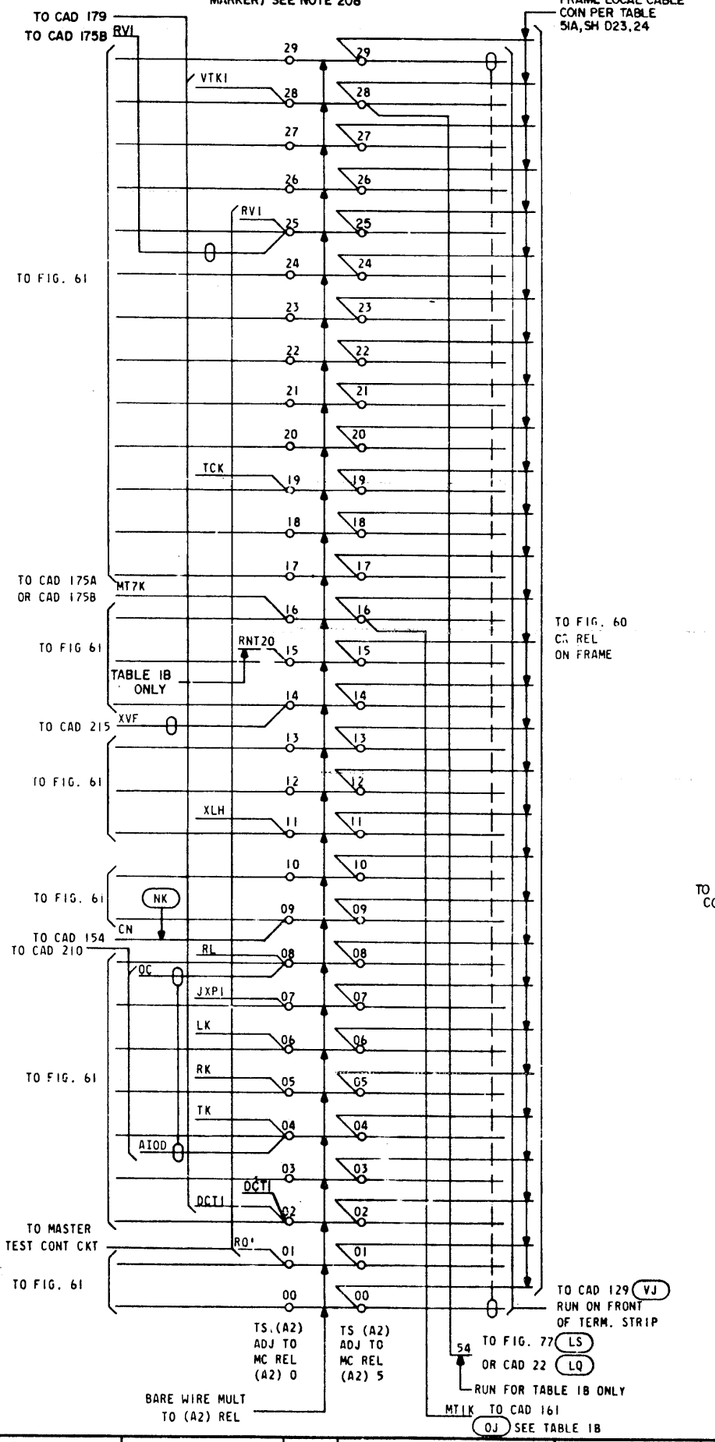
SD-25805-01-G5A

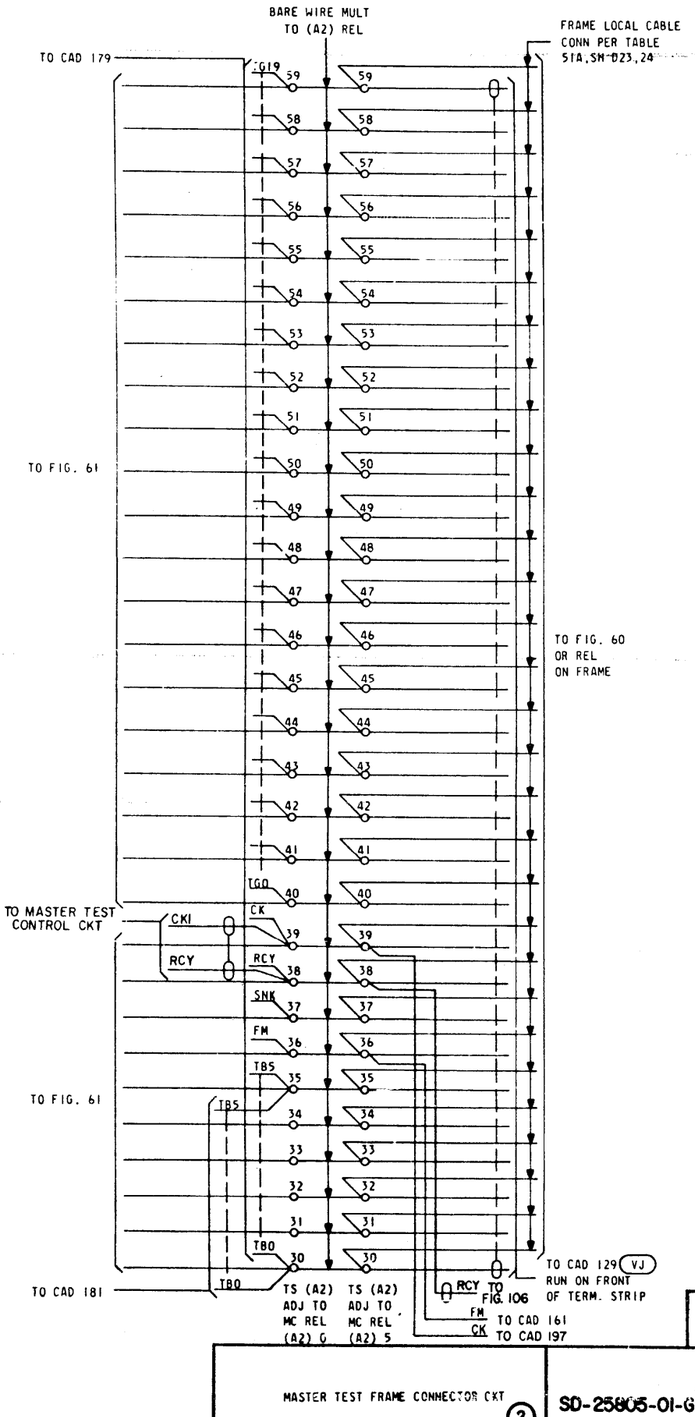
E-7481 (6-78) PRINTED IN U.S.A.

PART OF FIG. 59 (A&M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER) SEE NOTE 208







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT	2	SD-25805-01-658	ISSUE 98B
BELL TELEPHONE LABORATORIES INCORPORATED		6S	

SD-25805-01-658

PART OF FIG. 59 (A&M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC
SEE TABLE 59A, FOR COMBINED OR COMPLETING MARKER, SEE NOTE 208
PROVIDE ON MTC WITH 2/5 CONVERSION

BARE WIRE MULT TO (A3) REL

TO FIG. 106 CKG
TO CAD 215 GC
TO CAD 215 FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24
TO FIG. 61
TO CAD 210 TBL
TO FIG. 60 OR REL ON FRAME
XVGA XJS XHG XLG XLC XLR XJG XJC XVGB XTS XCS XCL XI
TO FIG. 61
TO CAD 215 TGR
TO CAD 129 (VJ) RUN ON FRONT OF TERM. STRIP
TO CAD 161 BY
TS (A3) ADJ TO MC REL (A3) 0
TS (A3) ADJ TO MC REL (A3) 5

TO CAD 208 TM2
TO CAD 181
TO CAD 215
TO FIG. 61
TB7 TB6
FU2 FU1 VG5 VG4
09 TO FIG. 95 RH
TO FIG 61
TO CAD 210 TK
TRL
XSS XLO XSL XRL XTCI XTC XMRL XTRL XBT XTRK XTSI XTSI XCH XLS XTBI XLV
TO FIG. 61
TO CAD 215 TNK
TO FIG 61
TO MASTER TEST CONT CKT XLS
TO CAD 179
LIN TO CAD 197
CIK NTB
TO FIG. 60 OR REL ON FRAME
SXT
FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24
TRLA
CK TO CAD 210
XHM XS
FRAME LOCAL CABLE CONN PER TABLE 51A, SH ~~D23,24~~
TO FIG. 60 OR REL ON FRAME
TO CAD 129 (VJ) RUN ON FRONT OF TERM. STRIP
TO FIG. 96
RUN ON FRONT OF TERM. STRIP
TO CAD 161
TS (A3) ADJ TO MC REL (A3) 0
TS (A3) ADJ TO MC REL (A3) 5
BARE WIRE MULT TO (A3) REL

TO CAD 175B
TBU9
BARE WIRE MULT TO (A4) REL
TBU9 TBU0 TBT9 TBT0
TO CAD 197
FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24
TO FIG.61
TBU0 TBT9 TBTO
TO FIG. 60 OR REL ON FRAME
TO CAD 179 ITR IFK
TO MASTER TEST CONT CKT
TOG TO CAD 197
TO CAD 129 (VJ) RUN ON FRONT OF TERM. STRIP
TS (A4) ADJ TO MC REL (A4) 0
TS (A4) ADJ TO MC REL (A4) 5

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 96B

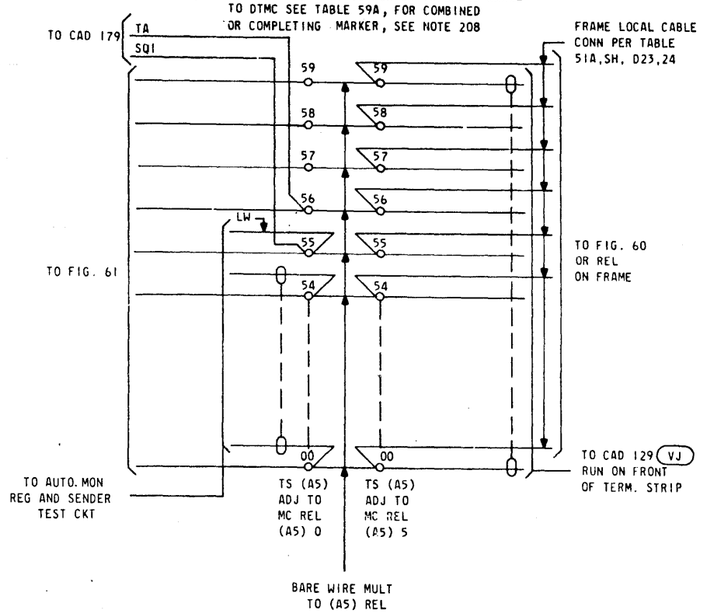
MASTER TEST FRAME CONNECTOR CKT ② SD-25805-01-G5C

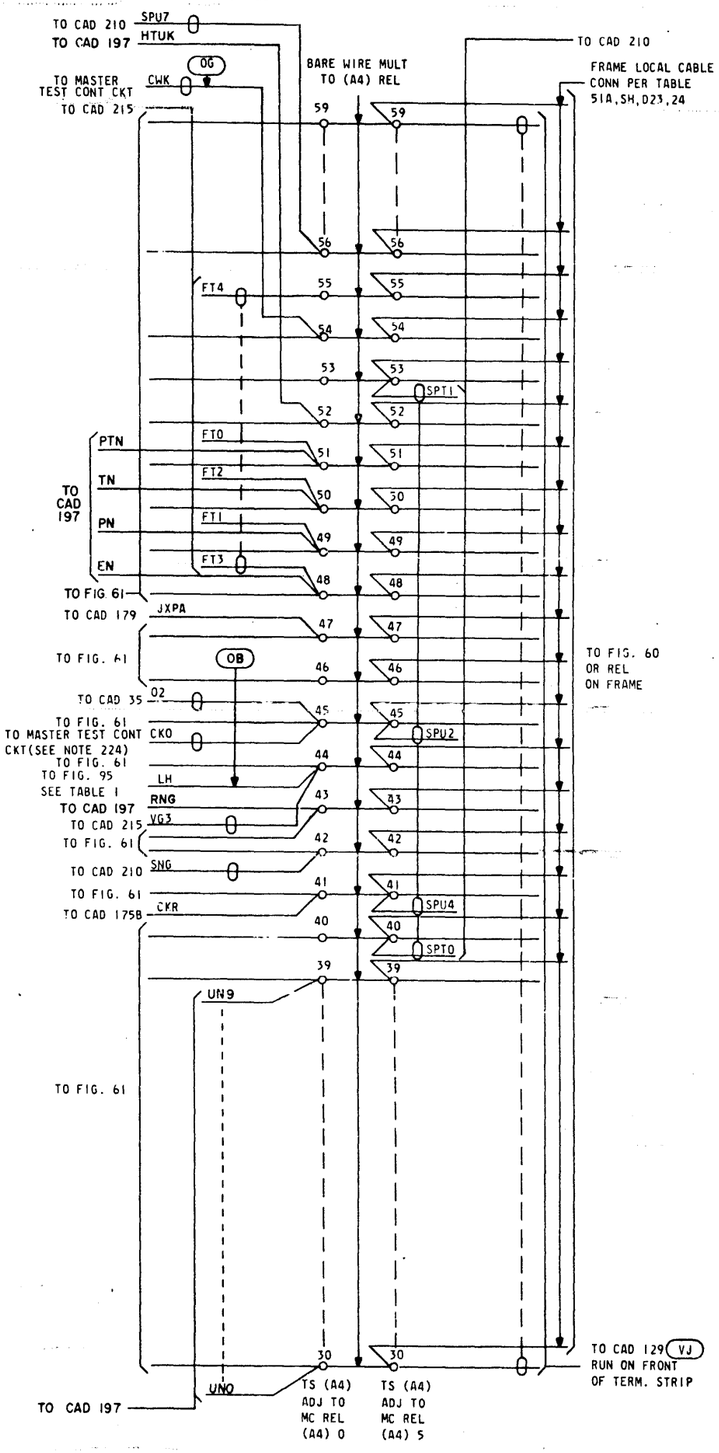
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SD-25805-01-G5C

PART OF FIG. 59 (A&M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE
TO DTMC SEE TABLE 59A, FOR COMBINED
OR COMPLETING MARKER, SEE NOTE 208





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G5D

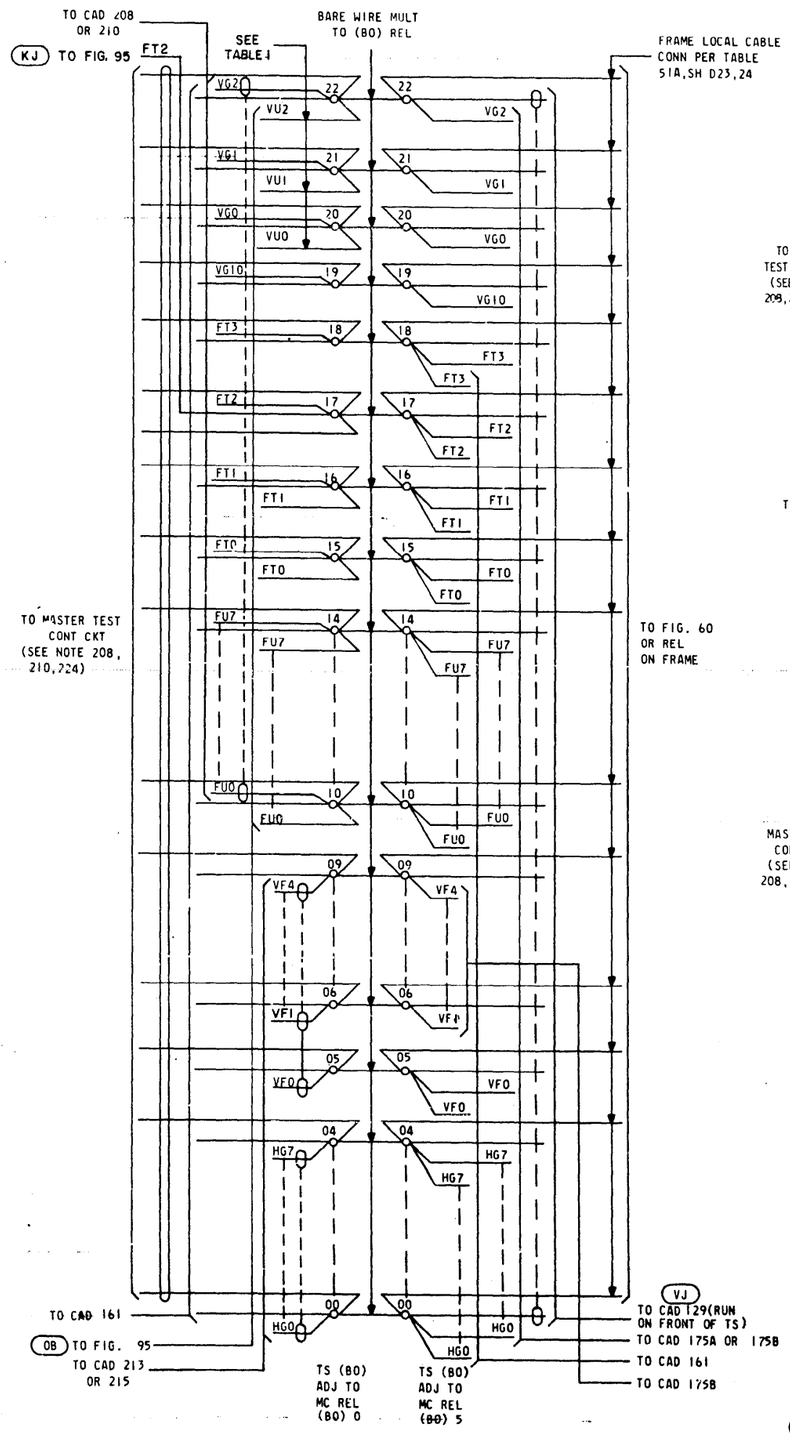
BELL TELEPHONE LABORATORIES INCORPORATED

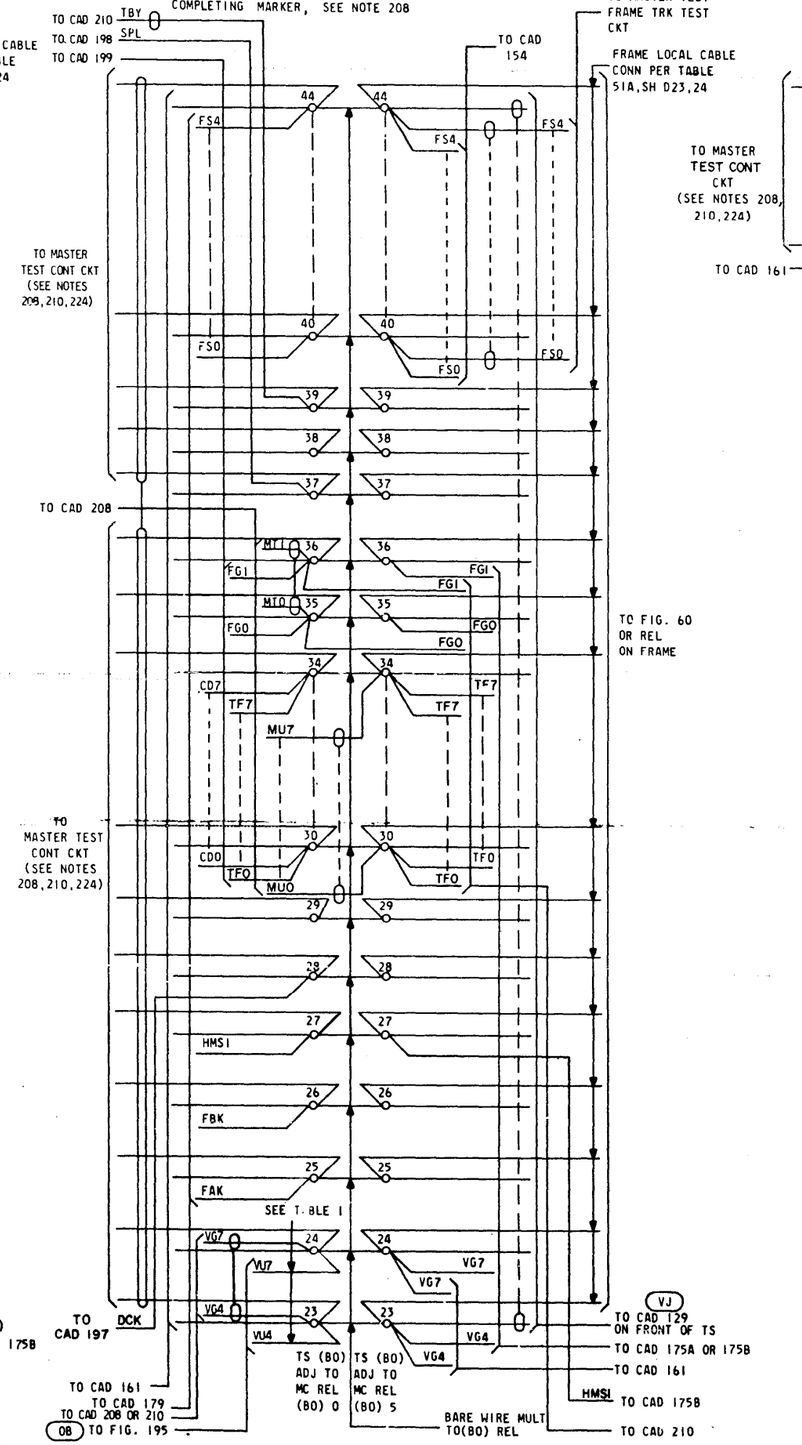
SYS ORG 6S

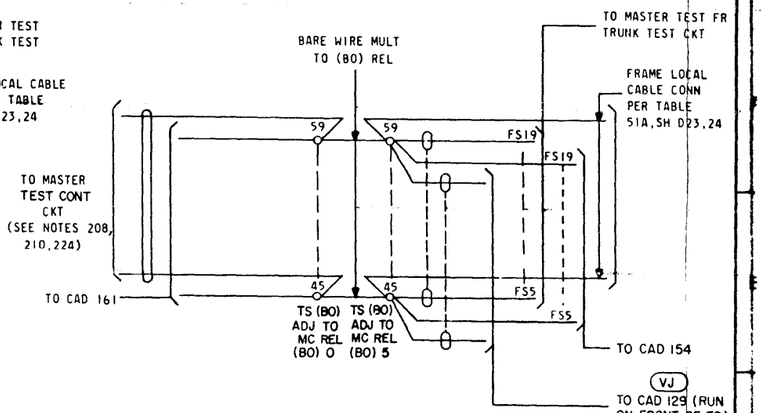
SD-25805-01-G5D

PART OF FIG. 59 (A & M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE
TO DTMC SEE TABLE 59A, FOR COMBINED OR
COMPLETING MARKER, SEE NOTE 208







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-G5E

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G5E

PART OF FIG. 59 (A & M ONLY)

TO CAD 213

FRAME LOCAL CABLE CONN PER TABLE 51A,SH D23,24

BARE WIRE MULT TO(BI) REL

TO CAD 112
TO CAD 175A OR 175B

20 CK1
FU4 19 OS4 19 RA4
FU3 18 OS3 18 RA3 OS3
FU2 17 OS2 17 RA2 OS2
FU1 16 OS1 16 RA1 OS1
FU0 15 OS0 15 RA0 OS0
VG4 14 14 CL5 CL5
12 12 CL3
VG0 10 10 CL1
09 09
OF
08 08
FU4
07 07
FU3
05 05
04 04
03 03
VG5 02 02
01 01 TSA
00 00

TO FIG 60 OR REL ON FRAME

TO FIG. 61

TO CAD 215

TO FIG 60 OR REL ON FRAME

TO MASTER TEST CONT CKT,(SEE NOTE 224)CONN LEADS 0-59 EXCEPT PER TABLE 59A,SH G6C

TS (BI) ADJ TO MC REL (BI) 0

TS (BI) ADJ TO MC REL (BI) 5

(VJ) TO CAD 129 RUN ON FRONT OF TERM. STRIP

AMA TO CAD 175A OR 175B

TO CAD 179

(OB) TO FIG. 95

RUN FOR TABLE I ONLY

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC
SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER (SEE NOTE 208)

FRAME LOCAL CABLE CONN PER TABLE 51A,SH D23,24

(AIS2) DIODE

TABLE I ONLY

TO CAD 161

TO CAD 175A OR 175B

41 41 LT3
40 40
39 39 CPU7 CRU7
35 35 CRU0 CRU0
34 34
30 30
FT4
29 29 OSG4
FT0
25 25 OSG0
24 24 CK5
21 21 CK2

TO FIG. 60 OR REL ON FRAME

TO FIG. 61

TO CAD 213

TO FIG. 95

TS (BI) ADJ TO MC REL (BI) 0

TS(BI) ADJ TO MC REL (BI) 5

BARE WIRE MULT TO(BI) REL

TO MASTER TEST CONT CKT,(SEE NOTE 224)CONN LEADS 0-59 EXCEPT PER TABLE 59A, SH G6C

(VJ) TO CAD 129 RUN ON FRONT OF TERM. STRIP

TO CAD 179

TO CAD 210 LT2

FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24

BARE WIRE MULT TO(BI) REL

TO CAD 161

59 59
58 58 INC
57 57 ASK
56 56 TRMF TOL
55 55
54 54 TAN4
51 TAN1
50 50 TAN
49 49 PCD1 PCD1
48 48 PCD PCD
47 47 PCR
46 46 THC
45 45 PHC
44 44 CIK FAC
43 43
42 42

TO FIG. 60 OR REL ON FRAME

TO FIG. 61

TO CAD 154

TO MASTER TEST CONT CKT (SEE NOTE 224) CONN LEADS 0-59 EXCEPT PER TABLE 59A, SH G6C

TS (BI) ADJ TO MC REL (BI) 0

TS (BI) ADJ TO MC REL (BI) 5

(VG) TO CAD 129 RUN ON FRONT OF TERM. STRIP

MPP TO MASTER TEST CONT CKT

TO CAD 1758

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-G5F

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6S

SD-25805-01-G5F

PART OF FIG. 59 (A & M ONLY)

TO MASTER TEST CONT CKT (SEE NOTE 224) CONN LEAD 0-59 EXCEPT PER TABLE 59A, SH-G6C

TO CAD 208 OR 210

BARE WIRE MULT TO (B2) REL

TO CAD 129 (RUN ON FRONT OF TERM. STRIP) (VJ)

TO FIG. 60 OR TO REL ON FRAME

TO CAD 175A OR 175B

FRAME LOCAL CABLE CONN PER TABLE 51A, SH-D23,24

TO CAD 161

TS (B2) ADJ TO MC REL B2 (0)

TS (B2) ADJ TO MC REL (B2)5

TO FIG. 61

TO AMTF (SDR TST)

TO CAD 179

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAMS FIGURES, SEE G1A.

TO MASTER TEST CONT CKT (SEE NOTE 224) CONN LEAD 0-59 EXCEPT PER TABLE 59A, SH-G6C

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER) (SEE NOTE 208)

BARE WIRE MULT TO (B2) REL

HO

TO CAD 175B

TO CAD 129 (RUN ON FRONT OF TERM. STRIP) (VJ)

TO FIG. 60 OR TO REL ON FRAME

TO CAD 175A OR 175B

FRAME LOCAL CABLE CONN PER TABLE 51A, SH-D23,24

TO CAD 161

TO CAD 208 OR 210

TS (B2) ADJ TO MC REL B2 (0)

TS (B2) ADJ TO MC REL (B2)5

TO FIG. 61

TO AMTF (SDR TST)

TO MASTER TEST CONT CKT (SEE NOTE 224) CONN LEAD 0-59 EXCEPT PER TABLE 59A, SH-G6C

BARE WIRE MULT TO (B2) REL

TO CAD 129 (RUN ON FRONT OF TERM. STRIP) (VJ)

TO FIG. 60 OR TO REL ON FRAME

FRAME LOCAL CABLE CONN PER TABLE 51A, SH-D23,24

TO CAD 208 OR 210

TS (B2) ADJ TO MC REL B2 (0)

TS (B2) ADJ TO MC REL (B2)5

TO CAD 175B

H7 TO CAD 175A OR 175B

TO FIG. 61

TO AMTF (SDR TST)

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

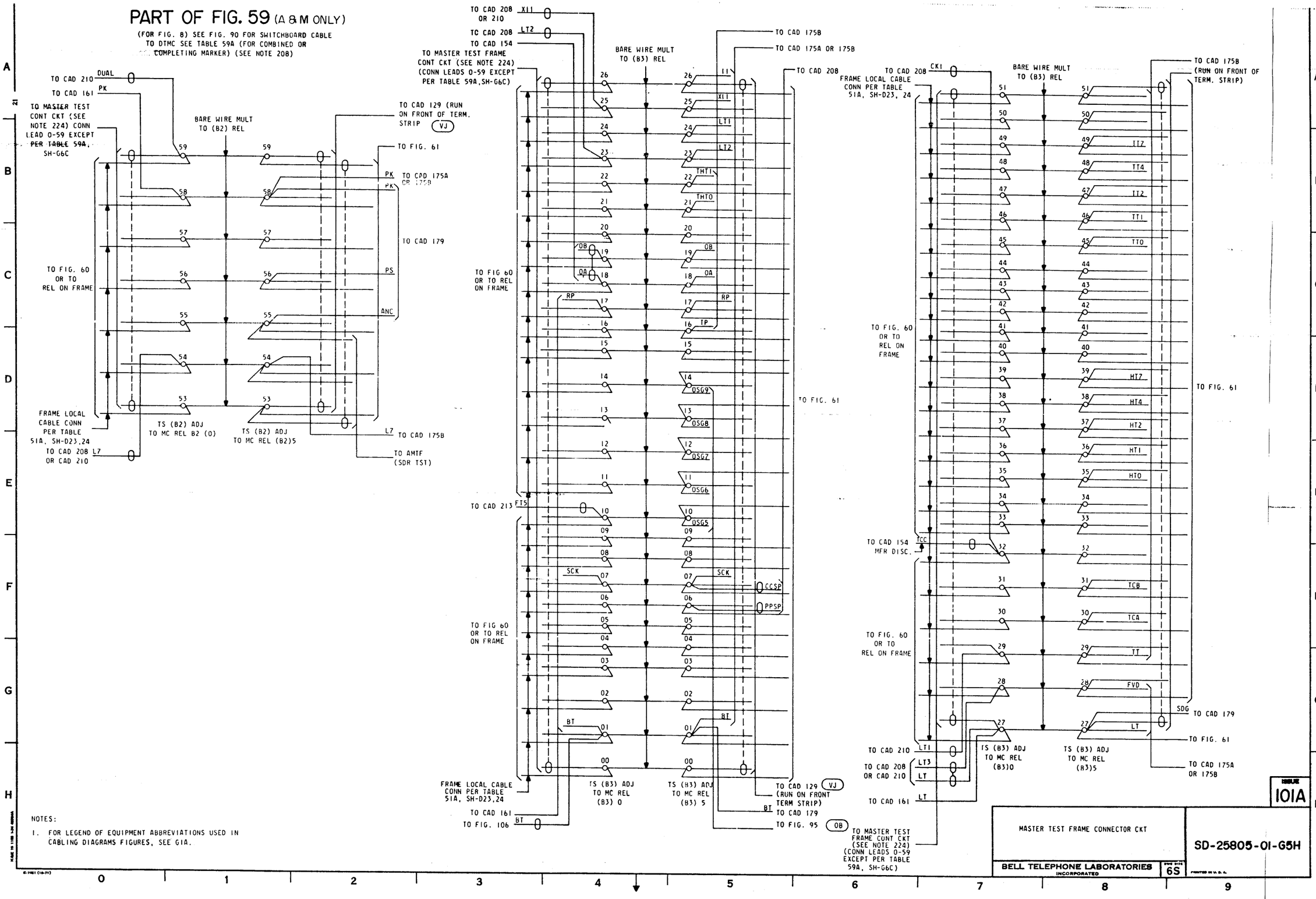
SD-25805-01-G5G

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET SIZE 6S

PART OF FIG. 59 (A & M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER) (SEE NOTE 208)



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAMS FIGURES, SEE G1A.

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G5H

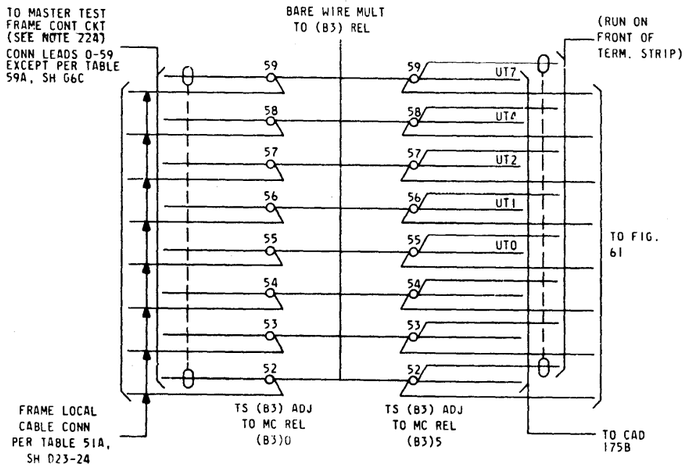
BELL TELEPHONE LABORATORIES INCORPORATED

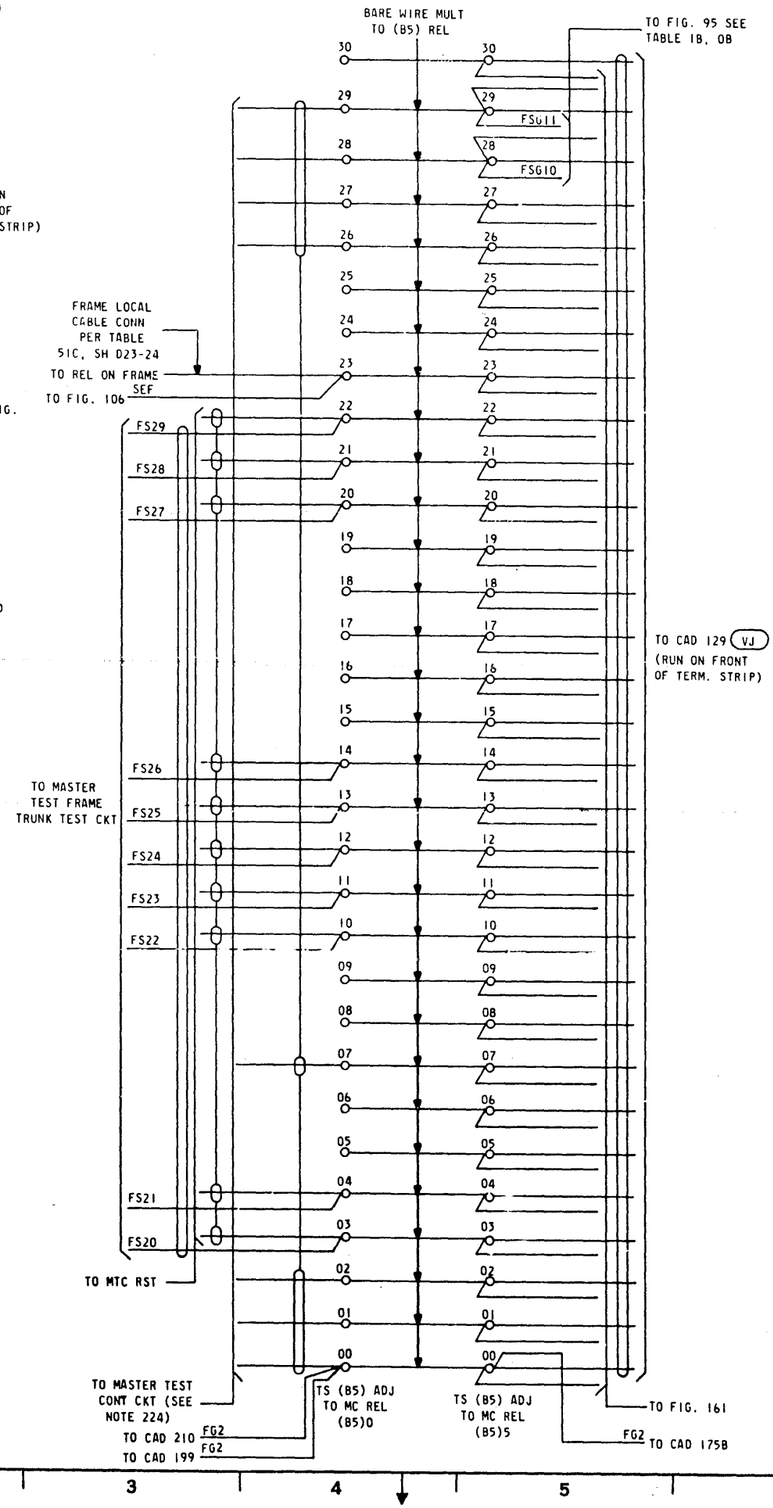
SIZE 6S

SD-25805-01-G5H

PART OF FIG. 59 (A&M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC
SEE TABLE 59A (FOR COMBINED ~~OR~~ COMPLETING MARKER)
(SEE NOTE 208)





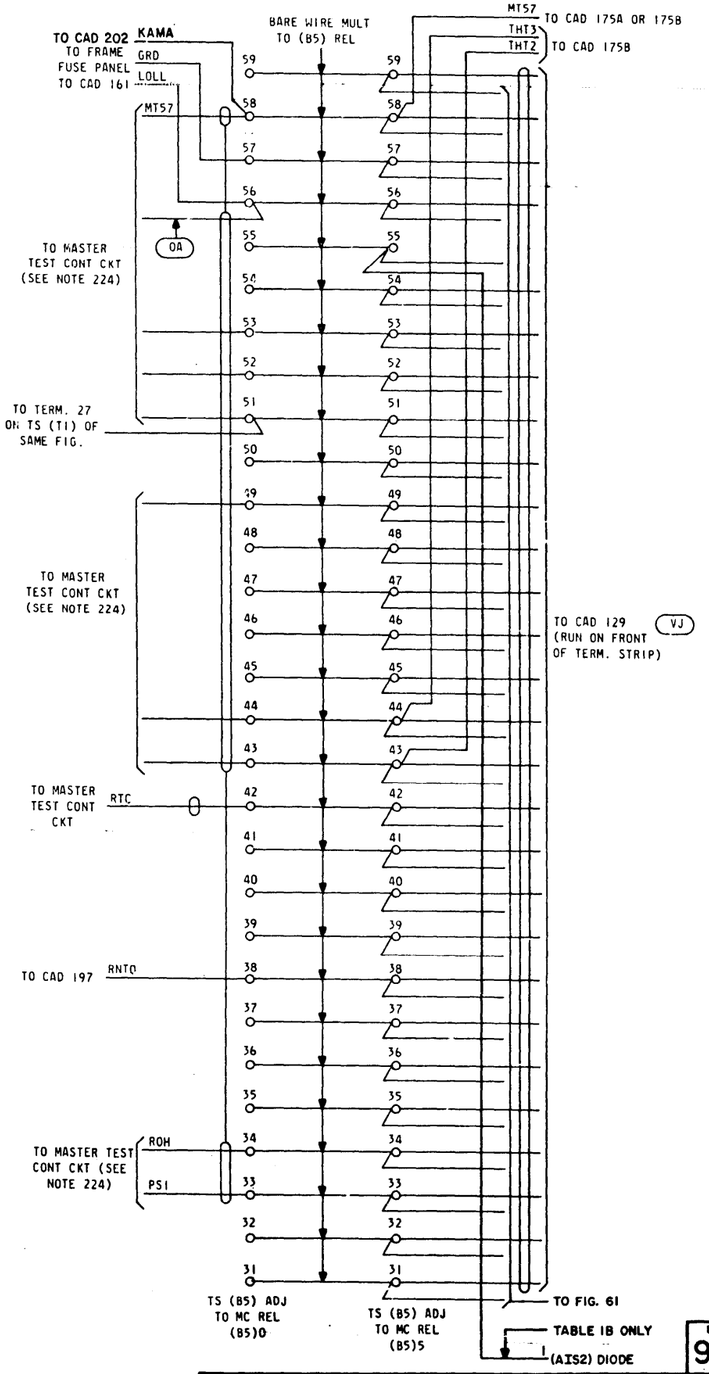


FIGURE 97A

MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G6A
BELL TELEPHONE LABORATORIES INCORPORATED	SHEET CODE 6S

PART OF FIG. 59 (A & M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC
SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER)
SEE NOTE 208

TO FIG. 60 OR REL ON FRAME
TO CAD 210
BARE WIRE MULT TO(CO) REL
TO FIG. 61

MT 29 HGT9
FNB 28 HGT8
FNA 27 HGT7
FN 26 HGT6
ITR 25 HGT5
SOG 24 HGT4
HMSI 23 HGT3
RK3 22 HGT2
TBK 21 HGT1
CKG 20 HGT0
RCDO 19 VFT4
18 VFT3
EVN 17 VFT2
ODD 16 VFT1
MTK 15 VTF0
14
12
11 VGT11
07 VGT7
06 VGT6
05 VGT5
00 VGT0

TO MASTER TEST CONT CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A, SHEET G6C) (SEE NOTE 224)

TO CAD 129 (VJ) (RUN ON FRONT OF TERM. STRIP)

TO FIG. 60 FRAME LOCAL CABLE CONN PER TABLE 51A, SHEET D23,24

TS(CO) ADJ TO MC REL (CO)0

TS(CO) ADJ TO MC REL (CO)5

TO CAD 179

TO FIG 60 OR REL ON FRAME
TO CAD 1758
TO CAD 208
TO CAD 215
OTT
NDT
TP
TO CAD 1758
TO FIG. 61

59 OTT
58
57
56
55 LCK
54 HGK
53 RTE4
SPTI 51 RTE1
SPTO 50 RTEO
RP 49
TP 48
45
SPU7 44 FUT7
SPUO 40 FUTO
39 PRR
XVG 38
37 CON
TCHK 36 TCHK
STP2 35 STP2
STP2 34 STPI
STPI
STPI 33
32 FCK
31
30 DTK

TO MASTER TEST CONT CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A, SHEET G6C) (SEE NOTE 224)

TO CAD 129 (VJ) (RUN ON FRONT OF TERM. STRIP)

TO CAD 197 FLG
TO CAD 161
TO FIG. 106 FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24

TS(CO) ADJ TO MC REL (CO)0

TS(CO) ADJ TO MC REL (CO)5

BARE WIRE MULT TO(CO) REL

FCK
TO CAD 175A OR 175B
TO CAD 179

TO MASTER TEST CONT CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A SHEET G6C) (SEE NOTE 224)

TO FIG. 60 OR REL ON FRAME
TO FIG. 61

29 29
20 20
19 19 CS19
00 00 CS0

TO CAD 129 (VJ) (RUN OF FRONT OF TERM. STRIP)

FRAME LOCAL CABLE CONN PER TABLE 51A, SHEET D23,24

TS(CI) ADJ TO MC REL (CI)0

TS(CI) ADJ TO MC REL (CI)5

TO CAD 179

BARE WIRE MULT TO(CI) REL

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 98B

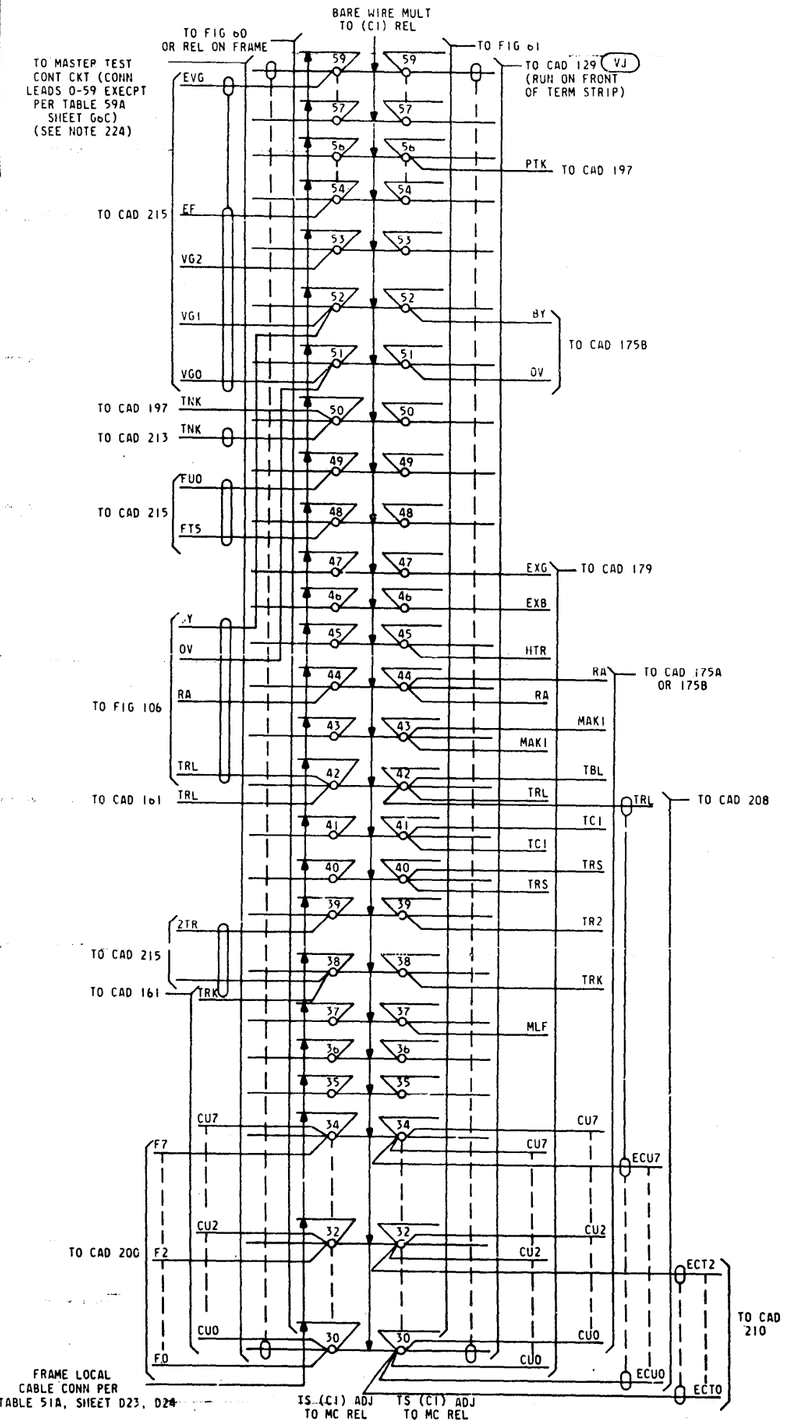
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G6B

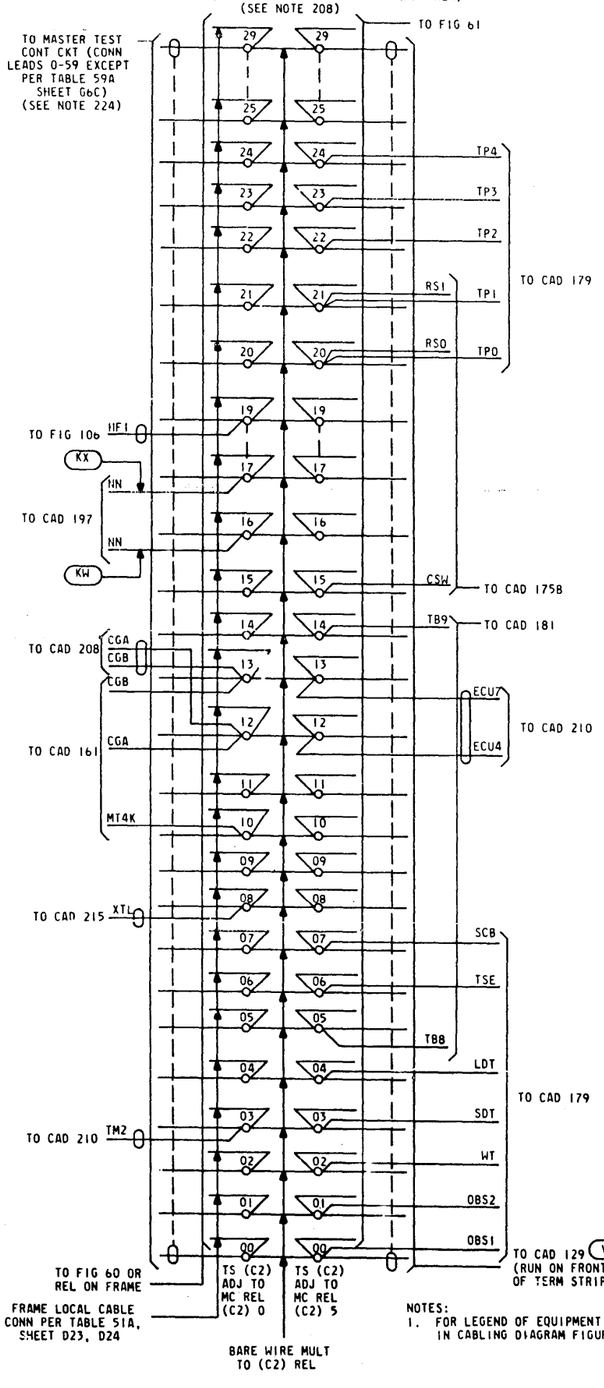
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SD-25805-01-G6B

PART OF FIG 59 (A & M ONLY)

(FOR FIG 8) SEE FIG 90 FOR SWITCHBOARD CABLE TO DTMC
SEE TABLE 59A (FOR COMBINED OR COMPLETING MARKER)
(SEE NOTE 208)





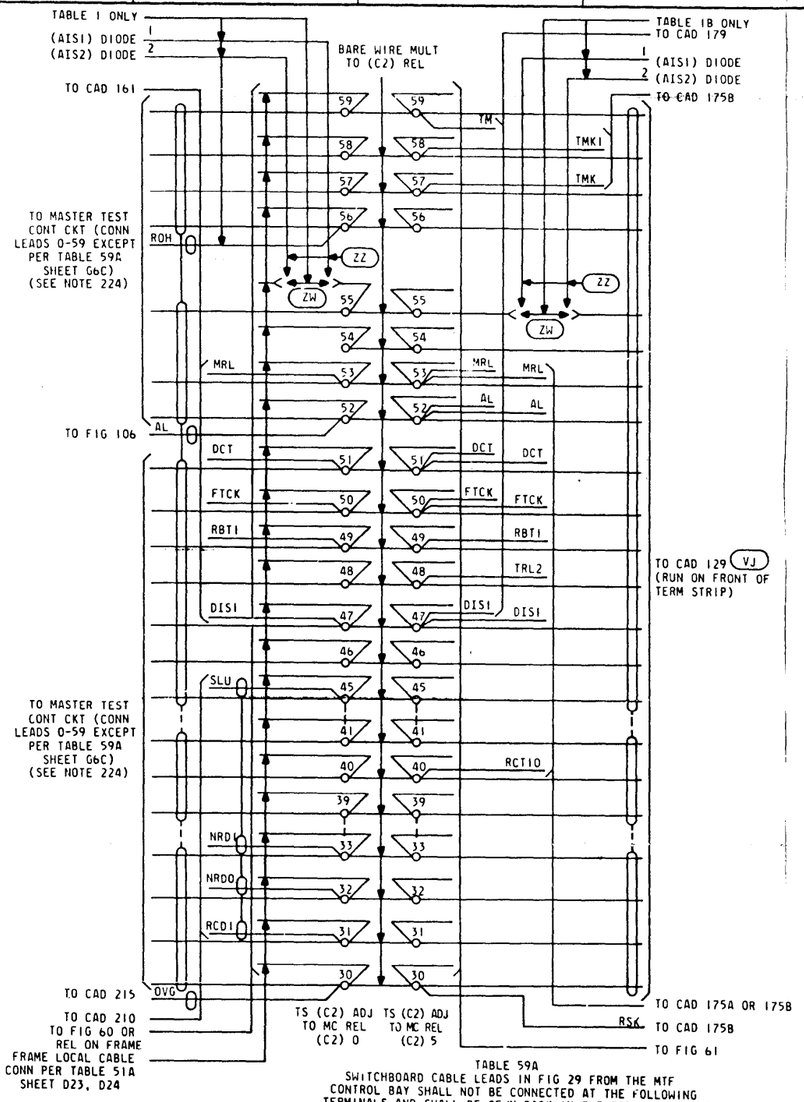


TABLE 59A
SWITCHBOARD CABLE LEADS IN FIG 29 FROM THE MTF CONTROL BAY SHALL NOT BE CONNECTED AT THE FOLLOWING TERMINALS AND SHALL BE SEWN BACK IN THE FORM AS SPARES.

TO DESIG	TERMINAL NO.
BO	38 & 39
B3	9
CO	38 & 39
C1*	50-55, 57, 58 & 59
C2	1,10,11 & 59
C3**	37**,38,40-45,48,49,53-59

* CONNECT C1-50 FROM MTC TO C1-55 ON MTC PER QY OPTION
** C3-37 SHALL BE CONNECTED PER N OPTION

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
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PART OF FIG. 59 (A & M ONLY)

(FOR APP FIG.8) SEE FIG.90 FOR SWBD CA
TO DTMC SEE TABLE 59A SH-G6C (FOR
COMBINED OR COMPLETING MKR) SEE NOTE 208

TO CAD 208 OR 210
TO CAD 210
TO FIG. 60 OR REL ON FRAME

BARE WIRE MULT TO (C3) REL

TO FIG. 61
TABLE 1B ONLY

TO MASTER TEST CONN CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A, SHEET G6C) (SEE NOTE 224)

TO CAD 129 (VJ) (RUN ON FRONT OF TERM. STRIP)

TO MASTER TEST CONT CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A, SHEET G6C) (SEE NOTE 224)

TO CAD 197 SON
TO CAD 213 & 215

TO FIG. 61
TABLE 1B ONLY

TO MASTER TEST CONT CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A, SHEET G6C) (SEE NOTE 224)

TO FIG. 106
TO CAD 213

TO CAD 129 (VJ) (RUN ON FRONT OF TERM. STRIP)

TO FIG. 106

TO MASTER TEST CONN CKT (CONN LEADS 0-59 EXCEPT PER TABLE 59A, SHEET G6C) (SEE NOTE 224)

TO CAD 161

TS (C3) ADJ TO MC REL (C3) 0

TS (C3) ADJ TO MC REL (C3) 5

TO CAD 175A OR 175B
TO CAD 179
TO FIG. 95 (OB)
CMK TO FIG.60
ECN TO CAD175B

FRAME LOCAL CABLE CONN PER TABLE 51A, SHEET D23,D24

TO CAD 210
TO CAD 208 OR 210
TO FIG 60 OR REL ON FRAME
FRAME LOCAL CABLE CONN PER TABLE 51A SHEET D23,D24

(C3) ADJ TO MC REL (C3) 0

TS (C3) ADJ TO MC REL (C3) 5

BARE WIRE MULT TO (C3) REL

TO CAD 175A OR 175B
TO CAD 179
TO FIG. 95 (OB)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

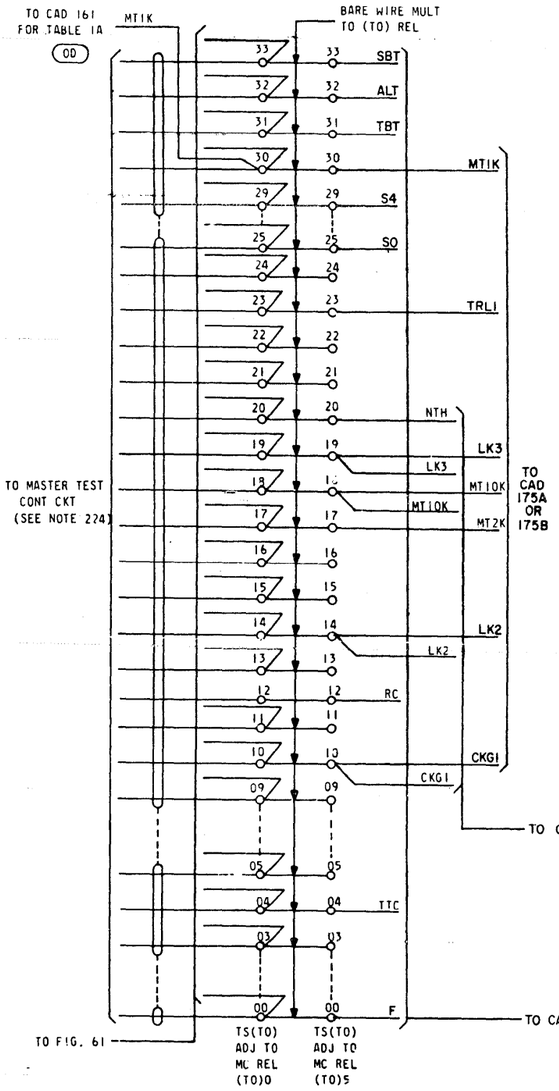
SD-25805-01-G6D

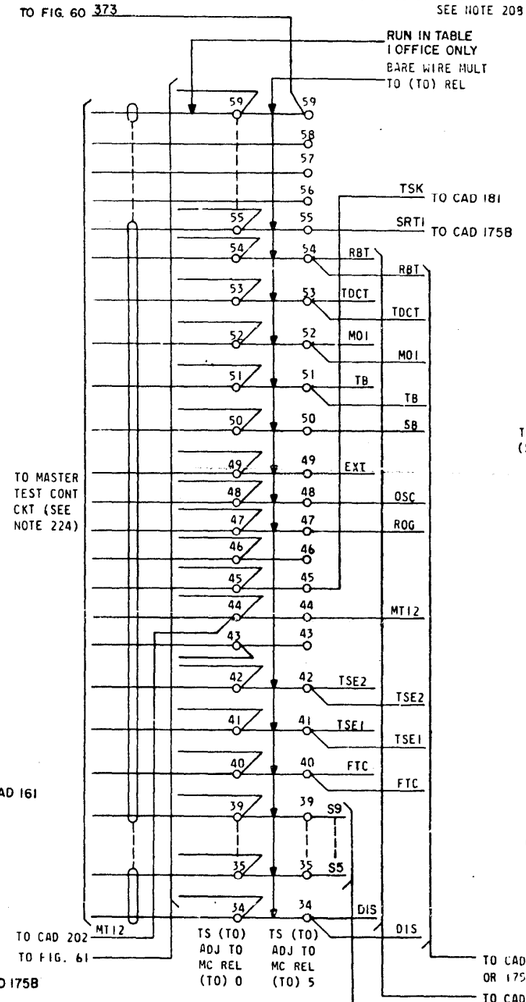
BELL TELEPHONE LABORATORIES INCORPORATED

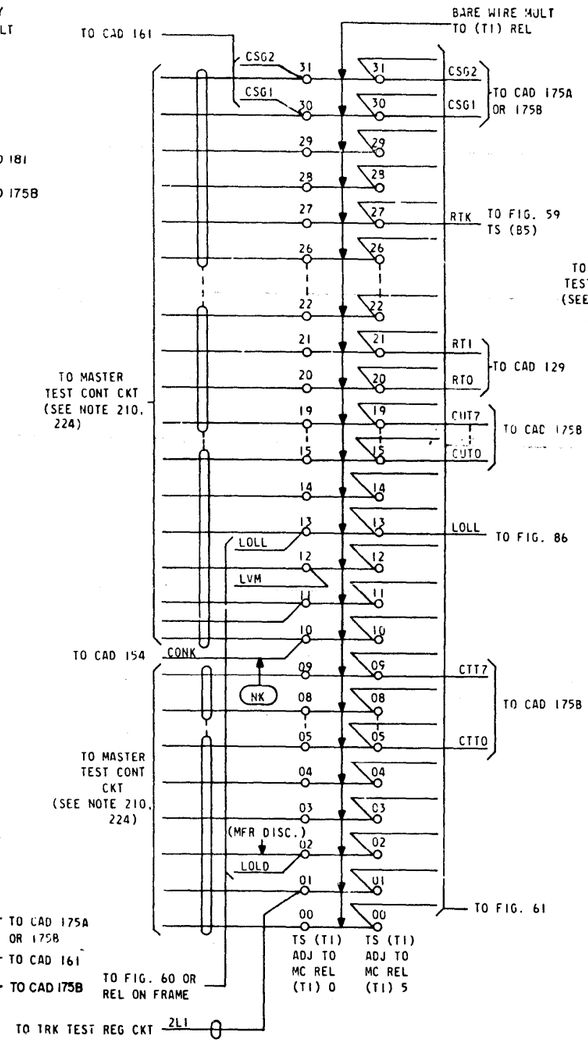
6S

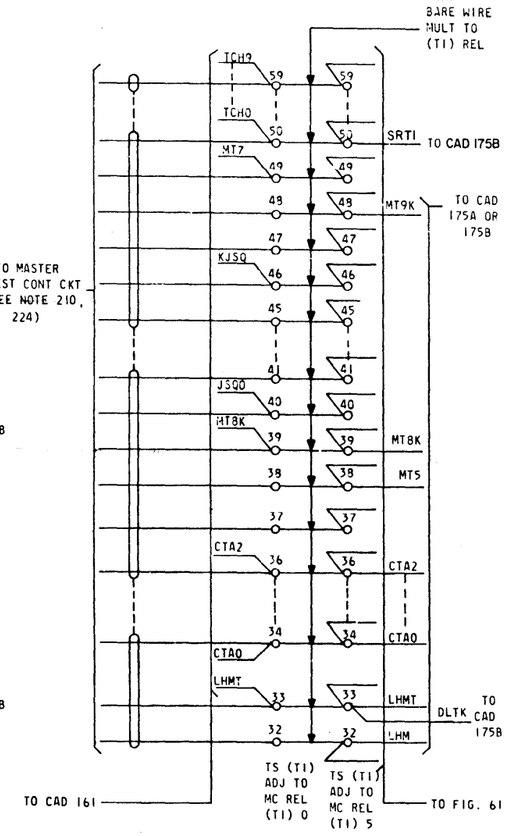
PART OF FIG. 59 (A&M ONLY)

(FOR FIG. 8)
SEE FIG. 90 FOR SWITCHBOARD CABLE TO DTMC
SEE TABLE 59A
(FOR COMBINED OR COMPLETING MARKER)
SEE NOTE 208









NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

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ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

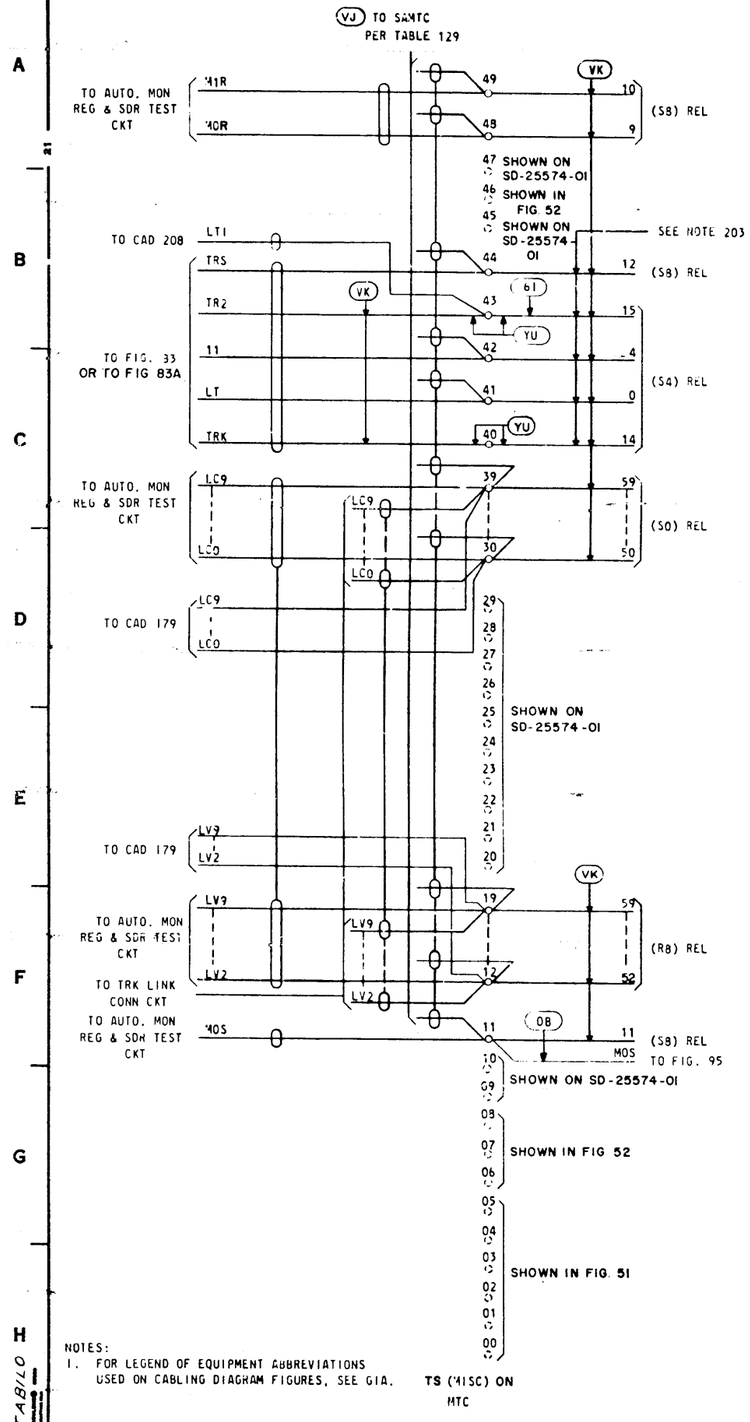
SD-25805-01-G6E

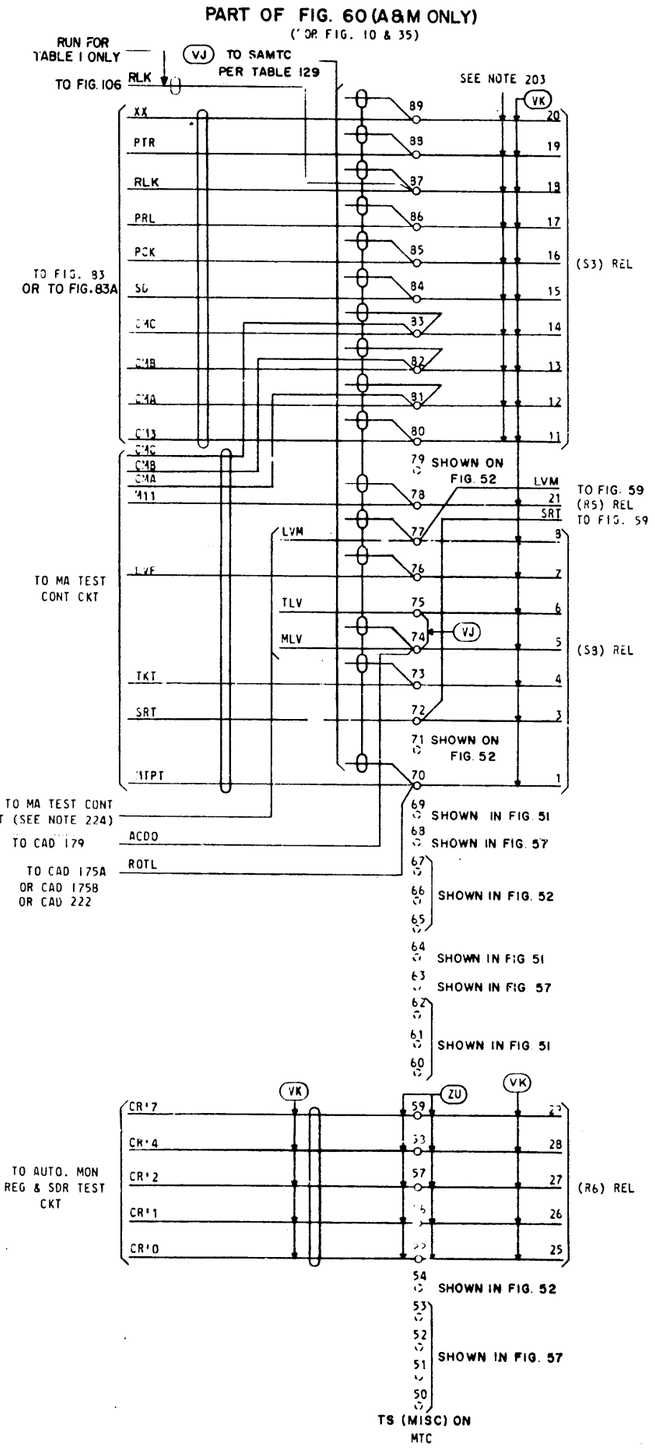
BELL TELEPHONE LABORATORIES INCORPORATED

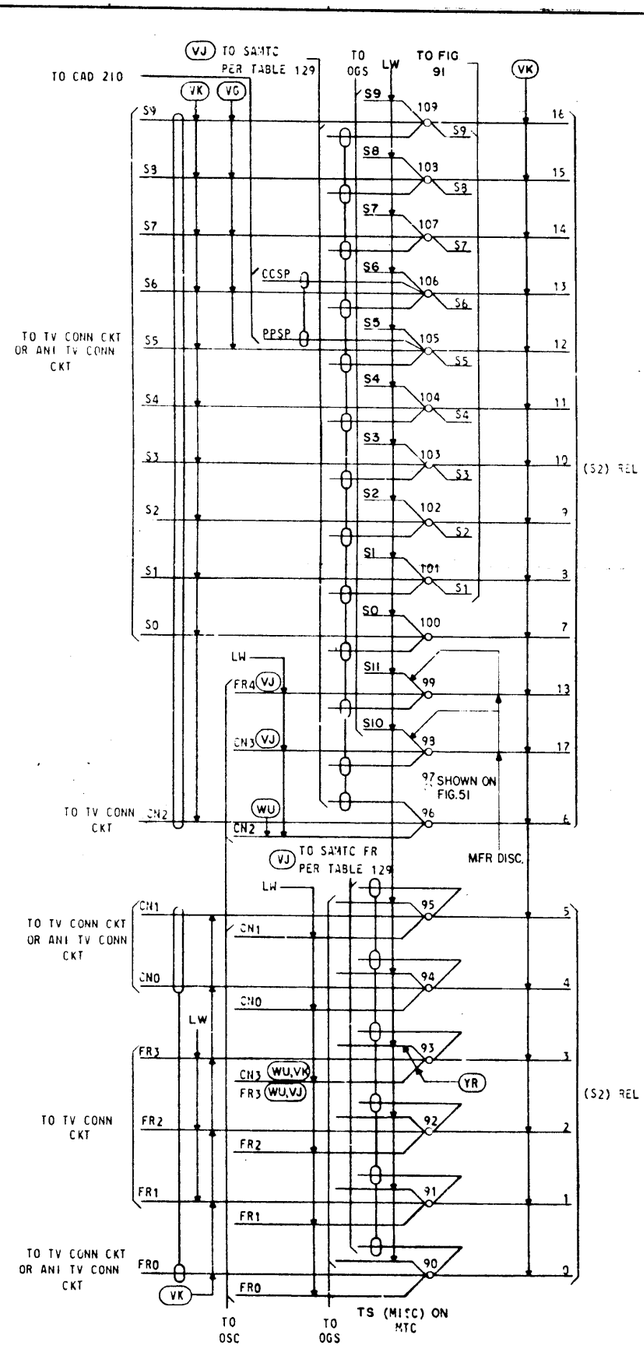
6S

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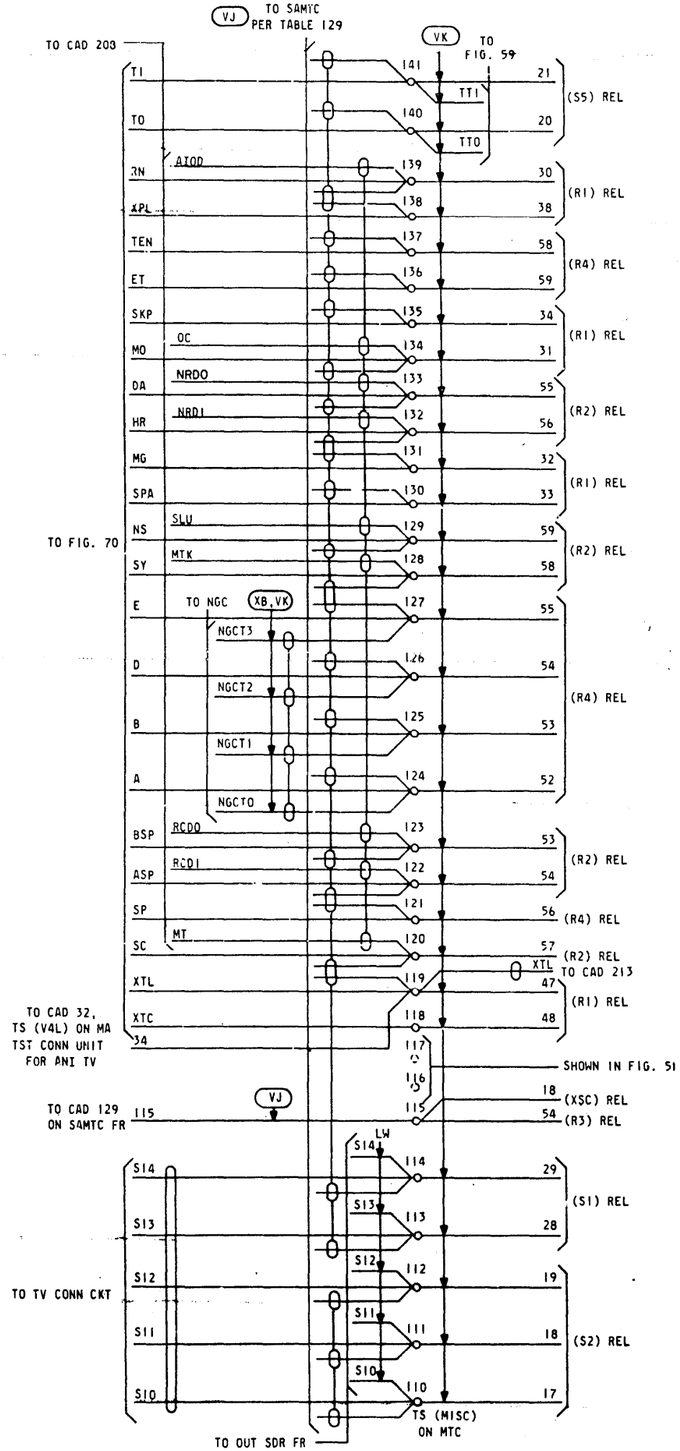
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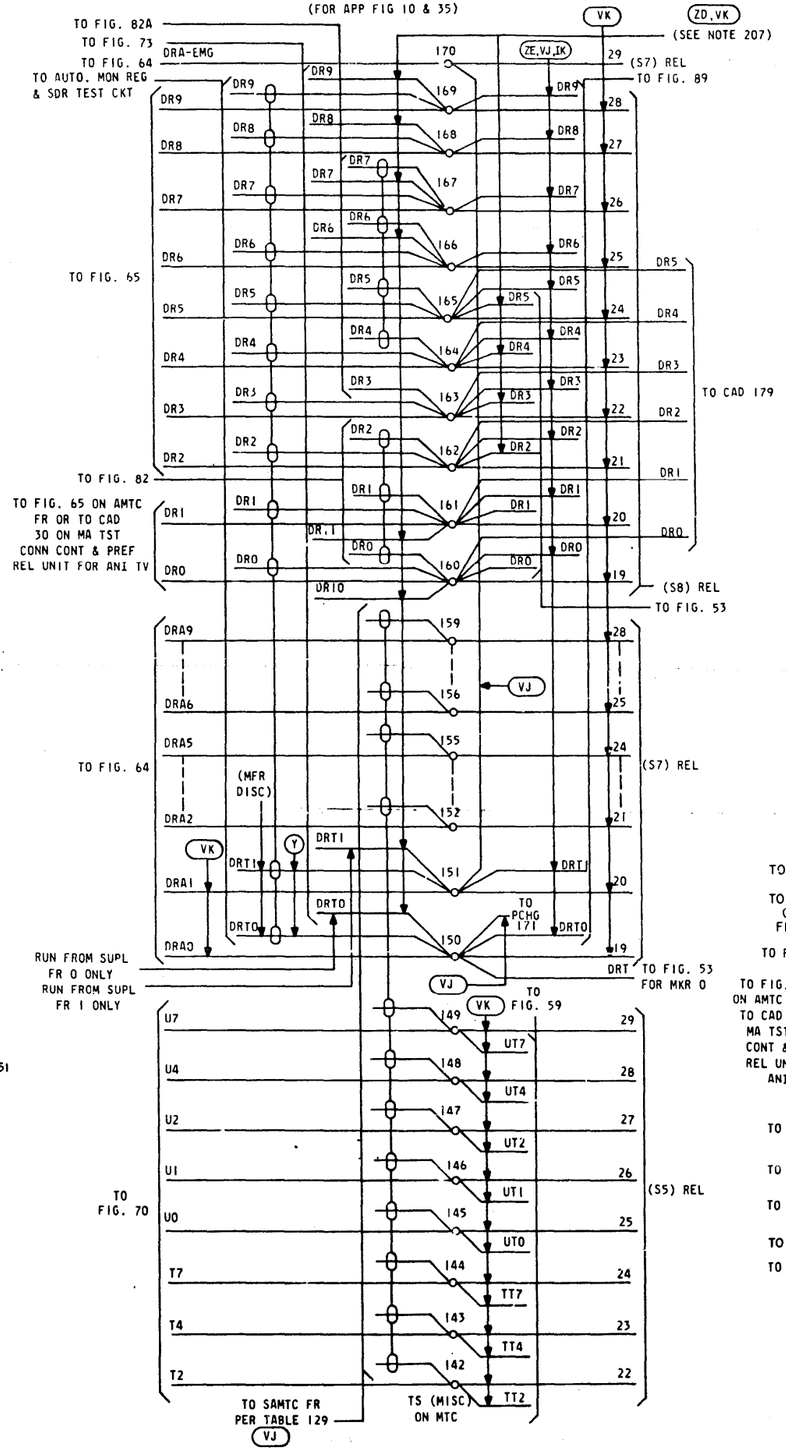
SD-25805-01-G7

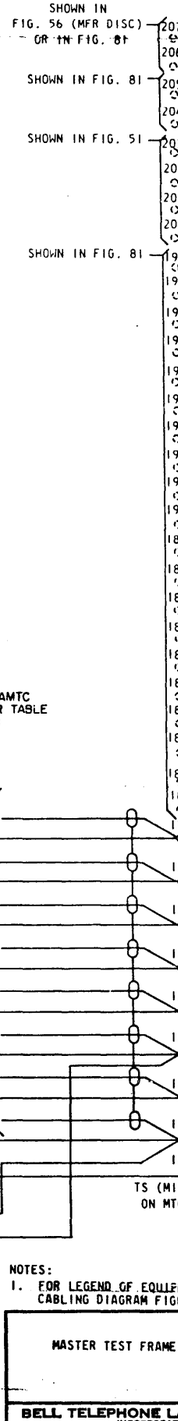
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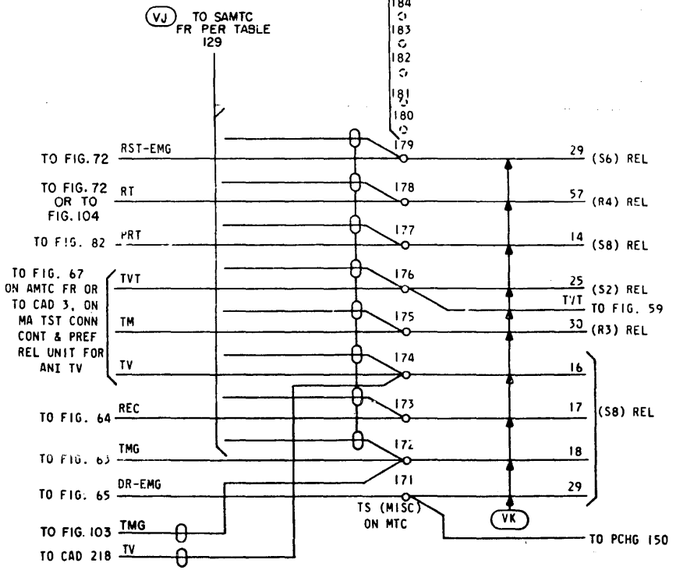
PART OF FIG. 60 (A & M ONLY)

(FOR APP FIG 10 & 35)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE 73D

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

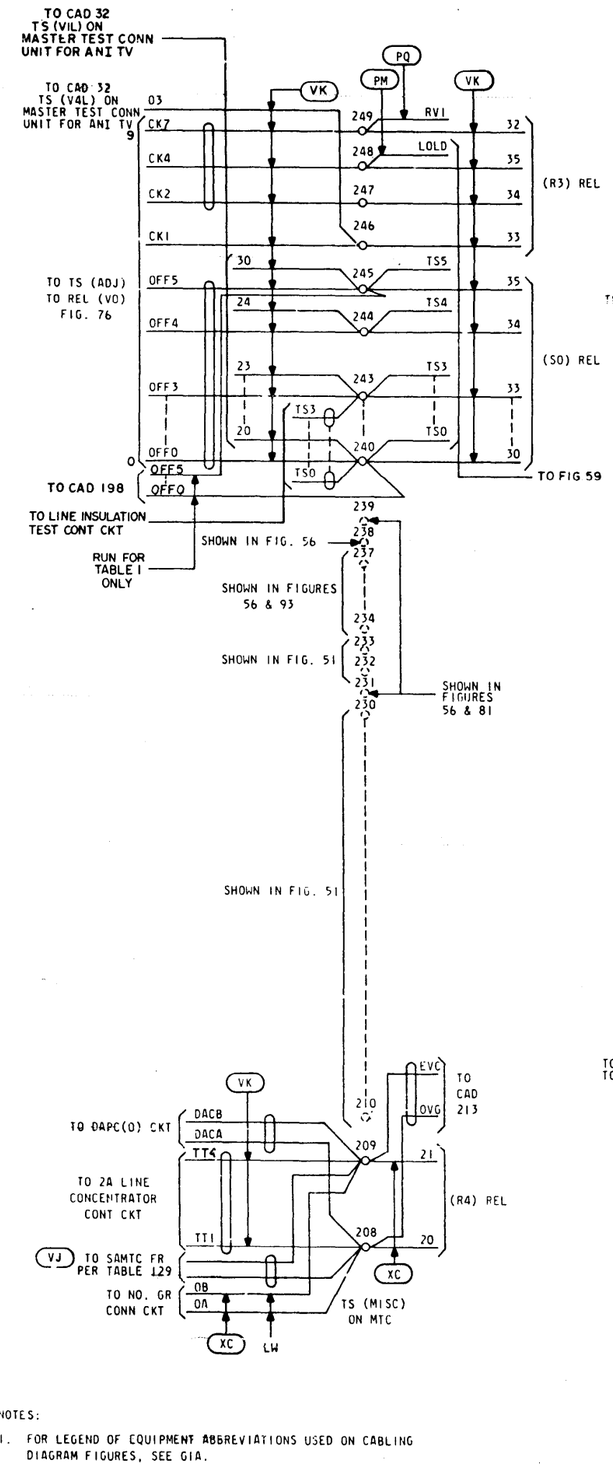
SD-25805-01-68

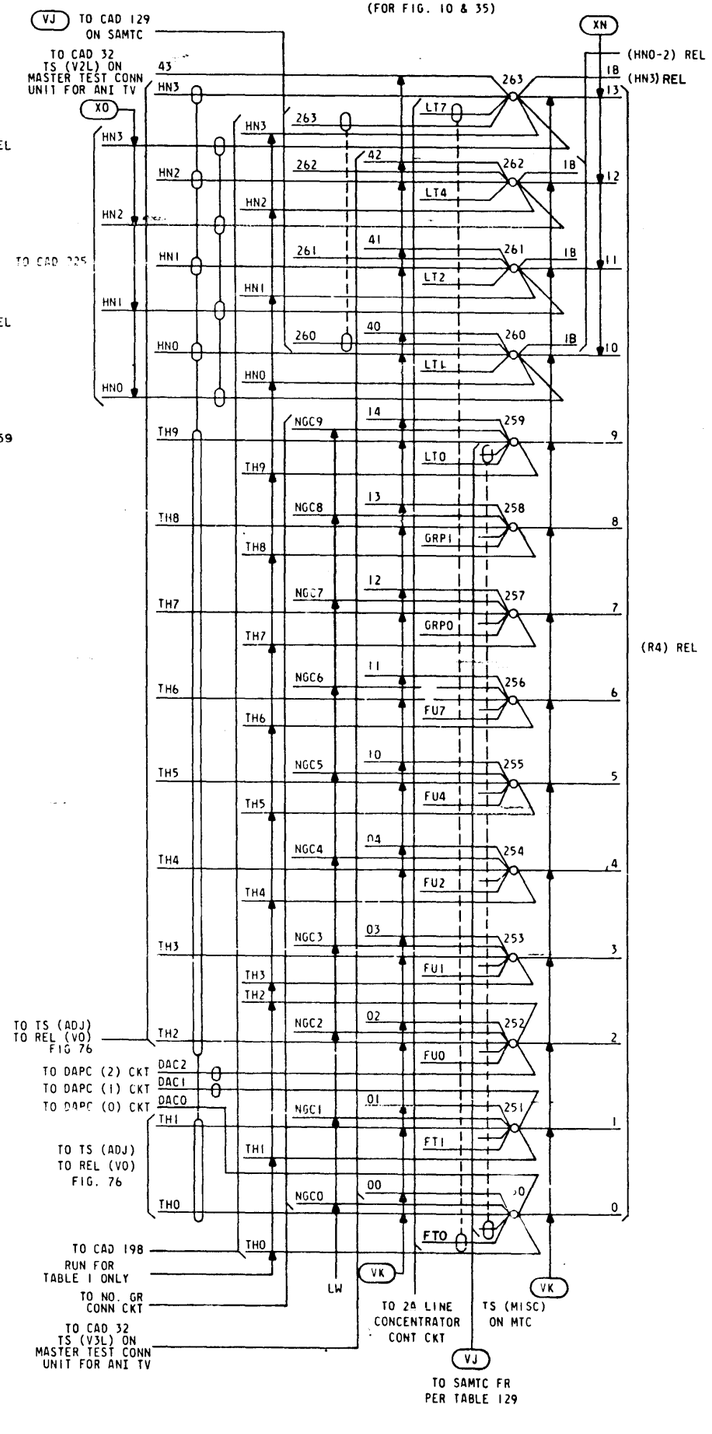
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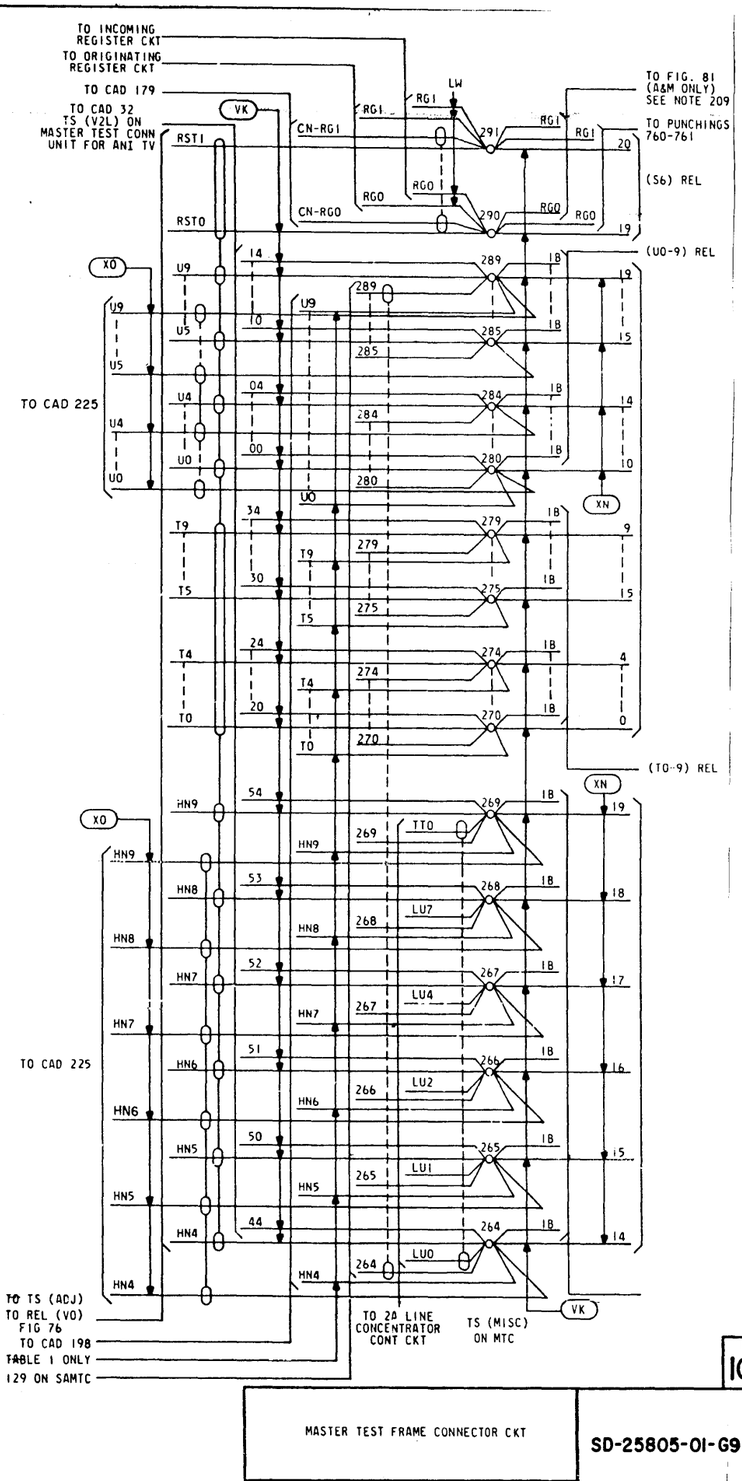
6S

PART OF FIG. 60 (A&M ONLY)

(FOR FIG. 10 & 35)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G9

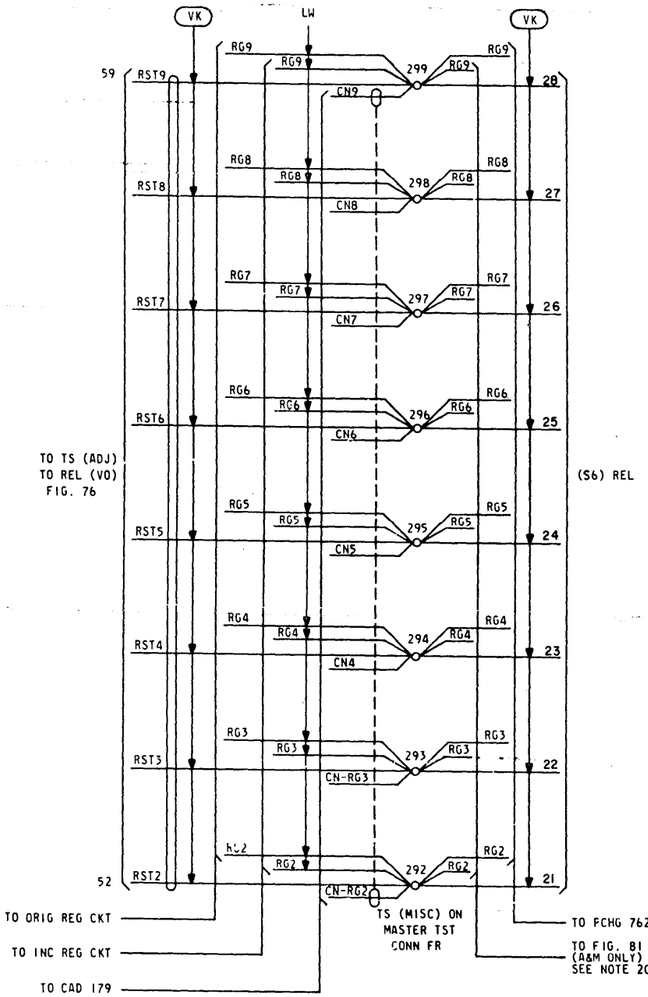
BELL TELEPHONE LABORATORIES INCORPORATED

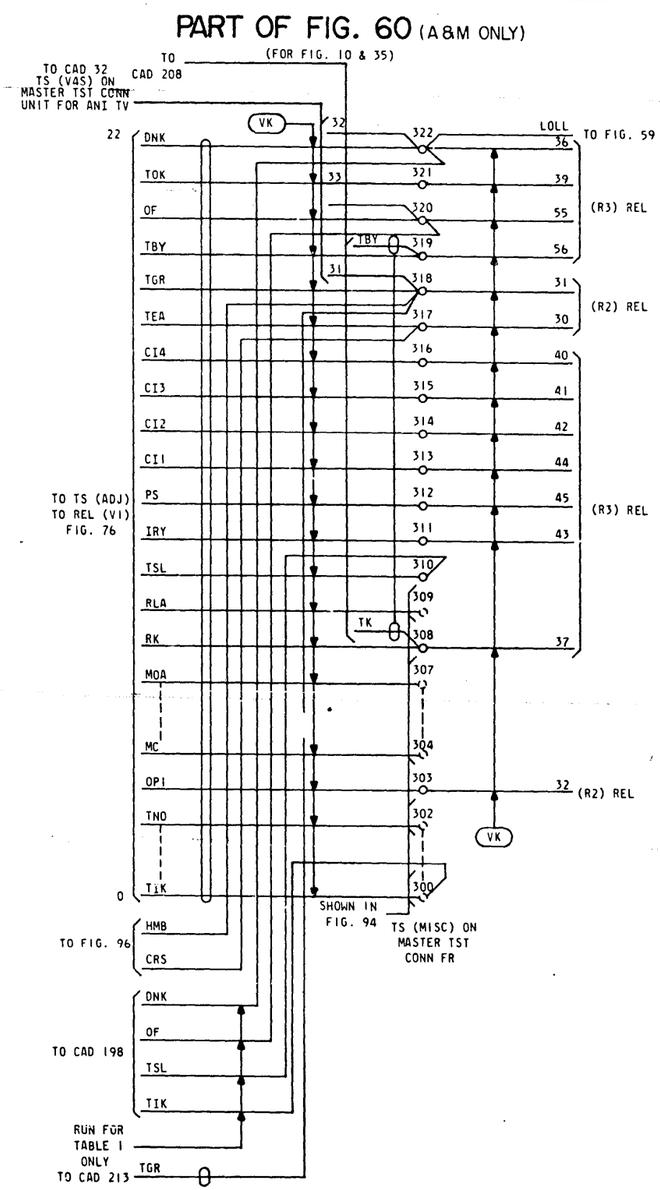
DWG SIZE 6S

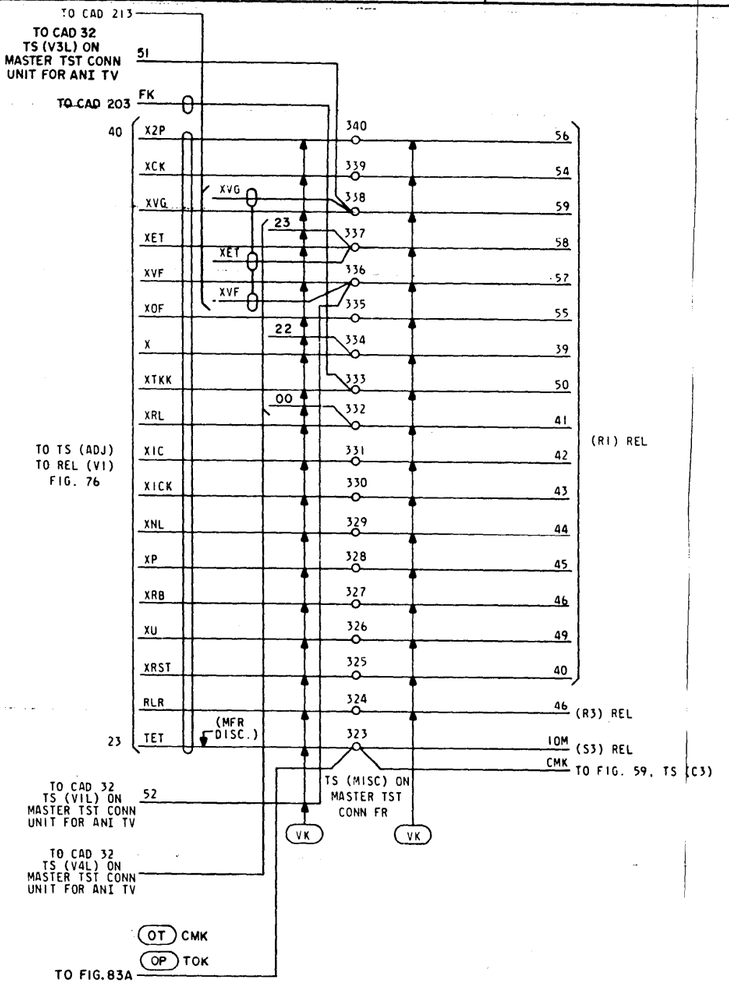
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PART OF FIG. 60 (A&M ONLY)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 97A

MASTER TEST FR CONNECTOR CKT

SD-25805-01-G10A

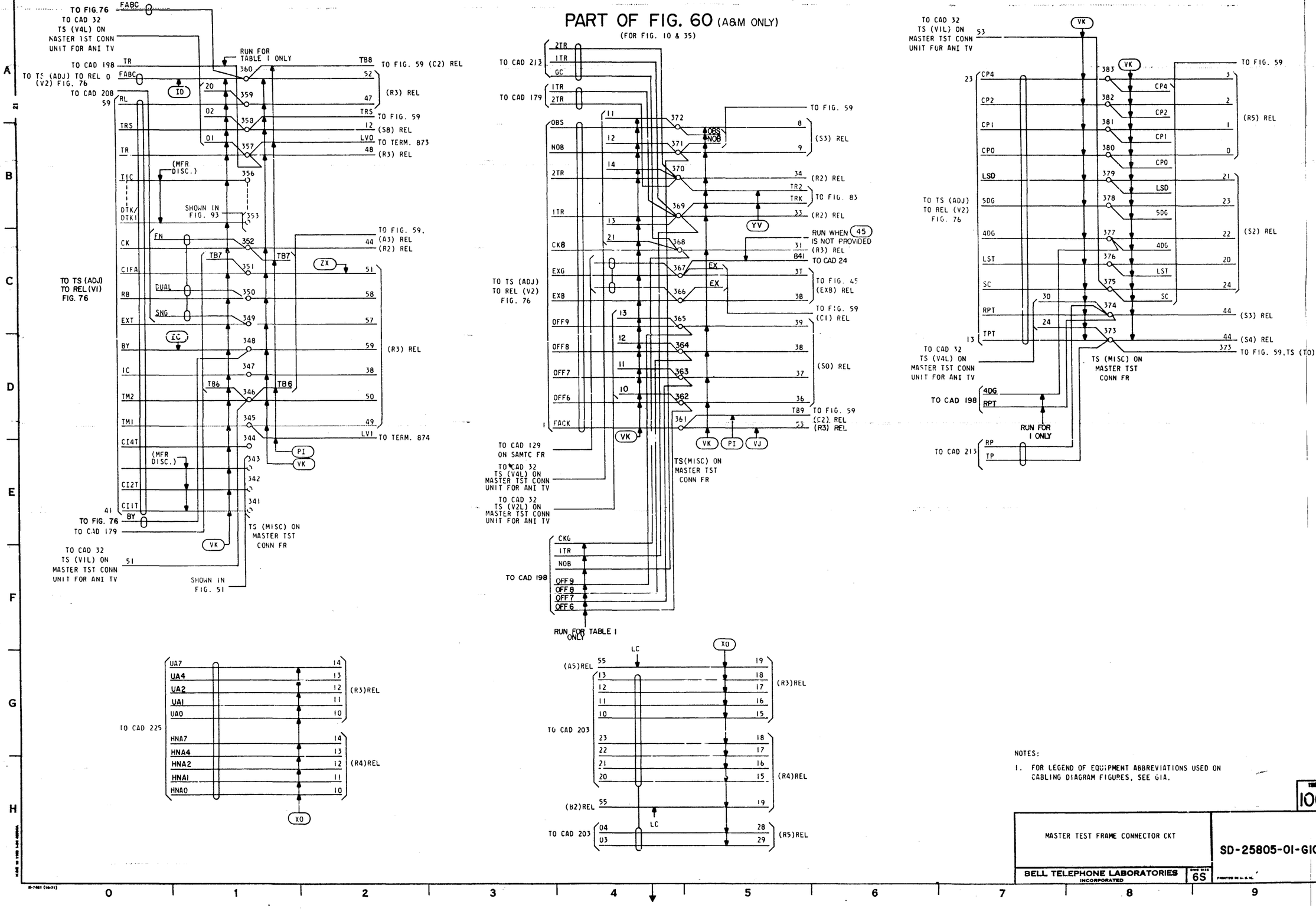
BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING SIZE 6S

SD-25805-01-G10A

PART OF FIG. 60 (A&M ONLY)

(FOR FIG. 10 & 35)



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 100B

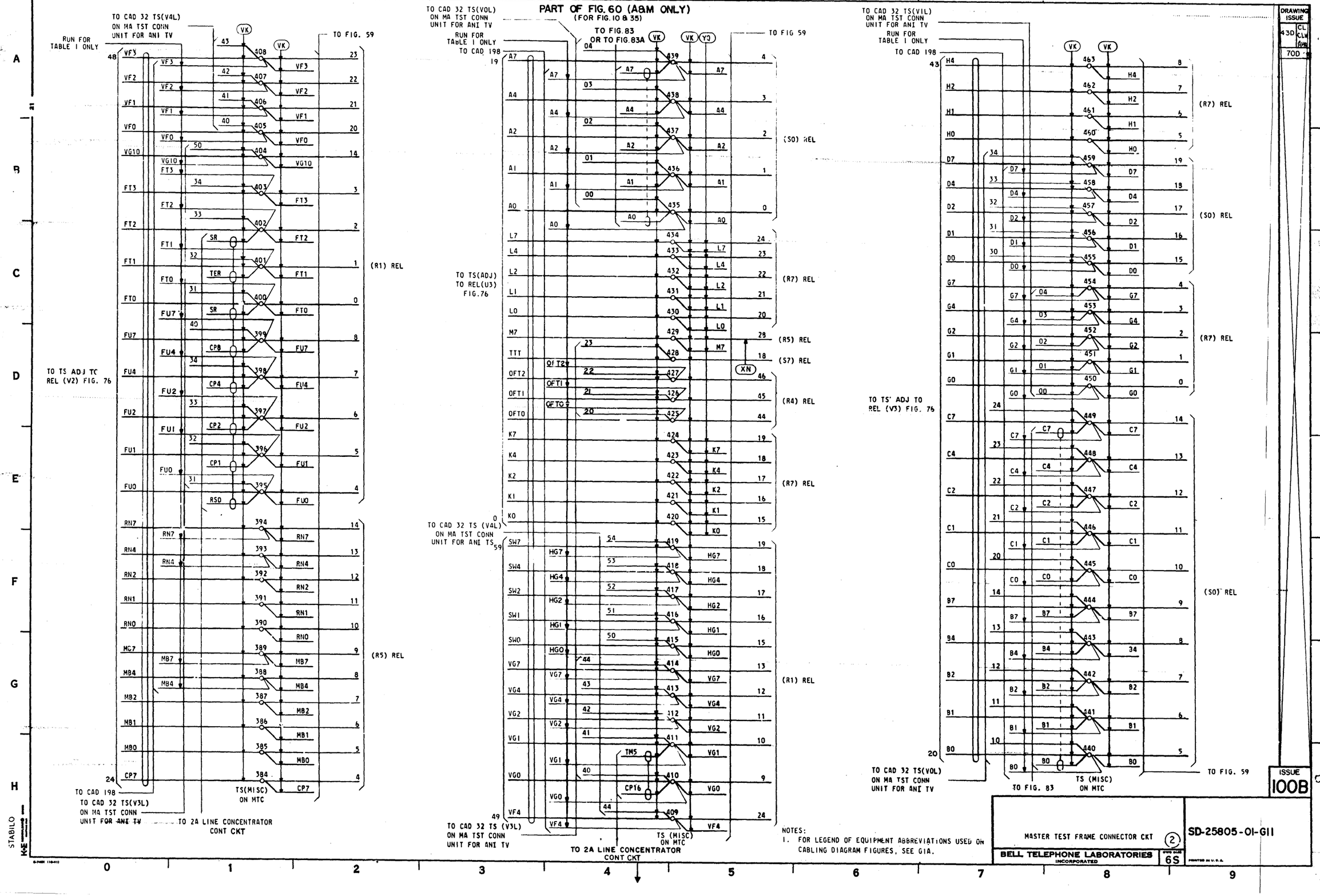
MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G108

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-G108


TO CAD 32 TS(V4L) ON MA TST CONN UNIT FOR ANI TV
RUN FOR TABLE I ONLY
TO FIG. 59
TO TS ADJ TO REL (V2) FIG. 76
TO CAD 198
TO CAD 32 TS(V3L) ON MA TST CONN UNIT FOR ANI TV
TS(MISC) ON MTC
TO 2A LINE CONCENTRATOR CONT CKT
(R1) REL
(R5) REL
PART OF FIG. 60 (A&M ONLY)
(FOR FIG. 10 & 35)
TO FIG. 83 OR TO FIG. 83A
TO CAD 32 TS(VOL) ON MA TST CONN UNIT FOR ANI TV
TO TS(ADJ) TO REL(U3) FIG. 76
TO CAD 32 TS (V4L) ON MA TST CONN UNIT FOR ANI TS
TO CAD 32 TS (V3L) ON MA TST CONN UNIT FOR ANI TV
TS (MISC) ON MTC
TO 2A LINE CONCENTRATOR CONT CKT
(R7) REL
(S0) REL
(R1) REL
(R5) REL
(S7) REL
(R4) REL
TO CAD 32 TS(VIL) ON MA TST CONN UNIT FOR ANI TV
RUN FOR TABLE I ONLY
TO CAD 198
TO TS' ADJ TO REL (V3) FIG. 76
TO CAD 32 TS(VOL) ON MA TST CONN UNIT FOR ANI TV
TO FIG. 83
TS (MISC) ON MTC
TO FIG. 59
(R7) REL
(S0) REL
(R7) REL
(S0) REL
DRAWING ISSUE
43D CL CLW AMW
70D
ISSUE 100B
NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-GII
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SD-25805-01-GII
STABILO

PART OF FIG. 60 (A&M ONLY)

(FOR PART OF FIG. 10 & 35)

TO CAD 32 TS (V3L) ON MA TST CONN UNIT FOR ANI TV

(VJ) TO SAMTC PER TABLE 129

TO CAD 203

TO CAD 208

(VK) (VK)

PT 16 — SOG — 496 — 42 (R2) REL TO FIG. 59

A'0 — 495 — A10 — 0

F'7 — 494 — F17 — 29

F'4 — 493 — F14 — 28

F'2 — 492 — F12 — 27 (R8) REL

F'1 — 491 — F11 — 26

F'0 — 490 — F10 — 25

PTS — 489 — 50 (R2) REL

XP1 — LFK1 — 488 — 51 (R1) REL

DTK — TBK — 487 — 39 (R2) REL

TO TS ADJ TO (RTO) REL FIG. 77

1PA — 486 — 48 (R4) REL

XT1 — XLF — 485 — 52 (R1) REL

OTO — 484 — 49 (R4) REL

PAK — 483 — 43

ITR — 482 — SHOWN IN FIG.93 — (R2) REL

FNB

LC — 481 — 46

0 AT — 480 — (YM) — 51 (R4) REL

TO CAD 32 TS (VOL) ON MA TST CONN UNIT FOR ANI TV

54 — 479 — F7 — 29

59 F7 — F7

F4 — 53 — 478 — F4 — 28

F4

F2 — 52 — 477 — F2 — 27 (S0) REL

F2

F1 — 51 — 476 — F1 — 26

F1

F0 — 50 — 475 — F0 — 25

F0

J7 — 474 — J7 — 14

J4 — 473 — J4 — 13

TO TS (ADJ) TO REL (V3) FIG. 76

J2 — 472 — J2 — 12 (R7) REL

J1 — 471 — J1 — 11

J0 — 470 — J0 — 10

E7 — 44 — 469 — E7 — 24

E7

E4 — 43 — 468 — E4 — 23

E4

E2 — 42 — 467 — E2 — 22 (S0) REL

E2

E1 — 41 — 466 — E1 — 21

E1

E0 — 40 — 465 — E0 — 20

E0

44 H7 — H7 — 464 — H7 — 9 (R7) REL

(VK) TS(MISC) ON MTC

TO CAD 198 RUN FOR TABLE I ONLY

TS (VIL) ON MA TST CONN UNIT FOR ANI TV 14

TO FIG. 59

53 B'4 — 533 — B14 — 8

B'2 — 532 — B12 — 7

B'1 — 531 — B11 — 6 (R8) REL

B'0 — 530 — B10 — 5

49 XTC2 — 529

528

527 — XU1 — 53 (R1) REL

47 526 — SHOWN IN FIG.93

45 AR1 — 525 — 50 (R4) REL

C'7 — 524 — C17 — 14

C'4 — 523 — C14 — 13

C'2 — 522 — C12 — 12 (R8) REL

C'1 — 521 — C11 — 11

40 C'0 — 520 — C10 — 10

TO TS (ADJ) TO (RTO) REL FIG 77

510

38 DS — 518 — 47 (R2) REL

517 — SHOWN IN FIG.93

36 P1 — 516 — 45 (R2) REL

A'2 — 515 — A12 — 2

D'7 — 514 — D17 — 19

D'4 — 513 — D14 — 18 (R8) REL

D'2 — 512 — D12 — 17

D'1 — 511 — D11 — 16

D'0 — 510 — D10 — 15

T6L — 509 — 49 (R2) REL

28 RG — 508 — 48

ODD

FNA — 507 — SHOWN IN FIG.93

TO CAD 208 TBL

EVN — 506

25 A'1 — 505 — A11 — 1

E'7 — 504 — E17 — 24

E'4 — 503 — E14 — 23 (R8) REL

TO TS (ADJ) TO (RTO) REL FIG 77

E'2 — 502 — E12 — 22

E'1 — 501 — E11 — 21

20 E'0 — 500 — E10 — 20

499

498 — SHOWN IN FIG.93

17 TV — 497 — 47 (R4) REL

TO CAD 179 MXT

TS (MISC) ON MTC

(VJ) TO SAMTC FR PER TABLE 129

TO FIG. 59

571

SHOWN IN FIG. 74

541

(VJ) TO SAMTC FR PER TABLE 129

TO FIG. 86 — 540 — 540 — 35

TO CAD 32 TS (V3L) ON MA TST CONN UNIT FOR ANI TV 50

(VK) (VK)

59 — 539

58 PT1 — 538 — 40 (R2) REL

537 — SHOWN IN FIG.93

TO TS ADJ TO (RTO) REL FIG. 77

DTN — 536 — 41

P — 535 — 38

54 B'7 — 534 — 9 (R8) REL

B17 TO FIG. 59

RK3

HMS1 — TS (MISC) ON MTC

TO CAD 208 CKG

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
43D	SAD CLV ANI
45D	JB
70D	

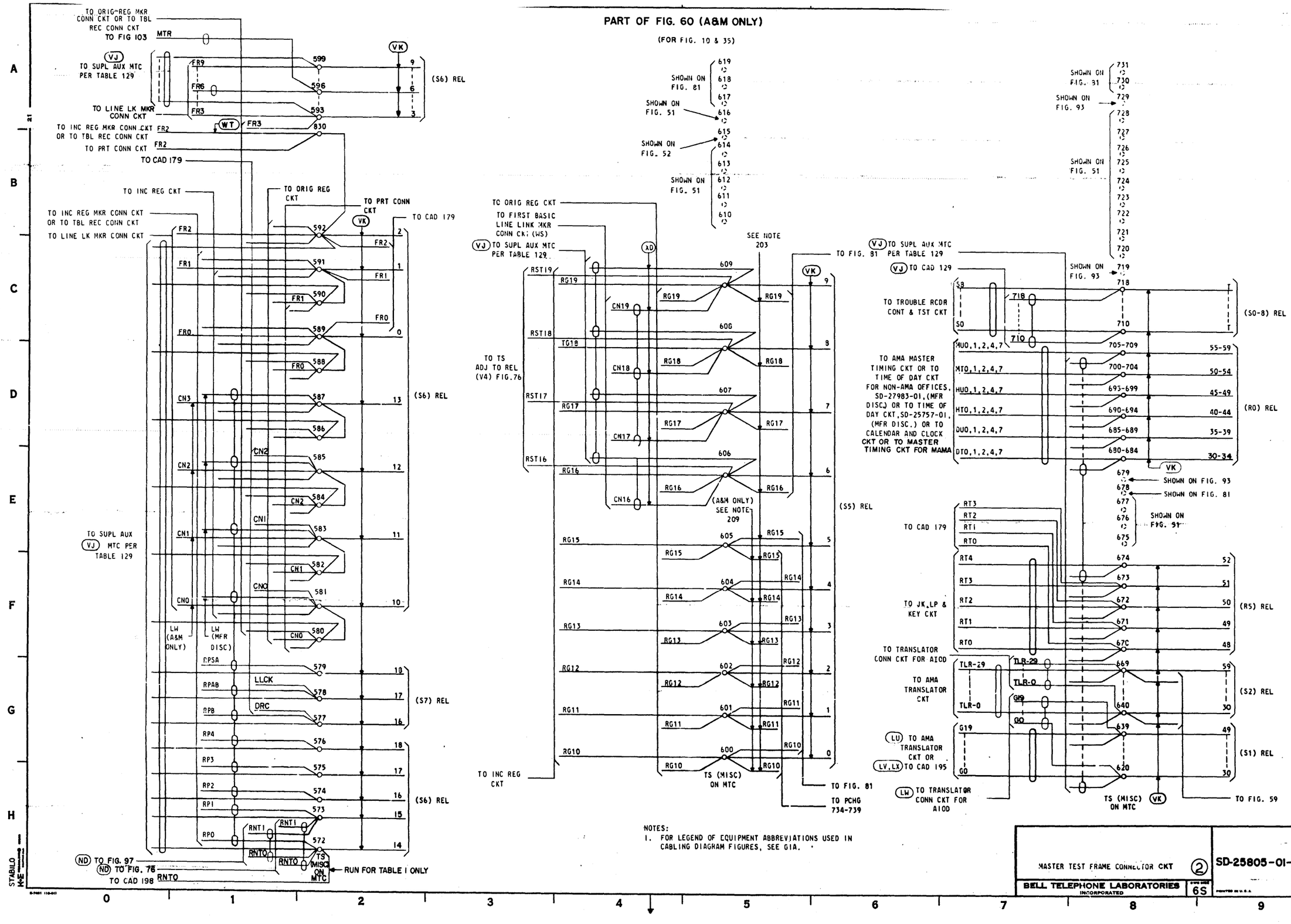
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT. (2) SD-25805-01-GI2

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-GI2

PART OF FIG. 60 (A&M ONLY)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
43D D.S. E.W. AND
70D
73D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G13

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G13

PART OF FIG. 60 (A&M ONLY)

(VJ) TO SUPL AUX MTC PER TABLE 129

TO FIG. 81

CN7 CN6 CN5 CN4 CN3 CN2 CN1 CN0

767 766 765 764 763 762 761 760

RG7 RG6 RG5 RG4 RG3 RG2 RG1 RG0

TO FIRST BASIC LLMC (WS) CKT

TO PUNCHINGS 290-297

TO FIRST LLMC CKT

(YC)

SEE NOTE 203

SHOWN IN FIG. 91 — 759 758 757 756 755 754 753 752 751 750

SHOWN IN FIG. 93 — 749 748

SHOWN IN FIG. 92 — 747 746 745 744 743 742

SHOWN IN FIG. 91 → 741

SHOWN IN FIG. 93 → 740

(VJ) SUPL AUX MTC PER TABLE 129

(YC)

CN15 CN14 CN13 CN12 CN11 CN10

RST15 RST14 RST13 RST12 RST11 RST10

739 738 737 736 735 734

RG15 RG14 RG13 RG12 RG11 RG10

TO FIRST BASIC LLMC (WS) CKT

TO PUNCHINGS 600-605

TO TS ADJ TO REL (V4) FIG. 76

SHOWN IN FIG. 81 — 733 732

TS (MISC) ON MTC

SEE NOTE 203

TO FIG. 81

(FOR FIG. 10 & 35)

SHOWN IN FIG. 51 — 811 810

SHOWN IN FIG. 74 — 809 808 807 806 805 804

SHOWN IN FIG. 88 — 803 802 801 800 799 798

SHOWN IN FIG. 93 → 797

SHOWN IN FIG. 88 — 796 795 794 793 792 791 790

SHOWN IN FIG. 93 — 789 788 787

SHOWN IN FIG. 88 — 786 785 784 783 782 781 780

SHOWN IN FIG. 52 — 779 778

(VJ) TO SUPL AUX MTC PER TABLE 129

TO APTT CKT — ATKT

TO CAD 175A OR CAD 175B OR CAD 222 — ATKT

777 — 2 (SC) REL

(VK)

SHOWN IN FIG. 52 — 776 775

SHOWN IN FIG. 74 — 774 773 772 771 770

TO FIRST LLMC CKT

CN9 CN8

769 768

RG9 RG8

TO FIRST BASIC LLMC CKT

TO PUNCHINGS 298, 299

(YC)

TO (MISC) ON MTC

TO FIG. 81

SEE NOTE 203

SHOWN IN CAD 24 — 850

SHOWN IN FIG. 51 — 849

SHOWN IN FIG. 31 — 848 847 846 845

SHOWN IN CAD 24 — 844 843 842 841

SHOWN IN FIG. 51 — 840 839

SHOWN IN FIG. 74 — 838 837 836 835 834 833 832 831

SHOWN IN FIG. 60 → 830 ← SHOWN ON 13A2

SHOWN IN FIG. 51 — 929 828

SHOWN IN FIG. 74 — 827 826 825 824 823 822

SHOWN IN FIG. 51 — 921 820 819 818 817 816 815 814 813 812

TS (MISC) ON MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE	
43D	I.B. CLK AND
62D	JNW
70D	
73D	CB
74A	CB

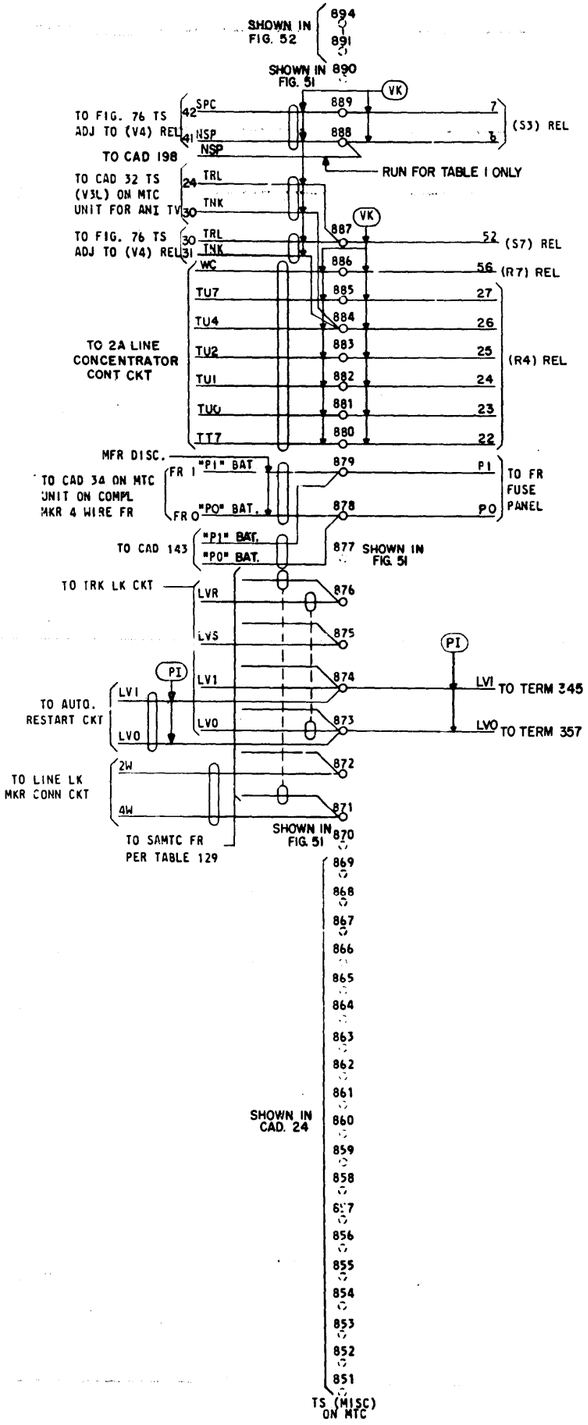
ISSUE 99A

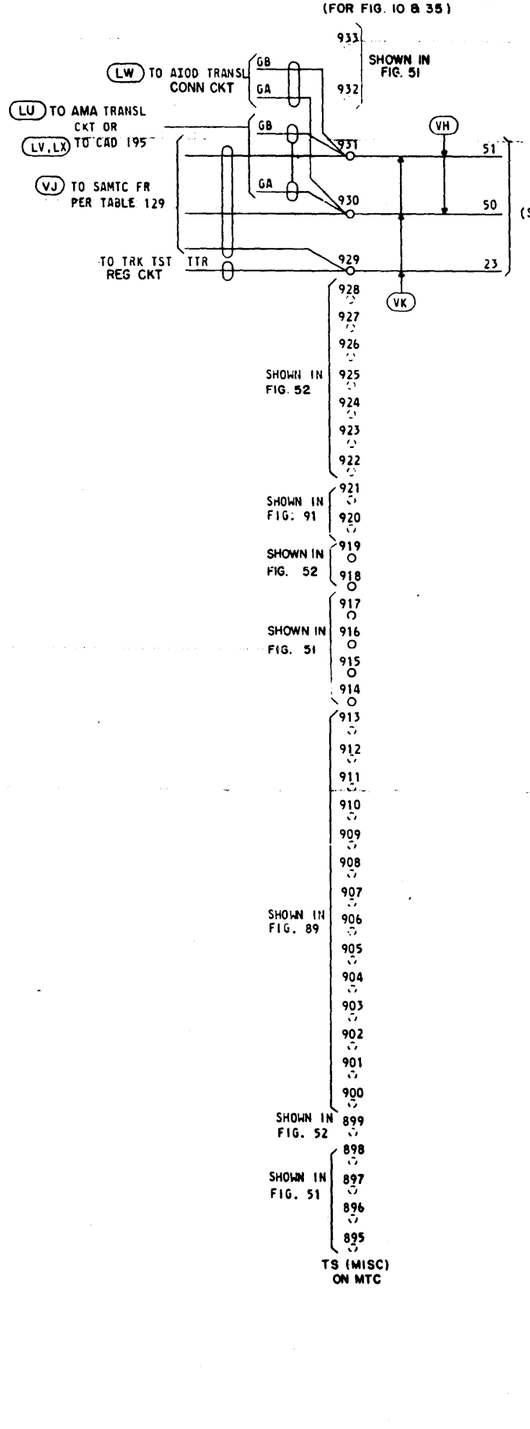
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G14

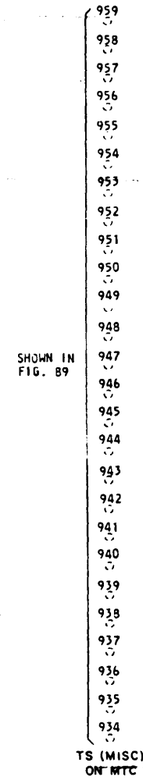
BELL TELEPHONE LABORATORIES INCORPORATED — DATE 6S

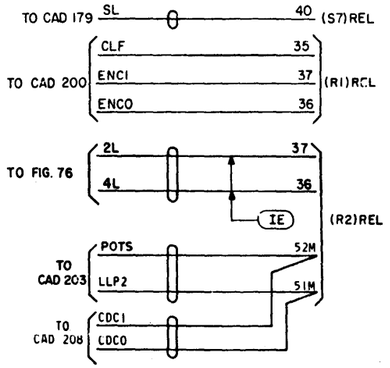
STABILO

PART OF FIG. 60 (A&M ONLY)
(FOR FIG. 10 & 35)









DRAWING ISSUE

43D	PED CLK AMP
52D	LT
64D	CH
70D	

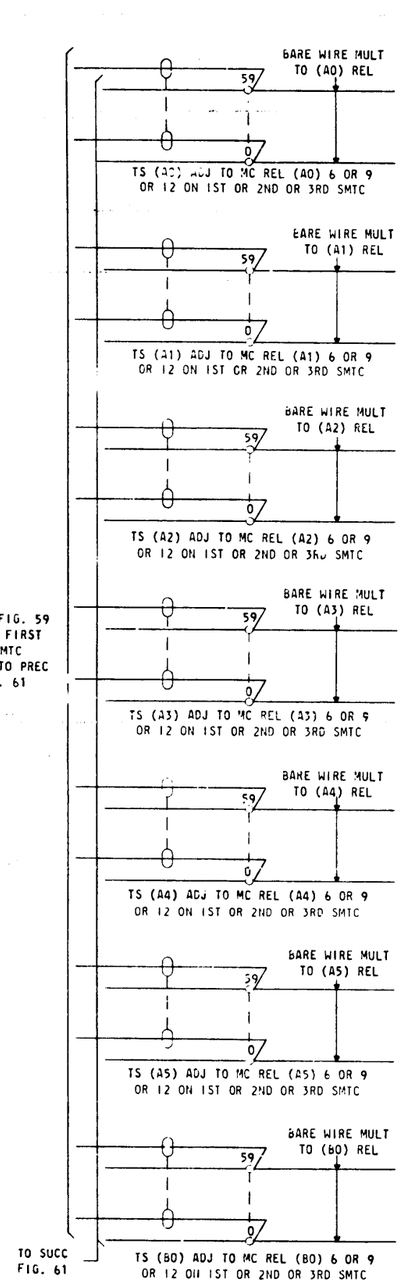
CB CB

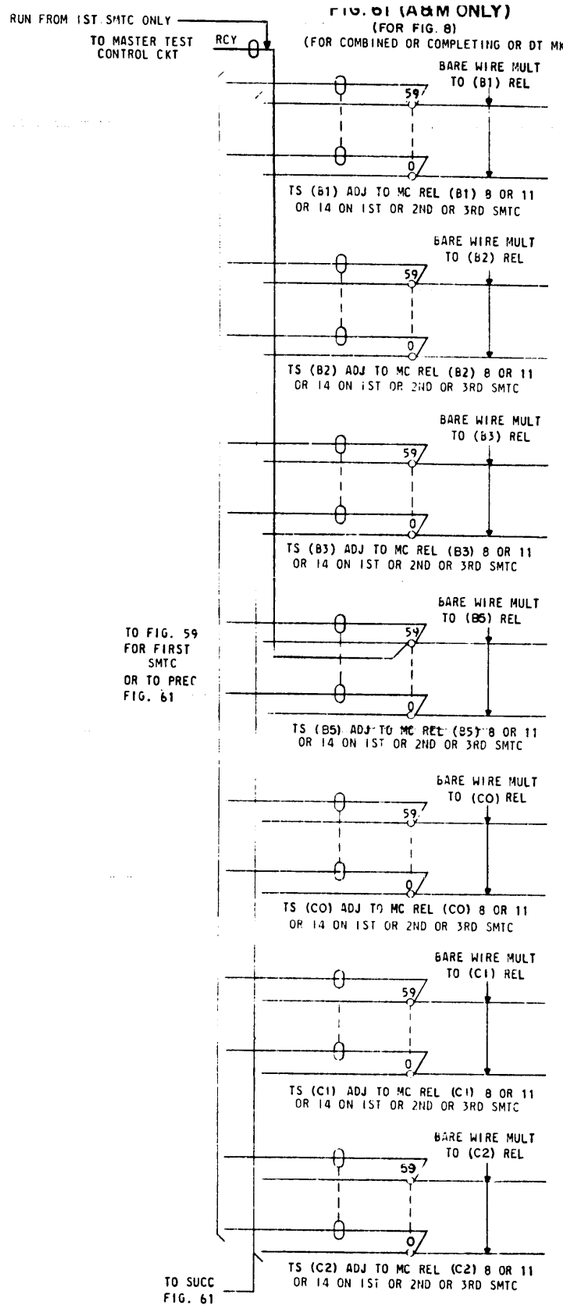
ISSUE 97A

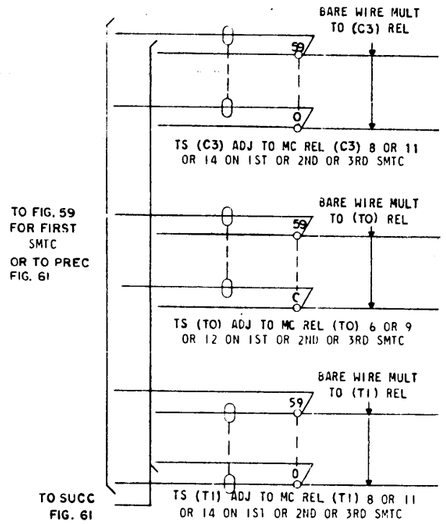
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G15

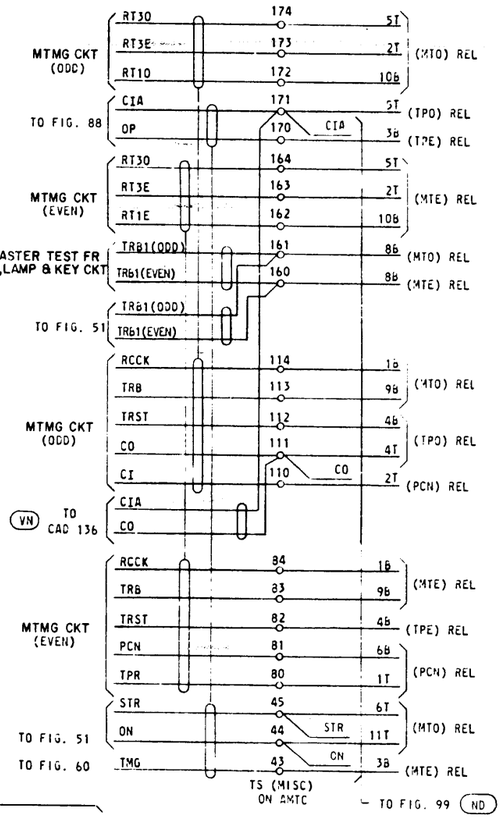
BELL TELEPHONE LABORATORIES INCORPORATED 6S

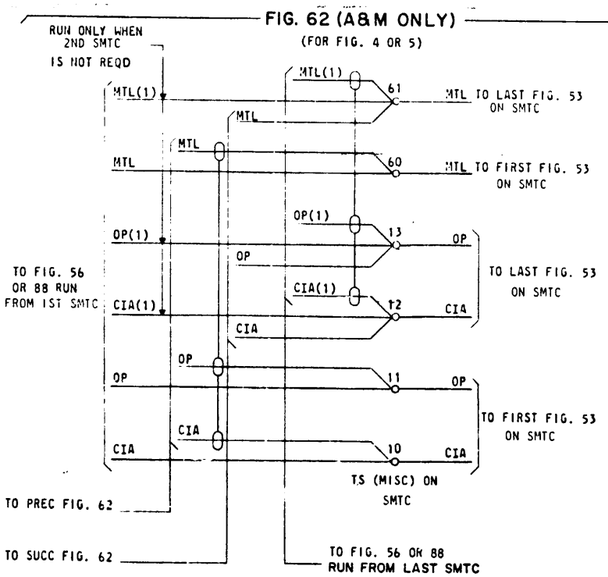
STABILO











NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 CLK
68D
70D
73D

ISSUE 86A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-GI6

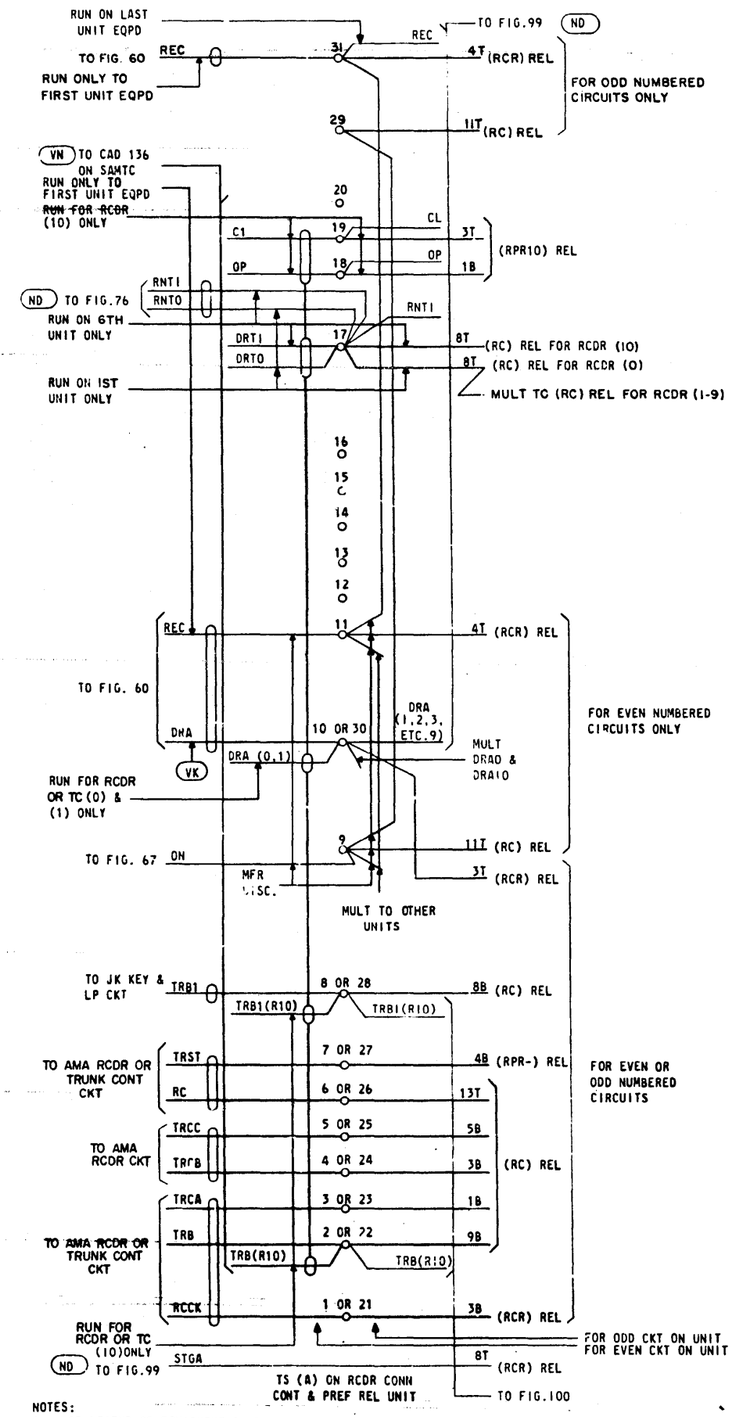
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-GI6

STAB LO

FIG. 64 (A&M ONLY)
(FOR FIG. 14, 15, 16 & 24)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

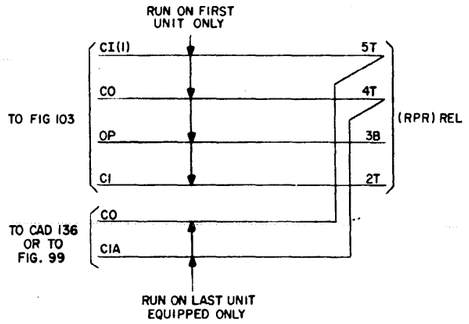


FIG. 65 (A&M ONLY)
(FOR FIG 24)

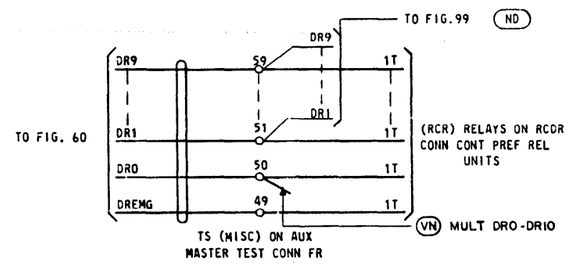
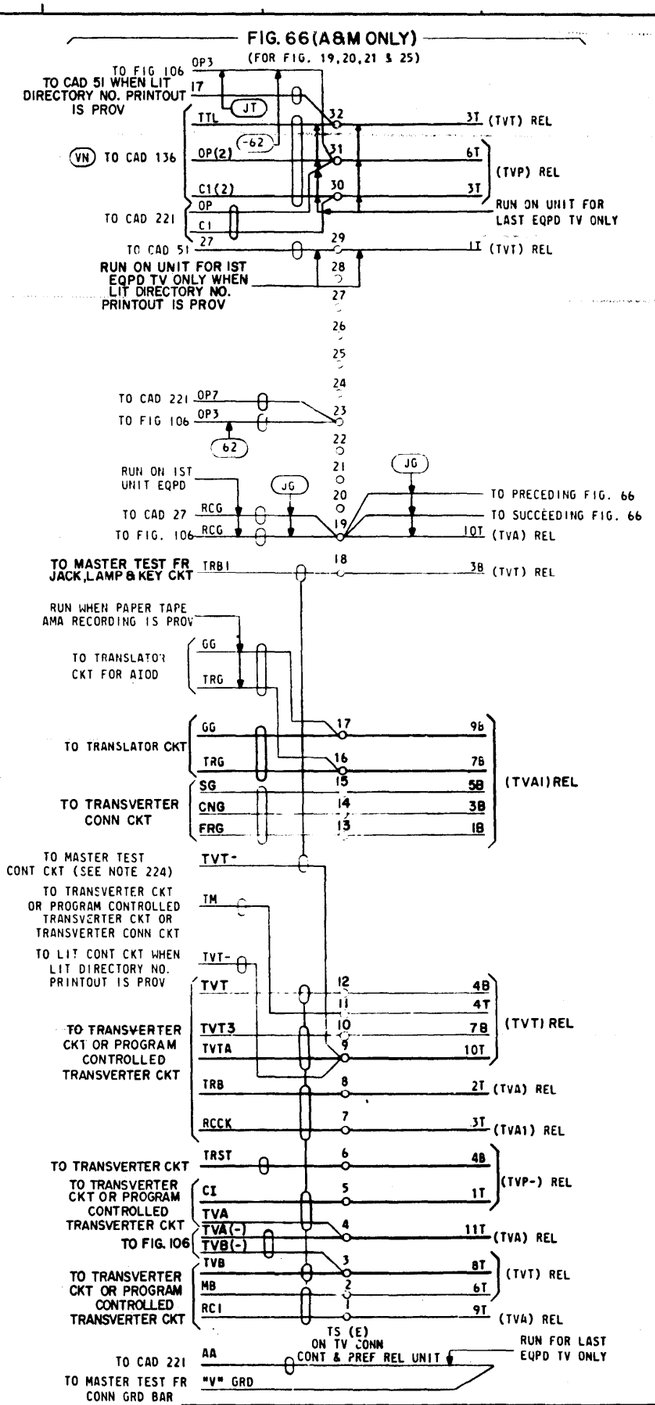


FIG. 66 (A&M ONLY)
(FOR FIG. 19, 20, 21 & 25)



DRAWING ISSUE
43D KEC CLLI Apr
70D
73D

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-GI7

BELL TELEPHONE LABORATORIES INCORPORATED

SHT NO. 65

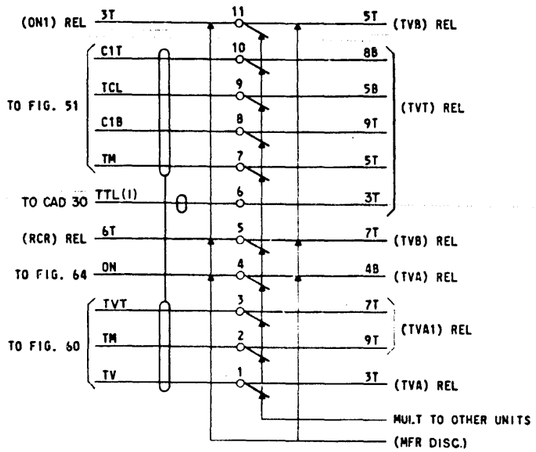
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STABILO

0 1 2 3 4 5 6 7 8 9

FIG. 67 (A & M ONLY)

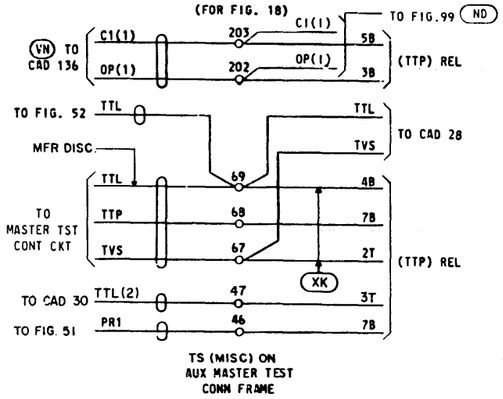
(FOR FIG. 19,20,21 & 25)



TS (F) ON TRANSVERTER
CONN CONTROL & PREFERENCE
REL UNIT

FIG. 68 (A & M ONLY)

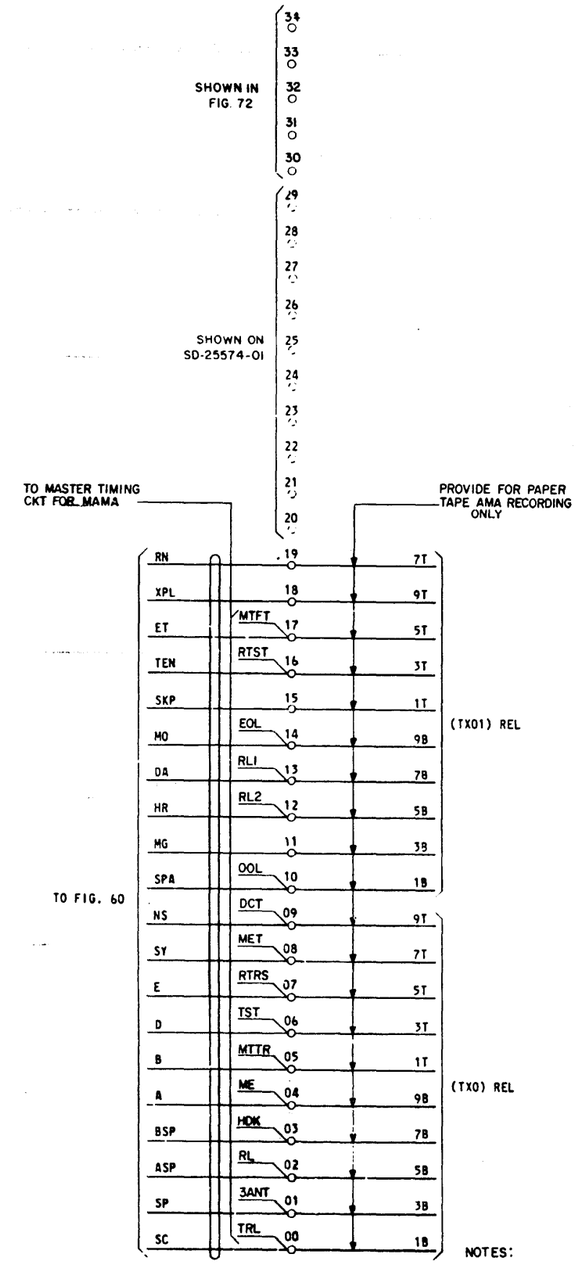
(FOR FIG. 18)



TS (MISC) ON
AUX MASTER TEST
CONN FRAME

PART OF FIG. 70 (A & M ONLY)

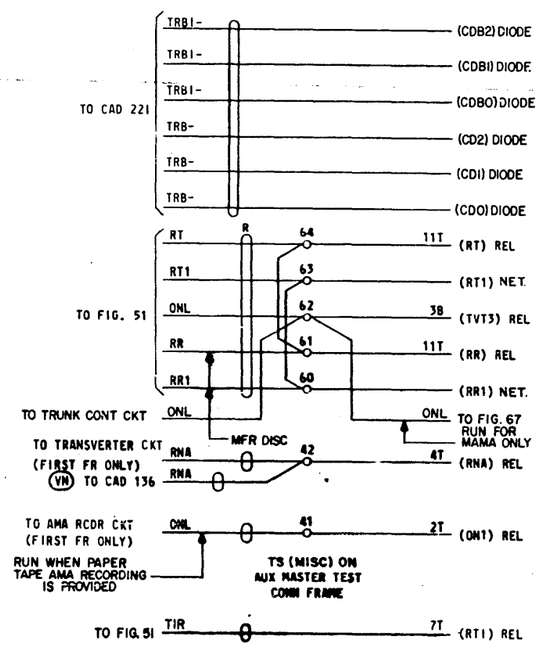
(FOR FIG. 28 & 30)

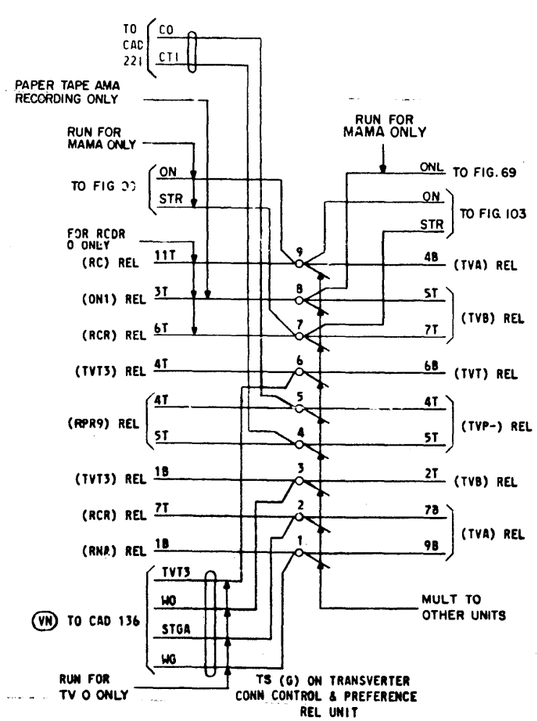


TS (MISC) ON
AUX MASTER TEST
CONN FRAME

FIG. 69 (A & M ONLY)

(FOR FIG. 22)





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-GIB
BELL TELEPHONE LABORATORIES INCORPORATED	SHT NO. 6S

ISSUE
43D CL CL MAP
70D
72A
73D

PART OF FIG. 70 (A & M ONLY)

(FOR FIG. 28 & 30)

64 — SHOWN IN FIG. 69 — 60

59 — SHOWN IN FIG. 65 — 49

48

47 — SHOWN IN FIG 68 — 46

45 — SHOWN IN FIG. 63 — 43

42 — SHOWN IN FIG. 69 — 41

40 — SHOWN IN FIG. 72 — 35

TS (MISC) ON AUX MASTER TEST CONN FR

89 — SHOWN IN FIG. 72 — 85

84 — SHOWN IN FIG. 63 — 80

U7 79
U4 78
U2 77
U1 76
U0 75
T7 74
T4 73
T2 72
T1 71
T0 70

TO FIG. 60

FOR OTHER CONNECTIONS TO THESE PUNCHINGS SEE FIGURES 70A OR 70B

69 — SHOWN IN FIG. 68 — 67

66 — SHOWN IN FIG. 72

TS (MISC) ON AUX MASTER TEST CONN FR

138 — SHOWN IN FIG. 71 — 120

119 — SHOWN IN FIG. 72 — 115

114 — SHOWN IN FIG. 63 — 110

109 — SHOWN IN FIG. 72

108 — SHOWN IN FIG. 71 — 90

TS (MISC) ON AUX MASTER TEST CONN FR

172 — SHOWN IN FIG. 63 — 170

169

168 — ~~SHOWN IN SD-25574-01~~

167

166 — SHOWN IN SD-25574-01

165 — SHOWN IN FIG 71

164 — SHOWN IN FIG. 63 — 160

159 — SHOWN IN FIG. 71 — 140

139

TS (MISC) ON AUX MASTER TEST CONN FR

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D ELW AND
70D
72A
ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G19

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G19

STABILO

PART OF FIG. 70 (A&M ONLY)

(FOR FIG. 28 AND 30)

209
208
207
206
SHOWN IN FIG. 72
205
204
203
SHOWN IN FIG. 68
202
201
SHOWN IN FIG. 77
200
199
198
197
196
195
194
193
192
SHOWN IN FIG. 72
191
190
189
188
187
186
185
184
183
182

VK

TO FIG. 60 — XTL 181 3T (XTL) REL
XTC 180 2T

SHOWN ON SD-25574-01

179
178
177
176
SHOWN IN FIG. 71
175
174
SHOWN IN FIG. 63
173
172

TS (MISC) ON AUX MTC

239
238
237
236
235
234
233
232
231
230
229
228
227
226
225
224
223
222
221
220
219
218
217
216
SHOWN IN CAD 28
215
214
213
212
211
210

TS (MISC) ON AUX MTC

FIG. 70A

REQUIRED WHEN PAPER TAPE AMA RECORDING IS PROVIDED

79 — 9I
78 — 7I
77 — 5I
76 — 3I
75 — 1I
74 — 9B
73 — 7B
72 — 5B
71 — 3B
70 — 1B

(RTOI) REL

TS (MISC) ON AMTC FR

(LS) FIG. 70B

REQUIRED WHEN MAGNETIC TAPE AMA RECORDING IS PROVIDED

79 — 44
75 — 40
74 — 34
70 — 30

TO FIG. 77

TS (MISC) ON AMTC FR

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 79D CB

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G20A

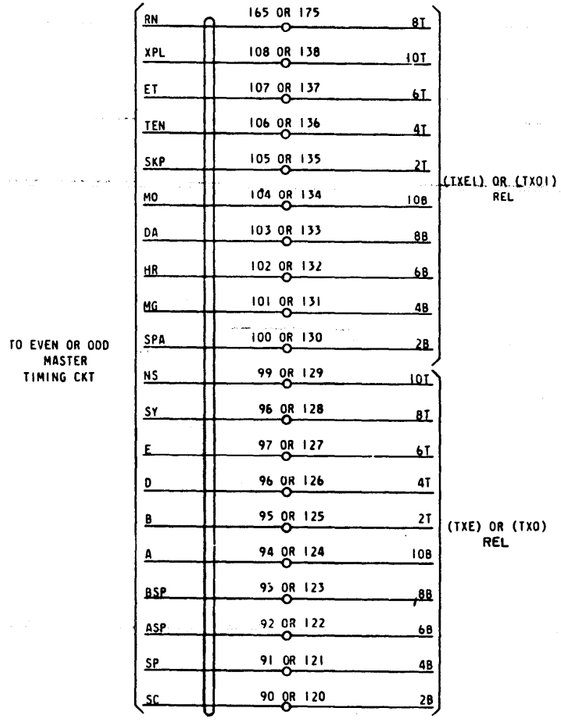
BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

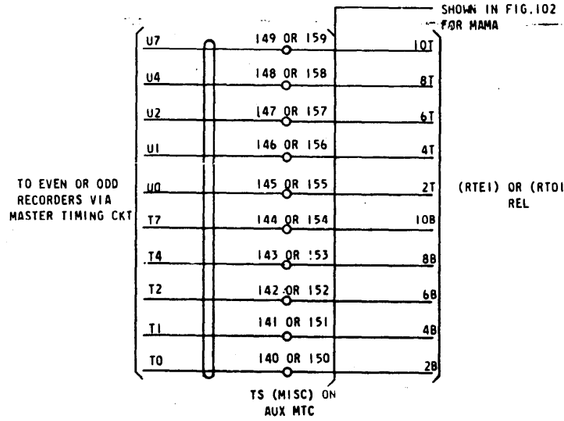
PRINTED IN U.S.A.

FIG. 71 (A&M ONLY)

(FOR FIG. 28)
FOR PAPER TAPE AMA RECORDING ONLY



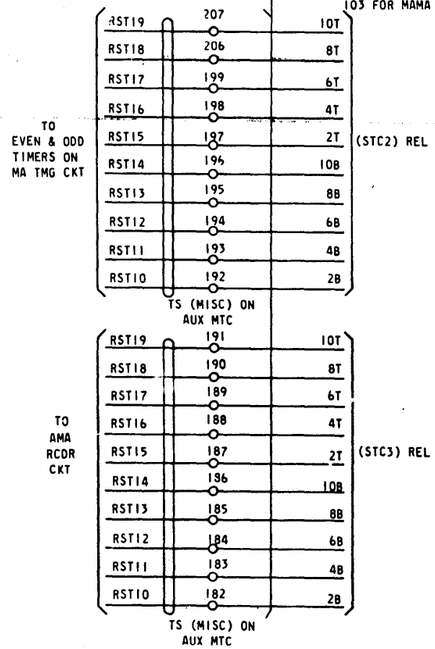
THESE PUNCHINGS SHOWN IN FIG.102 FOR MAMA



PART OF FIG. 72 (A&M ONLY)

(FOR FIG. 29)
FOR PAPER TAPE AMA RECORDING ONLY

THESE PUNCHINGS SHOWN IN FIG. 103 FOR MAMA



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE 73D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-G20B

BELL TELEPHONE LABORATORIES INCORPORATED

6S

PART OF FIG. 72 (A&M ONLY)
(FOR FIG. 29)
FOR PAPER TAPE AMA RCDG ONLY

THESE PUNCHINGS SHOWN IN FIG.104 FOR MAMA

TO CAD 50 STC1 — STC1 205 — 11T — (STC1) REL
(VN) TO CAD 136 STC 204 — 13T

TO ODD MASTER TIMING CKT
RST9 119 — 10T
RST7 118 — 6T
RST5 117 — 2T
RST3 116 — 38
RST1 115 — 46
EMG 109 — 12B — (STC) REL

TO EVEN MASTER TIMING CKT
RST8 89 — 8T
RST6 88 — 4T
RST4 87 — 10B
RST2 86 — 6B
RSTO 85 — 2B

TO FIG. 60
RST-EMG 66 — 11B
RT 65 — 11T

TO RCDR & RCDR CONN CKT
RT 40 — 12T
RST9 39 — 10T
RST8 38 — 8T
RST7 37 — 6T
RST6 36 — 4T
RST5 35 — 2T
RST4 34 — 10B
RST3 33 — 9B
RST2 32 — 6B
RST1 31 — 4B
RSTO 30 — 2B

TS (MISC) ON AUX MASTER TEST CONN FRAME

FIG. 73 (A&M ONLY)
(FOR FIG. 136)

TO FIG. 74 FOR FIRST SUPL MTC
TO PREC FIG. 73 FOR SECOND SUPL MTC
CIT 36 CIT
TM 35 TM — TO FIG. 54
CIB 34 CIB
TO SUCC FIG. 73

33
EO- 32 9B
EO- 31 9B — (MKB3) REL
EO- 30 9B
TO CAD 143
TO FIG 55
XP
29
SHOWN ON SD-25574-01
20

TO FIG. 93 OR TO FIG. 74 ON MTC
TRB 19 TRB 9TH OR 12TH
TRB 18 TRB 8TH OR 11TH
TRB 17 TRB 7TH OR 10TH
TRB1 16 TRB1 9TH OR 12TH
TRB1 15 TRB1 8TH OR 11TH
TRB1 14 TRB1 7TH OR 10TH
13
SHOWN IN FIG. 62
10

TO FIG. 51 ON MTC
RON 9 — 9TH OR 12TH
RON 8 — 8TH OR 11TH
RON 7 — 7TH OR 10TH
TO 7TH TO 12TH COMBINED OR COMPLETING MARKERS COM EQPT FR

TO FIG. 89 ON MTC
TO FIG.60 — (ZE)
DR8 OR 11 — 6 DR 9TH OR 12TH
DR7 OR 10 — 5 DR 8TH OR 11TH
DR6 OR 9 — 4 DR 7TH OR 10TH — (ZD)
DRT8 OR 11 — 3 DRT 9TH OR 12TH — (ZE)
DRT7 OR 10 — 2 DRT 8TH OR 11TH
DRT6 OR 9 — 1 DRT 7TH OR 10TH
TO FIG. 60 OR TO PREC FIG. 73 — DRT1
TO SUCC FIG. 73 — DRT0 — (ZD)
TS (MISC) ON SUPL MTC
(ZD) STRAP ON SUPL FRAME 0 ONLY

(STC1) REL

64 SHOWN ON SD-25574-01
63
62
61
SHOWN IN FIG. 62
60
59
SHOWN ON SD-25574-01

TO FIG. 74 ON MTC
MKT1 58 MKT1 9TH OR 12TH
SHOWN ON SD-25574-01 57
MKT1 56 MKT1 8TH OR 11TH
MKT1 55 MKT1 7TH OR 10TH
TO FIG. 53 ON SUPL MTC

TTM 54 TTM
TTA 53 TTA
TTG 52 TTG
TRA(1) 51 TRA(1)
(B,PM) 50 MTR
MTR
TST 49 TST
C3 48 C3
C2 47 C2
C1 46 C1
CO 45 CO
TO 44 TO
T1 43 T1
ONL 42 ONL — (RN)
STR 41 STR
C1C 40 C1C
STG 39 STG
TRA 38 TRA
TCL 37 TCL
TS (MISC) ON SUPL MTC

TO FIG. 74 FOR FIRST SUPL MTC, TO PREC FIG. 73 FOR SECOND SUPL MTC
TO SUCC FIG. 73
TO FIG. 54

PART OF FIG. 74 (A&M ONLY)
(FOR FIG. 6)

TO FIG. 89 ON MTC FOR DT MARKERS
TO FIG. 73 ON SUPL MTC
TRB1 561 5T
TRB1
TRB1 560 3T — (RM1) REL
TERMINATE A TRB1 OR TRB LEAD FOR ONLY ONE COMPLETING, COMBINED OR DT MKR AT EACH TERM.

TO TRK TST REG CKT — TST 559
TO MASTER TST CONT CKT — TRA
TO MASTER TST CONT CKT & TC APTT CKT VIA MASTER TST CONT CKT — TST
TO FIG. 53 ON SUPL MTC

TRA(1) 558 TRA(1)
(B,PM)
MTR 557 MTR
TST 556 TST
C3 555 C3
C2 554 C2
C1 553 C1
C1
CO 552 CO
CO
TO 551 TO
T1 550 T1
ONL 549 ONL — (RN)
STR 548 STR
C1C 547 C1C
STG 546 STG
TRA 545 TRA
TCL 544 TCL
CIT 543 CIT
TM 542 TM
CIB 541 CIB
TO FIG 106
TO FIG. 87 ON MTC FOR DT MARKERS
TS (MISC) ON MTC

TO FIG. 73
TO FIG. 54

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE		
43D	TBC CLK AND	
53AR	FLP LW AND	
58A	LEA NR AND	
63A	JK	
70D		
72A		
73D		

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G21
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G21

PART OF FIG. 74 (A & M ONLY)
(FOR FIG. 6)

PART OF FIG. 76 (A & M ONLY)
(FOR FIG. 26 & 158) FOR PAPER TAPE AMA RCDG ONLY

R7 BAT. 838
R6 BAT. 837
R5 BAT. 836
R4 BAT. 835
TO CAC 143 — R3 BAT. 834 — TO FUSE PANEL ON MTC
R2 BAT. 833
R1 BAT. 832
R0 BAT. 831

TO FIG 55

MKT1 827 — 11T
MKT1 826 — 9T
MKT1 825 — 7T
TO FIG. 73 ON SUPL MTC — MKT1 824 — 5T
MKT1 823 — 3T
MKT1 822 — 1T

(VV) (VV)

EO- 809
EO- 808
EO- 807
TO CAD 143 — EO- 806 — (MKB3) REL
EO- 805
EO- 804

XP

TTM 772 TTM
TO FIG.73 — TTA 771 TTA — TO FIG. 54
TTG 770 TTG

(Y) (Y)

TRB1 571 — 3T
TRB1 570 — 1T — (RMA) REL
TRB 569 — 11T
TRB 568 — 11B
TO FIG.73 ON SUPL MTC — TRB 567 — 9T
TRB 566 — 7T — (RM) REL
TRB 565 — 5T
TRB 564 — 3T
TRB1 563 — 9T
TRB1 562 — 7T — (RM1)

TS(MISC) ON MTC

TO FIG.89 ON SUPL MTC FOR DT MARKERS

TERMINATE A TRB1 OR TRB LEAD FOR ONLY ONE COMPLETING, COMBINED OR DT MKR AT EACH TERM

"P2" BAT.
TO CAD 143 — R11 BAT. — TO FUSE PANEL ON MTC
R8 BAT.

SEE TABLE 76A FOR LEAD DESIGNATIONS

TO TV CKT OR DAS CKT VIA TV CONN CKT — 59 — 0 — (VO) REL

TO TV CKT OR TO PROGRAM CONTROLLED TV CKT VIA TV CONN CKT — 59(RL) — 59 — (1TT1) REL

TO TV CKT OR DAS CKT VIA TV CONN CKT — 58

TO TV CKT OR TO PROGRAM CONTROLLED TV CKT VIA TV CONN CKT — 57(TR) — 57

56

7

TO TV CKT OR DAS CKT VIA TV CONN CKT — 5

TO TV CKT OR TO PROGRAM CONTROLLED TV CKT — 4(MC) — 4

TO TV CKT OR TO DAS CKT VIA TV CONN CKT — 3 — 0

SEE TABLE 76A FOR LEAD DESIGNATIONS

TO TV CONN CKT OR DAS CKT VIA TV CONN CKT — 59
55
TO TV CKT OR DAS CKT VIA TV CONN CKT — 54 — 50 — (V0) REL
TO TV CONN CKT OR DAS CKT VIA TV CONN CKT — 49 — 45 — (V2) REL
44
14
13
0
59
55
54
50
49
44
43
40
39
TO DAS CKT VIA TV CONN CKT — 35
34
(V1) REL — 30 — (V3) REL
29
28
27
26
25
24
20
19
18
17
16
15
TO TV CKT OR TO DAS CKT VIA TV CONN CKT — 0

SEE TABLE 76A FOR LEAD DESIGNATIONS

(VK)

BARE WIRE MULT TO (V1) RELAYS FOR TRANSVERTERS 0-5

(VN)

59 — 59
58
57
56
55
54 — (ZX)
53
52
51
45
To FIG. 60 — 44
41
40
37
24
23
22
21
20
19
11
10
4
0

TO CAD 136 (SEE TABLE 76B)

TO MASTER TEST CONTROL CKT (SEE NOTE 22)
TO CAD 215 — XET
TO CAD 198 — MC

TS (V1) ADJ TO MULTI-CONTACT REL (V1) FOR TRANSVERTER 0

TS (V1) ADJ TO MULTI-CONTACT REL (V1) FOR TRANSVERTER 5

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D SAV CLK Apl
70D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G22A

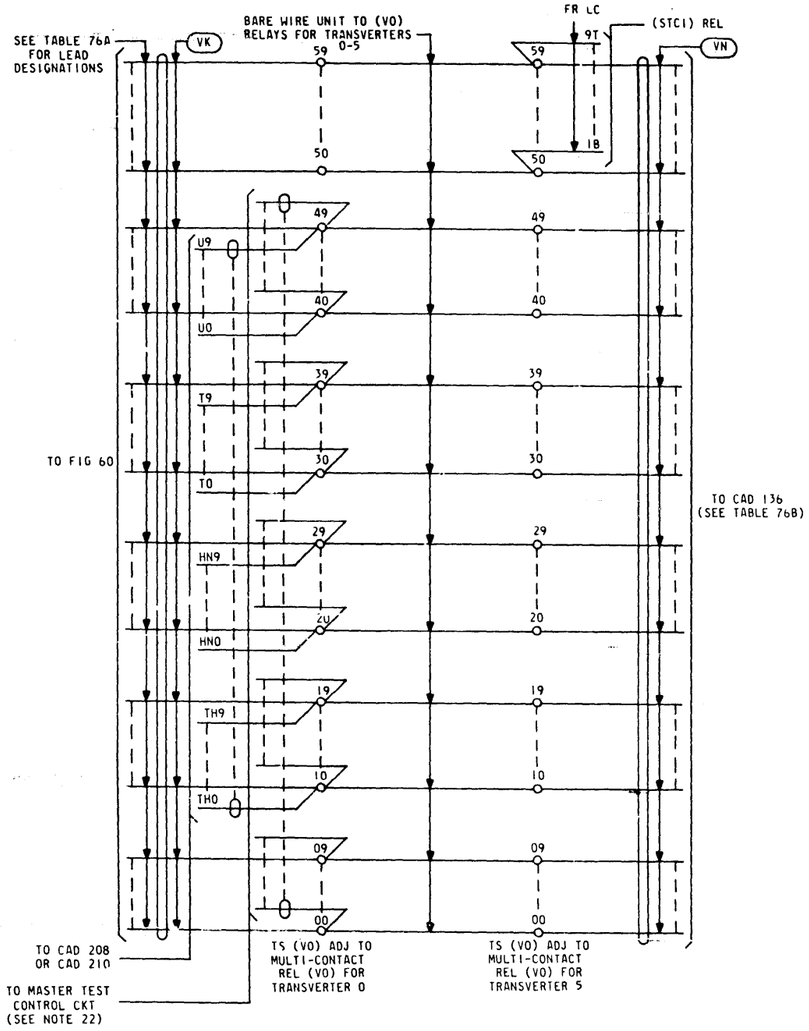
BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S — PRINTED IN U.S.A.

SD-25805-01-G22A

STABILO K&E

PART OF FIG 76 (A&M ONLY)

(FOR FIG 26 & 158) FOR PAPER TAPE AMA RCDG ONLY



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01-	G22B

E-7481 (8-79) PRINTED IN U.S.A.

SD-25805-01-G22B

PART OF FIG. 76 (A&M ONLY)

(FOR FIG. 25 & 158) FOR PAPER TAPE AMA RCDG ONLY

SEE TABLE 76A FOR LEAD DESIGNATIONS

TO FIG. 60

TS (V2) ADJ. TO MULTICONTACT REL (V2) FOR TRANSVERTER 0

TS (V2) ADJ TO MULTICONTACT REL (V2) FOR TRANSVERTER 5

TO CAD 208

BARE WIRE MULT TO (V2) RELAYS FOR TRANSVERTERS 0-5

TO FIG. 60

TO MASTER TST CONT CKT (SEE NOTE 224)

TS (V3) ADJ TO MULTICONTACT REL (V3) FOR TRANSVERTER 0

TS (V3) ADJ TO MULTICONTACT REL (V3) FOR TRANSVERTER 5

BARE WIRE MULT TO (V3) RELAYS FOR TRANSVERTERS 0-5

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

TO TRANSVERTER CKT

(WO) REL

TO MTC

SEE TABLE 5D FOR LEAD DESIG

TO CAD 136 (SEE TABLE 76B)

BARE WIRE MULT TO (V4) RELAYS FOR TRANSVERTERS 0-5

TO CAD 136 (SEE TABLE 76B)

TO FIG. 60

TS (V4) ADJ TO MULTICONTACT REL (V4) FOR TRANSVERTER 0

TO FIG.64 (ND)

TO (STC3) REL

TO MASTER TST CONT CKT

TO FIG. 60

TO CAD 17

TS (WO) ADJ TO MULTICONTACT REL (WO) FOR TRANSVERTER 0

BARE WIRE MULT TO (WO) RELAYS FOR TRANSVERTERS 0-5

SEE TABLE 76A OR TABLE 5 FOR LEAD DESIG

TO FIG. 77

TO CAD 136 (SEE TABLE 76B)

TS (WO) ADJ TO MULTICONTACT REL (WO) FOR TRANSVERTER 5

FR LC

TO CAD 19

SEE TABLE 5D FOR LEAD DESIG

TO TRANSVERTER CONN CKT

TO TRANSVERTER CKT

(V4) REL

DRAWING ISSUE	
43D	TG CLK Adj JLD PRH GND
52D	
68D	
70D	
73D	

ISSUE 96B

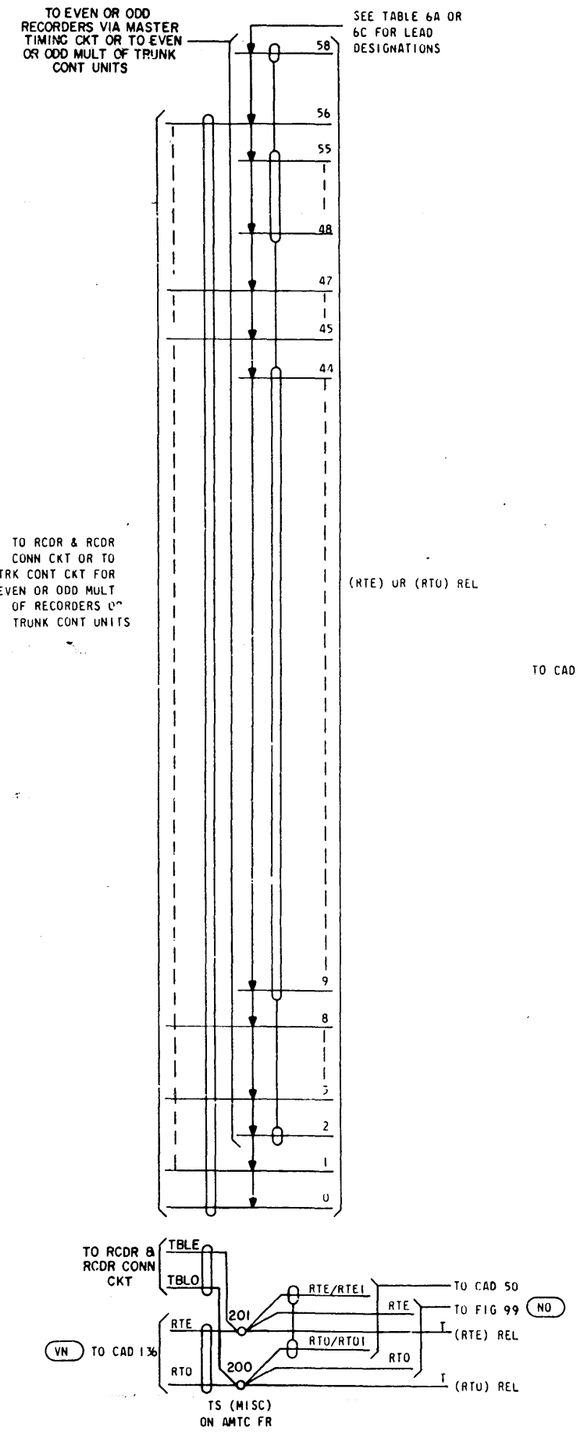
MASTER TEST FRAME CONNECTOR CKT (2)

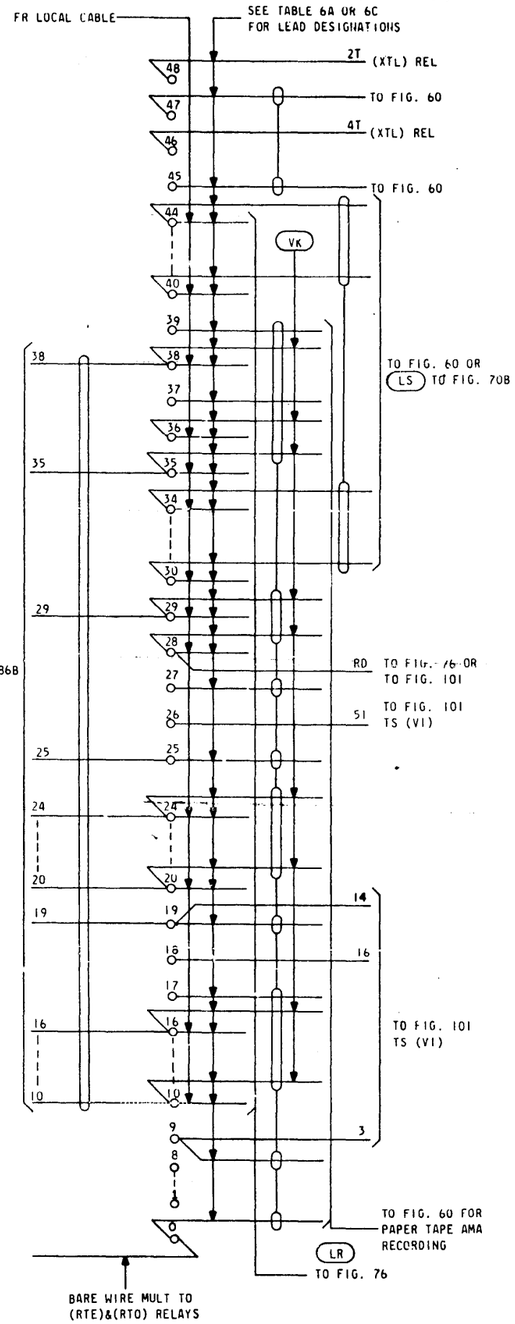
SD-25805-01-G23

BELL TELEPHONE LABORATORIES INCORPORATED

6S

FIG. 77 (A8M ONLY)
(FOR FIG. 27)





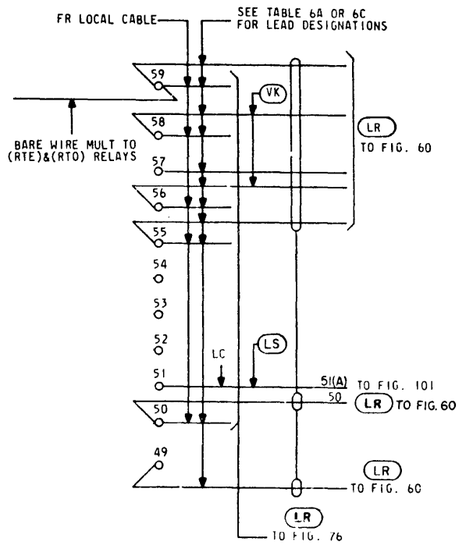


FIG. 78
(FOR FIG. 31)
(SEE CAD 149 FOR SWBD CA TO OFFICE TEST FR)

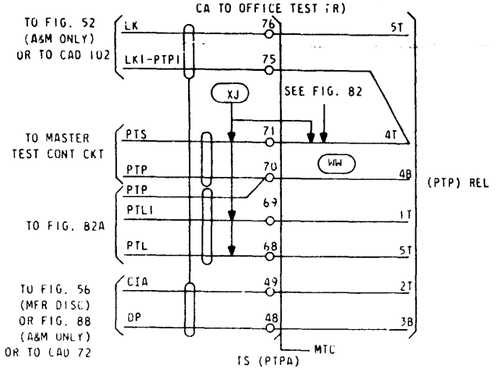
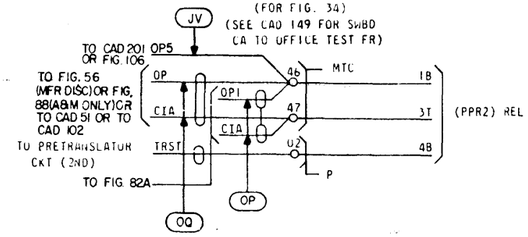


FIG. 80
(FOR FIG. 34)
(SEE CAD 149 FOR SWBD CA TO OFFICE TEST FR)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G24

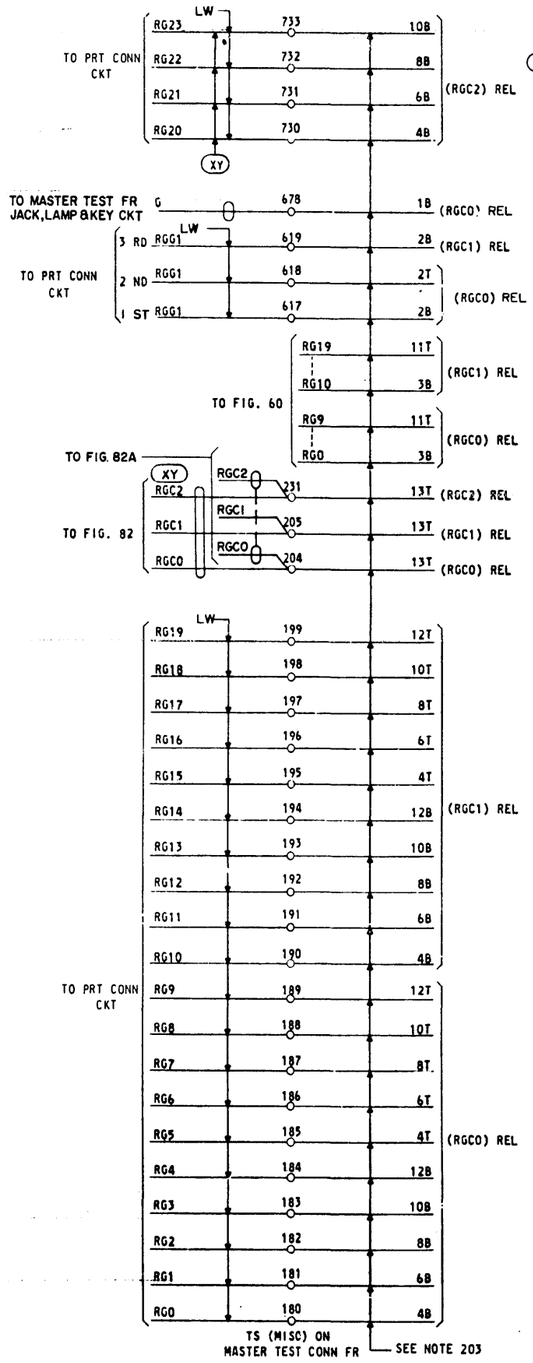
BELL TELEPHONE LABORATORIES INCORPORATED

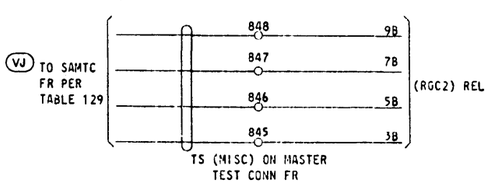
SIZE 6S

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FIG. 81 (A&M ONLY)

(FOR FIG. 35)





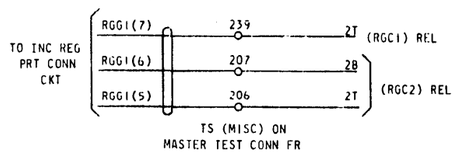
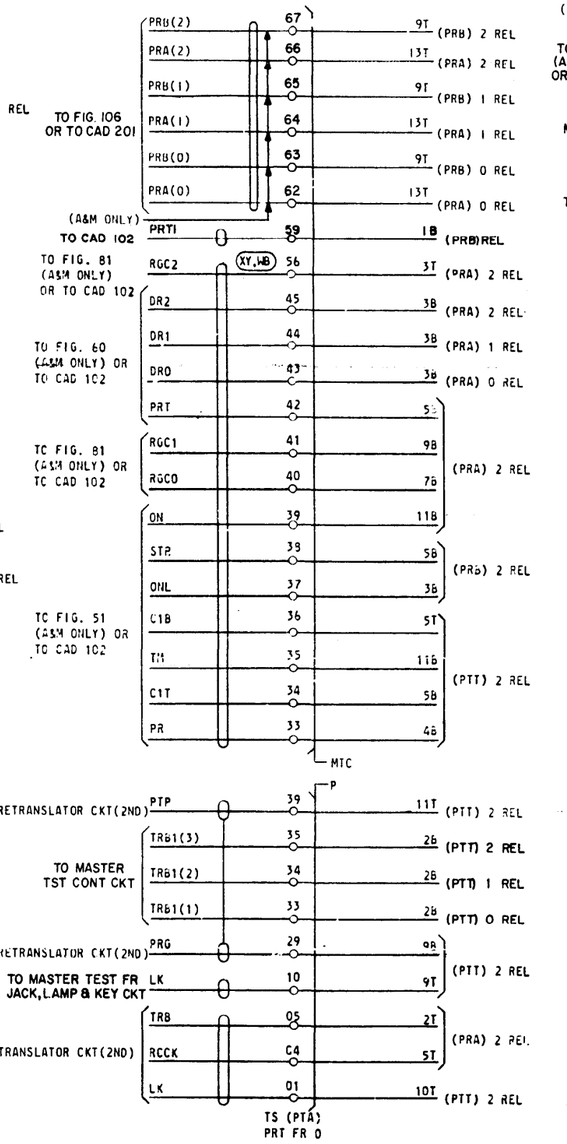
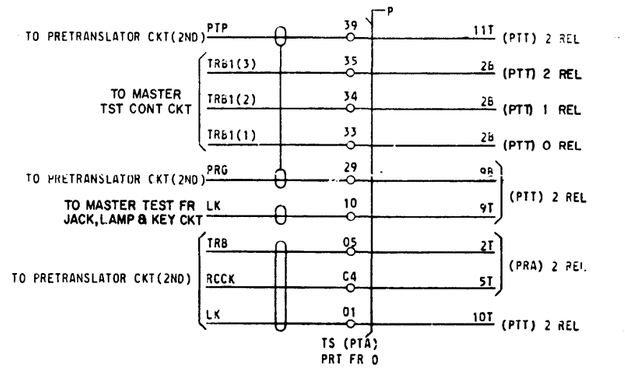


FIG. 82

(FOR FIG. 36)

(SEE CAD 149 FOR SWBD CA TO OFFICE TEST FR)





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE 61A.

DRAWING ISSUE

43D	PED CLC DAD WTK
520	AP1 AP2 AP3 RPS
57A	Cm Amp
600	DM PDT Amp
700	
710	
730	
750	

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT. (2) SD-25805-01-G25A

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SD-25805-01-G25A

STABILO K+E

0-7401 110-013

FIG. 82A

(FOR FIG. 31,36,182,189 & 190 WITH IDDD PRT OPTION OP OR
FOR FIG. 31,36,191,192, & 193 WITH INC REG PRT , OPTION OT)
(SEE CAD 149 FOR SWBD CABLE TO OTTIC)

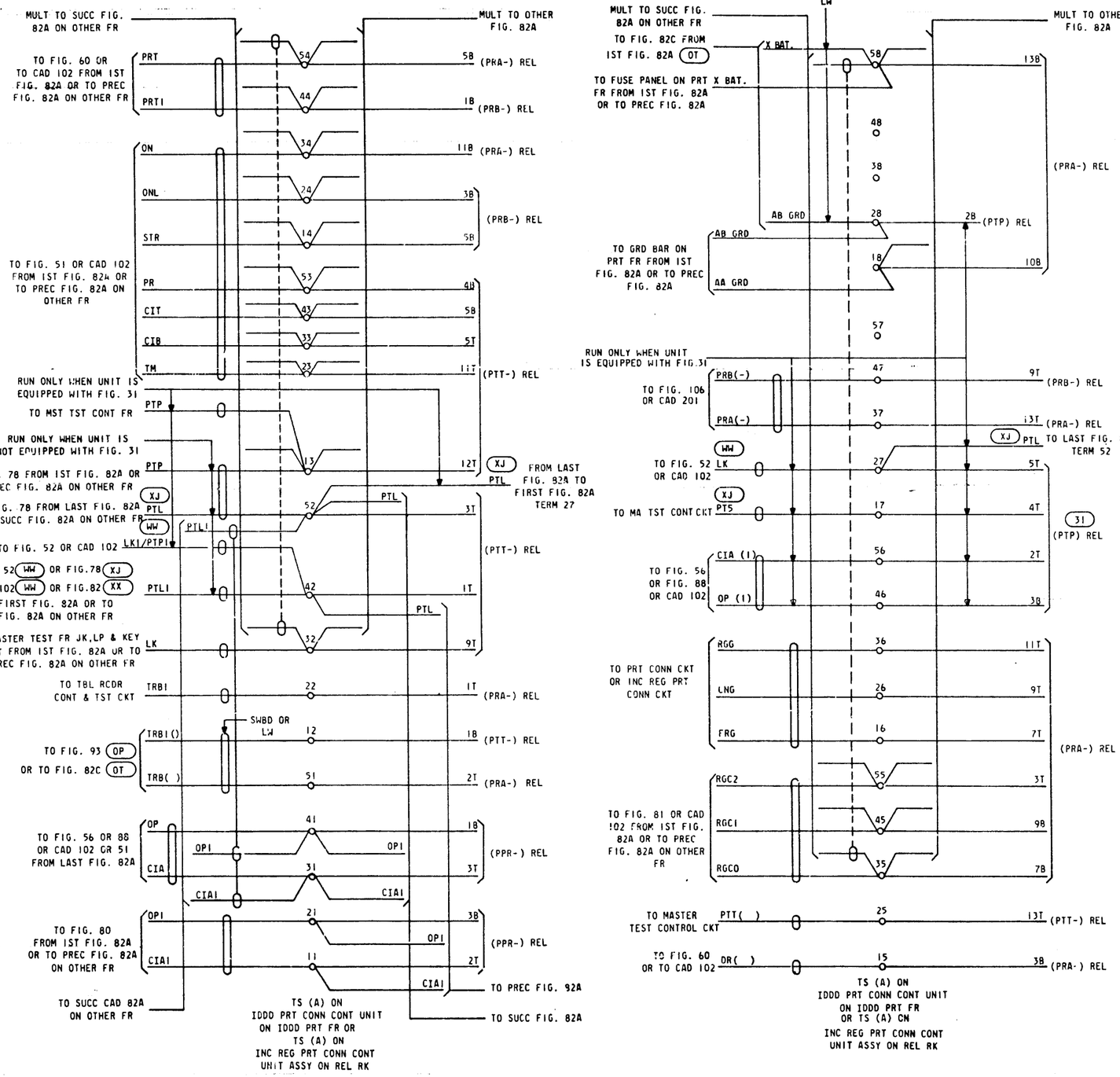
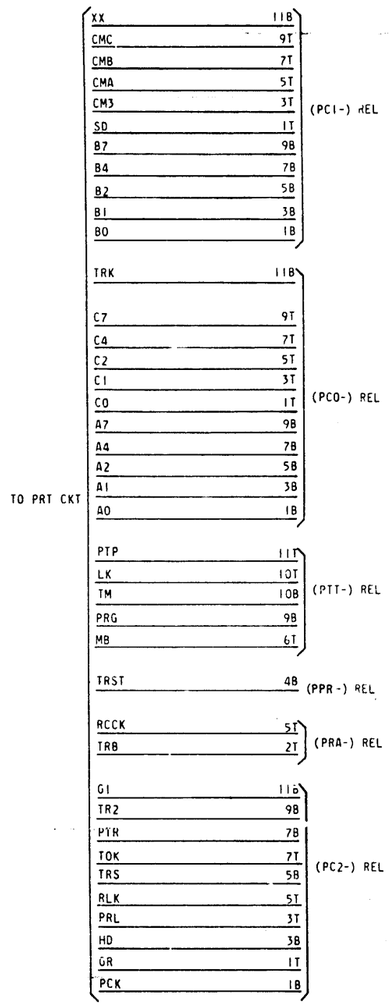


FIG. 82B

CABLE BETWEEN IDDD PRT AND
THE MTC CONTROL UNITS
(FOR FIG. 32,33,34,36,37,189 & 190)



DRAWING ISSUE
71D
73D
75D

ISSUE 89B

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

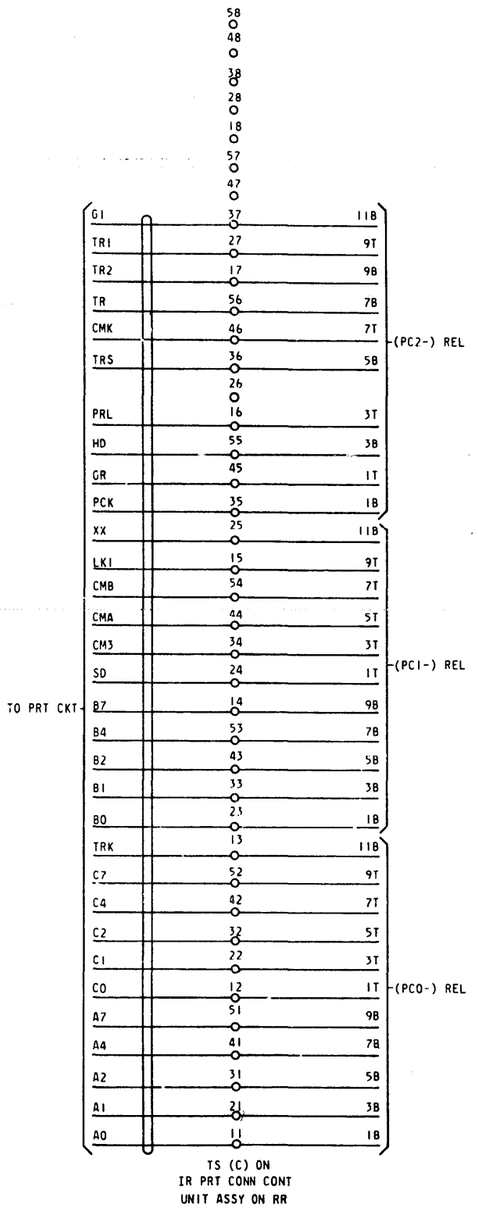
SD-25805-01-625B

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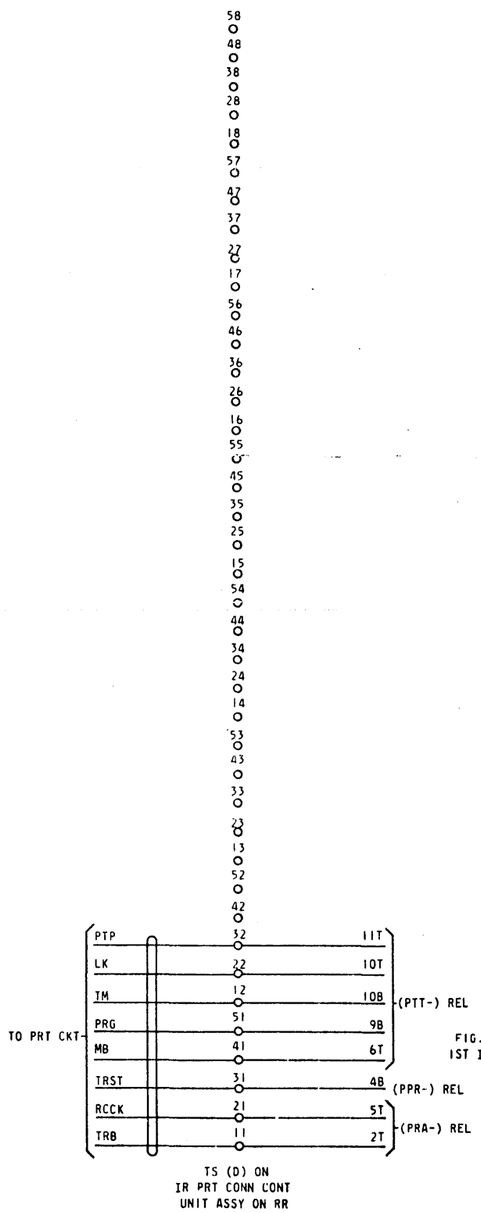
6S

FIG. 82C

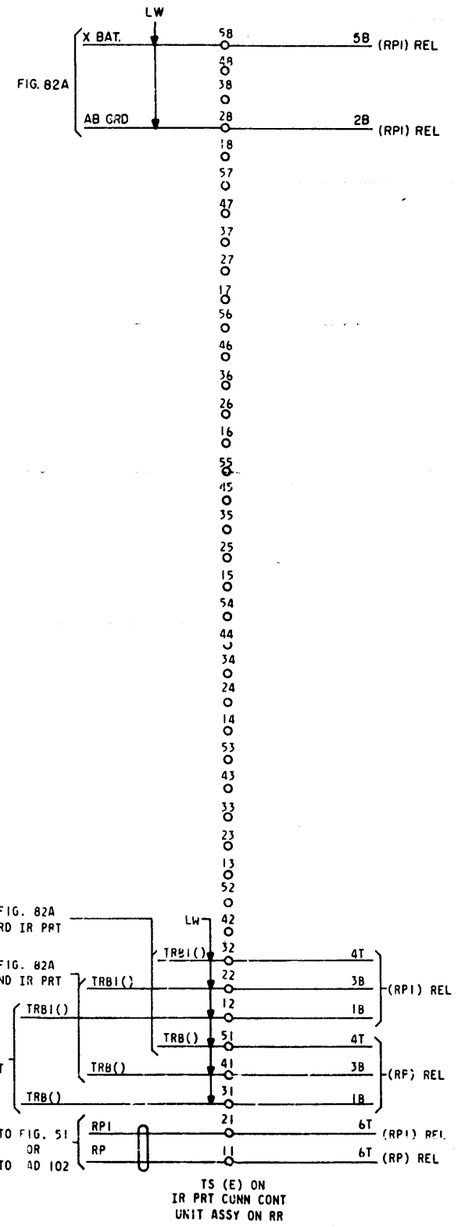
SWBD CABLE AND LW BETWEEN IR PRETRANSLATOR
AND THE MTC CONTROL UNITS
(FOR FIG. 32,33,34,36,37,38,191,192,AND 193)



TS (C) ON
IR PRT CONN CONT
UNIT ASSY ON RR



TS (D) ON
IR PRT CONN CONT
UNIT ASSY ON RR



TS (E) ON
IR PRT CONN CONT
UNIT ASSY ON RR

DRAWING ISSUE
73D
75D

ISSUE 87B

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

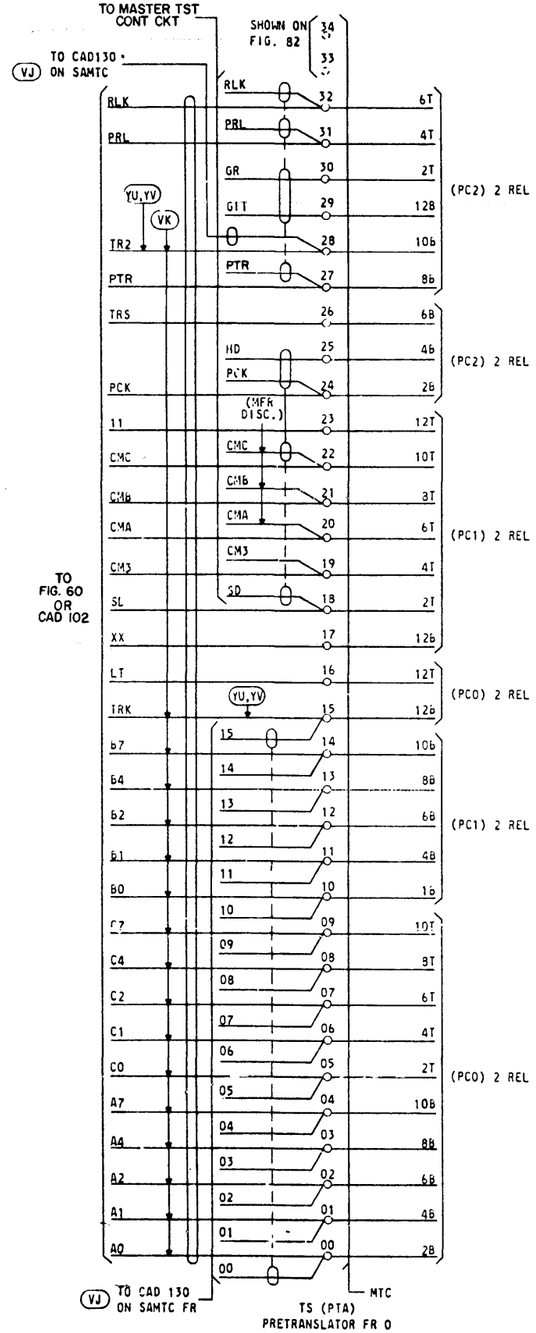
SD-25805-01-G25C

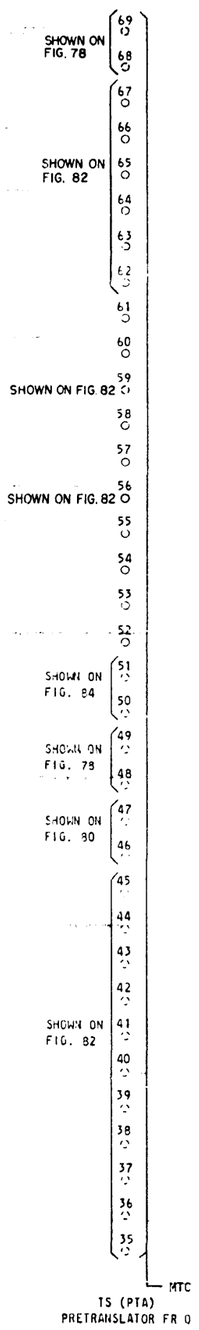
BELL TELEPHONE LABORATORIES INCORPORATED

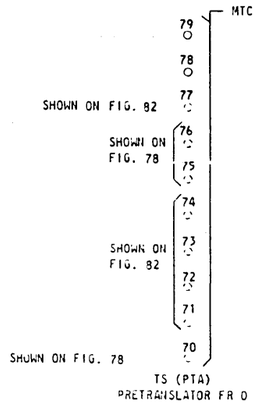
6S

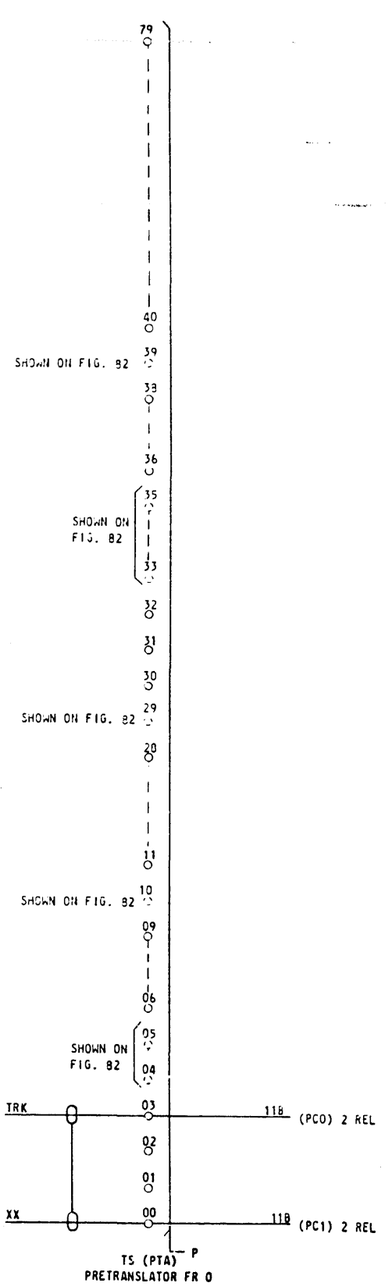
FIG. 83

(FOR FIG. 37)
(SEE CAD 149 FOR SWBD CA TO OFFICE TEST FR)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
830 EM CLW
70D
71D

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G26A

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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STABILO

FIG. 83A

(FOR FIG. 37 WITH IDDD PRT (OP) OR FOR FIG. 37 WITH IR PRT (OT))
(SEE CAD 149 FOR SWBD CABLE TO OTTIC)

MULT TO OTHER FIGURES 83A ON OTHER FRAMES
TO MASTER TEST CONTROL CKT FROM 1ST FIG. 83A ONLY

MULT TO OTHER FIGURES 83A ON SAME FRAME

SD — SD — 54 — 2T

XX — 44 — 12B — (PC1) REL

TRS — 34 — 6B
TR2 — 24 — 10B — (PC2) REL

TRK — 14 — 12B
C7 — 53 — 10T
C4 — 43 — 8T
C2 — 33 — 6T — (PCO) REL

TO FIG. 60 OR TO CAD 102 FROM 1ST FIG. 83A

C1 — 23 — 4T
C0 — 13 — 2T

B7 — 52 — 10B
B4 — 42 — 8B
B2 — 32 — 6B — (PC1) REL
B1 — 22 — 4B
B0 — 12 — 2B

A7 — 51 — 10B
A4 — 41 — 8B
A2 — 31 — 6B — (PCO) REL
A1 — 21 — 4B
A0 — 11 — 2B

TS (B) ON IDDD PRT CONN CONT UNIT ON IDDD PRT FR OR TO TS (B) ON INC REG PRT CONN CONT UNIT ASSY ON REL RK

RUN ONLY FROM FIG. 83A ASSOC WITH IR PRT

TO FIG. 83A ASSOC WITH IDDD PRT ONLY — RLK

58 48 38 28 18 57 47 37

(OT) ONLY

MULT TO OTHER FIGURES 83A ON OTHER FRAMES
TO MASTER TEST CONTROL CKT FROM 1ST FIG. 83A ONLY

MULT TO OTHER FIGURES 83A ON SAME FRAME

TRL — 37 — 10T
HD — 27 — 4B
GR — 17 — 2T
GIT — 56 — 12B

RUN ONLY FROM FIG. 83A ASSOC WITH IDDD PRT

TO FIG. 83A ASSOC WITH IR PRT ONLY — RLK

RLK — 46 — 6T
RLK

PRL — 36 — 4T — (PC2) REL
PRL

PTR — 26 — 8B
PTR

PCK — 16 — 2B
PCK

(OT) CMK — (OP) TOK — 55 — 8T

(OT) LKI — (OP) CMC — ZB — 45 — 10T
CMC

(OT) LKI, (OP) CMB — 35 — 8T
CMB

CMA — 25 — 6T — (PC1) REL
CMA

CM3 — 15 — 4T
CM3

TO FIG. 60 OR TO CAD 102 FROM 1ST FIG. 83A

TS (B) ON IDDD PRT CONN CONT UNIT ON IDDD PRT FR OR TO TS (B) ON INC REG PRT CONN CONT UNIT ASSY ON REL RK

DRAWING ISSUE: 71D, 73D, 75D

ISSUE 87B

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

SD-25805-01-G26B

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G26B

FIG. 84
(FOR FIG. 38)

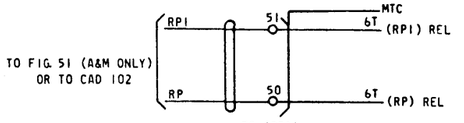
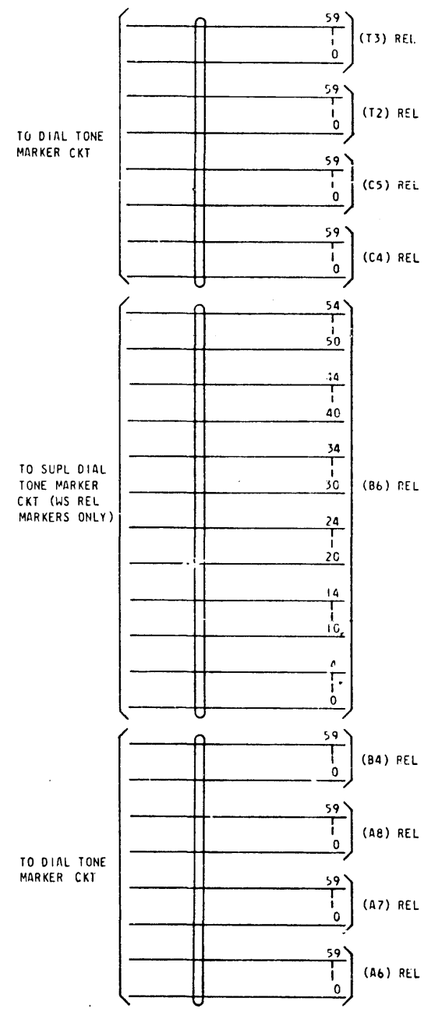
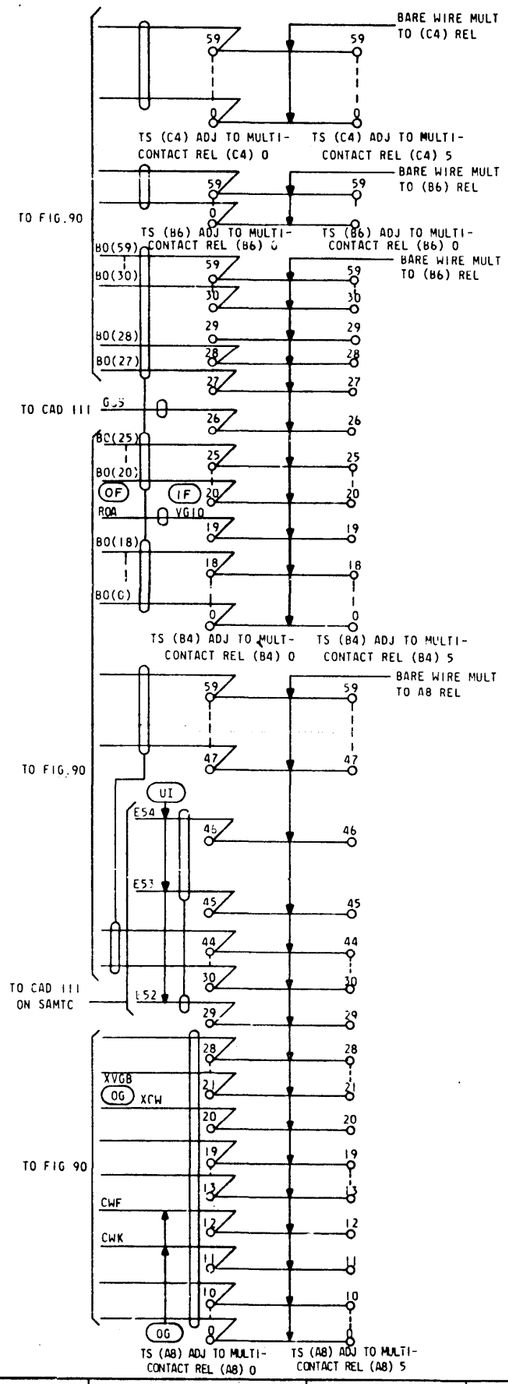


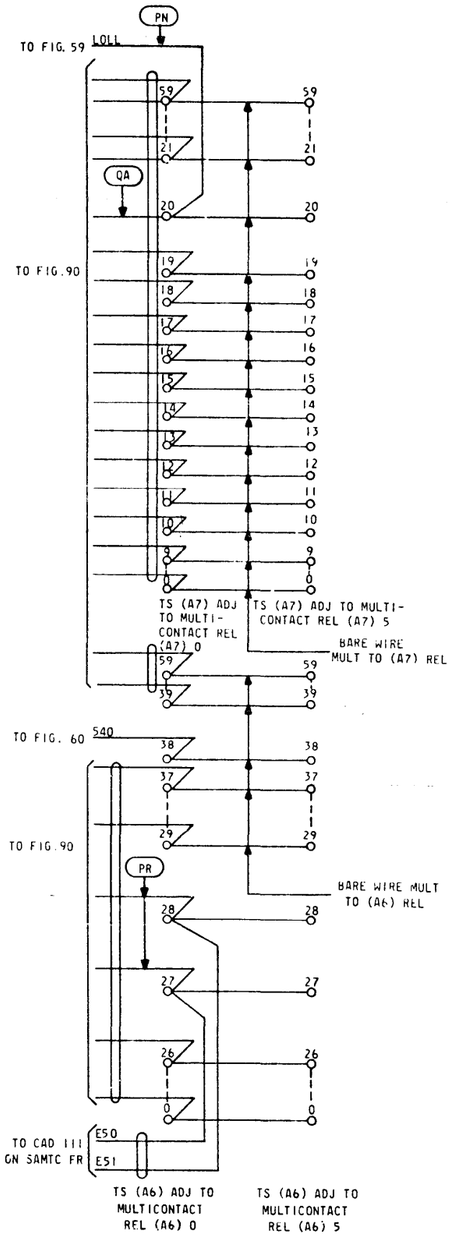
FIG. 85 (A&M ONLY)
(FOR FIG. 9)
SEE TABLE 3
FOR LEAD DESIG

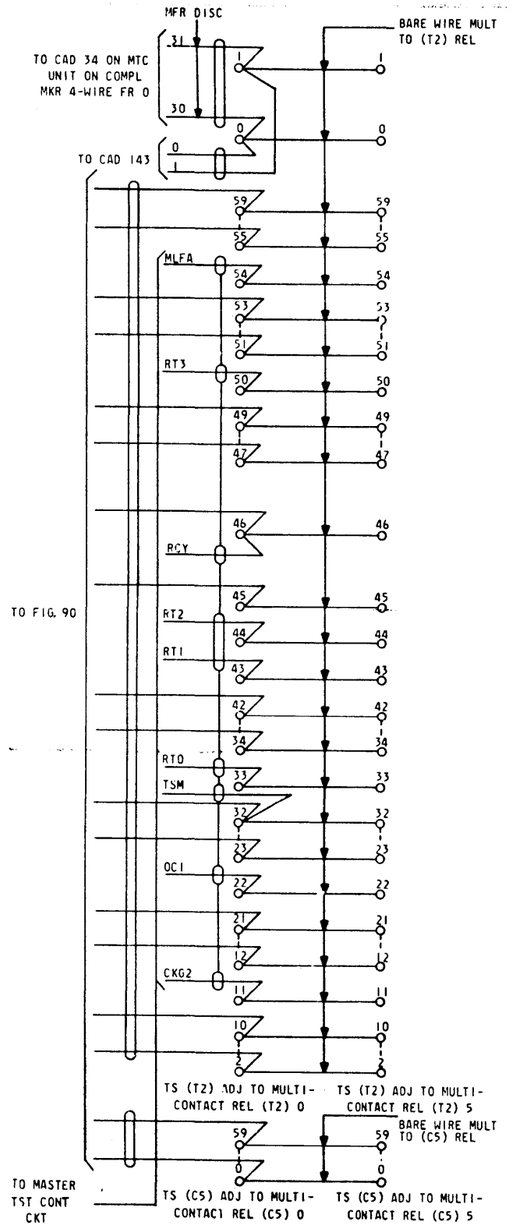


NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

PART OF FIG. 86 (A&M ONLY)
(FOR FIG. 9)
SEE TABLE 3 OR 3B FOR LEAD DESIG







DRAWING ISSUE	
64D	JHW
58D	
70D	
75D	

ISSUE 93A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G27

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S — PRINTED IN U.S.A.

SD-25805-01-G27

PART OF FIG. 86 (A&M ONLY)

(FOR FIG. 9)

SEE TABLE 3 OR 3B FOR LEAD DESIG

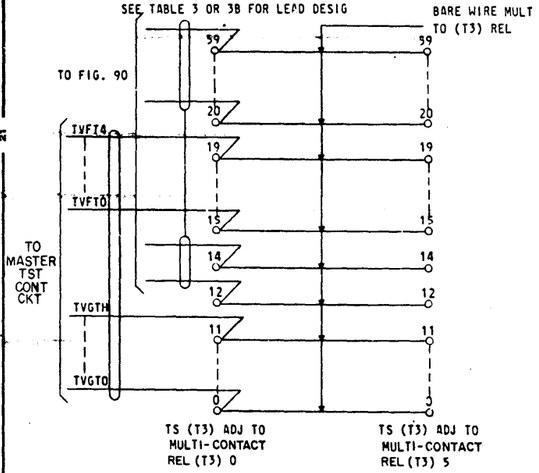
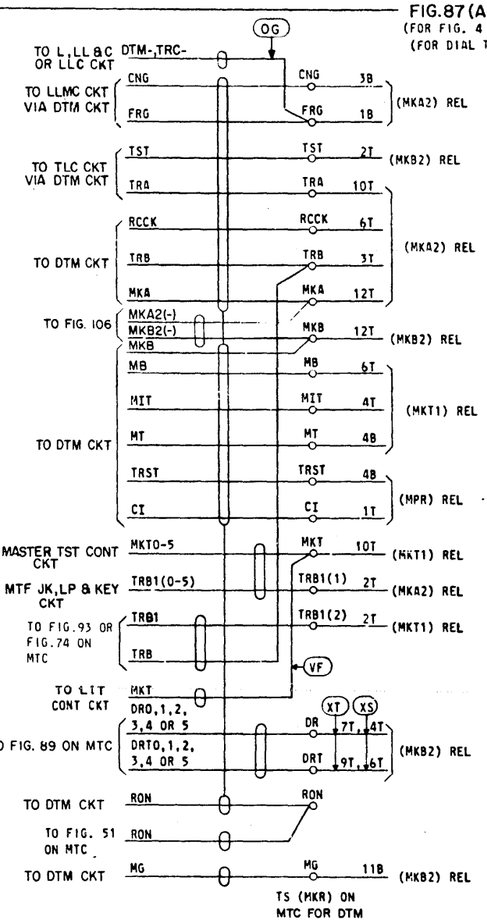


FIG. 87 (A&M ONLY)

(FOR FIG. 4 OR 5, 6 & 41)

(FOR DIAL TONE MARKERS)



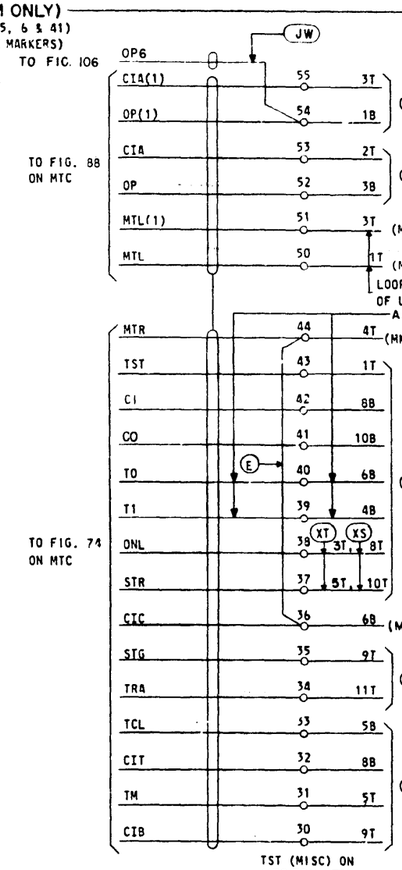
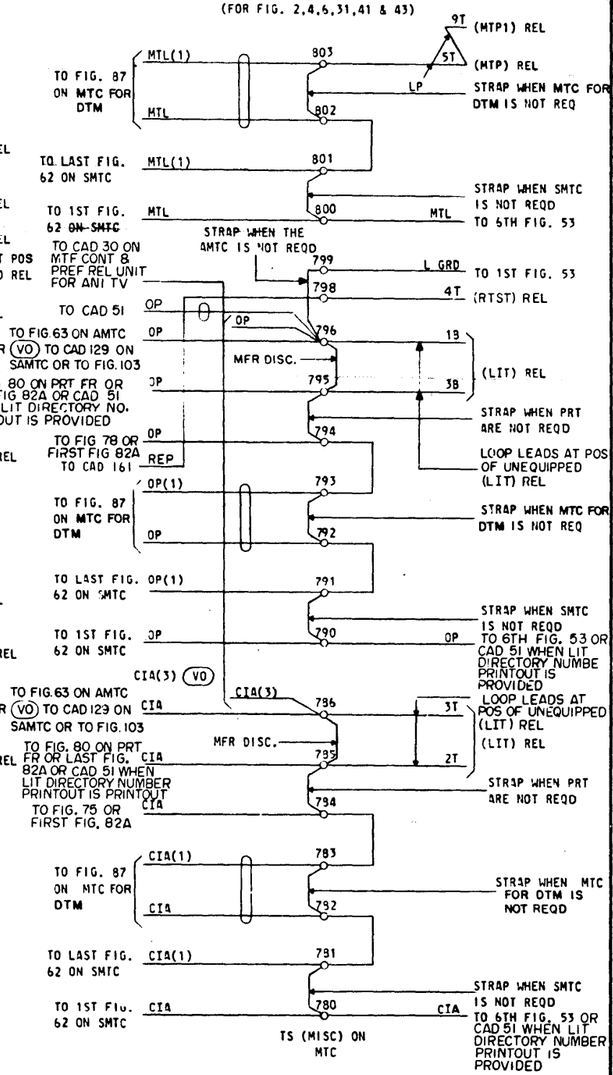


FIG. 88 (A&M ONLY)

(FOR FIG. 2,4,6,31,41 & 43)



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	MCA CLO IND
53AR	FLR LW AKP
62D	JK
70D	
71D	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G28

BELL TELEPHONE LABORATORIES INCORPORATED

6S

FIG. 89 (A&M ONLY)
(FOR FIG.10)

VJ TO SAMTC FR PER TABLE 129
TO CAD 218 OR 219

CROSS CONN TO DRO-9 ON FIG.91

DR9 959 DR9 DR9 — DRO 950 DRO DRO — TO FIG.60

CONN "DR" LEADS TO PUNCHINGS FOR DRO-DR9 ACCORDING TO THE UNITS DIGIT OF THE MARKER NUMBERS M0,M1,M2--M11

DR 949 DR11
DR 948 DR10 — TO FIG.73 ON 2ND SUPL MASTER TEST CONN FR
DR 947 DP9

DR 946 DR8
DR 945 DR7 — TO FIG.73 ON 1ST SUPL MASTER TEST CONN FR
DR 944 DR6

DR 943 DR 6TH
DR 942 DR 5TH
DR 941 DR 4TH — TO FIG.53
DR 940 DP 3RD

MASTER TEST CONN FR LOCAL CABLE

DR 939 DR5
DR 934 DRO — TO FIG.87 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

913 DRT1 — TO FIG.60

TO FIG.87 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS
DRT5 912
DRT4 911
DRT3 910
DRT2 909
DRT1 908
DRT0 907

INTERCONNECT THE "DRT" LEADS SO THAT MARKERS M0-M9 ARE ASSOCIATED WITH "DRT0" AND MARKERS M10 AND M11 ARE ASSOCIATED WITH "DRT1"

TO FIG.73 ON 2ND SUPL MASTER TEST CONN FR
DRT11 906
DRT10 905
DRT9 904

TO FIG.73 ON 1ST SUPL MASTER TEST CONN FR
DRT8 903
DRT7 902
DRT6 901

SEE NOTE 204
900 DRTO — TO FIG.60

TS(MISC) ON MASTER TEST CONN FR

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

PART OF FIG. 90 (A&M ONLY)
(FOR FIG. 9)
FOR CONN TO DMTC

SHOWN ON FIG. 59

45 TG5
44 TG4
43 TG3
42 TG2
41 TG1
40 TG0
39 CY
38 RCY
37 SNK
36 FM
30 TBO
28 VTK1
11 XLH — TO FIG.86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS
9 CN
WN JXP1
7 WM CNE
6 LK
5 RK
4 TK
2 DCT1
0 LXP1

TS(A2) ADJ TO MULTI-CONT REL(A2)5

SHOWN ON FIG.59
59
0
TS(A1) ADJ TO MULTI-CONT REL(A1)5

SHOWN ON FIG.59
59
0
TS(A0) ADJ TO MULTI-CONT REL(A0)5

SEE TABLE 3 FOR LEAD DESIG

SHOWN ON FIG. 59
54 OG CWK
47 JXPA
5 ROA
TS(A4) ADJ TO MULTI-CONT REL(A4)5 WN

49 XSL
UL
46 XTC1
45 XTC
43 XTRL
42 XBT
41 XTRK
39 XTG1
38 XTS1
37 XFG — TO FIG. 86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS
35 XCH
34 XLS

SHOWN ON FIG. 59
UL
30 XLV
29 XVGA
28 XJS
27 XHG
26 XLG
25 XLC
24 XLR
23 XJG
22 XJC
21 XF
OG XCW
20 XVBG
19 MXT
18 XTS
14 XCS
7 XCL
3 XPTN
2 XPG

TS(A3) ADJ TO MULTI-CONT REL(A3)5

SHOWN ON FIG.59
47
46
0
TS(C1) ADJ TO MULTI-CONT REL(C1)5

SHOWN ON FIG.59
56
55
40
38
36
32
0
TS(C0) ADJ TO MULTI-CONT REL(C0)5 — TO FIG. 86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

SHOWN ON FIG.59
1 BT
TS(B3) ADJ TO MULTI-CONT REL(B3)5

SHOWN ON FIG.59
39 CRU7
38 CRU4
37 CRU2
36 CRU1
35 CRU0
TS(B1) ADJ TO MULTI-CONT REL(B1)5

SHOWN ON FIG.59
59 OG
29
28 CWF
27
25
20
19 VG10
18
0
TS(B0) ADJ TO MULTI-CONT REL(B0)5

SEE TABLE 3 FOR LEAD DESIG

QA
56 LOLL
30 PE
24 TTF
23 SEF
22 FS29
21 FS28
20 F27
14 FS26
13 FS25
12 FS24
11 FS23
10 FS22
4 FS21
3 FS20
2 FTT5
1 FTT4

SHOWN ON FIG.59
TS(B5) ADJ TO MULTI-CONT REL(B5)5

TO FIG.86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

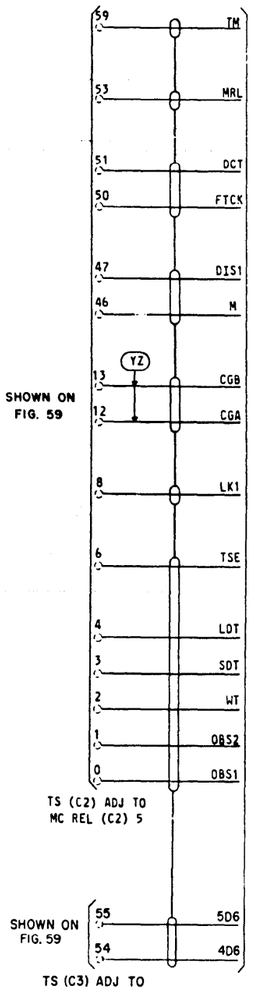
DRAWING ISSUE
93D
88D
56D
68D
70D
75D

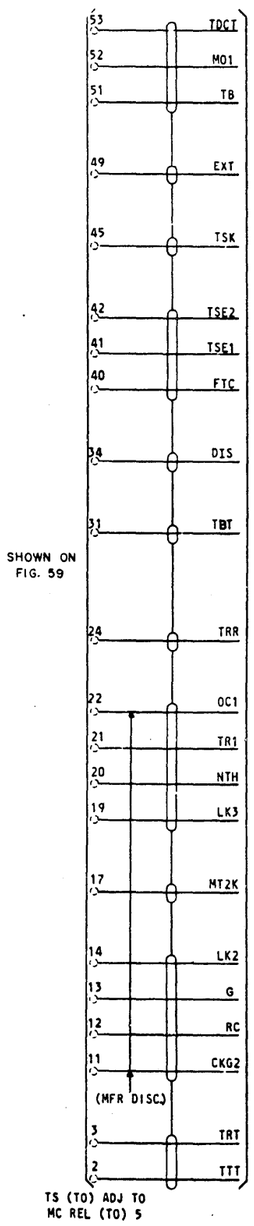
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G29
BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILOK

PART OF FIG. 90 (A&M ONLY)
(FOR FIG. 9)
(FOR CONN TO DMTC)





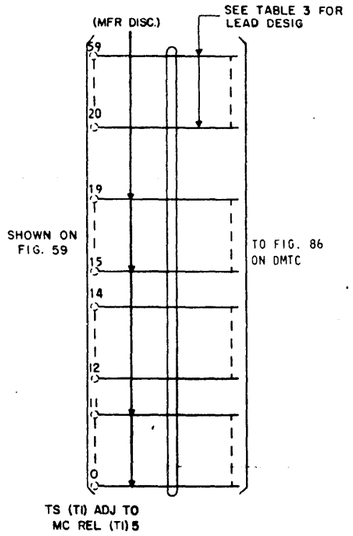


FIG. 91 (A&M ONLY)
(FOR FIG. 10)

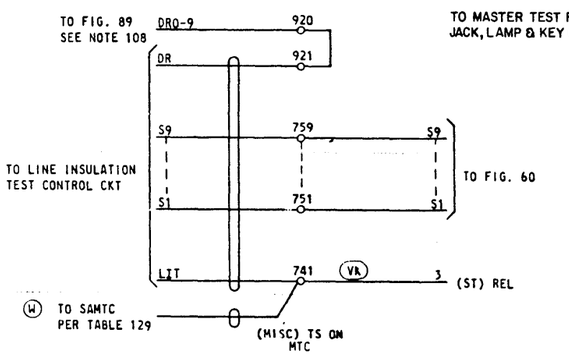


FIG. 92 (A&M ONLY)
(FOR FIG. 7,39 & 40)

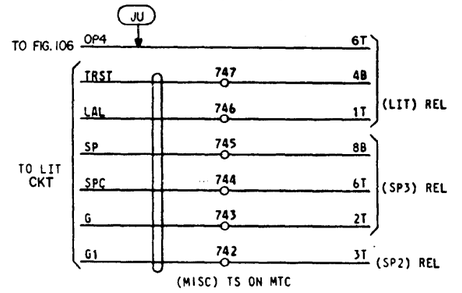


FIG. 94 (A&M ONLY)
(FOR FIG. 183 & 184)

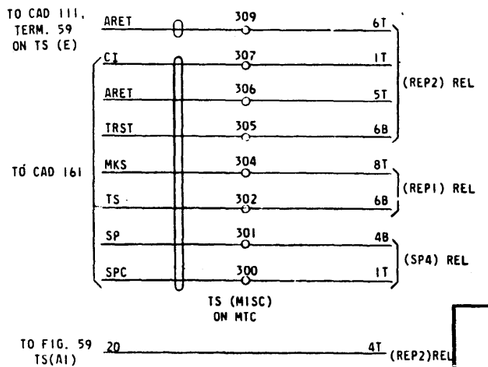
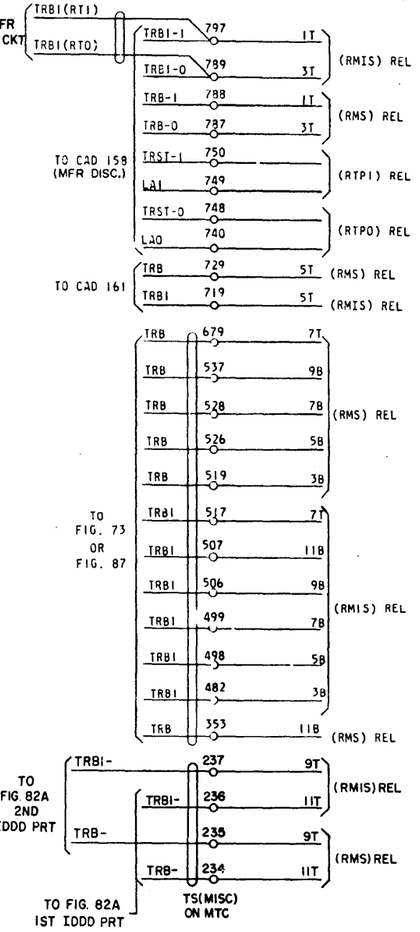


FIG. 93 (A&M ONLY)
(FOR FIG. 191 & 192)



DRAWING ISSUE

43D	KEG CLK AMP
62D	JLR
64D	RJR
68D	
70D	
71D	
75D	

NOTES:
1. FOR LEGEND OF EQUIPMENT DESIGNATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 91A

MASTER TEST FRAME CONNECTOR CKT (2)

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BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-630A

STABILOMASE

(OB) FIG. 95 (A&M ONLY)

SWITCHBOARD CABLE FROM MTC TO STUCK SENDER TRUNK IDENTIFIER

TO STUCK SENDER TRUNK IDENTIFIER CKT

OSG3	OSG3	TO FIG. 59, TS (B1)
OSG2	OSG2	
OSG1	OSG1	
OSG0	OSG0	
OS4	OS4	
OS3	OS3	
OS2	OS2	
OS1	OS1	
OS0	OS0	
SSTI	MOS	TO FIG. 60
RH	RH	TO FIG. 59, TS (A3)
LH	LH	TO FIG. 59, TS (A4) OR (C3)
FU7	FU7	TO FIG. 59, TS (B0)
FU4	FU4	
FU2	FU2	
FU1 (KJ)	FU1	
FU0	FU0	
FT2	FT2	
FT1	FT1	
FT0	FT0	
CI	IT	(SSP) REL (FIG. 186)
TRST	4B	
TRB1	1B	(RMIS) REL — FIG. 182
TRB	1B	(RMS) REL
STR	STR(B29)	TO FIG. 51
ON	ON(B28)	
VU7	VU7	TO FIG. 59, TS (B0) OR (C3)
VU4	VU4	
VU2	VU2	
VU1	VU1	
VU0	VU0	
SSB	SSB	TO FIG. 59, TS (C3)
SSA	SSA	
SWT1	SWT1	TO FIG. 59, TS (A0)
SWT0	SWT0	
SW7	SW7	
SW4	SW4	
SW2	SW2	
SW1	SW1	
SW0	SW0	
OSG11	OSG11	TO FIG. 59, TS (B3)
OSG10	OSG10	
OSG9	OSG9	TO FIG. 59, TS (B3)
OSG8	OSG8	
OSG7	OSG7	
OSG6	OSG6	
OSG5	OSG5	
OSG4	OSG4	TO FIG. 59, TS (B1)

FIG. 96 (A&M ONLY)

SWITCHBOARD CABLING TO CALL WAITING LINE FRAME

TO CALL WAITING LINK CKT

CRS	FIG. 60
HMS	
XS	FIG. 59
XHM	
SXT	

FIG. 97 (A&M ONLY)

(FOR FIG. 197)
1 PER CONN

TO MASTER TEST CONT CKT (SEE NOTE 224)

THT3	54	54
THT2	53	53
RTC	52	52
RNT1	51	51
RNT0 (TO FIG. 60)	50	50
MT57 (TO CAD 175A OR CAD 175B)	44	44
	43	43
THT3 (TO CAD 175B)		
THT2	41	41
RNT0 (TO CAD 197)	40	40
UKA (TO MASTER TEST CONT CKT)	34	34
KAMA (TO CAD 202)		
	30	30
	24	24
	20	20
NTVB	14	14
NTCW	13	13
	12	12
	11	11
	10	10
	04	04
	03	03
RCY	02	02
	01	01
	00	00

STRAP WIRE MULT (GO 0-9) OR (GO 10,11) RELAYS

TO MASTER TEST CONTROL CKT

TS (GO) ON
MASTER TEST CONN
(GO) REL UNIT

FIG. 98 (A&M ONLY)

(FOR FIG 197)
1 PER COMP MKR

TO COMPLETING MKR CKT

THT3	58	54M
THT2	48	53M
RTC	38	52M
AD'	28	51M
OD'	18	50M
MT57	57	14M
	47	43M
	37	42M
	27	41M
UKA	17	40M
	56	34M
	46	33M
	36	32M
	26	31M
	16	30M
	55	24M
	45	23M
	35	22M
	25	21M
	15	20M
NTVB	54	14M
NTCW	44	13M
	34	12M
	24	11M
	14	10M
	53	04M
	43	03M
RCY (TO FIG. 58)	33	02M
	23	01M
	13	00M
	52	
	42	
	32	
	22	
	12	
48V (G) (FROM 1ST FIG. 98 TO PRID FR OR TO REL RK FUSE PANEL)	51	B
	41	
	31	
	21	
GO (TO FIG. 54)	11	T
		51

(GO,01, ETC. OR 11) REL

SWBD CA OR LW

TS (GO1,2, ETC. OR 11) ON
MASTER TEST CONN
(GO) REL UNIT

MULT TO OTHER FIG. 98 ON SAME UNIT

DRAWING ISSUE
68D
70D
73D

ISSUE 9A

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

SD-25805-01-G30B

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G30B

FIG. 99(A&M ONLY)

(FOR FIG. 16,17, & 24)

ONE PER THREE RECORDERS(11-19) OR TRUNK CONT UNITS REQUIRED
FOR NO OPTION WHEN SINGLE SIDED TROUBLE RECORD CARD IS PROVIDED
OR FOR DOUBLE SIDED CARD WHEN NO OPTION WAS PROVIDED BEFORE CONVERSION

UNIT	1ST	2ND	3RD
RCDR NO.OR TRK CONT UNIT	13	16	19
	12	15	18
	11	14	17

TO ASSOC RCDR & RCDR CONN CKT OR TO ASSOC TRUNK CONT CKT

48 RC 47 13T
TRCA 46 1B
TRCB 45 3B (RC) REL
TRCC 44 5B
TRB 43 9B
43
RCCK 42 3B (RCR) REL
TRST 41 4B (RPR) REL
OF 3RD CKT ON UNIT

40
38
RC 37 13T
TRCA 36 1B
TRCB 35 3B (RC) REL
TRCC 34 5B
TRB 33 9B
33
RCCK 32 3B (RCR) REL
TRST 31 4B (RPR) REL
OF 2ND CKT ON UNIT

28
RC 27 13T
TRCA 26 1B
TRCB 25 3B (RC) REL
TRCC 24 5B
TRB 23 9B
23
RCCK 22 3B (RCR) REL
TRST 21 4B (RPR) REL
OF 1ST CKT ON UNIT

TRBI 18 8B (RC) REL OF 3RD CKT ON UNIT
TO MASTER TEST CONT CKT
TRBI 17 8B (RC) REL OF 2ND CKT ON UNIT
TRBI 16 8B (RC) REL OF 1ST CKT ON UNIT
15
14
13 TO TS (B) IN SAME FIG. 99
12
11

TS (A) ON CONT AND PREF RELAY UNIT FOR AMA RCDRS OR TRUNK CONT UNITS ON AUX MTC

REC — LOOP AT UNOCCUPIED UNIT POSITION
TO FIG. 64
28 4T (RCR) REL
STGA
27 7T
OF 3RD CKT ON UNIT
ON
TO FIG. 63 FOR PAPER TAPE AMA OR TO FIG. 67 FOR MAMA
26 11T (RC) REL
STR
25 6T (RCR) REL
24 6T (RC) REL OF 2ND CKT ON UNIT
23 6T (RC) REL OF 2ND CKT ON UNIT
STRAP ON 1ST & 3RD UNIT
STRAP ON 2ND UNIT
22
RTE
TO FIG. 77
RTO
21 MULT TO OTHER FIG. 99
LOOP AT UNOCCUPIED POSITION
18 6T (RC) REL OF 1ST CKT ON UNIT
OP
17 6T
TO SUCC FIG. 99
OP(1)
C1
(RPR) REL OF 3RD CKT ON UNIT
TO FIG. 68
C1(1)
16 3T
15
OP
14 3B
TO PREC FIG. 99
OP
C1
(RPR) REL OF 1ST CKT ON UNIT
13 2T
TO FIG. 64
C1
LOOP AT UNOCCUPIED UNIT POSITION
12 4T
CO
(RPR) REL OF 3RD CKT ON UNIT
TO FIG. 63 OR TO FIG. 64
C1A
11 5T
MULT TO OTHER FIG. 99
RUN ON LAST FIG. 99 ONLY
RUN ON 1ST FIG. 99 ONLY

TS (B) ON CONT AND PREF RELAY UNIT FOR AMA RCDRS OR TRUNK CONT UNITS ON AUX MTC

58
57
56
55
54
53
52
51

TS (A) ON CONT AND PREF RELAY UNIT FOR AMA RCDRS OR TRUNK CONT UNITS ON AUX MTC

UNIT	1ST	2ND	3RD
RCDR NO.OR TRK CONT UNIT	13	16	19
	12	15	18
	11	14	17

TO FIG. 100 FOR PAPER TAPE AMA OR TO CAD 25 FOR MAMA
TRB 58 43
TRB 57 33
TRB 56 23 TO TS (A) IN SAME FIG. 99
TRBI 55 18
TRBI 54 17
TRBI 53 16
52 8T (RC) REL OF 3RD CKT ON UNIT.
TO FIG. 64 RNTI
RUN ON 1ST UNIT ONLY
51 8T (RC) REL MULT 1ST AND 2ND CIRCUITS ON UNIT
MULT TO OTHER FIG. 99

48 5B (RCR) REL OF 3RD CKT ON UNIT
47
46
TO FUSE PAN. ON FR R
45 7B
44
(RCR) REL OF 3RD CKT ON UNIT
U
43 6B
TO GRD BAR ON FR U
42 6B (RCR) REL OF 2ND CKT ON UNIT
U
41 6B (RCR) REL OF 1ST CKT ON UNIT

38
37
DRA (3,6, OR 9) 36 3T (RCR) REL OF 3RD CKT ON UNIT
DRA (2,5, OR 8) 35 3T (RCR) REL OF 2ND CKT ON UNIT
TO FIG. 64
DRA (1,4, OR 7) 34 3T (RCR) REL OF 1ST CKT ON UNIT
MULT DRA- LEADS FOR CIRCUITS WITH SAME UNITS DIGIT 1 & 11,2 & 12,TO 9 & 19
DR(3,6, OR 9) 33 1T (RCR) REL OF 3RD CKT ON UNIT
DR(2,5, OR 8) 32 1T (RCR) REL OF 2ND CKT ON UNIT
TO FIG. 65
DR(1,4, OR 7) 31 1T (RCR) REL OF 1ST CKT ON UNIT
MULT DR- LEADS FOR CIRCUITS WITH SAME UNITS DIGIT 1 & 11,2 & 12,TO 9 & 19

TS (B) ON CONT AND PREF RELAY UNIT FOR AMA RCDRS OR TRUNK CONT UNITS ON AUX MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE 73D

ISSUE 84A

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-630C

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-630C

(ND) FIG. 100

(FOR FIG. 22 ["WD" OPTION ONLY])
FOR PAPER TAPE AMA REC ONLY

TO FIG. 99

TRB1 (R19)	9T
TRB1 (R18)	7T
TRB1 (R17)	5T
TRB1 (R16)	3T
TRB1 (R15)	1T
TRB1 (R14)	9B
TRB1 (R13)	7B
TRB1 (R12)	5B
TRB1 (R11)	3B
TRB1 (R10)	1B

(RR3) REL

TO FIG. 64

TO FIG. 99

TRB (R19)	9T
TRB (R18)	7T
TRB (R17)	5T
TRB (R16)	3T
TRB (R15)	1T
TRB (R14)	9B
TRB (R13)	7B
TRB (R12)	5B
TRB (R11)	3B
TRB (R10)	1B

(RR2) REL

TO FIG. 64

PART OF FIG. 101 (A&M ONLY)

(FOR FIG. 26 & 158)
FOR MAGNETIC TAPE AMA RECORDING

SEE TABLE 76A OR TABLE 5 FOR LEAD DESIGNATIONS

TO MAMA TRANSVERTER CKT OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

59 — 0 (V0) REL

TO MAMA TRANSVERTER CKT OR TO PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT

59(RL) — 59

TO MAMA TRANSVERTER CKT OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

58

TO MAMA TRANSVERTER CKT OR TO PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT

57(TR) — 57

56 — 7 (V1) REL

TO MAMA TRANSVERTER CKT OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

TO MAMA TRANSVERTER CKT OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

5

TO MAMA TRANSVERTER CKT OR TO PROGRAM CONTROLLED TRANSVERTER CKT

4(MC) — 4

3 — 0

TO MAMA TRANSVERTER CKT OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

SEE TABLE 76A OR TABLE 5 FOR LEAD DESIGNATIONS

59 — 0 (V2) REL

TO MAMA TRANSVERTER CKT OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

59 — 40
39 — 0 (V3) REL

TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

TO MASTER TEST FR CONN CONVERTER UNIT FOR MAMA

REQUIRED FOR CONVERSION ONLY

MAG1 — 54

TO MAMA TRANSVERTER CKT

53M — 0H (V15) REL

SEE TABLE 76A OR TABLE 5 FOR LEAD DESIGNATIONS

DRAWING ISSUE 73D

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G30D

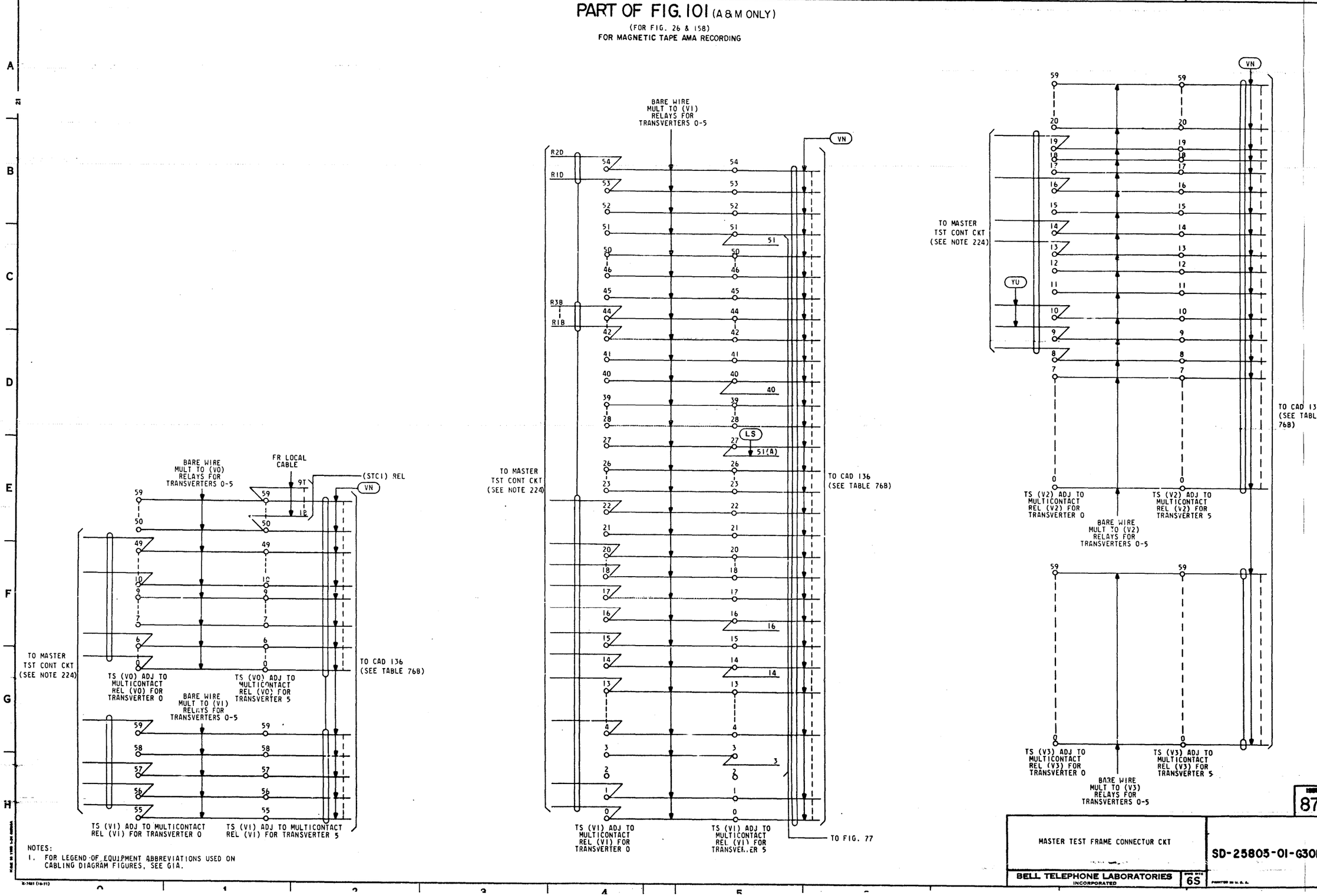
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G30D

PART OF FIG. 101 (A & M ONLY)

(FOR FIG. 26 & 158)
FOR MAGNETIC TAPE AMA RECORDING



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 87B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G30E

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET SIZE 6S

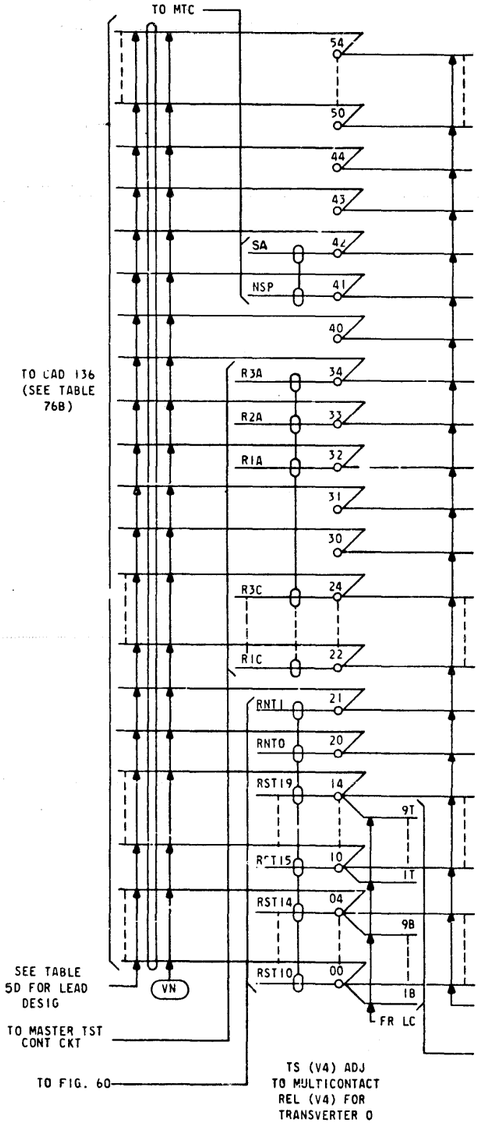
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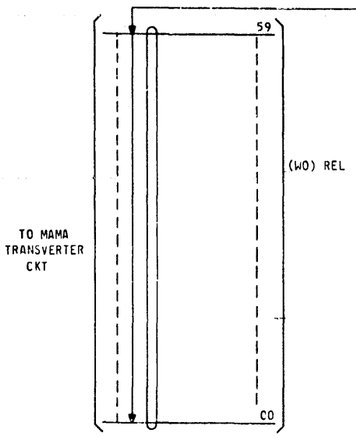
SD-25805-01-G30E

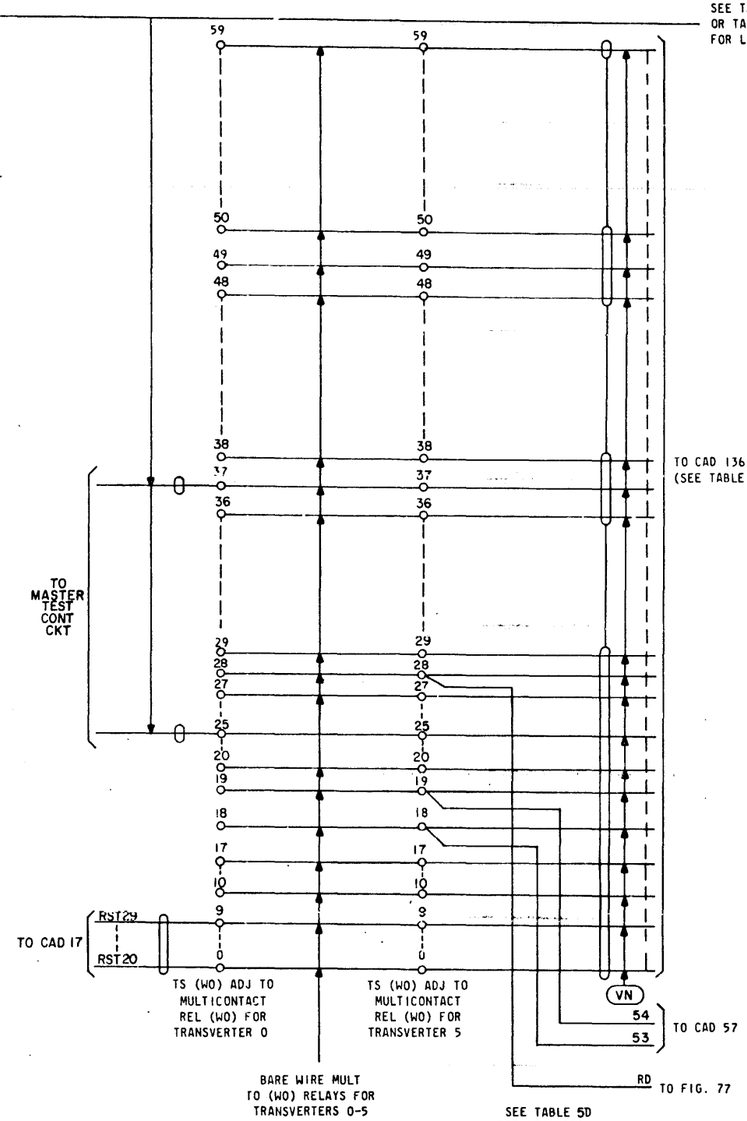
PART OF FIG. 101 (A&M ONLY)

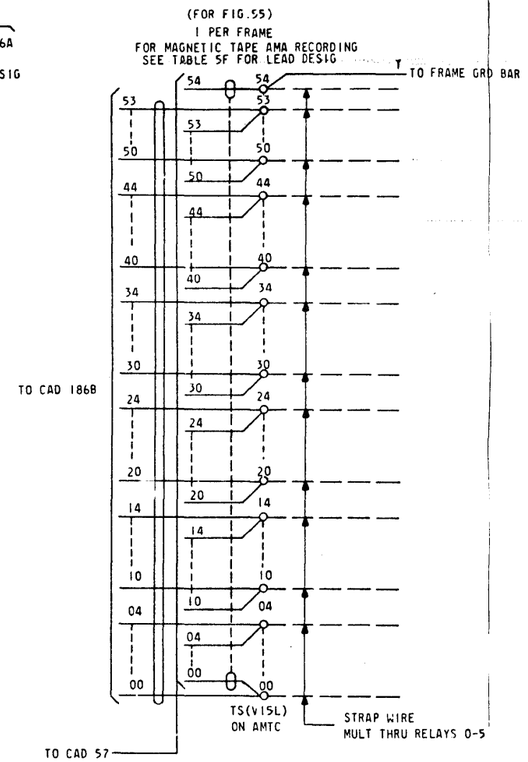
FOR MAGNETIC TAPE AMA RCDR

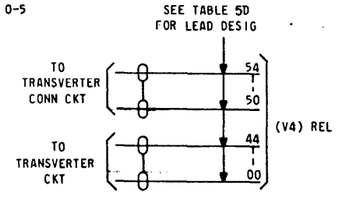
FOR FIG. 26 & 158











NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-G30F

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

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SD-25805-01-G30F

FIG. 102

(FOR FIG. 28)
FOR MAGNETIC TAPE AMA
RECORDING ONLY

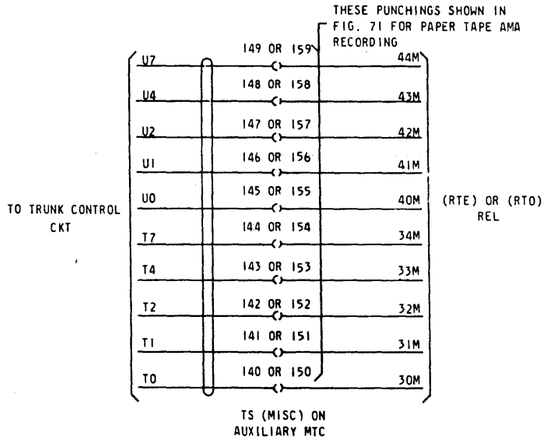


FIG. 103

(FOR FIG. 53)
FOR MAGNETIC TAPE AMA
RECORDING ONLY

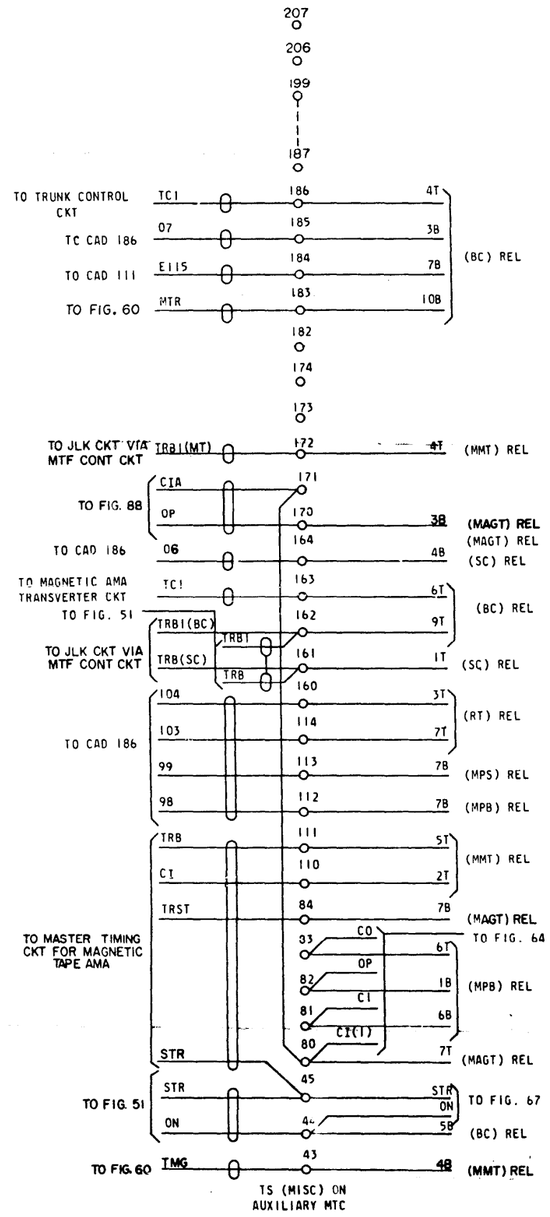
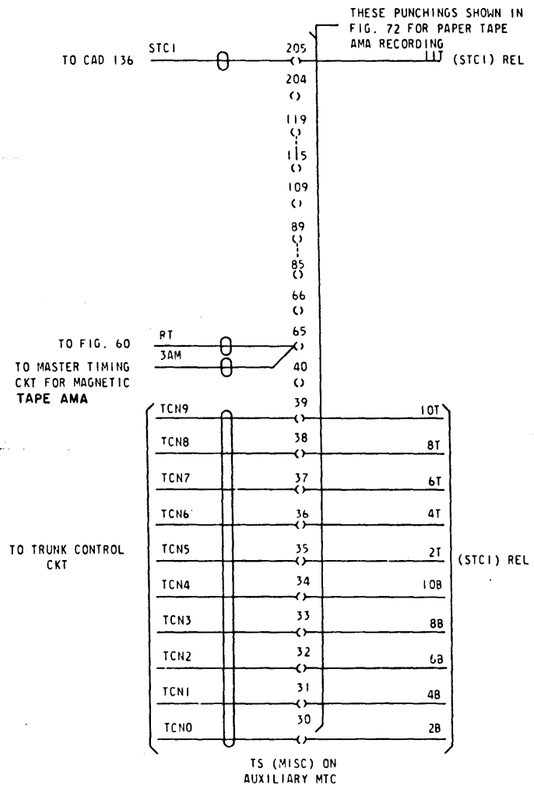


FIG. 104

(FOR FIG. 29)
FOR MAGNETIC TAPE AMA
RECORDING ONLY



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

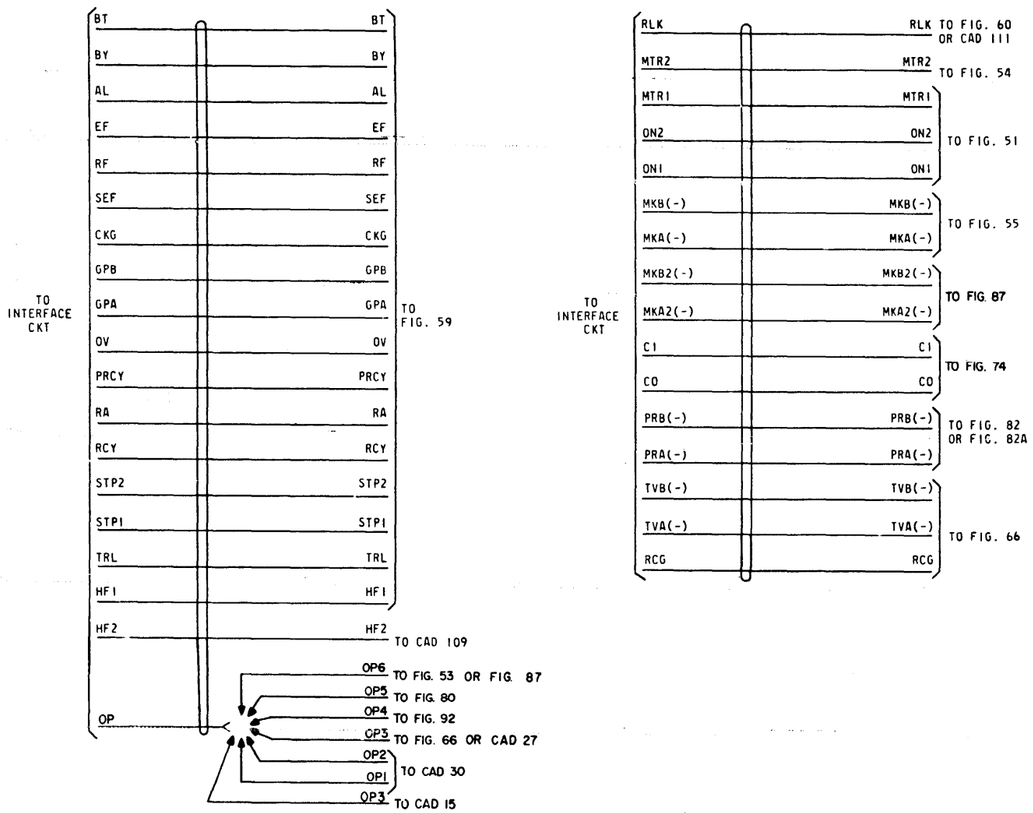
SD-25805-01-G306

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

FIG. 106

SWBD CA FROM MASTER TEST FRAME
CONNECTOR CKT TO INTERFACE CKT FOR
PROGRAM CONTROLLED DATA ACQUISITION



ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT	SD-25905-01-G30H
BELL TELEPHONE LABORATORIES INCORPORATED	SIZE 6S

PRINTED IN U.S.A.

CAD 1

(FOR FIG. 1)

A&M ONLY

CIT 10T (CIT) REL
TM 4B
T1 7B
TO 4B (TS) REL
TCL 9B
CIB 7T
RON (C7) 5T
RON (C6) 3T
RON (C5) 1T
RON (C4) 9B
RON (C3) 7B (RON) REL
RON (C2) 5B
RON (C1) 3B
RON (C0) 1B
TO CAD 3 TRB1 (C7) 5T
TRB1 (C6) 3T
TRB1 (C5) 1T
TRB1 (C4) 9B
TRB1 (C3) 7B (RM1) REL
TRB1 (C2) 5B
TRB1 (C1) 3B
TRB1 (C0) 1B
TRB (C7) 5T
TRB (C6) 3T
TRB (C5) 1T
TRB (C4) 9B
TRB (C3) 7B (RM) REL
TRB (C2) 5B
TRB (C1) 3B
TRB (C0) 1B
CIA (PR) 8T (CIC) REL
TO CAD 2 CIA
TRB1 (D3) 3T
TRB1 (D2) 1T (RMA) REL
TRB1 (D1) 9T
TRB1 (D0) 7T (RM1) REL
TRB (D3) 11T
TO CAD 100 TRB (C2) 11B
TRB (D1) 9T (RM) REL
TRB (D0) 7T
RON (D3) 11T
RON (D2) 11B
RON (D1) 9T (RON) REL
RON (D0) 7T
MTR 10T (MTR) REL
ONL 7T (ON) REL
TO CAD 3 STR (JJ) 2B (TRC) REL
TO CAD 221 STR
TO CAD 144 STR
MTRI
TO CAD 201 ON
TO CAD 218

A&M ONLY

C3 10B
C2 5B
C1 3B
C0 1B
TO CAD 3 CIC 13T (CIC) REL
STG 4T
TRA (TRA) RES
TO CAD 111 EOO (MKR)
TRB 5B (ON) REL
TO CAD 104 TRC 1T (TRC1) REL
MTR1 11T (RM1) REL
STR 4T (TS) REL
TM 8B (CIC) REL
TO CAD 103 TM
CIB 8T (TS) REL
CIB
TRB1 1T (ROS) REL
TO CAD 175A OR 175B PR 9T (CIC) REL
TO CAD 102 RP1 7B (ON) REL
RP 13T (RM) REL
RR MFR DISC. 5B
TRB (TRC1) REL
TO CAD 101 RT 3T
PR1 10T (CIC) REL
RR1 9B
TRB1
RT1 3T
TO CAD 201 ON1 (JG) (JJ)
TO CAD 221 ON
ON 11T (ON) REL
ON
ON
TO CAD 101 ON 10T
ON
TRB1(2) 5T
TRB1(1) 1T
(OB) TO CAD 48 C5-54 (TM) 7B (CIC) REL
TO CAD 109 C1-51 (SL) 6T (MTR) REL
TO CAD 144 TSG 7T (CIT) REL
LAL 2B
TO CAD 108 LA 3B (TRC2) REL
RON 13T (RON) REL
STR2 6T (TS) REL
TO CAD 107 RTST 1B (TM) REL
RTG 1T (CIC) REL
TO CAD 106 MN 8B
MJ 7B (ROS) REL
TRC 1T (TRC2) REL
ON 2T (TRC) REL
TO CAD 105 RTOS 8T (RTOS) REL
ROS 11T
MB 5T (ROS) REL
TO CAD 51 MN
STRA1

TO CAD 195 TI
GOO (PREF 0,1 OR 2) 1B (ON) REL
TO CAD 111 EO1(TI) 6B (TS) REL
CIL-51(SL) 7T
TO CAD 7 BBL-23(SEF) (-64) 9T (MTR) REL
MKT (C7) 4T
MKT (C6) 2T
MK1 (C5) 12B
MKT (C4) 10B
MKT (C3) 8B
MKT (C2) 6B
MKT (C1) 4B
TO CAD 3 MKT (C0) 2B
MKT1(C7) 3T
MKT1 (C6) 1T
MKT1 (C5) 11B
MKT1 (C4) 9B
MKT1 (C3) 7B (ITT1) REL
MKT1 (C2) 5B
MKT1 (C1) 3B
MKT1 (C0) 1B
MKT (C11) 12T
MKT (C10) 10T
MKT (C9) 8T
MKT (C8) 6T
MKT1 (C11) 11T
MKT1 (C10) 9T
MKT1 (C9) 7T
MKT1 (C8) 5T
TO CAD 164 RON (C11) (VV) 7B
RON (C10) 5B
RON (C9) 3B (RONA) REL
RON (C8) 1B
RON (D5) 11B
RON (D4) 9B (RONA) REL
TRB1 (D5) 7T
TRB1 (D4) 11B (RMIS) REL
TRB (D5) 7T
TRB (D4) 11B (RMS) REL
TO CAD 146 TRB 3B (ON) REL
TRB1 9T (ROS) REL
TO CAD 146 OR 195 STR1 5T (TS) REL
TO CAD 146 STR2 2B (ROS) REL
TS 1B (TS) REL
TRCA 4B (TRC2) REL
TO CAD 51 ROS 7T (ROS) REL
STRA 6B
STR 6T (CIT) REL
TO CAD 117 TIR
TO CAD 103 TSO
(NT)

CAD 2

(FOR FIG. 2,7,39,43,44,46,47 & 167)

LVP 2T (RTST) REL
TS 6B
AMKS 8T (ATPI) REL
ATP 2B (RTST) REL
MKS 8T (MTP1) REL
TO CAD 103 MKS 8T (LVP1) REL
MTP 4B (MTP) REL
SKT 10B
TTL 6B (SKT) REL
MTL 4B
SPC 1T
SP 4B (SP2) REL
AKT 2B (SKT) REL
MTL (1) 5B (AKT) REL
OLT
TO CAD 100 MTL (1) 9T (ATPI) REL
TTM 4B (MTPI) REL
MTL 4B (MTL) REL
LTM 8B
TO CAD 3 LTG 9B (MTP1) REL
TTG 5B
LTA 8B (ATP1) REL
TTA 4B
OP 6T
CIA 3T (LVP) REL
TO CAD 1 STR1 2B (MON) REL
G1 3T (SP2) REL
TO CAD 108 SPC 6T
SP 8B (SP3) REL
G 2T
SPC(C1) 1T
TO CAD 107 SP(C1) 4B (SP1) REL
SPC(C0) 1T
SP(C0) 4B (SPO) REL
TO CAD 105 STR 3B
TO CAD 104 CI 3T (MCN) REL
TRST 6B
TS1 6B (LVP1) REL
TS2 8B (SKT) REL
CIA2 1B (MTL) REL
TTL 7B (SKT) REL
TO CAD 101 CIA 3T (MTP1) REL
TTL1 3T (MTL) REL
SKT 11T (SKT) REL
CIA(1) 1T (PTP1) REL
TS 7B (ATP1) REL

TO CAD 102 PTL 4B
LK 2T (PTP1) REL
LK1-PTP1 10T
TO CAD 144 WHEN ROT IS NOT PROVIDED CI 2T
OP 3B (ATP) REL
TO CAD 174 FOR ROT CI(2)
OP(2)
MKS 8T
TO CAD 145 TS 6B (TTR1) REL
TTRP 4B (RTST) REL
CI 1T
TO CAD 146 TRST 4B (FSP) REL
TO CAD 107 MKBI 4B (MTP) REL
TO CAD 162 REP 4T (RTST) REL

RTP2 8B (ATP1)REL
RTP1 9B
RTST 6B (RTST) REL
CIA1 1T
MKS 9T
TTG 5B (MTP1) REL
TG 7B
TO CAD 174 MTL 1B
MTLIA 3B
TTA 4B (ATP1) REL
48V 10B
MTLI 2B (TTR3) REL
TO CAD 174 FOR ROT CIA(2) 3T (ATP1) REL
TO CAD 51 FOR ACD WHEN ROT IS NOT PROVIDED CIA(4)
RUN WHEN ACD AND ROT ARE NOT PROVIDED
(ATP1) REL 3T 1T (MTP1) REL
TO CAD 174 FOR ROT WHEN ACD IS NOT PROVIDED CIA 1T (MTP1) REL
TO CAD 51 FOR ACD CIA1(1)
CIA1(1) 3T
TO CAD 144 FOR 2ALC WHEN ACD IS NOT PROVIDED CIA1(2) (MTP) REL
TO CAD 51 FOR ACD OPI(1) 1B
TO CAD 144 FOR 2ALC WHEN ACD IS NOT PROVIDED OPI(2)

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D MTL LTA TTA
45D MTL LTA TTA
52D MTL LTA TTA
53AR LTA
62D LTA
68D
70D
72A
74A

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G31

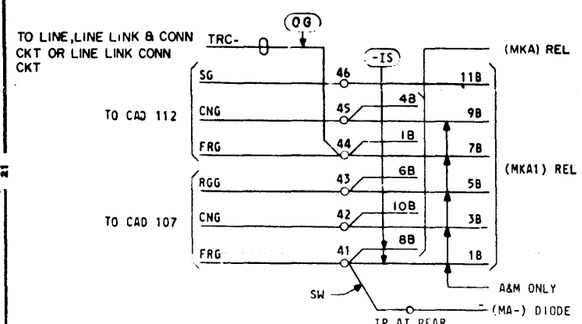
BELL TELEPHONE LABORATORIES INCORPORATED 6S

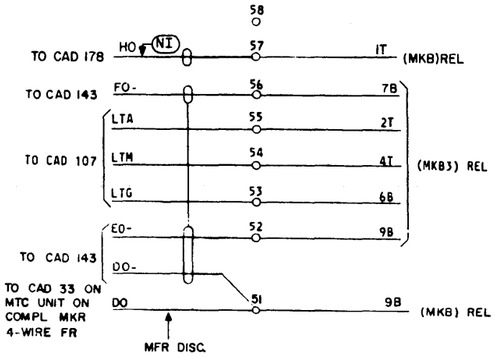
SD-25805-01-G31

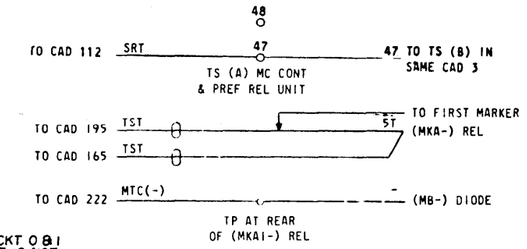
STABILOKE

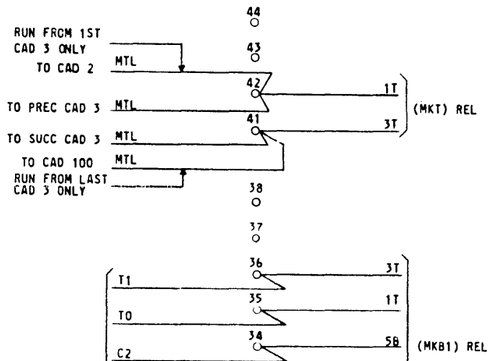
PART OF CAD 3

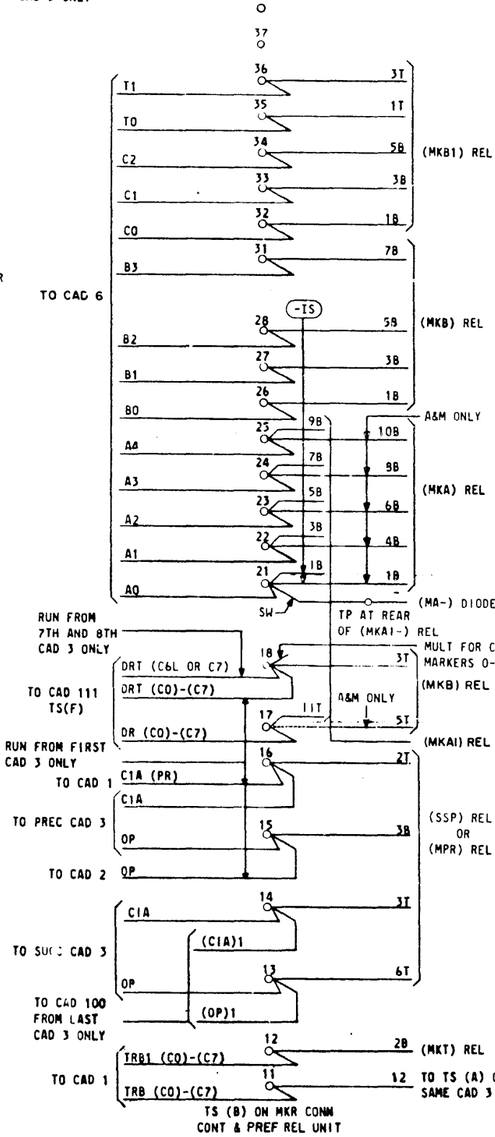
(FOR FIG. 3,4,6 & 186)
ONE PER COMPL MKR

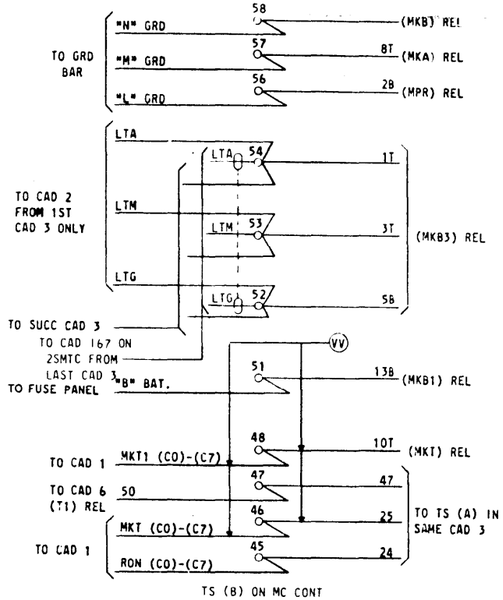


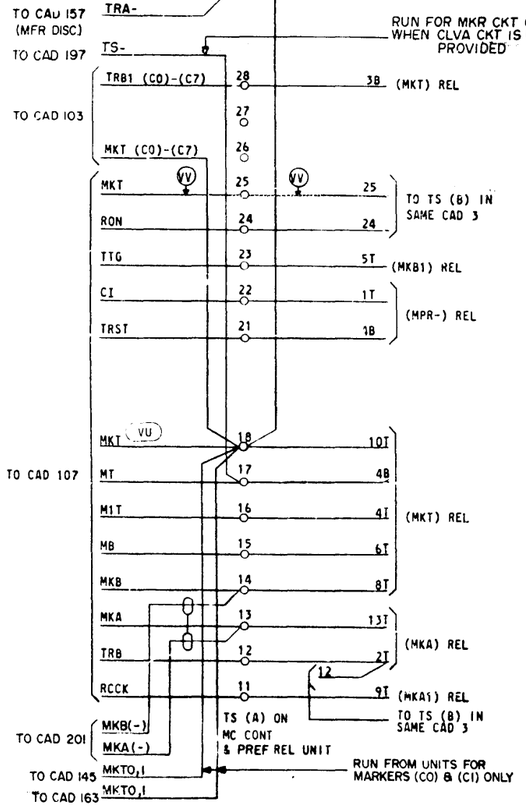












NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE

43D	CLW
45D	EN AMA AM
50AC	PEV AM
52D	PEV AM
62D	LT
66D	BBM
68D	
70D	
74A	

ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G32

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

PRINTED IN U.S.A.

STANDARD

SD 25805 01 G32

PART OF CAD 3

(FOR FIG.3,4 & 6)
ONE PER COMPLETING MARKER
A & M ONLY

TO CAD 167 ON 2SMTC FR
RUN ON FIRST CAD 3 ONLY
TO CAD 103
TO CAD 104
TO CAD 201
TO CAD 1
TO CAD 175A OR TO CAD 175B
TO CAD 100
KCS
TRA
MTR2
MTR
TST
JG
JJ
OK
C3
C2
C1
C0
TO
T1
ONL
IH
STR
AT12
AT21
II
TO CAD 206
TO CAD 48 JB
TS (D) ON MC CONT & PREF REL UNIT
MULT TO OTHER UNITS
9T (MKB3) REL
12T (MKB) REL
7T (MKA) REL
11T
8B
2B
4B
2B (MKB1) REL
2T
4T
7T
9T
TTM
TTA
TTG
12B
10B (MKB1) REL
6T
TO CAD 2
TO CAD 167 ON 2SMTC FR
CIC
STG
TRA
TCL
CIT
TM
C1B
UZ
UX
6B (MKT) REL
2B (MKB3) REL
10T
12T (MKA) REL
5B
8B
5T
9T (MKT) REL
TO CAD 1
TO CAD 100
RUN ON FIRST CAD 3 ONLY
TS (C) ON MC CONT & PREF REL UNIT

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAMS, SEE GIA.

CAD 4

(FOR FIG. 11,12,42,45,157)

TO CAD 7
TO CAD 109

A3R: 34 (CH9) 3T (CH9) REL; 30 (CH5) 3T (CH5) REL
A2R: 34 (CH4) 3T (CH4) REL; 30 (CHO) 3T (CHO) REL
A1R: 44 (JC9) 3B (JC9) REL; 40 (JC5) 3B (JC5) REL
A0R: 44 (JC4) 3B (JC4) REL; 40 (JCO) 3B (JCO) REL
A9: 34 (U9) 1B (U9) REL; 30 (U5) 1B (U5) REL
A8: 34 (U4) 1B (U4) REL; 30 (U0) 1B (U0) REL
A9: 24 (T9) 1B (T9) REL; 20 (T5) 1B (T5) REL
A8: 24 (T4) 1B (T4) REL; 20 (T0) 1B (T0) REL
A9: 14 (HN9) 1B (HN9) REL; 10 (HN5) 1B (HN5) REL
A8: 14 (HN4) 1B (HN4) REL; 10 (HNO) 1B (HNO) REL
A3: 34 (CH9) 1T (CH9) REL; 30 (CH5) 1T (CH5) REL
A2: 34 (CH4) 1T (CH4) REL; 30 (CHO) 1T (CHO) REL
A1: 51 (EF) 1B (EF) REL; 50 (RF) 1B (RF) REL; 44 (JC9) 1B (JC9) REL; 40 (JC5) 1B (JC5) REL
A0: 44 (JC4) 1B (JC4) REL; 40 (JCO) 1B (JCO) REL

RUN ONLY WHEN AMA OR CAMA OR BOTH ARE FURNISHED

TO CAD 7
TO CAD 109
TO CAD 7

C3L: 41 (EXB); 42 (EXG)
V2: 12 (EXB) 3B (EXB) REL; 13 (EXG) 3T
B3: 42 (PCR) 6T; 43 (PCD) 5B; 44 (PCD1) 4T; 53 (INC) 7B (TCA) REL
B8: 23 (SEF) 1B (SEF) REL
C3: 41 (EX) 2T (EXB) REL
C1: 51 (SL) 1B (SL) REL
B3L: 42 (PCR) 5T; 43 (PCD) 4B; 44 (PCD1) 3T; 53 (INC) 6B (TLA) REL
B6L: 30 (TCA) 9T
A9R: 34 (U9) 3B (U9) REL; 30 (U5) 3B (U5) REL
A8R: 34 (U4) 3B (U4) REL; 30 (U0) 3B (U0) REL
A9R: 24 (T9) 3B (T9) REL; 20 (T5) 3B (T5) REL
A8R: 24 (T4) 3B (T4) REL; 20 (T0) 3B (T0) REL
A9R: 14 (HN9) 3B (HN9) REL; 10 (HN5) 3B (HN5) REL
A8R: 14 (HN4) 3B (HN4) REL; 10 (HNO) 3B (HNO) REL
A3R: 24 (CHA) 1B (CHO) REL

CAD 5

(FOR FIG. 35 & 40)

TO CAD109 (A & M ONLY)
TO CAD 111
TO CAD 106
TO CAD 108
TO CAD 101
TO CAD 5I
TO CAD 113

E19 (RG9) 11T
V4-14
V4-13 9T
V4-12 7T
V4-11 5T
V4-10 3T
V4-4 11B (RGCO) REL
V4-3 9B
V4-2 7B
V4-1 5B
V4-0 3B
E10 (RGO)
G 1B (RGCO) REL
TRST 4B
CIA 3T (LIT) REL
OP 1B
OP
23 (RO23) 10B
8B
6B (RGC2) REL
4B
12T
10T
8T
6T
4T (RGC1) REL
12B
10B
8B
6B
4B
12T
10T
8T
6T
4T
12B
10B
8B
6B
00 (RGO) 4B (RGCO) REL

TO CAD 102
TO CAD 102 OR CAD 5I
TO CAD III
TO CAD 109
TO CAD 102
TO CAD 201

RGC2 13T (RGC2) REL
RGC1 13T (RGC1) REL
RGCO 13T (RGCO) REL
CIA 2T
OP 3B (LIT) REL
RGG1(3) 2B (RGC1) REL
RGG1(2) 2T
RGG1(1) 2B (RGCO) REL
E09 (RG23) 9B
7B
5B (RGC2) REL
E06 (RG20) 3B
E39 (RG19) 11T
V9-14
V9-13 9T
V9-12 7T
V9-11 5T
V9-10 3T
V9-4 11B
V9-3 9B
V9-2 7B
V9-1 5B
V9-0 3B (RGC1) REL
E30 (RGIO)
OT
RGGI(7) 2T (RGGI) REL
RGGI(6) 2B (RGC2) REL
RGGI(5) 2T
QP4 6T (LIT) REL
JU

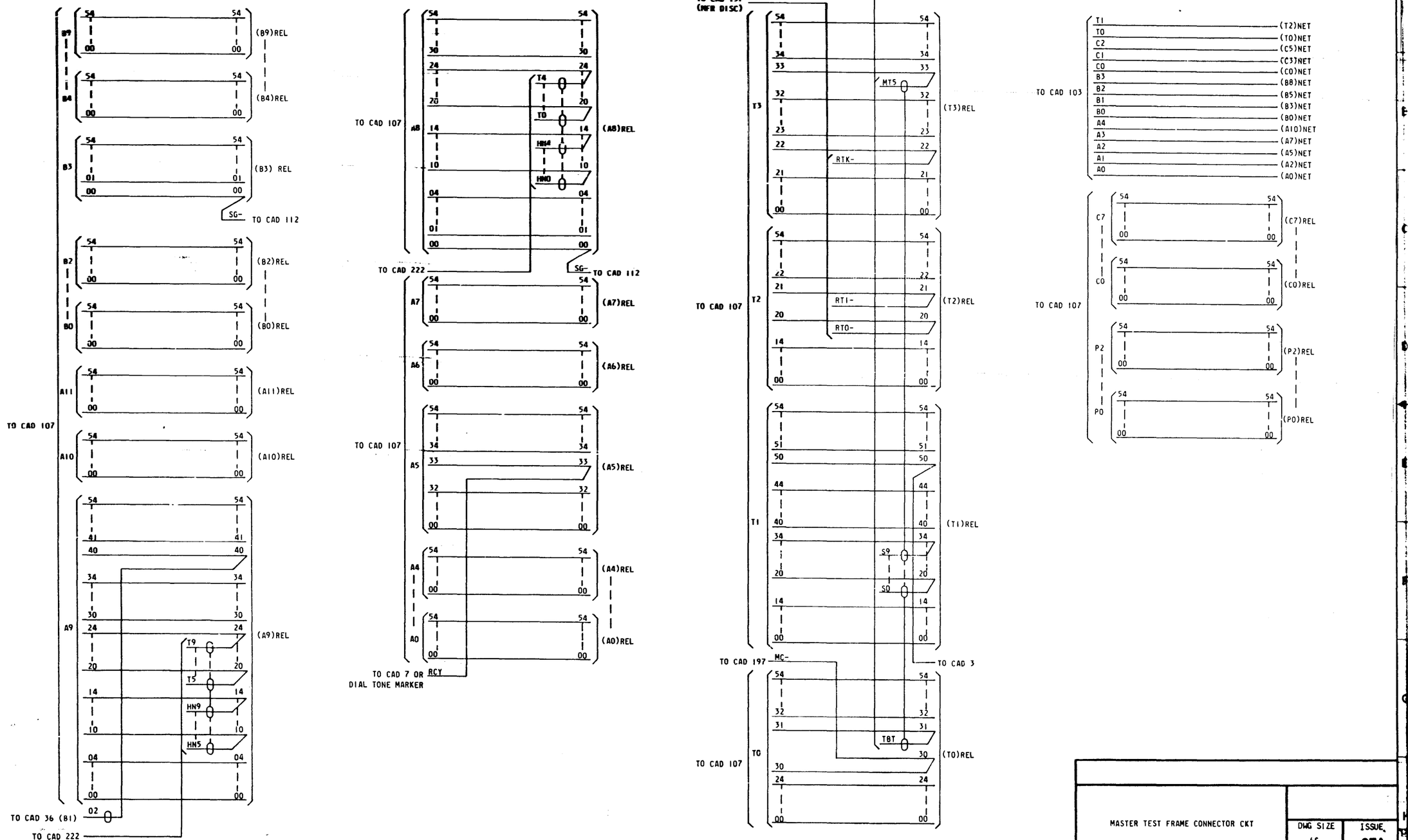
ISSUE
43D
45D
52D
68D
70D
72A
73D
74A

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G33A
BELL TELEPHONE LABORATORIES INCORPORATED 6S

CAD 6

(FOR APP FIG 150 CONTACT SIDE)
ONE PER COMPLETING MARKER SEE TABLE 2A
FOR LEAD DESIGNATIONS (SEE CAD 160 FOR MARKER EXPANSION)

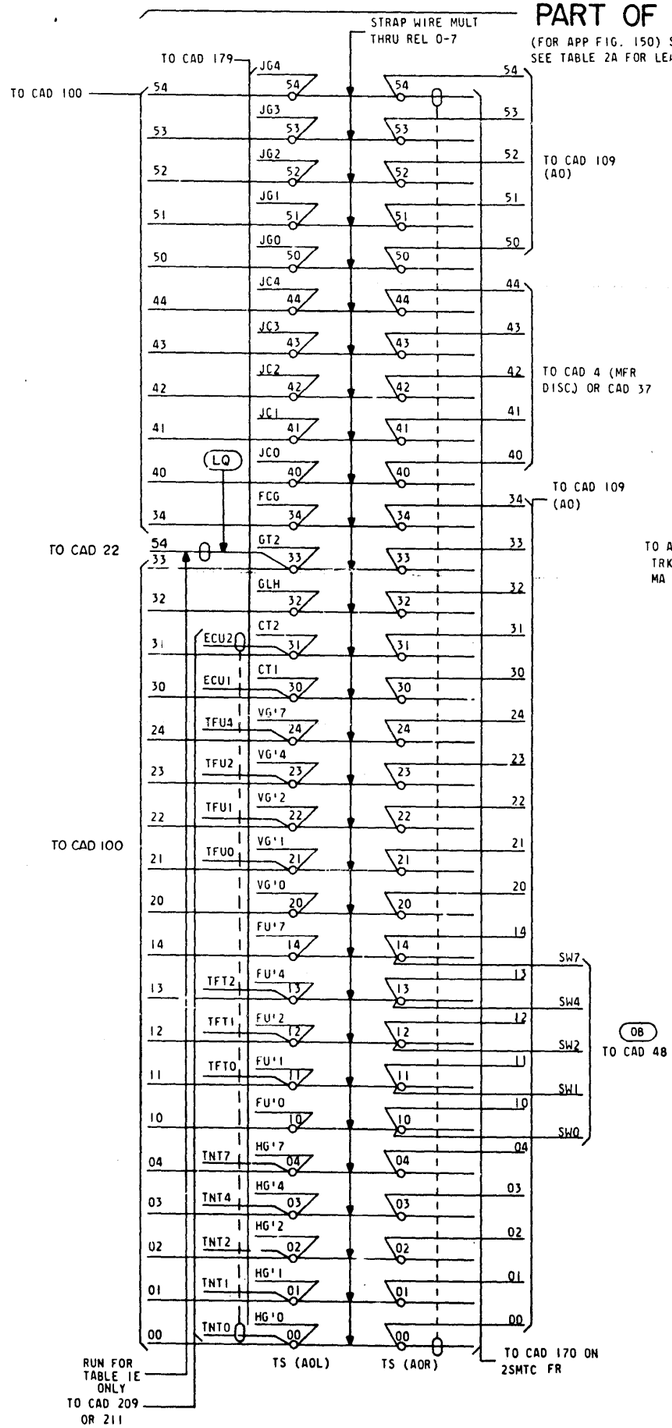


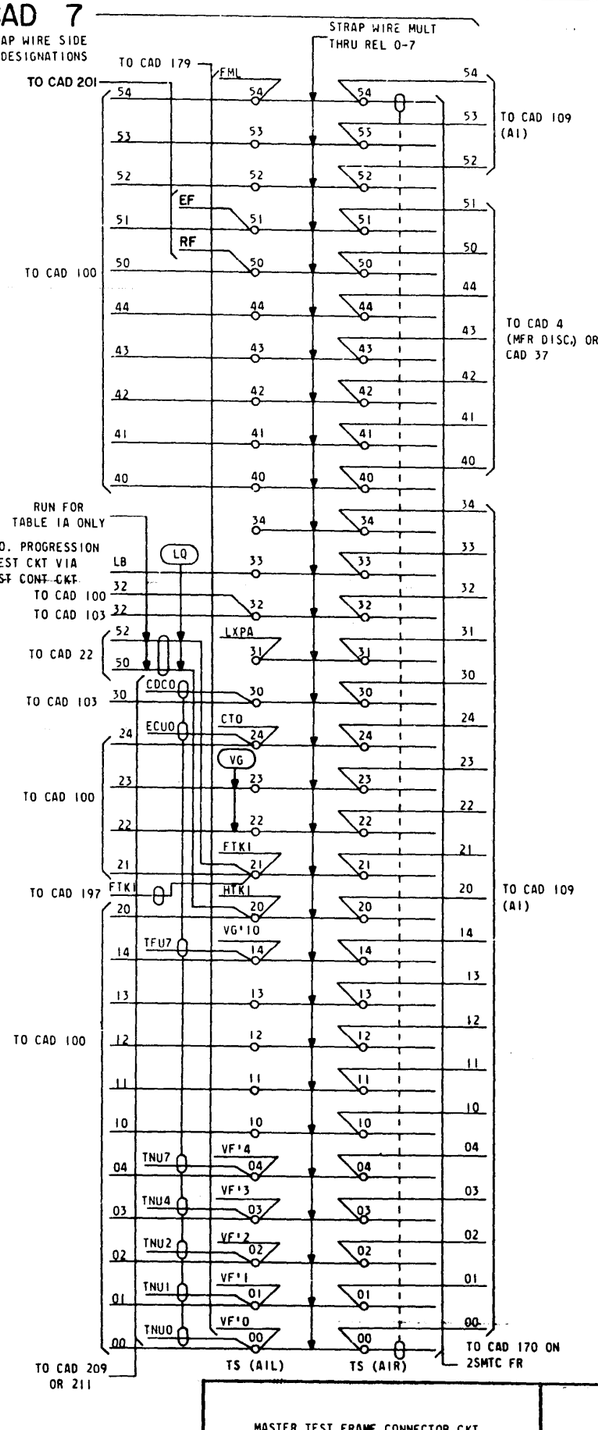
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G33B

E-7461 (6-79) PRINTED IN U.S.A.

PART OF CAD 7

(FOR APP FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS





ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-634A

BELL TELEPHONE LABORATORIES INCORPORATED

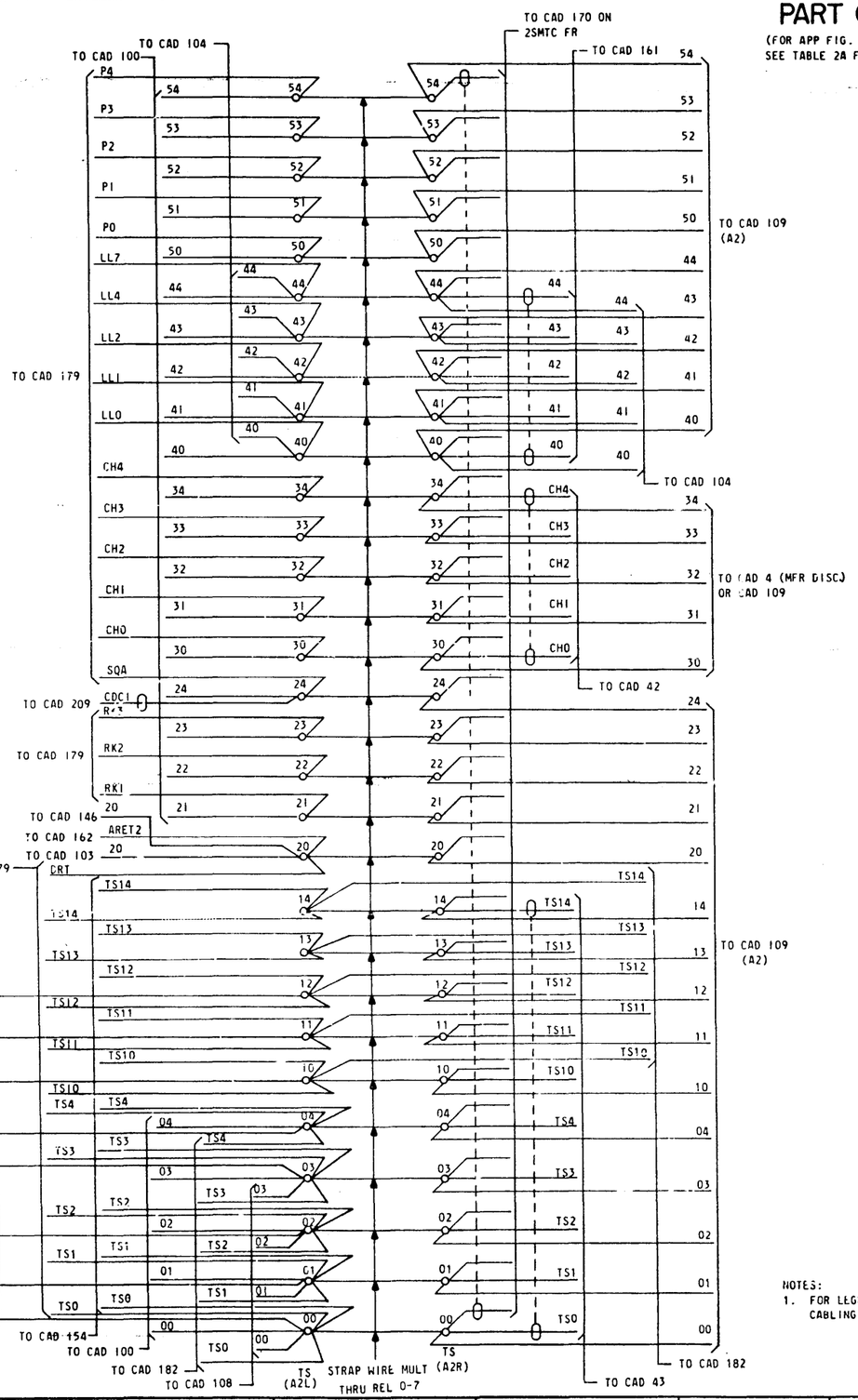
CODE IDENT NO. 6S

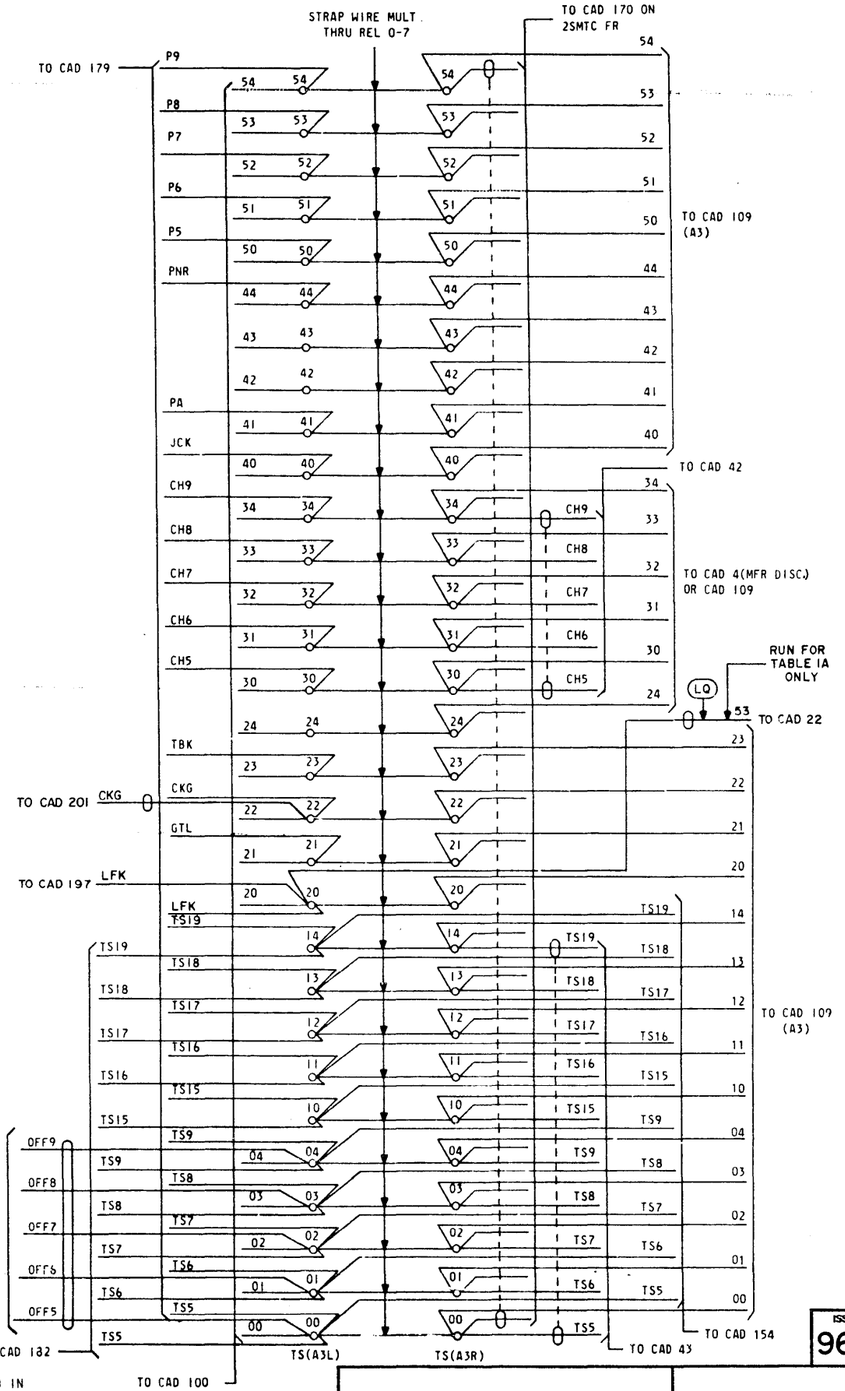
PRINTED IN U.S.A.

SD-25805-01-634A

PART OF CAD 7

(FOR APP FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

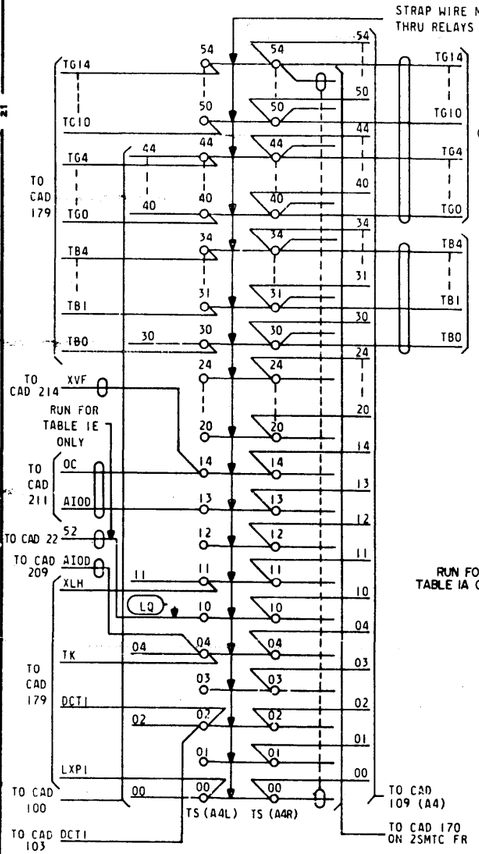
SD-25805-01-G34B

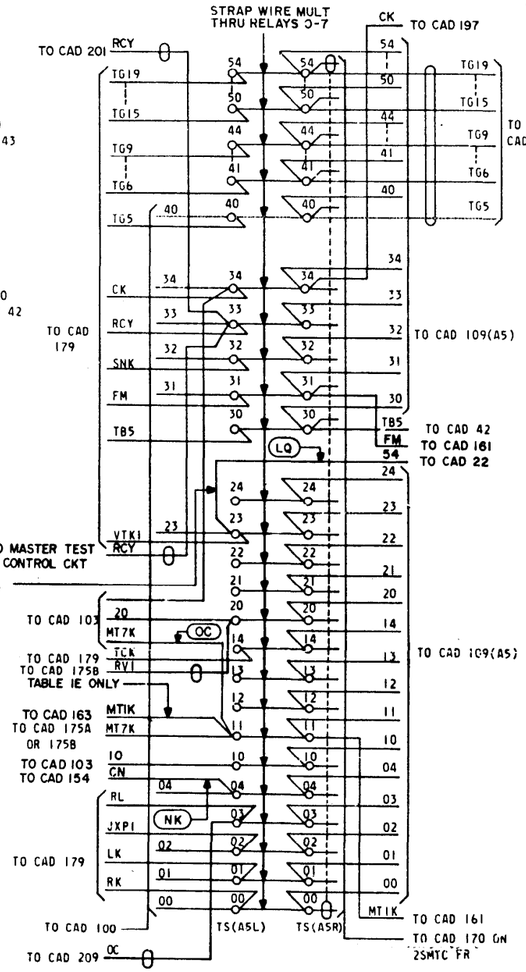
BELL TELEPHONE LABORATORIES INCORPORATED

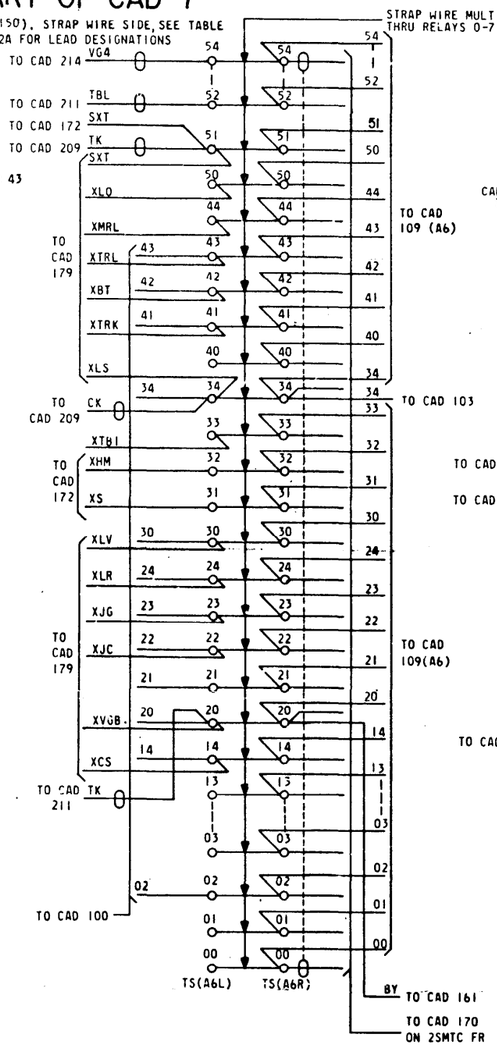
6S

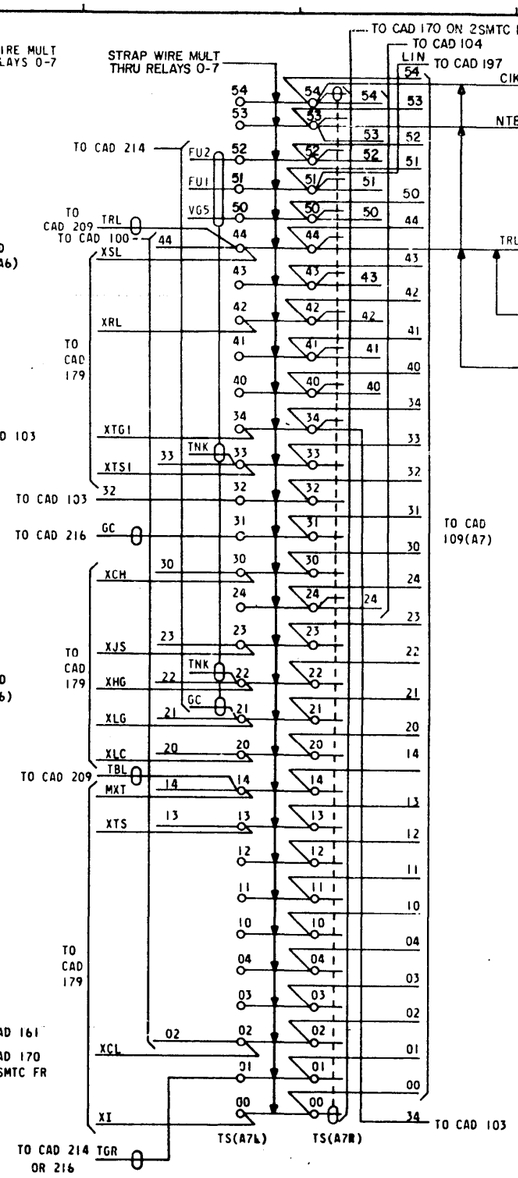
PART OF CAD 7

(FOR FIG. 150), STRAP WIRE SIDE, SEE TABLE 2A FOR LEAD DESIGNATIONS









NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
64D LFP
65A LFP
66D BEM
68D
70D
74A

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G35A

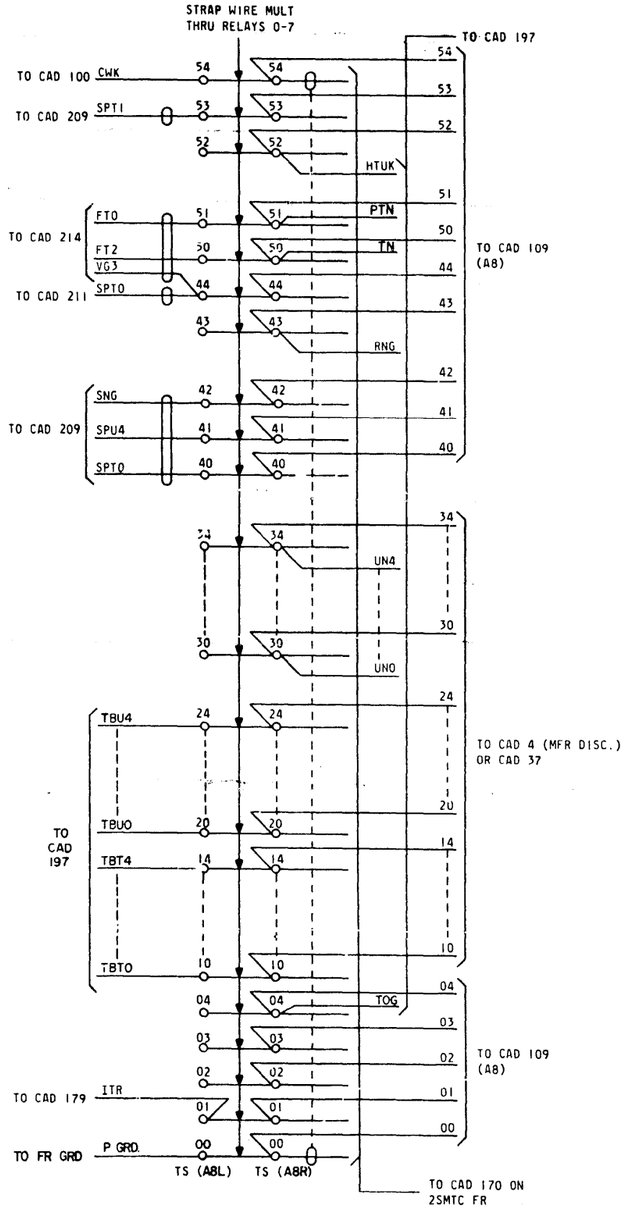
BELL TELEPHONE LABORATORIES INCORPORATED

6S

PRINTED IN U.S.A.

PART OF CAD 7

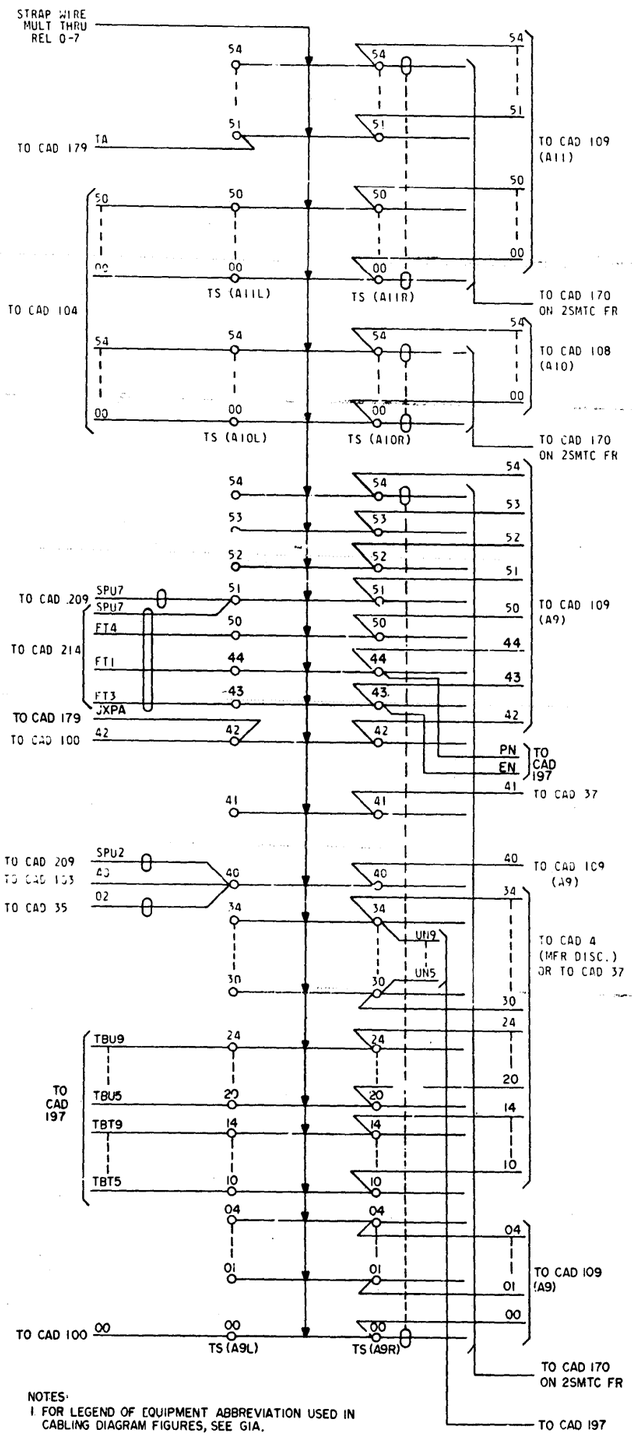
(FOR FIG. 150) STRAP WIRE SIDE, SEE TABLE 2A FOR LEAD DESIGNATIONS

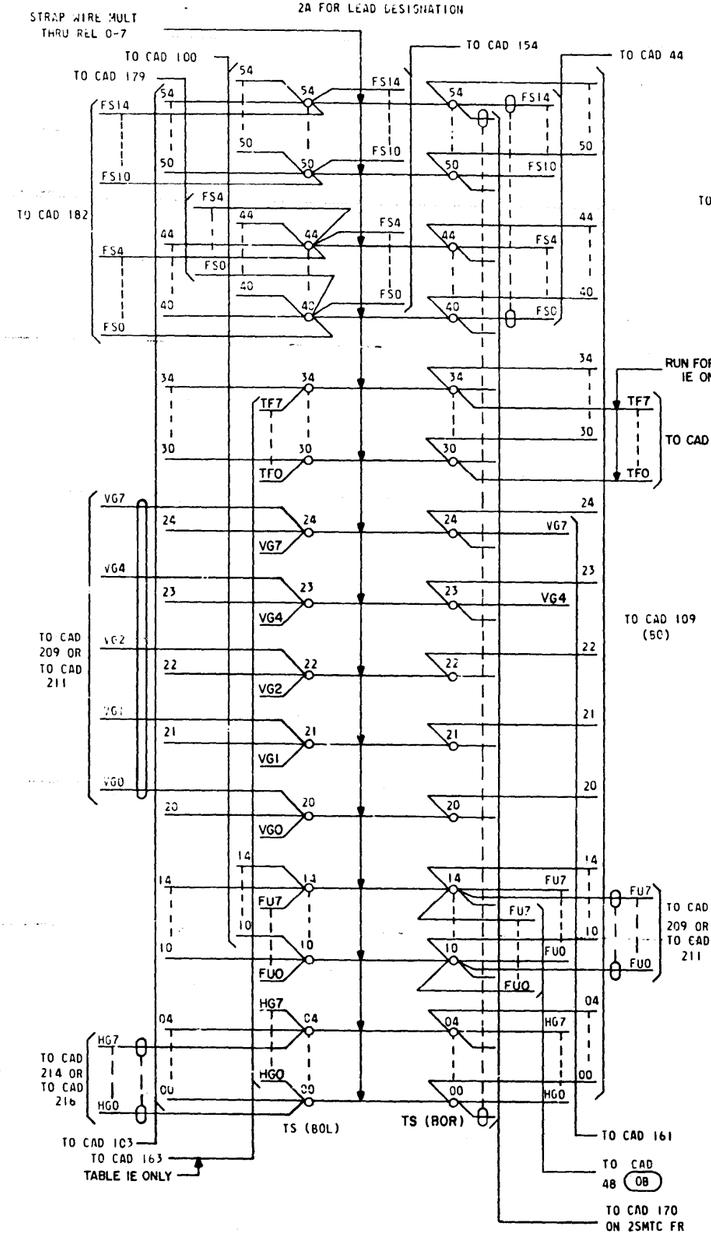


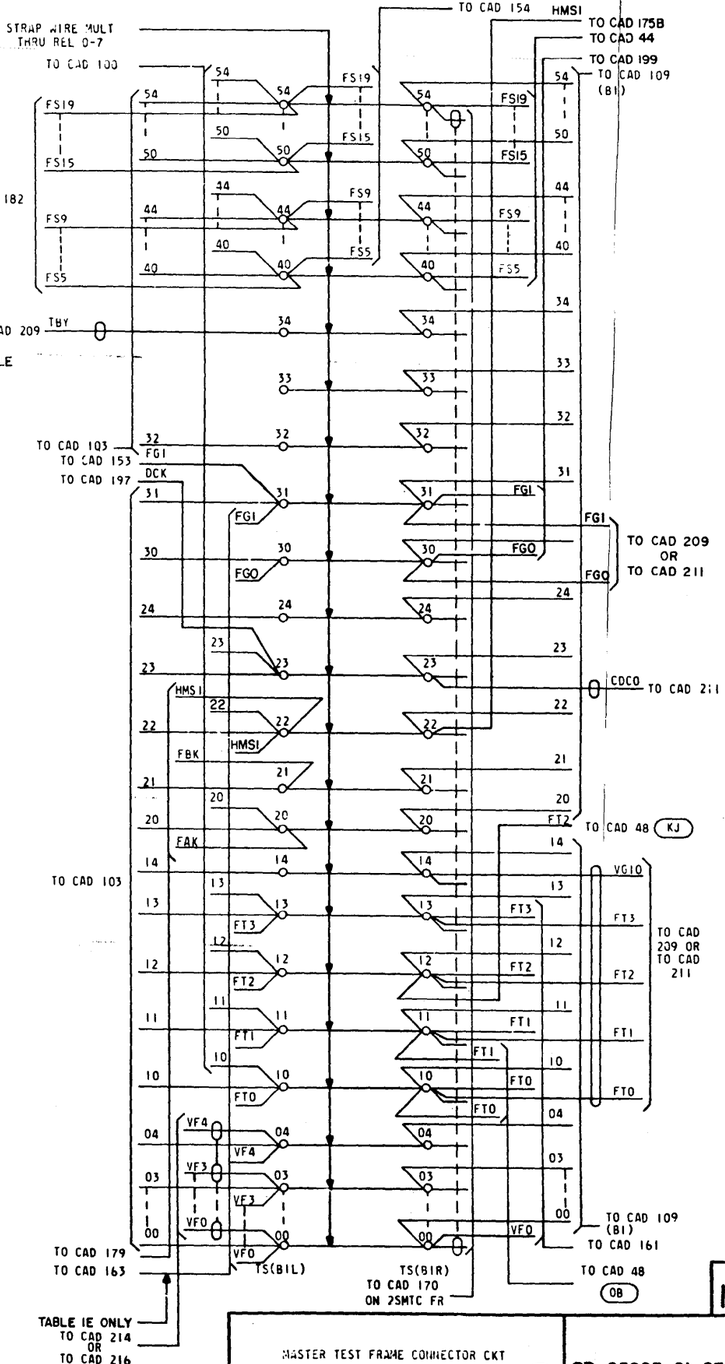
ISSUE	96B
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G35B
BELL TELEPHONE LABORATORIES INCORPORATED	SHEET SIZE 6S

PART OF CAD 7

(FOR FIG. 150), STRAP WIRE SIDE SEE TABLE 2A FOR LEAD DESIGNATION







DRAWING ISSUE	
62D	JLP
63A	FLK
66D	BEM
68D	
69A	
70D	

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G36A

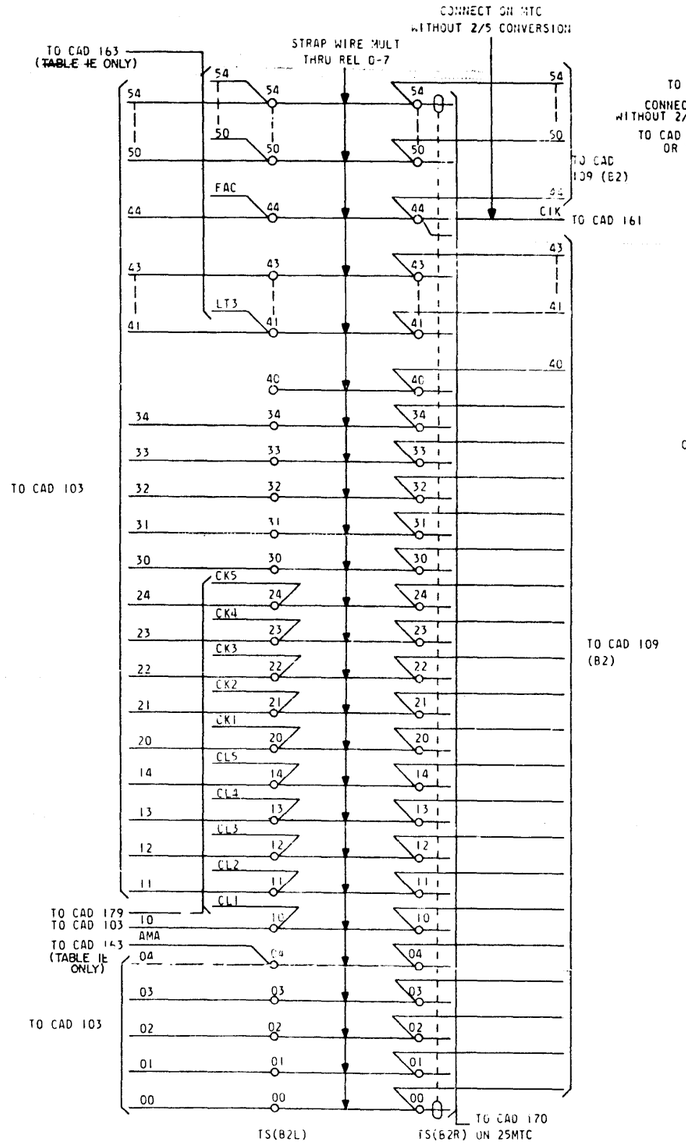
BELL TELEPHONE LABORATORIES INCORPORATED

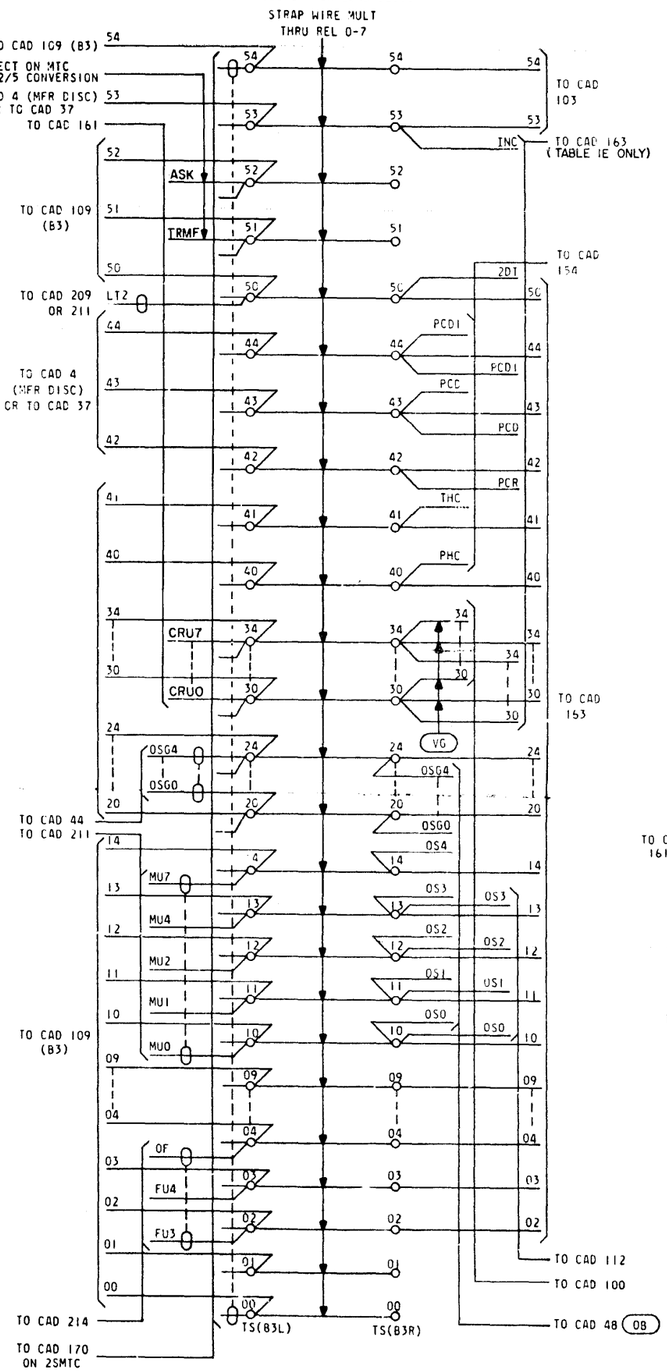
SIZE 6S

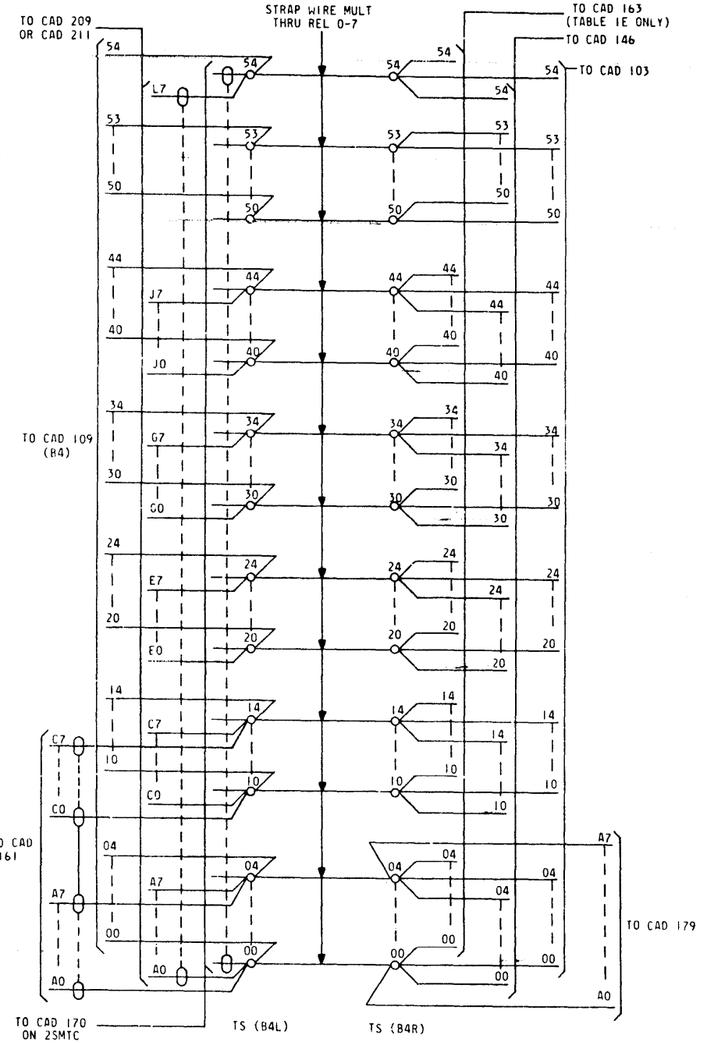
SD-25805-01-G36A

PART OF CAD 7

(FOR FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIG







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
62D	SSL
66D	BEM
68D	
70D	

ISSUE 100B

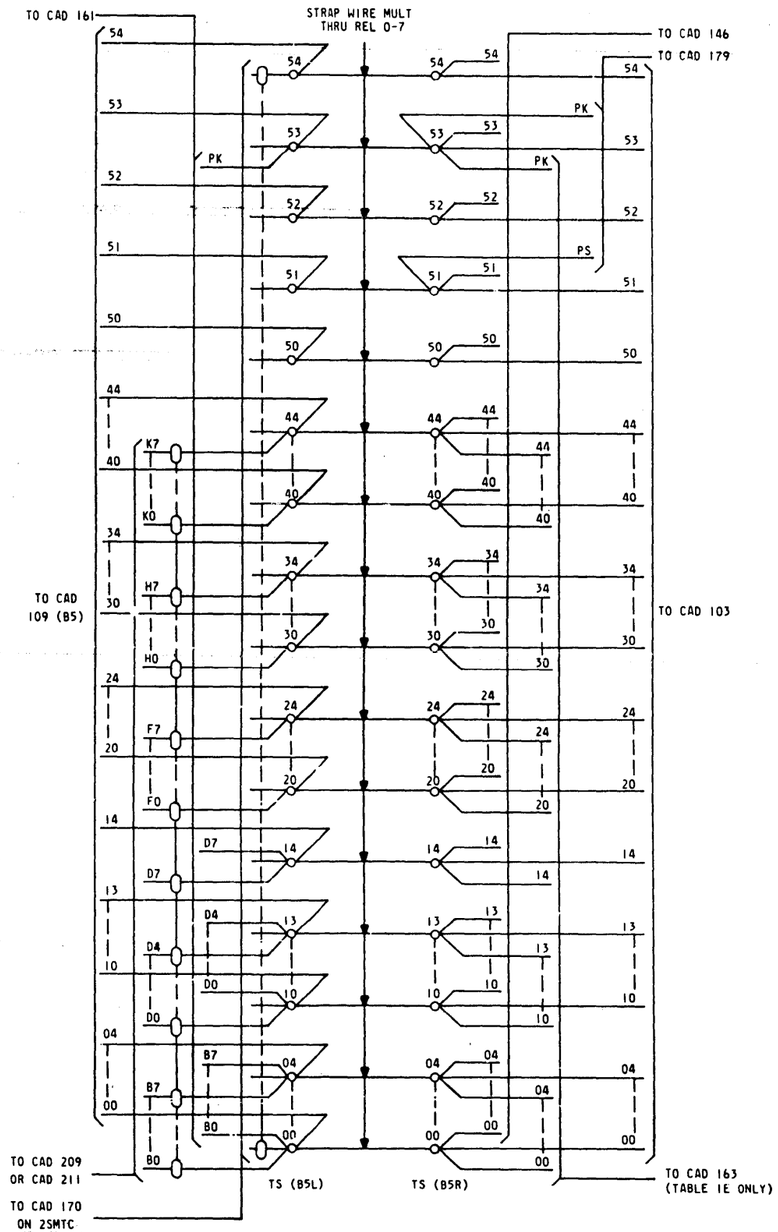
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G36B

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G36B

PART OF CAD 7

(FOR FIG 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIG



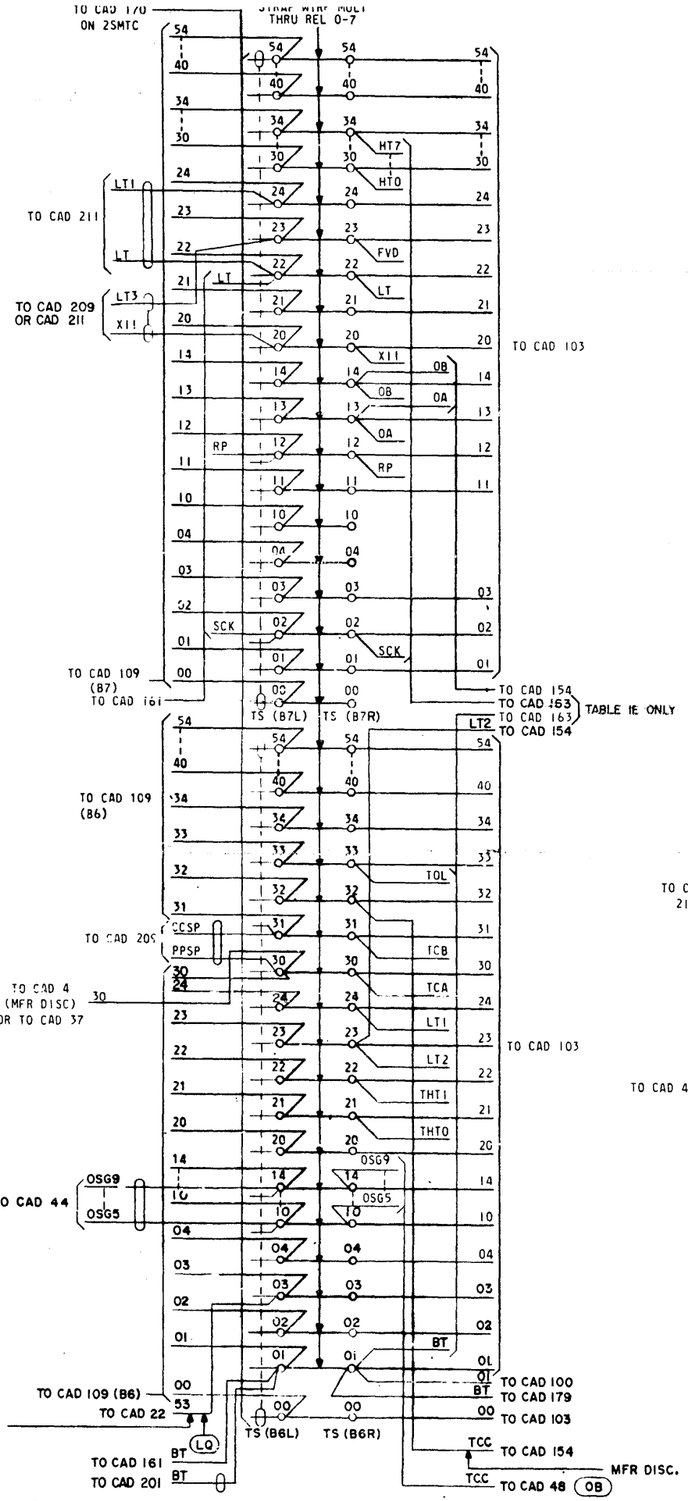
NOTES:

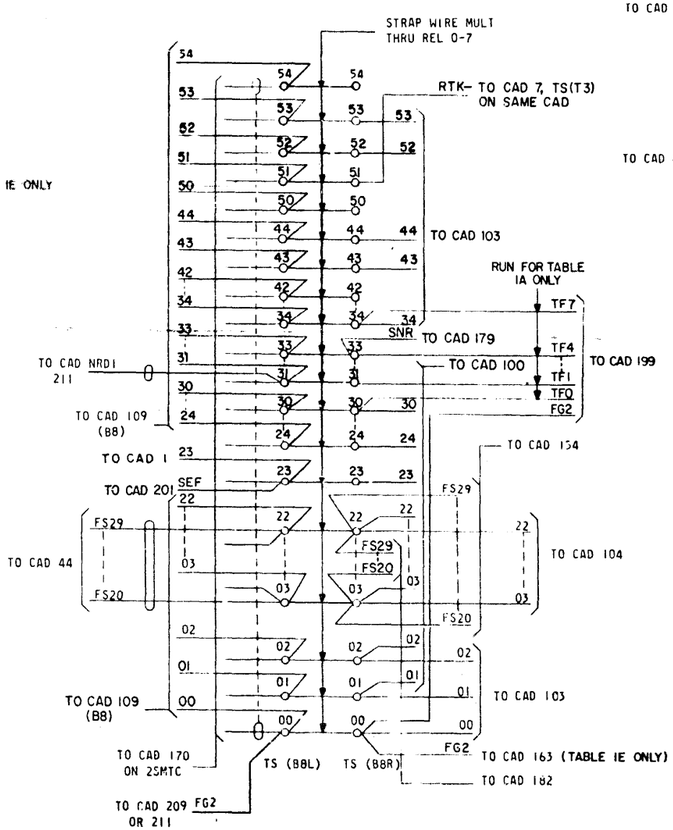
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

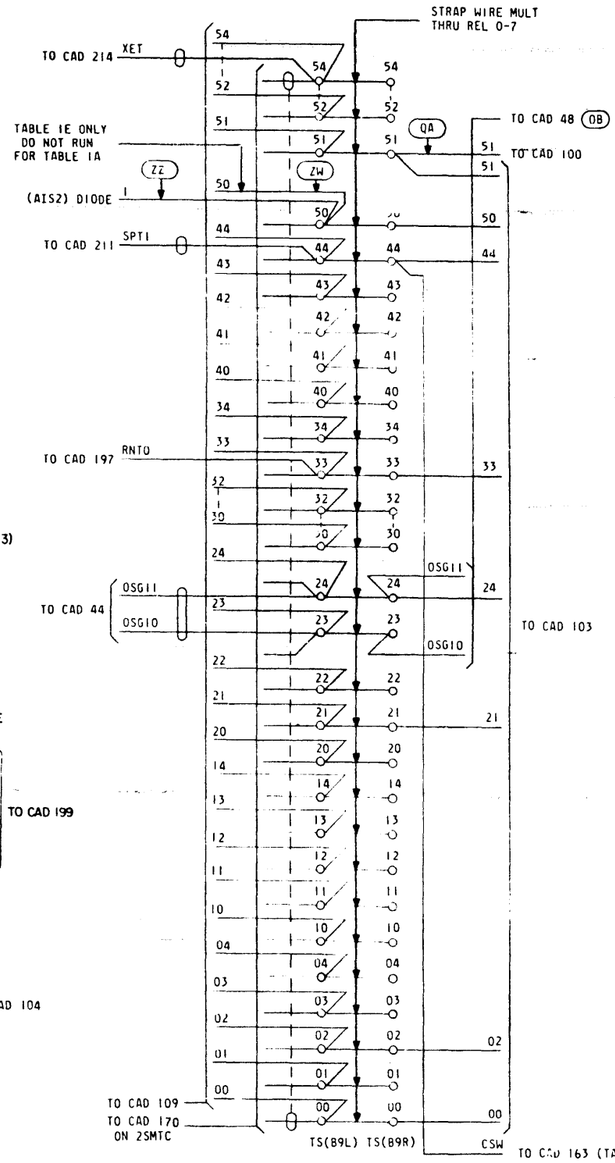
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01-		G36C

PART OF CAD 7

(FOR FIG 150). STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE

43D	1.B CLK AND
44A	CLK AND
45D	JGS AND
49AR	CLK AND RLS
52D	PSH AND HS
56D	CLK AND NXC
57A	CLK AND TA
58A	AUC AND
59D	XEG AND
60D	DM PSH AND
62D	JK
66D	DEM
68D	
70D	
72A	
74A	

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

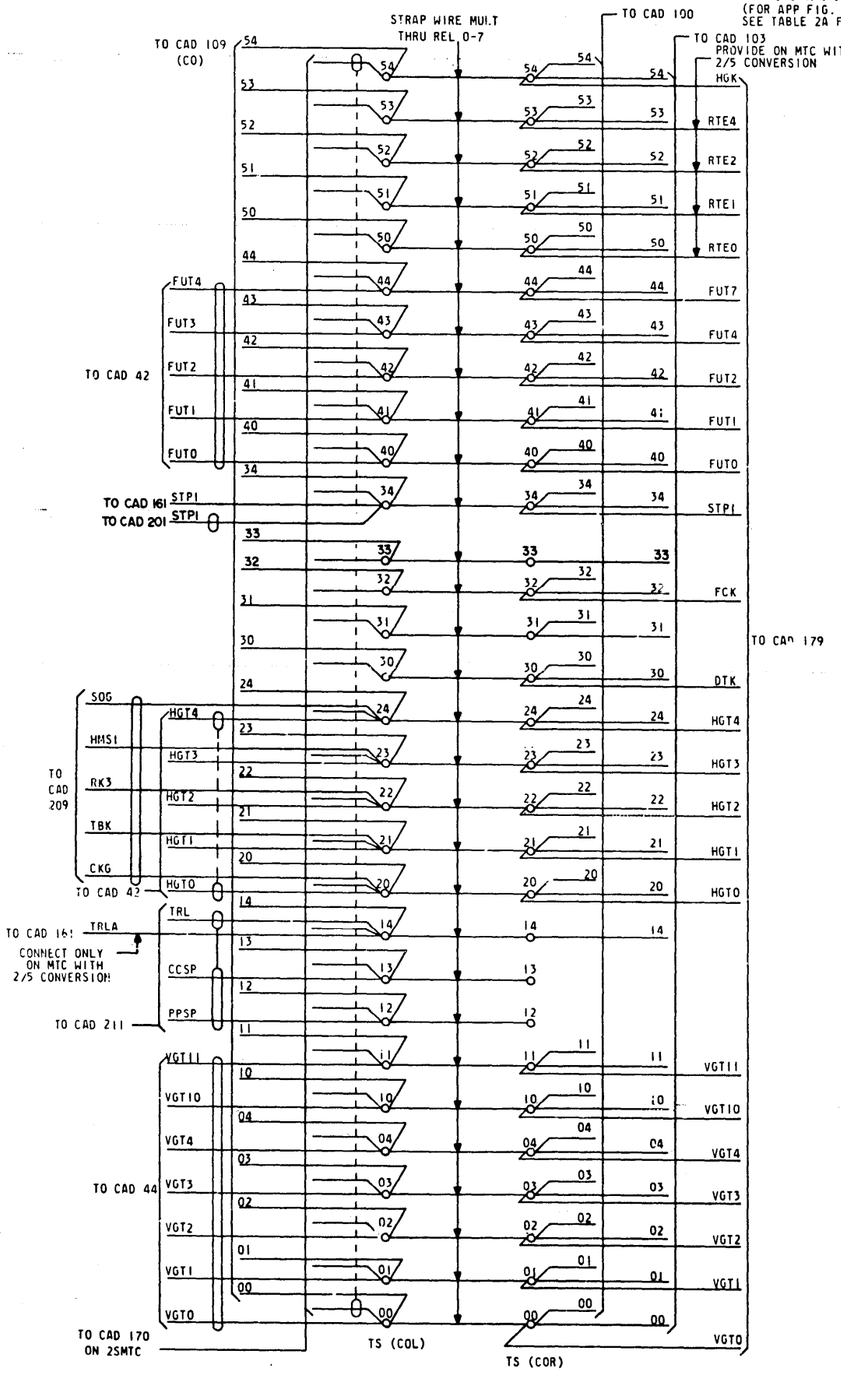
SD-25805-01-G37A

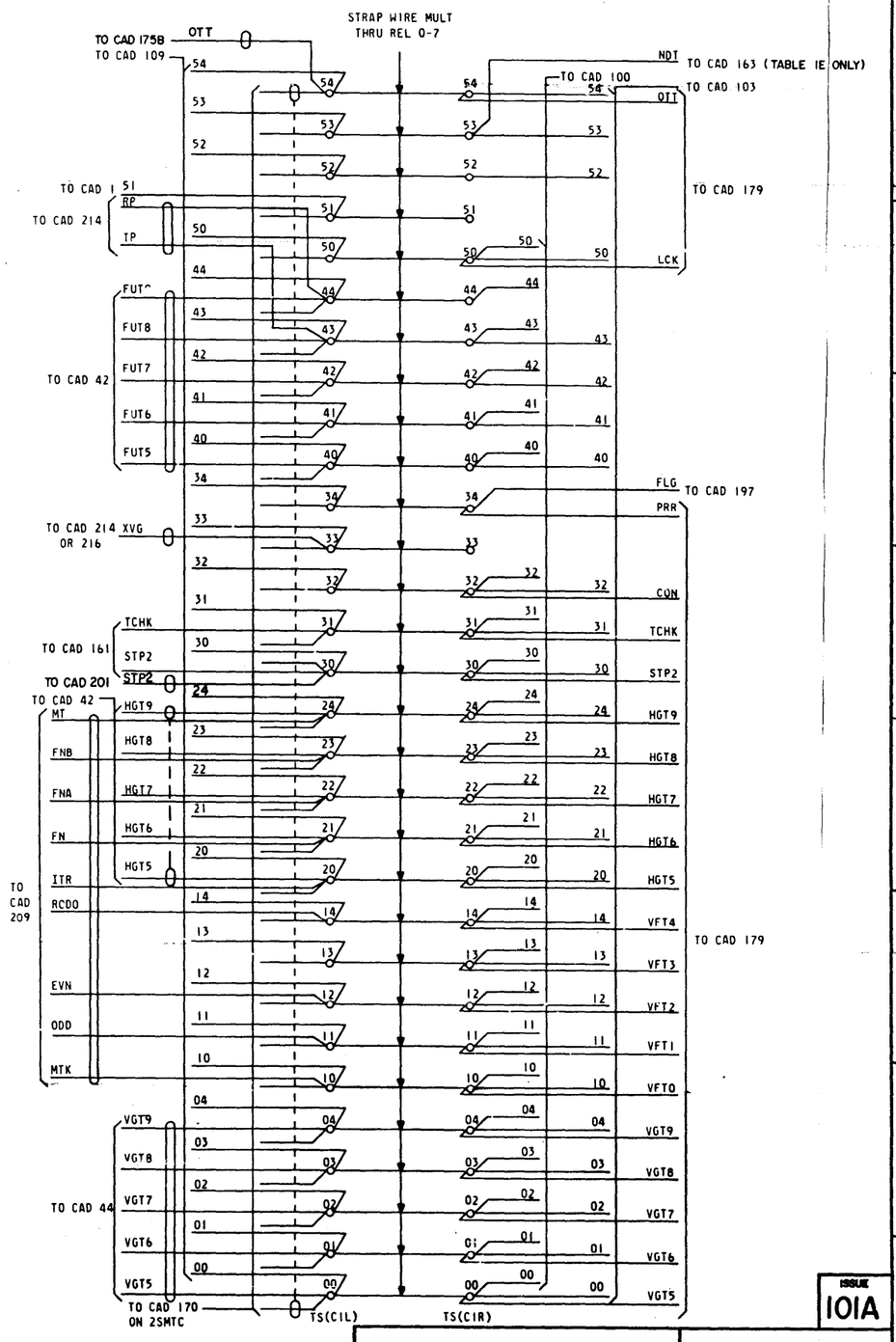
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

PART OF CAD 7

(FOR APP FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS



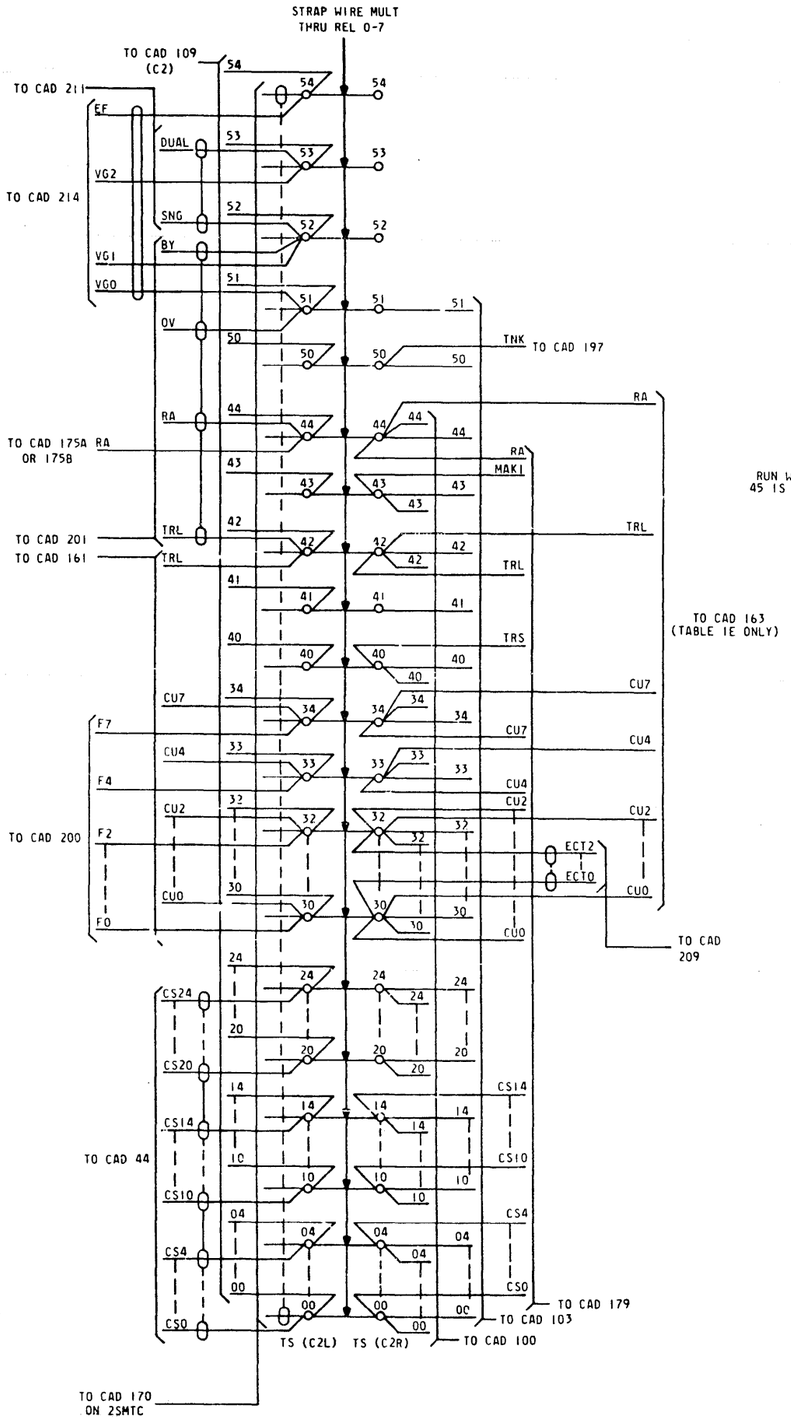


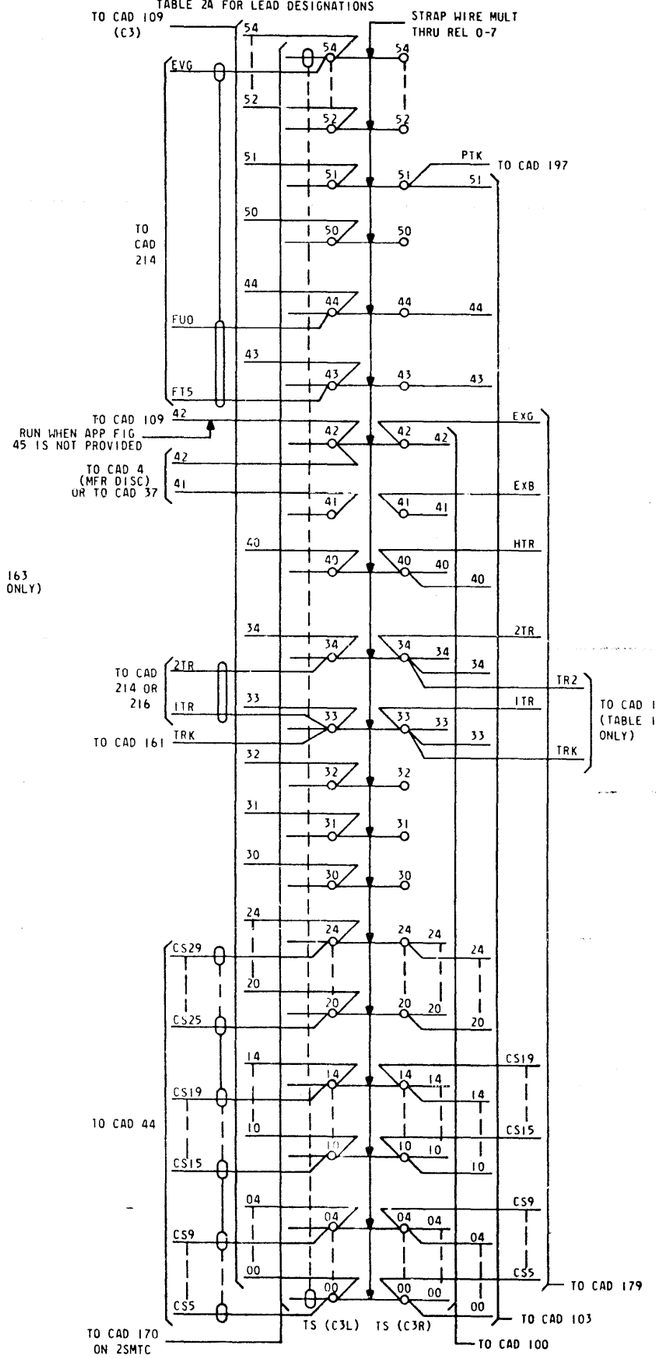
MASTER TEST FRAME CONNECTOR CKT	ISSUE 101A
BELL TELEPHONE LABORATORIES INCORPORATED	(2) SD-25805-01-G37B
FORM 6S	PRINTED IN U.S.A.

SD-25805-01-G37B

PART OF CAD 7

(FOR FIG 150). STRAP WIRE SIDE SEE TABLE 24 FOR LEAD DESIGNATIONS





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT

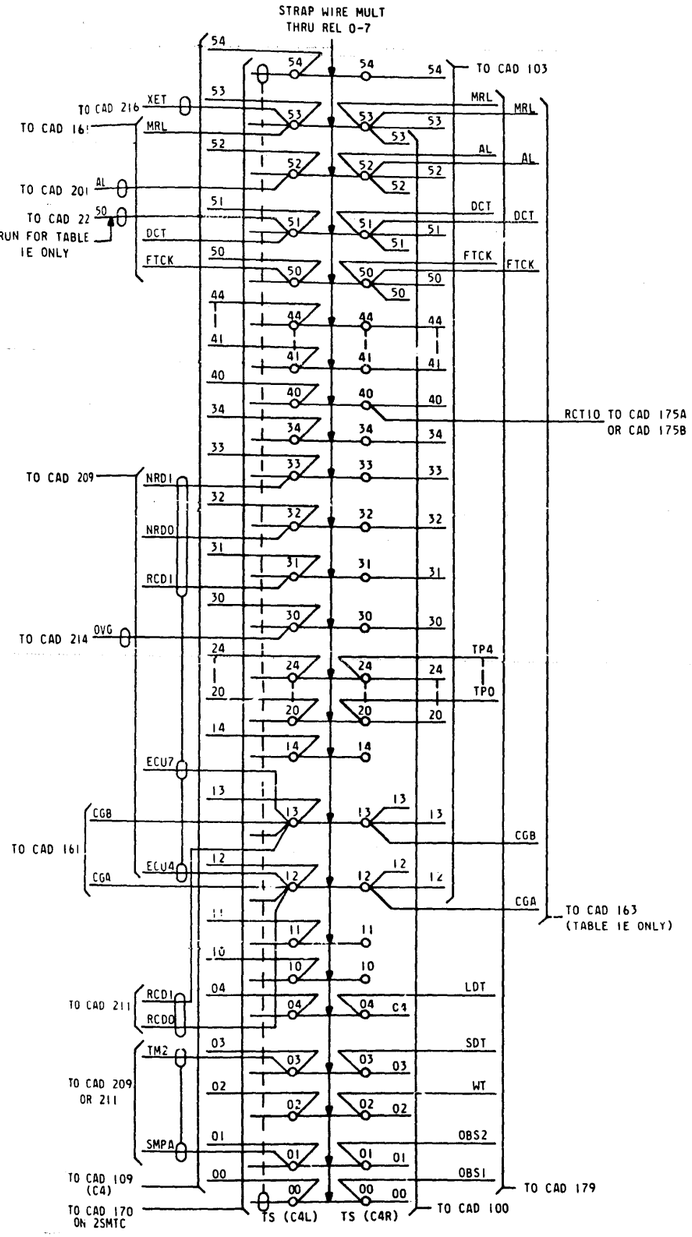
DWG SIZE	ISSUE
6S	968

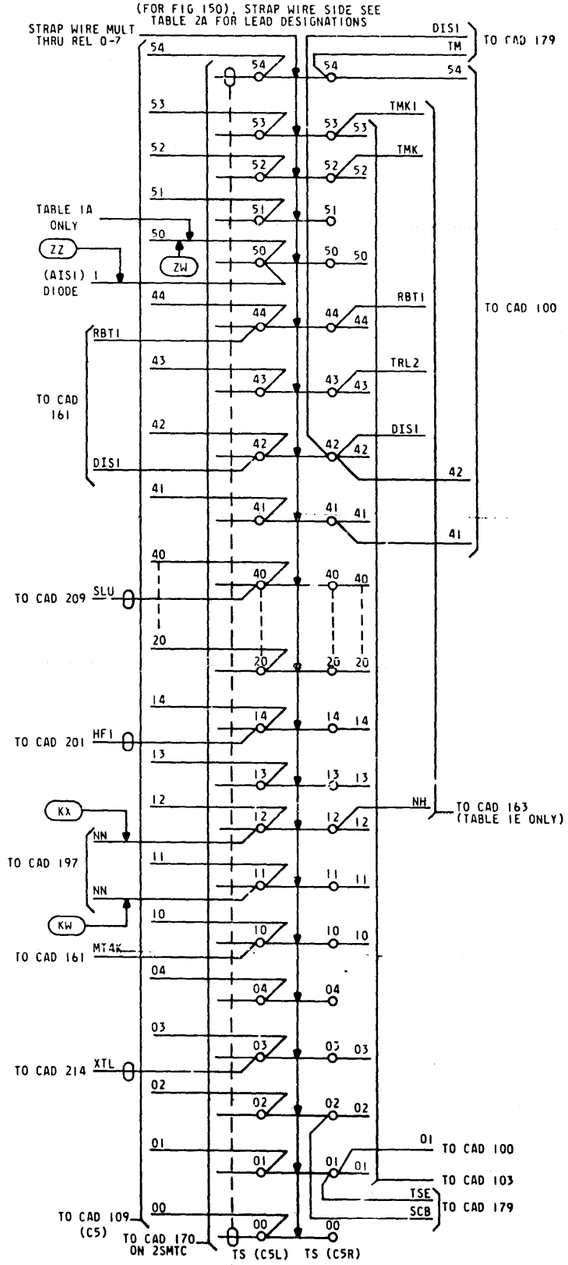
BELL LABORATORIES | SD-25805-01- | 638A

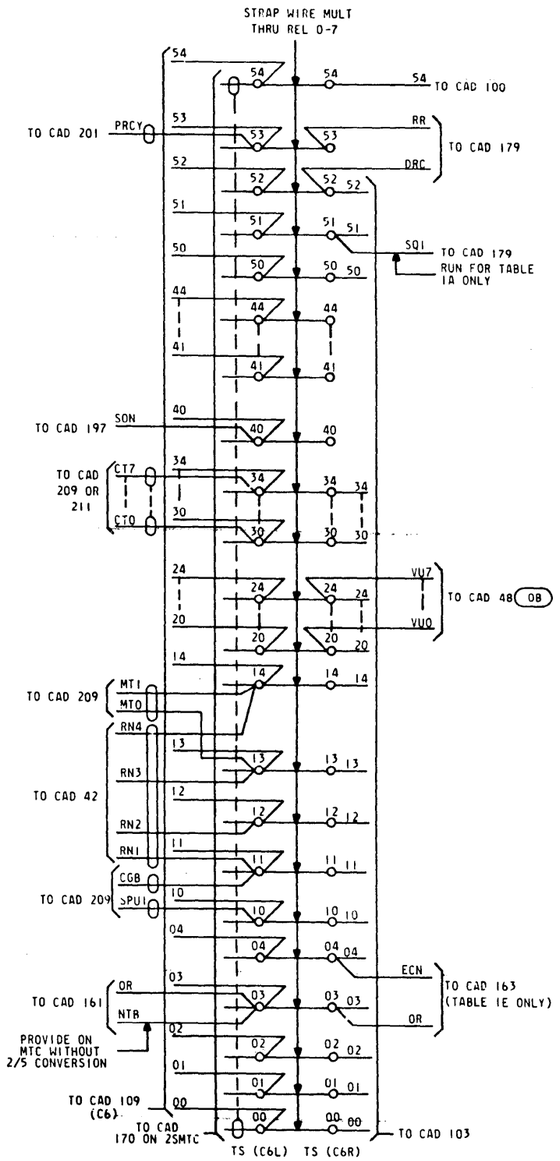
6-7481 (6-79) PRINTED IN U.S.A.

PART OF CAD 7

(FOR FIG 150), STRAP WIRE SIDE SEE TABLE 2A FOR LEAD DESIGNATIONS







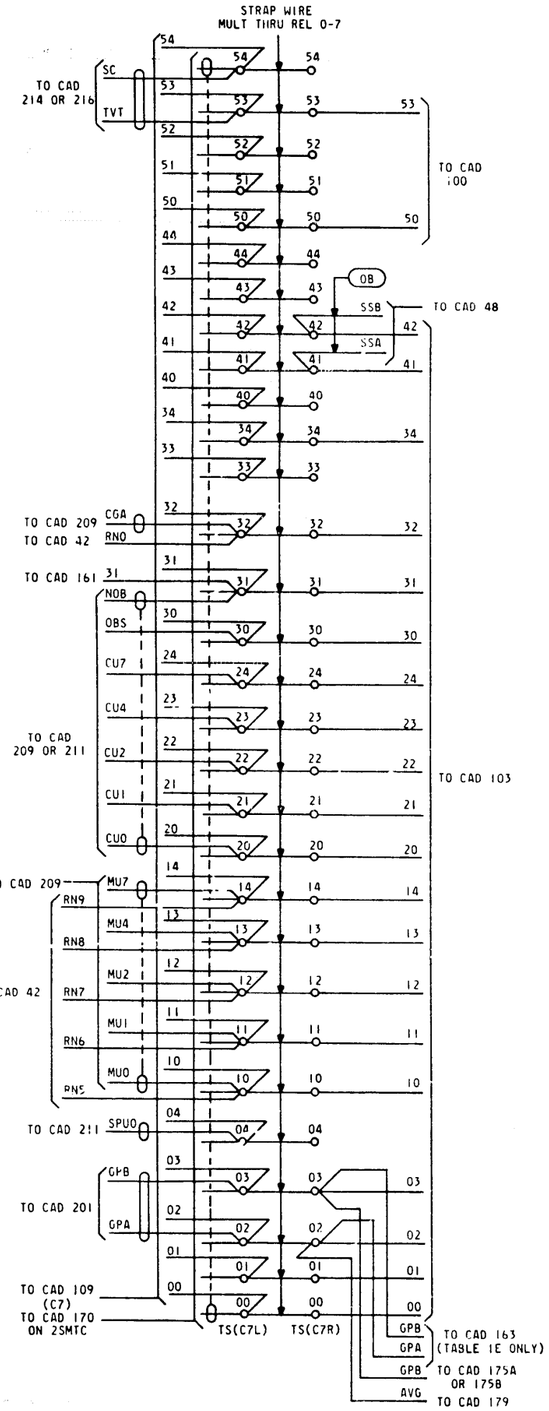
NOTES:

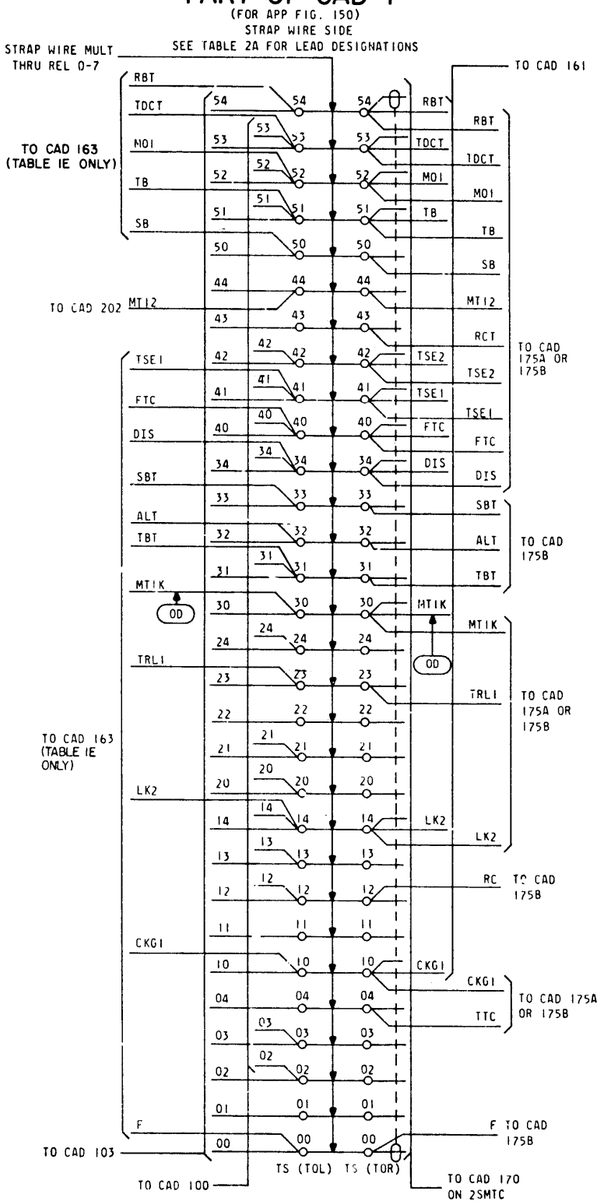
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

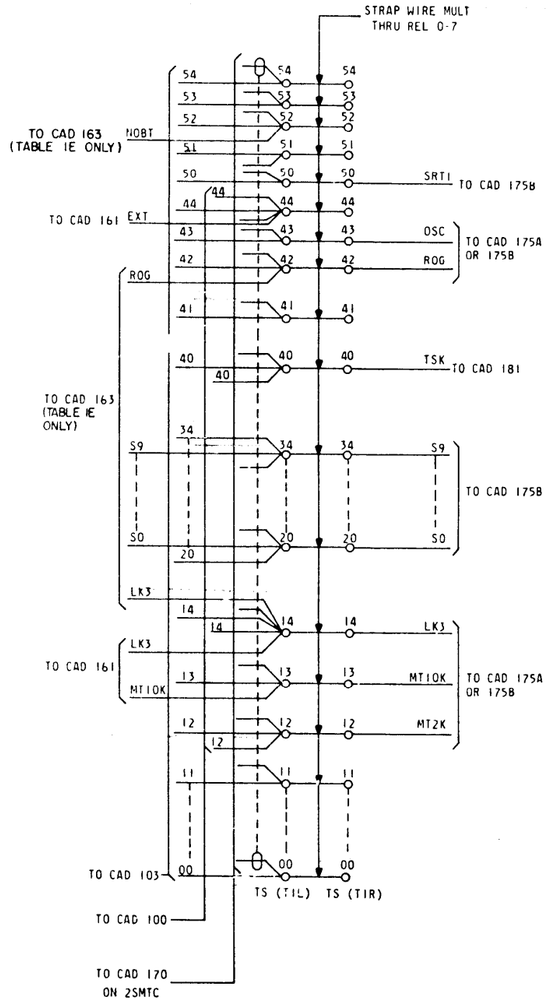
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES SD-25805-01-		G38B

PART OF CAD 7

(FOR APP FIG. 150)
STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS







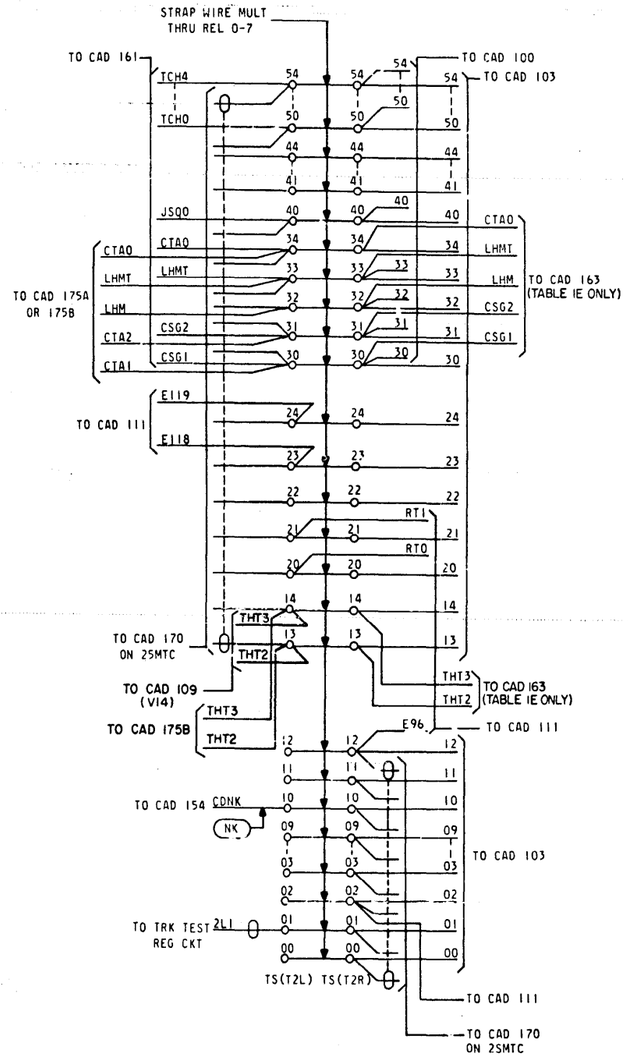
NOTES:

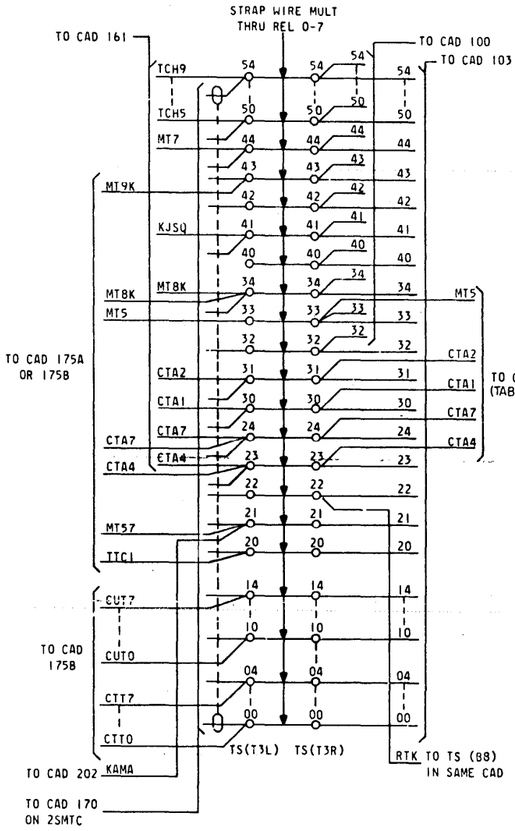
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		G39A

PART OF CAD 7

(FOR APP. FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS





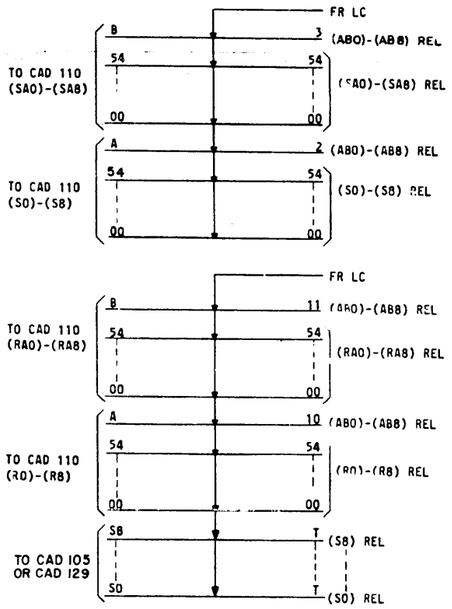
NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 91A
BELL LABORATORIES	SD-25805-01		G39B

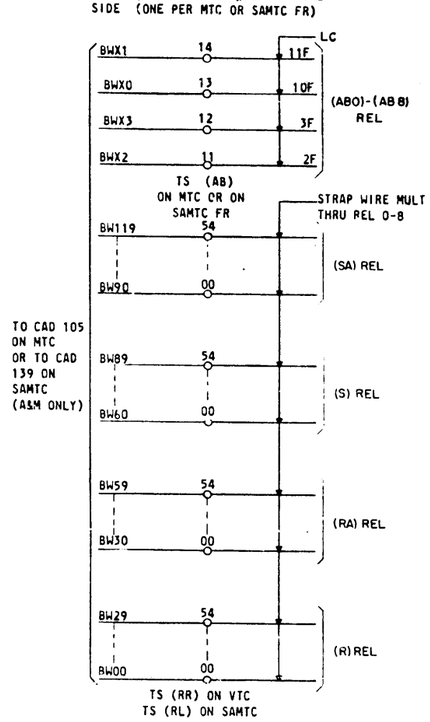
CAD 8

(FOR FIG. 152) CONTACT SIDE
(ONE PER MTC OR SAMTC FR)



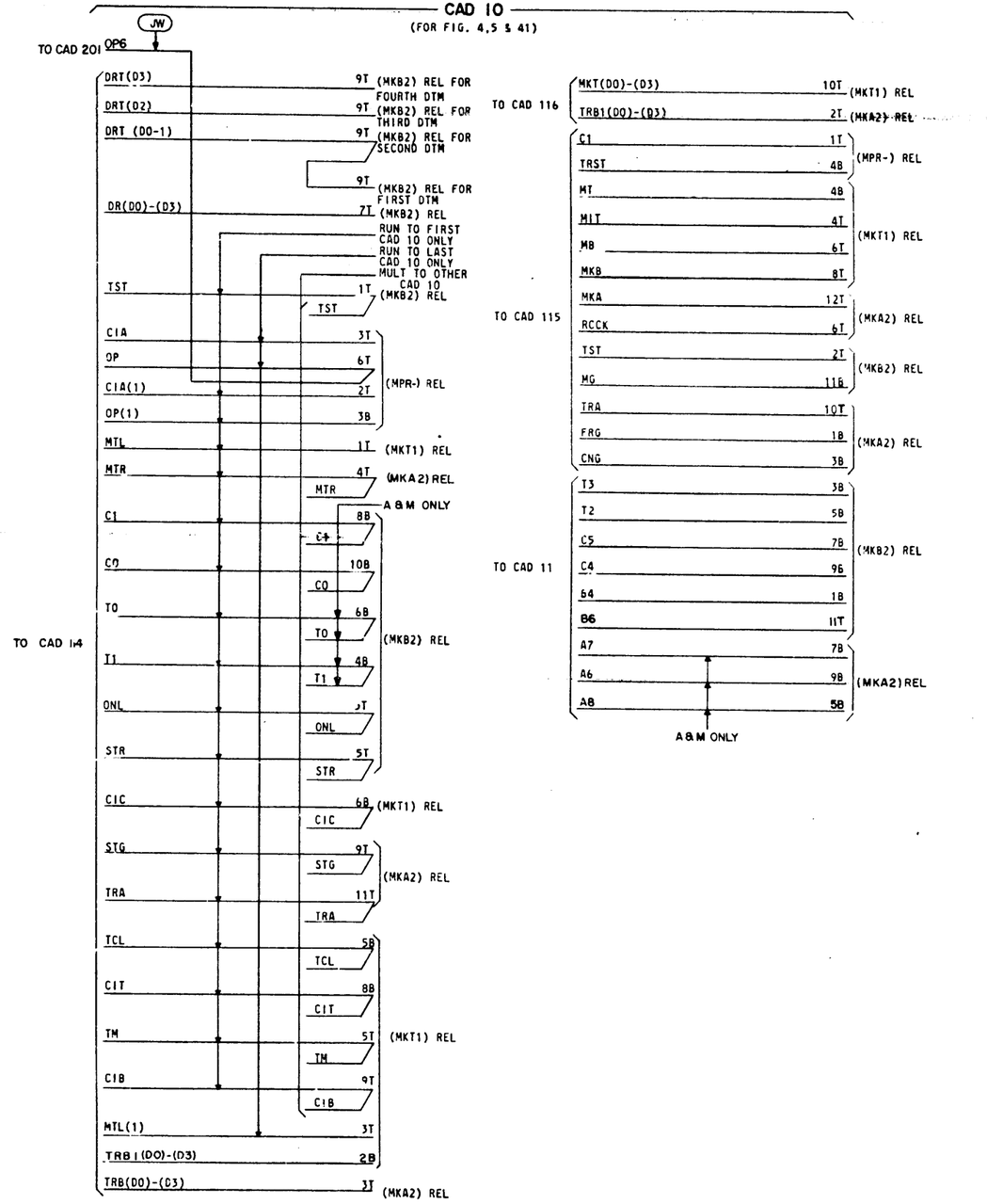
CAD 9

(FOR FIG. 152) STRAP WIRE SIDE (ONE PER MTC OR SAMTC FR)



CAD 10

(FOR FIG. 4,5 & 41)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
43D
50AC
53AF
55D
70D

ISSUE 91A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G40

BELL TELEPHONE LABORATORIES INCORPORATED 6S

CAD 11

(FOR FIG. 151), CONTACT SIDE
SEE TABLE 3A FOR LEAD DESIG
ONE PER DTM
(SEE CAD 169 FOR MKR EXPANSION)

TO CAD 115

54 (T7) REL 00
54 (T6) REL 00
54 (T5) REL 00
54 (T4) REL 00
54 (C11) REL 00
54 (C10) REL 00
54 (C9) REL 00
54 (C8) REL 00
54 (B12) REL 00
54 (B11) REL 00
54 (B10) REL 00
54 (A17) REL 00
54 (A14) REL 00
54 (A15) REL 00
54 (A14) REL 00
54 (A13) REL 00
54 (A12) REL 00

TO CAD 10 NET

T3 (T6)
T2 (T4)
C5 (C11)
C4 (C8)
B4 (B10)
A8 (A17)
A7 (A14)
A6 (A12)
A&M ONLY (A12)
(A17)
B6 (A14)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

PART OF CAD 12

(FOR FIG. 151), STRAP WIRE SIDE
SEE TABLE 3A FOR LEAD DESIG

TO CAD 116 11 — OG — BARE WIRE MULT THRU REL 0-3

CWF 13 12
CWK 11 10
10 04 03
04 02 01
02 00 TS (A16R)
01 54 20
00 14 13 12 11 10 04 00 TS (A15L)
54 QA 54 21 20 14 13 12 11 10 04 00 TS (A14L)
20 54 40 34 33 32 31 30 24 00 TS (A13L)
14 54 00 TS (A12L)
13
12
11
10
04
00

TO CAD 114

TO CAD 171 ON 2SMTC

TO CAD 114

54 54 40 40 34 20 14 14 10 10 04 00 TS (B10R)
54 54 44 44 43 42 42 41 41 CK
40 40 34 34 33 32 31 31 30 30 00 TS (A17R)
54 54 53 53 52 52 51 44 43 43 42 42 41 40 34 34 33 31 30 30 14 TS (A16R)

TO CAD 211

TO CAD 171 ON 2SMTC

TO CAD 211 NRDO — BARE WIRE MULT THRU REL 0-3

54 54 53 52 52 34 34 33 33 32 32 00 00 TS (C9R)
54 54 20 20 14 13 13 00 00 TS (C8R)
54 31 30 30 01 01 00 TS (B12R)
54 54 40 40 34 34 30 30 24 24 23 22 21 21 20 20 14 14 13 13 10 10 04 00 TS (B11R)

TO CAD 114

TO CAD 171 ON 2SMTC

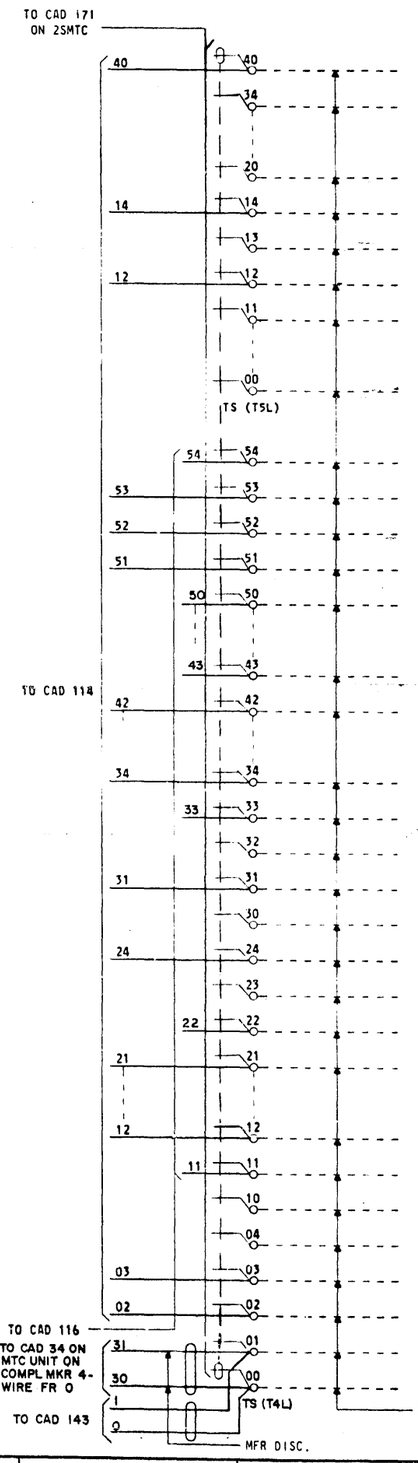
DRAWING ISSUE	
43D	PEC CLK Awg
45D	D SI PR AND
48D	FLP LMT AND
49AR	FLP AL+ AND
50AC	LD CH AND
56D	RPS Cl AND
68D	
70D	
71D	

ISSUE 96B

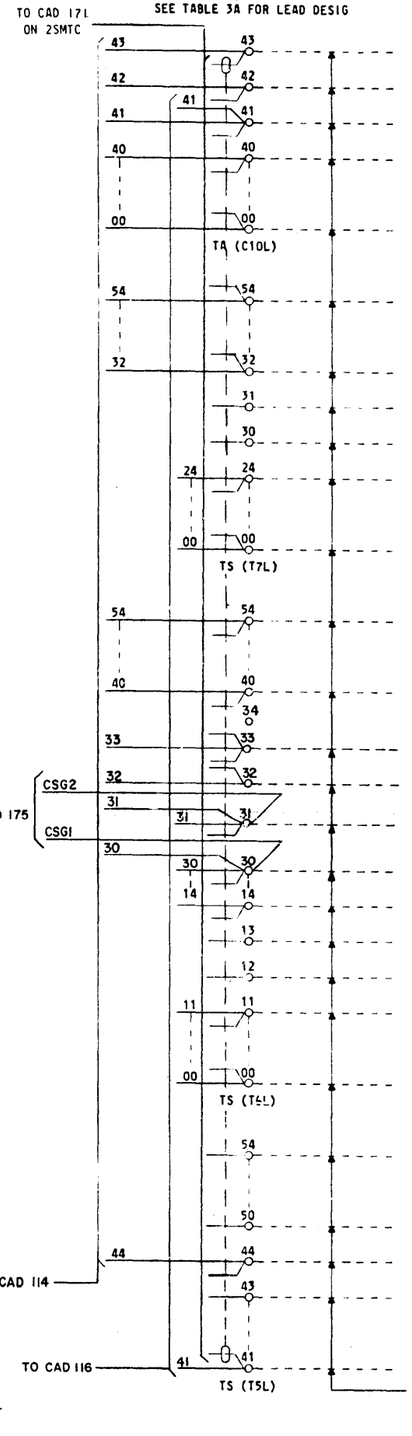
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G41

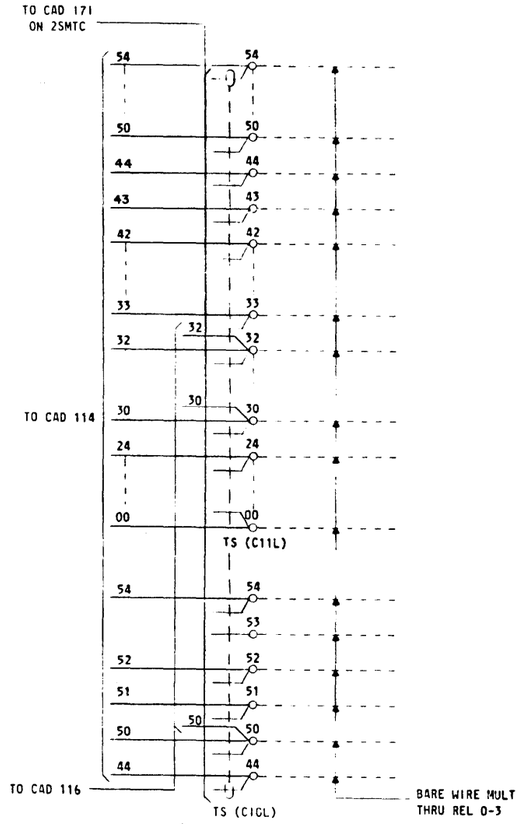
BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO



PART OF CAD 12
(FOR FIG. 151, STRAP WIRE SIDE
SEE TABLE 3A FOR LEAD DESIG





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
43D	SAV CLA AND RLP
48D	KEL AND RLP
53AR	LW AND
70DCR	
74A	

74

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G42

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO K+E

SD-25805-01-G42

PART OF CAD 13

RUN FOR PAPER TAPE AMA RCDG ONLY

(FOR FIG. 13,18,22,23,28,29,30,48 & 49)

TRB1(19) 9T
TRB1(18) 7T
TRB1(17) 5T
TRB1(16) 3T
TRB1(15) 1T
TRB1(14) 9B
TRB1(13) 7B
TRB1(12) 5B
TRB1(11) 3B
TRB1(10) 1B
TRB1(9) 9T (RT1) REL
TRB1(8) 9T
TRB1(7) 7T
TO CAD 14 TRB(6) 5T
TRB1(5) 3T
TRB1(4) 1T
TRB1(3) 9B (RR1) REL
TRB1(2) 7B
TRB1(1) 5B
TRB1(0) 3B
TRB1(EMG) 1B
STGA 3B (RNA) REL
OP 6T
C1 3T (TPO) REL
OP(1) 3B
C1(1) 5B
C1A 7T (TTP) REL
CO 6T
TO CAD 120 A95
DR1 5B (MTO REL)
TO CAD 14 E351
DRO 5B (MTE REL)
TO CAD 117 OR TO CAD 192 AOO
TO CAD 117 E350
(TRB)19 9T
(TRB)18 7T
(TRB)17 5T
(TRB)16 3T
(TRB)15 1T (RR2) REL
(TRB)14 9B
(TRB)13 7B
(TRB)12 5B
TO CAD 14 (TRB)11 3B
(TRB)10 1B
(TRB)9 9T (RT) REL
(TRB)8 9T
(TRB)7 7T (RR) REL
(TRB)6 5T
(TRB)5 3T

TO CAD 22
TRB(4) 1T
TRB(3) 9B
TRB(2) 7B
TRB(1) 5B (RR) REL
TO CAD 14 TRB(0) 3B
TRB(EMG) 1B
RTE1 13T (RTE1) REL
RTE
RTO1 13T (RTO1) REL
RTO
STR 6T (MTO) REL
TO CAD 117 AO1
TO CAD 14 STC1 11T (STC0 REL
TO CAD 221 TRBI- 7B
TRB1(9) TRBI- 5B
TRB1(8) TRBI- 3B
TRB1(7) TRBI- 1B (RT3) REL
TRB1(6) TRBI- 1T
TRB1(5) TRBI- TRBI(1) 9B
TRB1(4) TRBI- TRBI(0) 7B
TRB1(3) TRBI- 5B
TRB1(2) TRBI- 3B (RT1) REL
TRG1(1) TRBI- 1B
TRB1(0) TRBI- 7B
TRB(9) TRB- 5B
TRB(8) TRB- 3B (RT2) REL
TRB(7) TRB- 1B
TO CAD 15 TRB(6) TRB- 1T
TRB(5) TRB- TRB(1) 9B
TRB(4) TRB(0) 7B
TRB(3) TRB- 5B
TRB(2) TRB- 3B (RT) REL
TRB(1) TRB- 1B
TRB(0) TRB- 1B
WG 1B (RNA) REL
TVT3 4T (TVT3) REL
WO 1B
TTL(1) 9T (TTP1) REL
OP 8T (LTP) REL
C1 6B
TTL 4B (TTL) REL
TO CAD 30 TTL(2)
TO CAD 150 CONNECT ONLY WHEN ANI-CAMA OPR IS NOT PROVIDED
AO3
AO2 5B (TTL) REL
A24 6B (LTP1) REL
A23 6B
TO CAD 117 A22 3T (TTP1) REL
A21 7B (LTP1) REL
A16 2B (TTL) REL

TO CAD 121
A15 1B
TO CAD 117 OR TO CAD 192 A14 4T (TTL) REL
A13 3T
TO CAD 117 A12 11T
TO CAD 14 ON (MTO) REL
A11 8B
A165
TO CAD 117 A10 8B (MTE) REL
A164
TO CAD 117 OR TO CAD 192 A09 (RR1) NET.
A08 (RR) NET.
TO CAD 117 ONL 3T (ON1) REL
TO CAD 15 ONL
TO CAD 117 OR TO CAD 192 A06 (RT1) NET.
A05 (RT) NET.
TO CAD 117 A04 8T (PCN) REL
TO CAD 22 43 2T
41 4T (XTL) REL
14 9T
13 7T
12 5T
11 3T
TO CAD 19 TS (V9L) OR TO CAD 57 TS (V9L) 10 1T (STC3) REL
04 9B
03 7B
02 5B
01 3B
00 1B
14 9T
13 7T
12 5T
11 3T
TO CAD 17 TS (V4L) OR TO CAD 55 TS (V4L) 10 1T (STC1) REL
04 9B
03 7B
02 5B
01 3B
00 1B
E328 1B
E326 3B
E312 5B
E313 7B
TO CAD 117 OR TO CAD 192 E310 9B (TXO) REL
E311 1T
E315 3T
E317 5T
E314 7T
E325 9T
E321 1B (TXO1) REL

TIR 7T (RTI) REL
E322 3B
E319 5B
E316 7B
E324 9B
E323 1T (TXO1) REL
E329 3T
E318 5T
E327 7T
E320 9T
E339 8B
E338 7B
TO CAD 117 OR TO CAD 192 E337 5B
E336 3B
E335 1B
E334 9T (RTO1) REL
E333 7T
E332 5T
E331 3T
E330 1T
E301 11B
E303 OR E266 13T (STC) REL
E300 11T
E302 3T (XTL) REL
A146 6B
A96 2T (PCN) REL
TO CAD 120 A145 1T
A144 4B (TPE) REL
A97 4B (TPO) REL
A50 10T
A49 8T
A48 6T
A47 4T
A46 2T
TO CAD 119 OR TO NT CAD 192 A45 10B (STC3) REL
A44 8B
A43 6B
A42 4B
A41 2B
TO CAD 118 OR TO CAD 185 A230 4T (RNA) REL
A40 10T
TO CAD 119 OR TO NT CAD 192 A39 8T (STC1) REL
A38 6T

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 ACF CLE RWP
70D
72A

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G43
BELL TELEPHONE LABORATORIES INCORPORATED
6S

PART OF CAD 13

(FOR FIG. 13,18,22,23,28,29,30,48 & 49)

EVEN CKT

A37	4T	
A36	2T	
A35	10B	
A34	8B	(STC1) REL
A33	6B	
A32	4B	
A31	2B	
A30	12T	(STC) REL
A138	10B	
A137	8B	
A136	6B	
A135	4B	
A134	2B	
A133	10T	(RTE1) REL
A132	8T	
A131	6T	
A130	4T	
A129	2T	
A128	2B	
A127	4B	
A126	6B	
A125	8B	
A124	10B	
A123	2T	(TXE) REL
A122	4T	
A121	6T	
A120	8T	
A119	10T	
A118	2B	
A117	4B	
A116	6B	
A115	8B	
A114	10B	
A113	2T	(TXE1) REL
A111	6T	
A110	8T	
A109	10T	

TO CAD 115 OR TO (NT) CAD 192

TO CAD 119

TO CAD 120

ODD CKT

A89	10B	
A88	8B	
A87	6B	
A86	4B	
A85	2B	
A84	10T	(RTO1) REL
A83	8T	
A82	6T	
A81	4T	
A80	2T	
A79	2B	
A78	4B	
A77	6B	
A76	8B	
A75	10B	
A74	2B	(TXO) REL
A73	4T	
A72	6T	
A71	8T	
A70	10T	
A69	2B	
A68	4B	
A67	6B	
A66	8B	
A65	10B	
A64	2T	(TXO1) REL
A63	4T	
A62	6T	
A61	8T	
A60	10T	
A108	10T	
A156	8T	
A107	6T	
A155	4T	
A106	2T	
A154	10B	(STC2) REL
A105	8B	
A153	6B	
A104	4B	
A152	2B	

TO CAD 120

A103	10T	
A151	8T	
A102	6T	
A150	4T	
A101	2T	
A149	10B	(STC) REL
A100	8B	
A148	6B	
A99	4B	
A147	2B	
A98	12B	
A143	10B	
A142	9B	
A141	1B	(MTE) REL
A140	5T	
A139	2T	
A94	10B	
A93	9B	
A92	1B	(MTO) REL
A91	5T	
A90	2T	
A163	8T	(LTP1) REL
A162	7B	(LTP) REL
A161	8T	(TTP1) REL
A160	7B	(TTP) REL

TO CAD 120

TO CAD 121 OR TO CAD 189

(NT) 3B (TVT3) REL

(NU) 2T (ON1) REL

TO CAD 119 OR TO (NT) CAD 192 — A51

TO CAD 192 — E261 7T, E260 3T (RT) REL

ODD CKT

EVEN CKT

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 KEG CLK MP
700 CB

ISSUE 79D CB

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G44

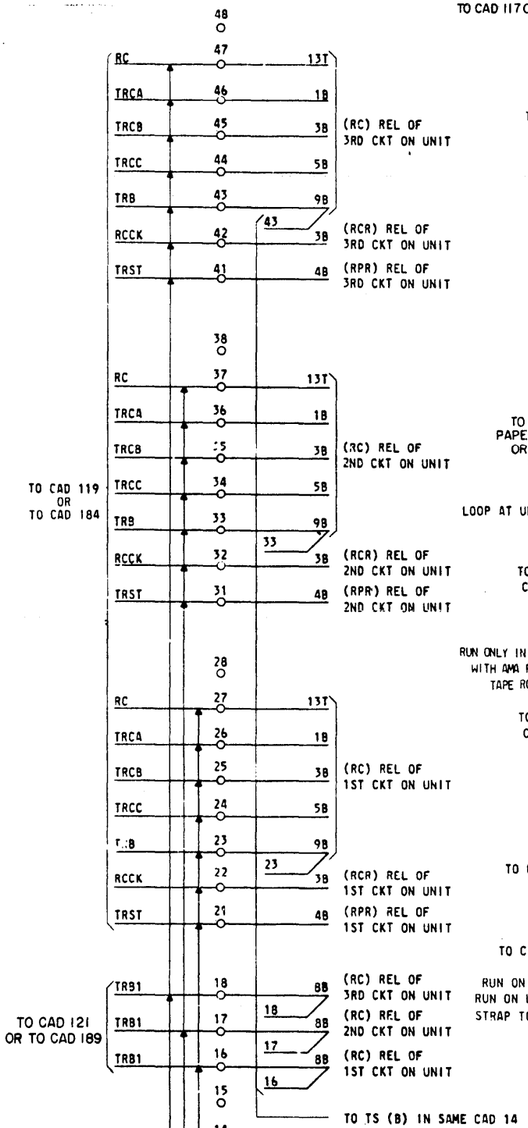
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G44

STABILO MEMO

CAD 14

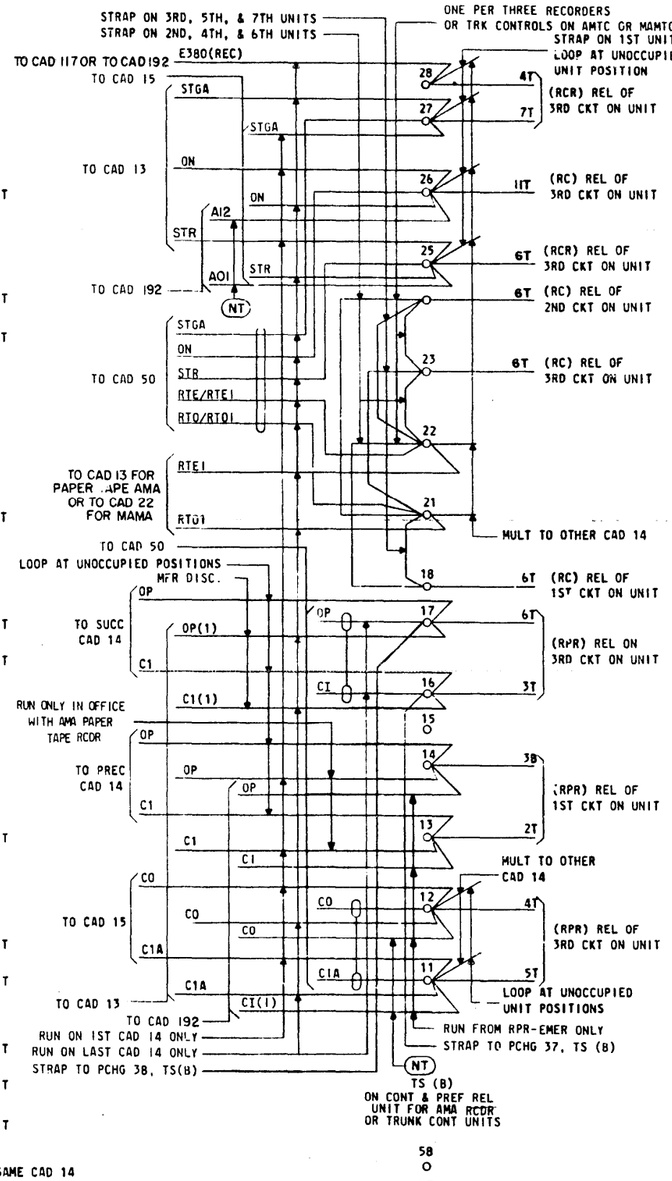
(FOR FIGURES 14,15,16,17,& 24)



(SEE NOTE 2)

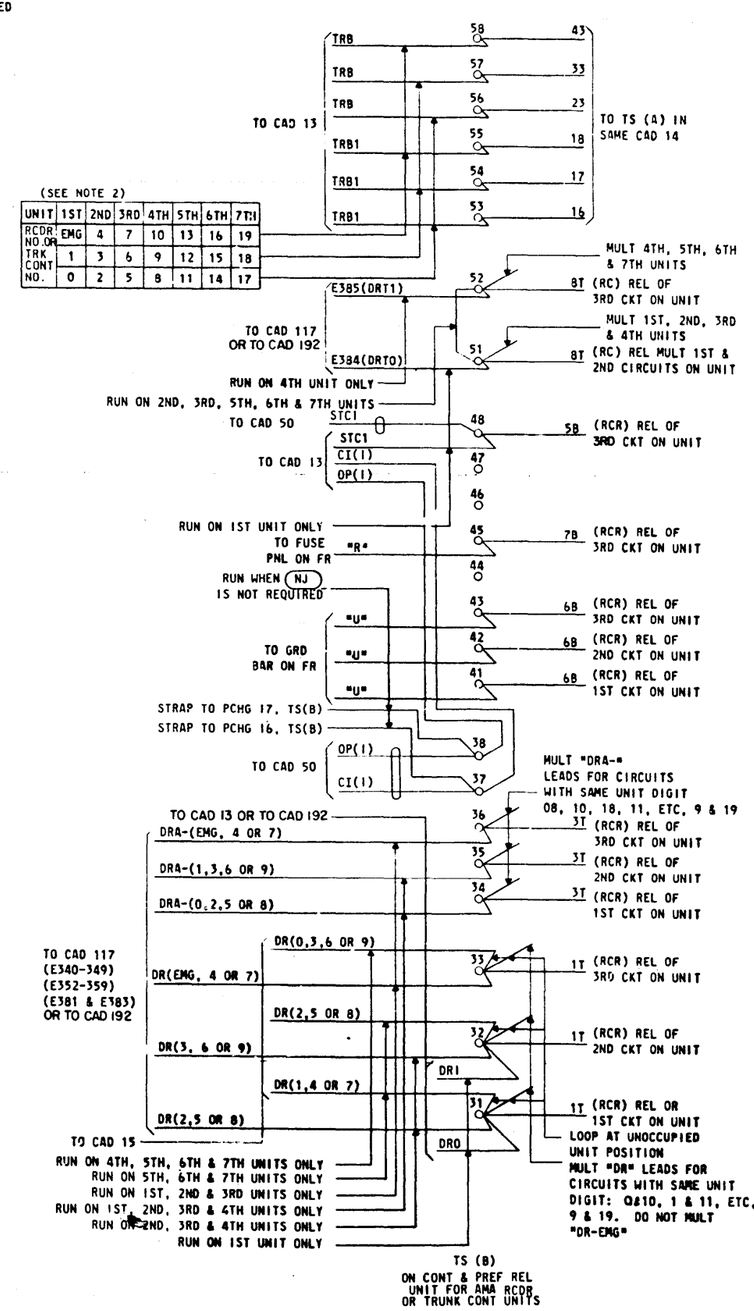
UNIT	1ST	2ND	3RD	4TH	5TH	6TH	7TH
RCDR NO. OR TRK CONT NO.	EMG	4	7	10	13	16	19
	1	3	6	9	12	15	18
	0	2	5	8	11	14	17

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.
2. SEE CAD 50 FOR RECORDERS 20-29.



(SEE NOTE 2)

UNIT	1ST	2ND	3RD	4TH	5TH	6TH	7TH
RCDR NO. OR TRK CONT NO.	EMG	4	7	10	13	16	19
	1	3	6	9	12	15	18
	0	2	5	8	11	14	17



DRAWING ISSUE
430 SAV CLL AMP RLP
480 PEA AMP
70D

ISSUE 80A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G45

BELL TELEPHONE LABORATORIES INCORPORATED

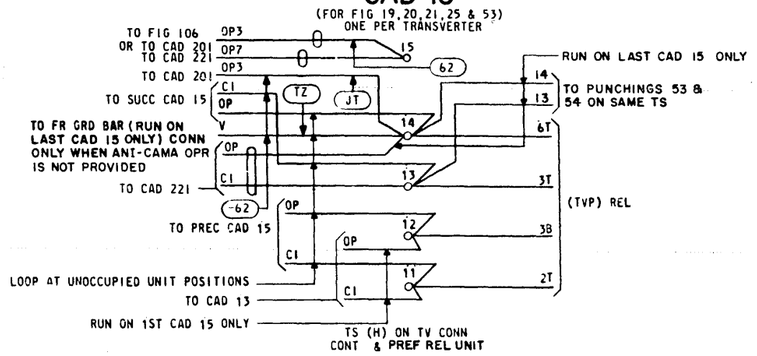
6S

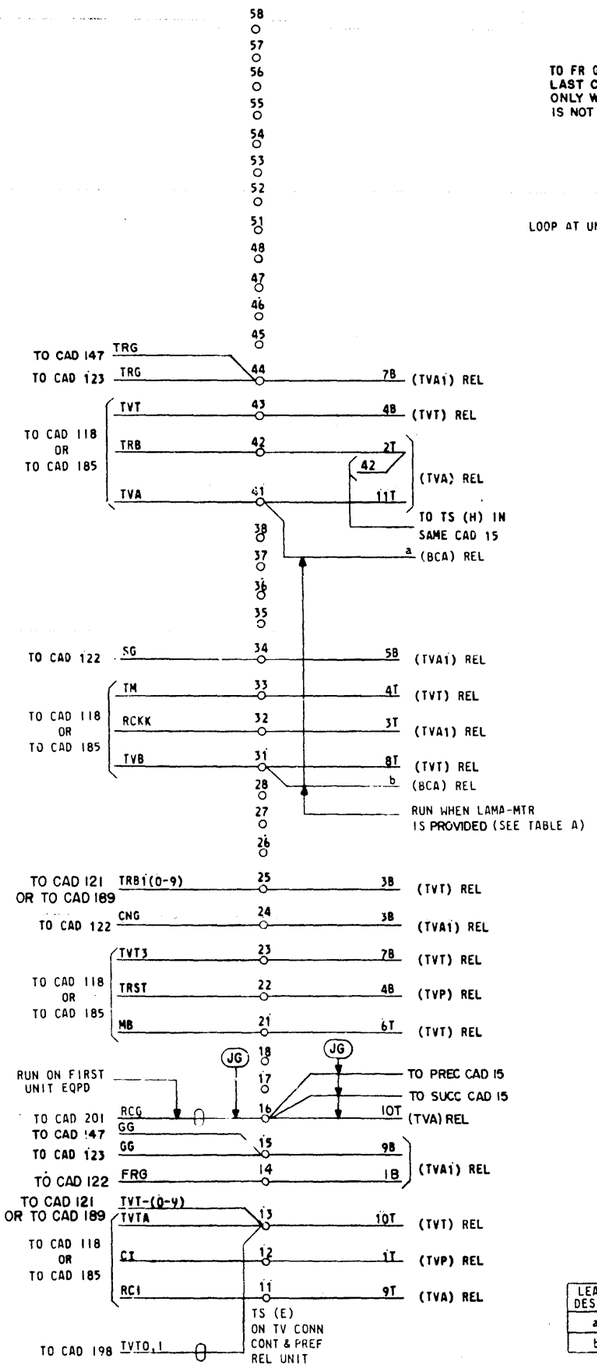
SD-25805-01-G46

STABILO

CAD 15

(FOR FIG 19,20,21,25 & 53)
ONE PER TRANSVERTER





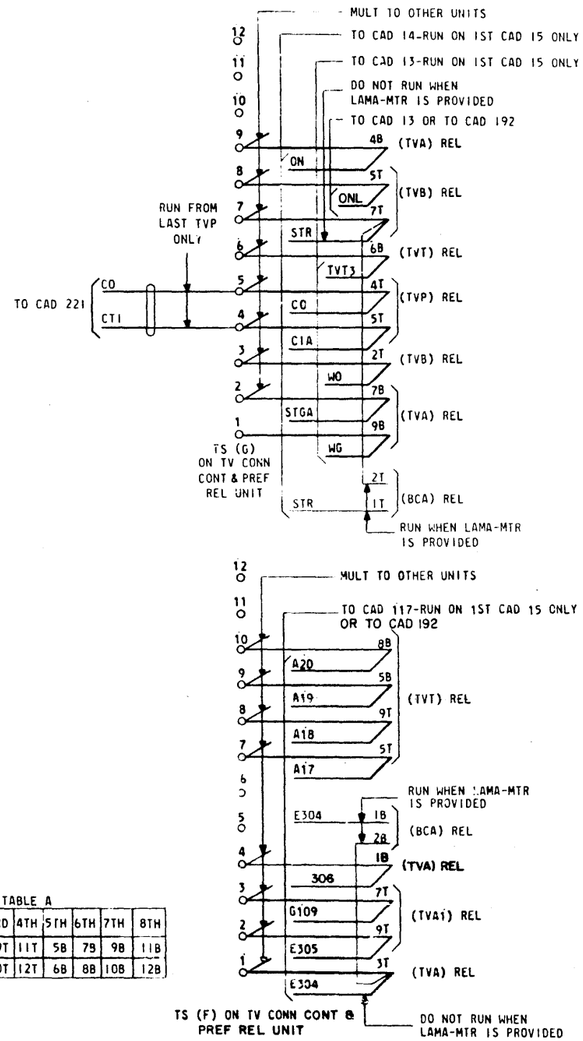
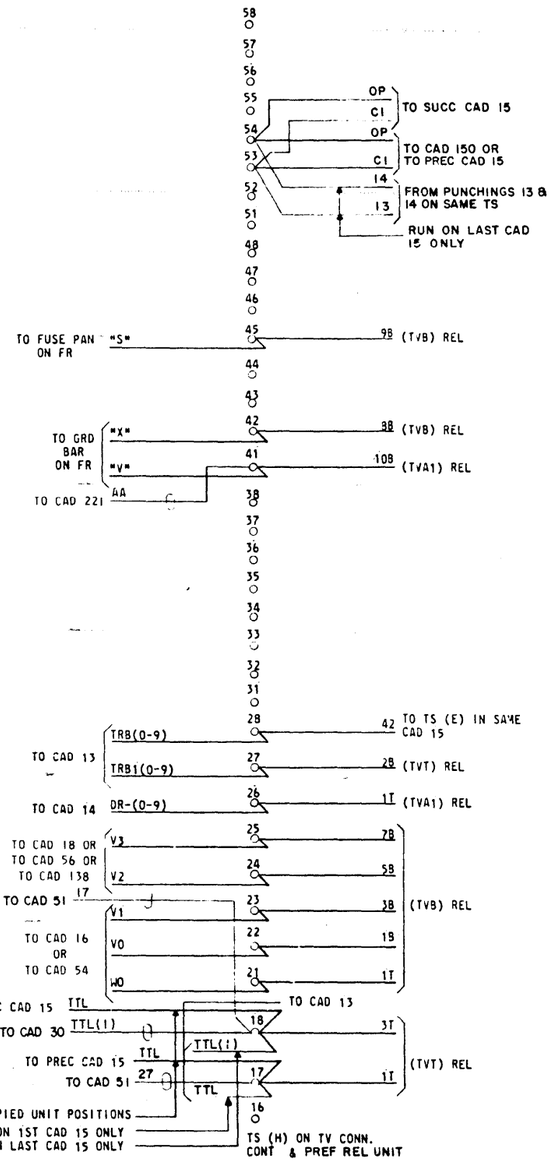


TABLE A

LEAD DESIG	1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH
a	5T	7T	9T	11T	5B	7B	9B	11B
b	6T	8T	10T	12T	6B	8B	10B	12B



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE
43D CL LK
AM
32D PR
70D
72A

ISSUE 97A

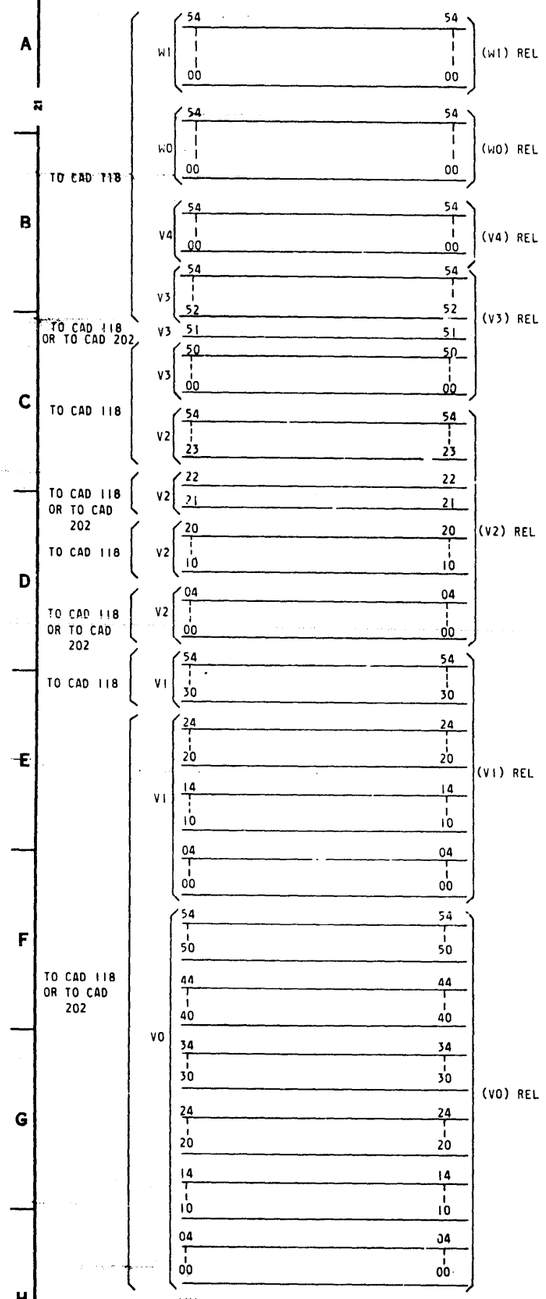
MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-G46
BELL TELEPHONE LABORATORIES INCORPORATED	SIZE 6S

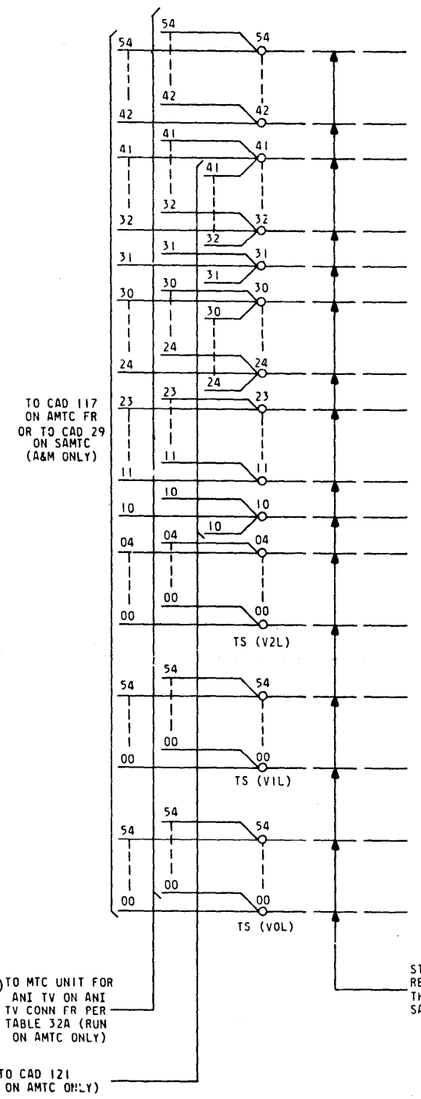
PRINTED IN U.S.A.

STABILOKE

CAD 16

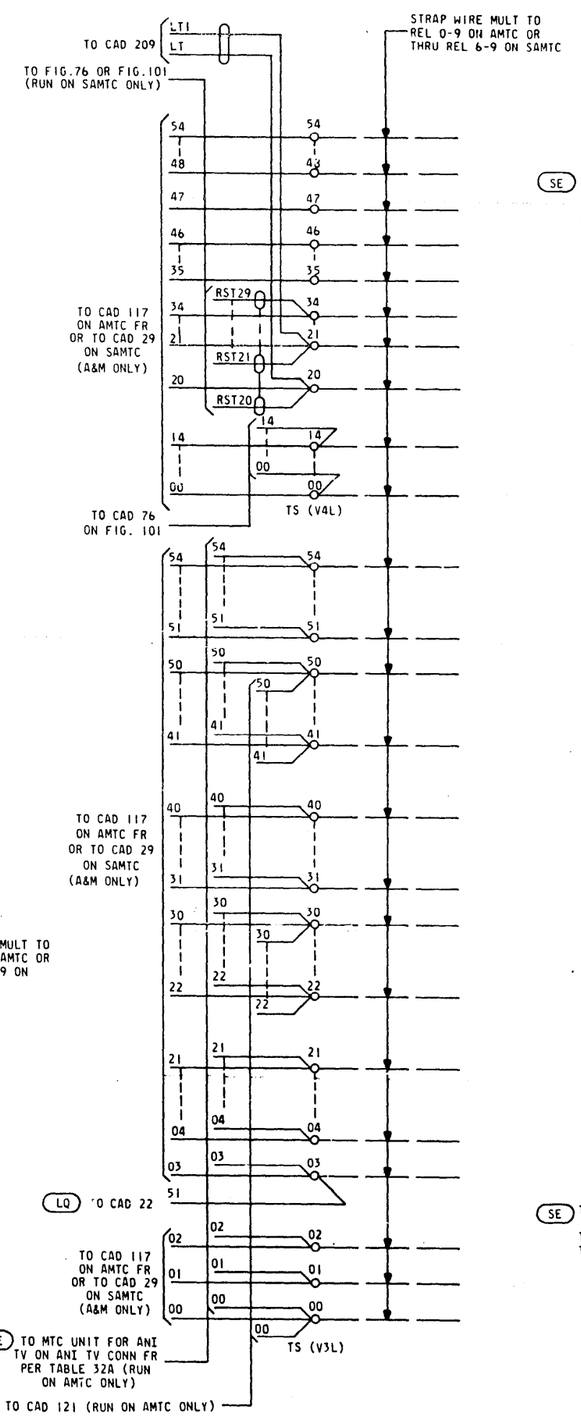
(FOR FIG. 153), CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5A)
ONE PER AMA OR CAMA TRANSVERTER

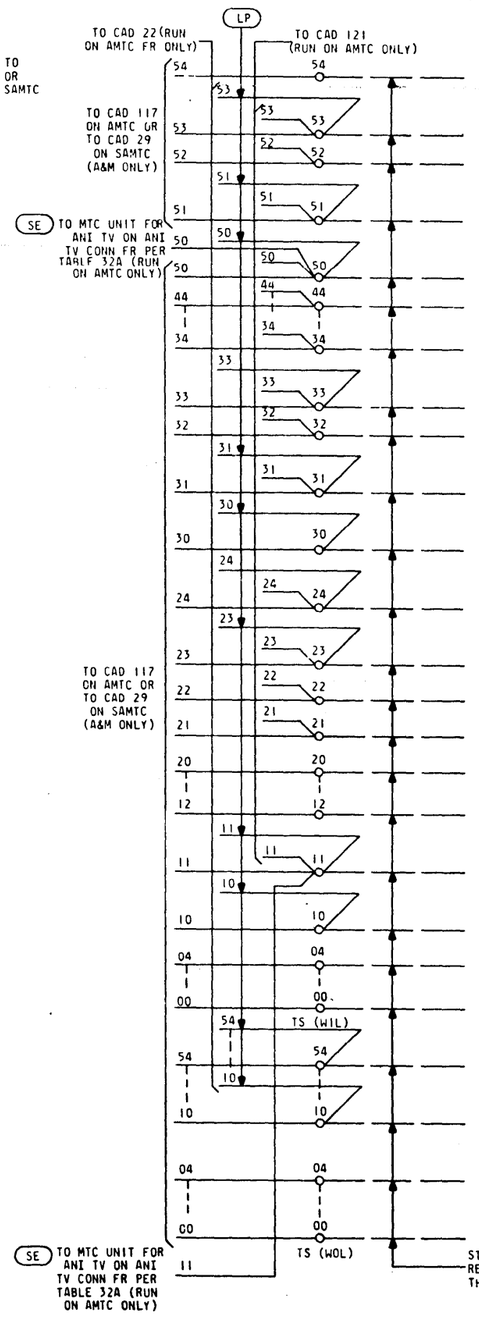




CAD 17

(FOR FIG. 153), STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5A)
ONE PER AMTC OR SAMTC





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

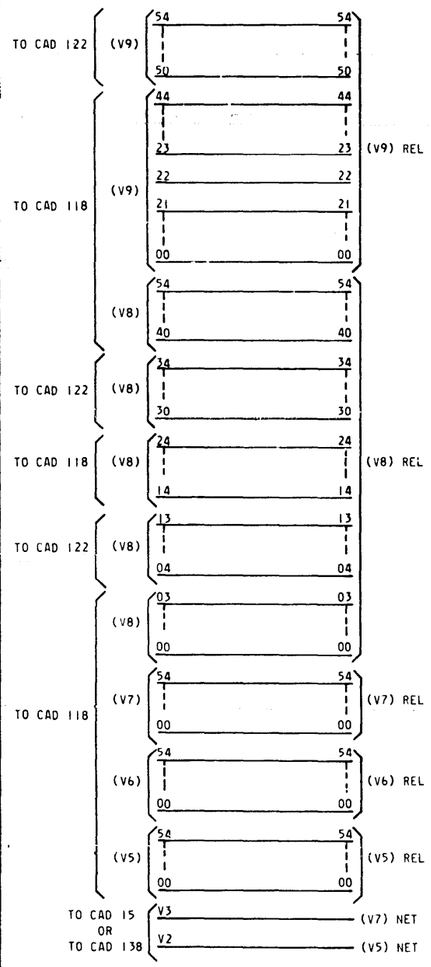
SD-25805-01-G47

BELL TELEPHONE LABORATORIES INCORPORATED

6S

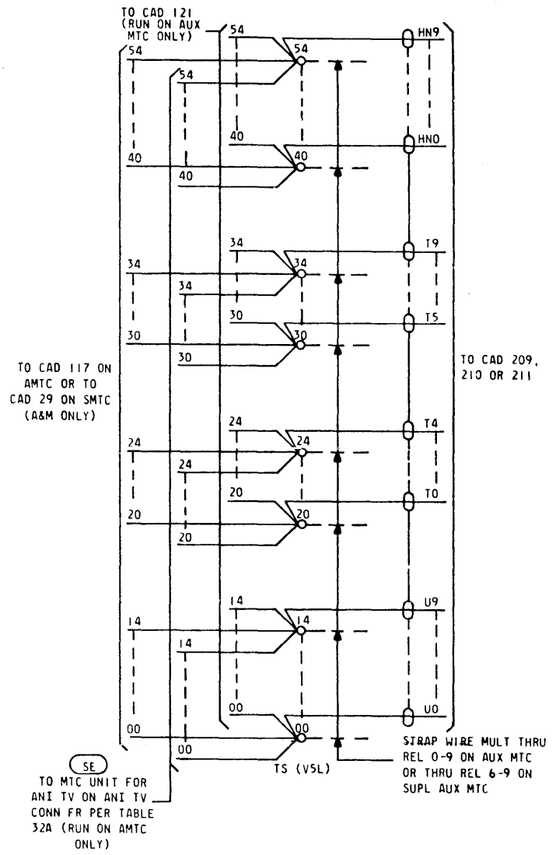
CAD 18

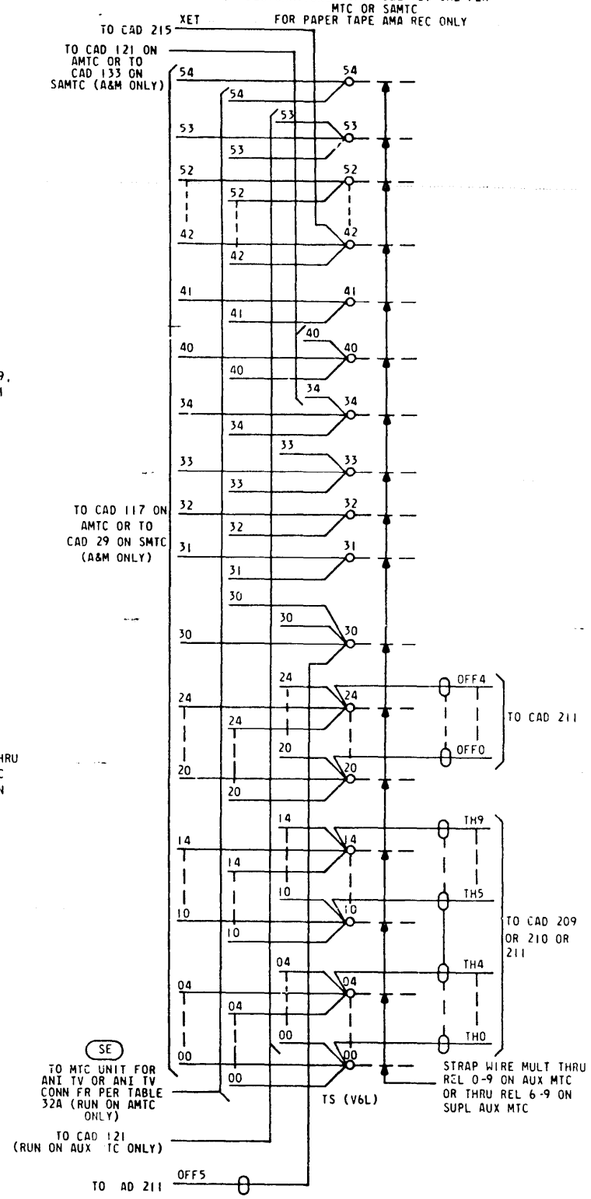
(FOR FIG 154), CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 58)
ONE PER AMA TRANSVERTER
FOR PAPER TAPE AMA REC ONLY

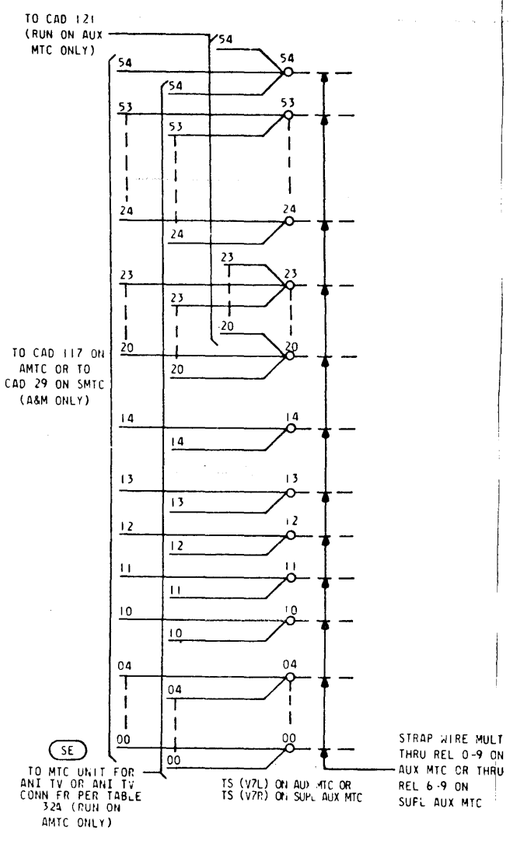


PART OF CAD 19

(FOR FIG 154), STRAP WIRE SIDE (FOR LEAD DESIGNATIONS SEE TABLE 58) ONE PER MTC OR SAMTC
FOR PAPER TAPE AMA REC ONLY







NOTES:

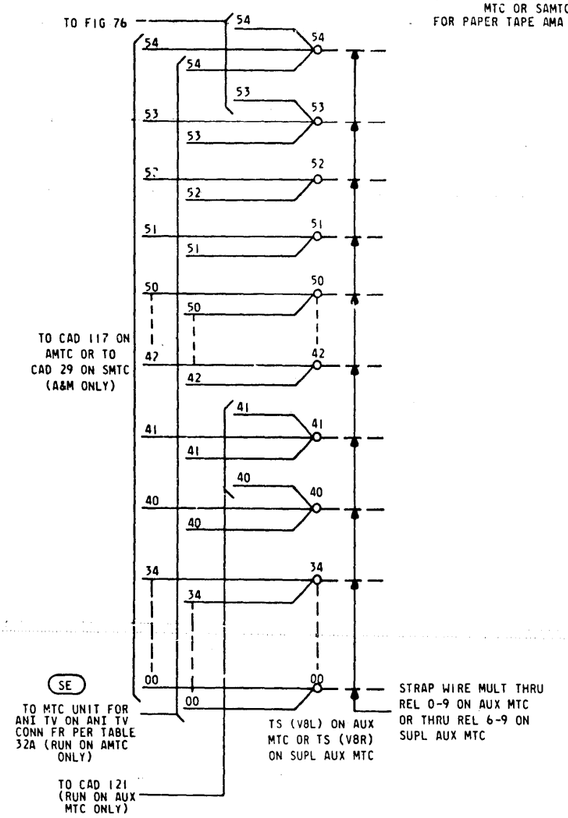
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

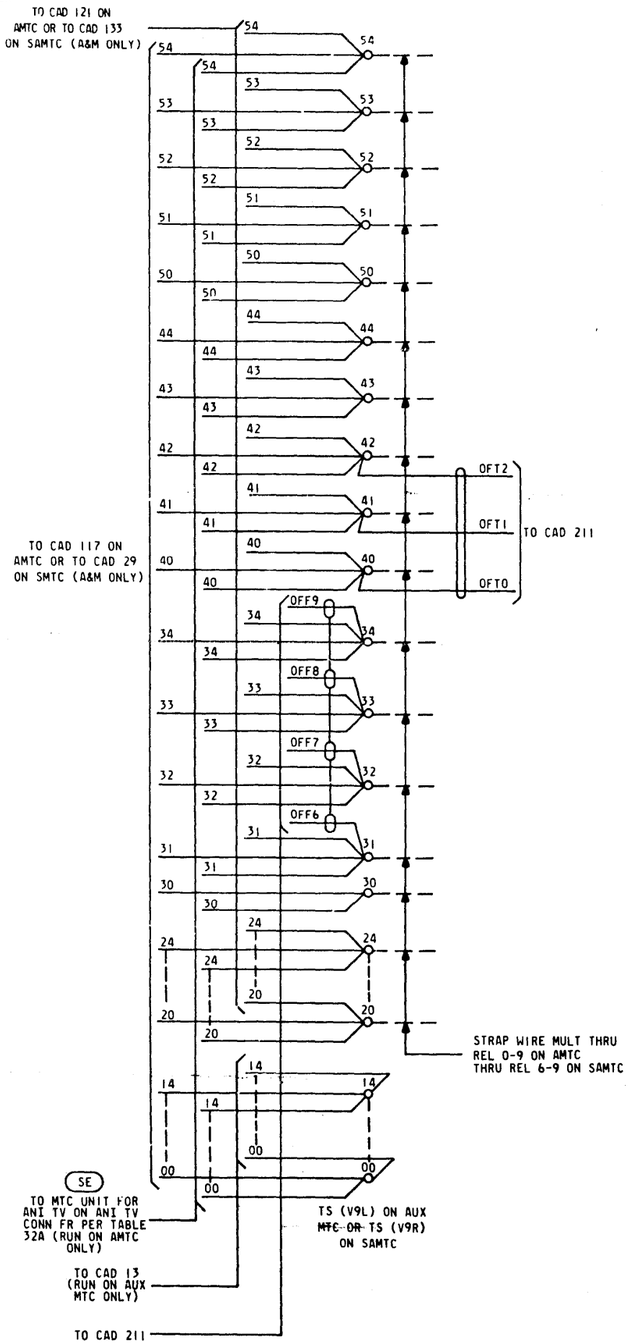
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G48A

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PART OF CAD 19

(FOR FIG 154), STRAP WIRE SIDE (FOR LEAD DESIGNATIONS SEE TABLE 5B) ONE PER MTC OR SAMTC FOR PAPER TAPE AMA REC ONLY



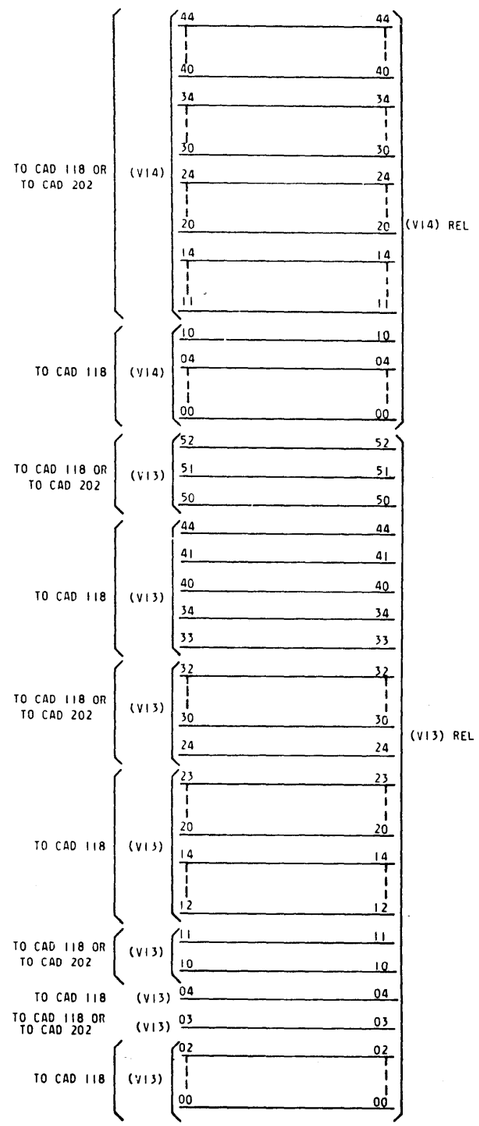


NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

PART OF CAD 20

(FOR FIG 155) CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5C)
ONE PER CAMA TRANSVERTER

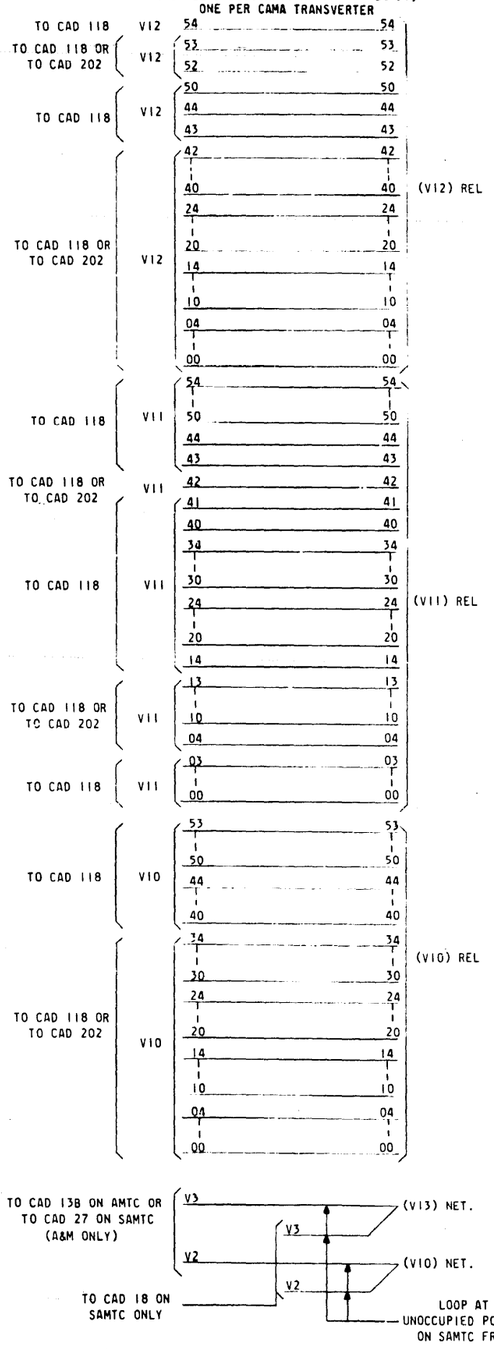


MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01-		G48B

PRINTED IN U.S.A.

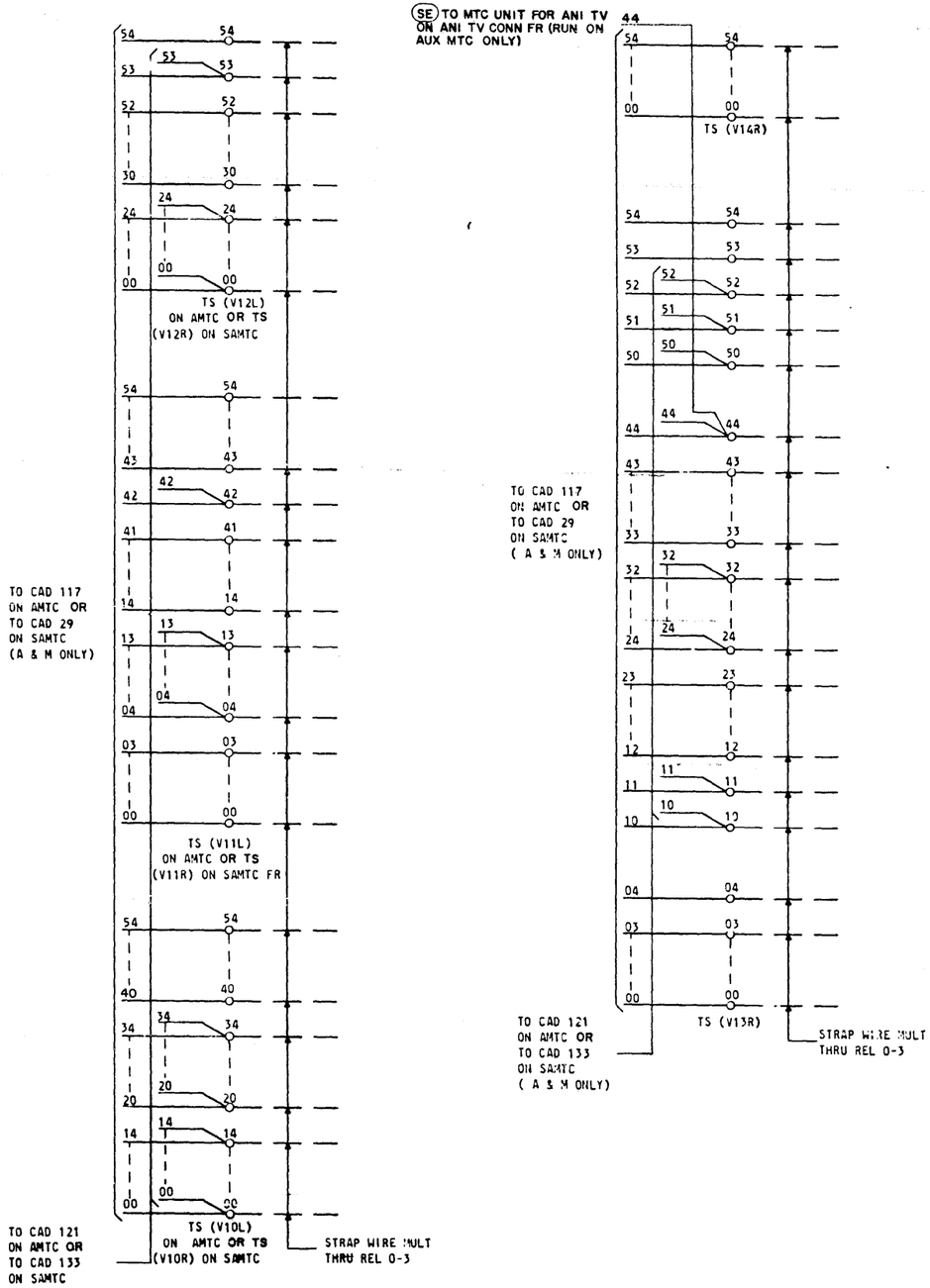
CAD 20

(FOR FIG. 155),CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5C)
ONE PER CAMA TRANSVERTER



CAD 21

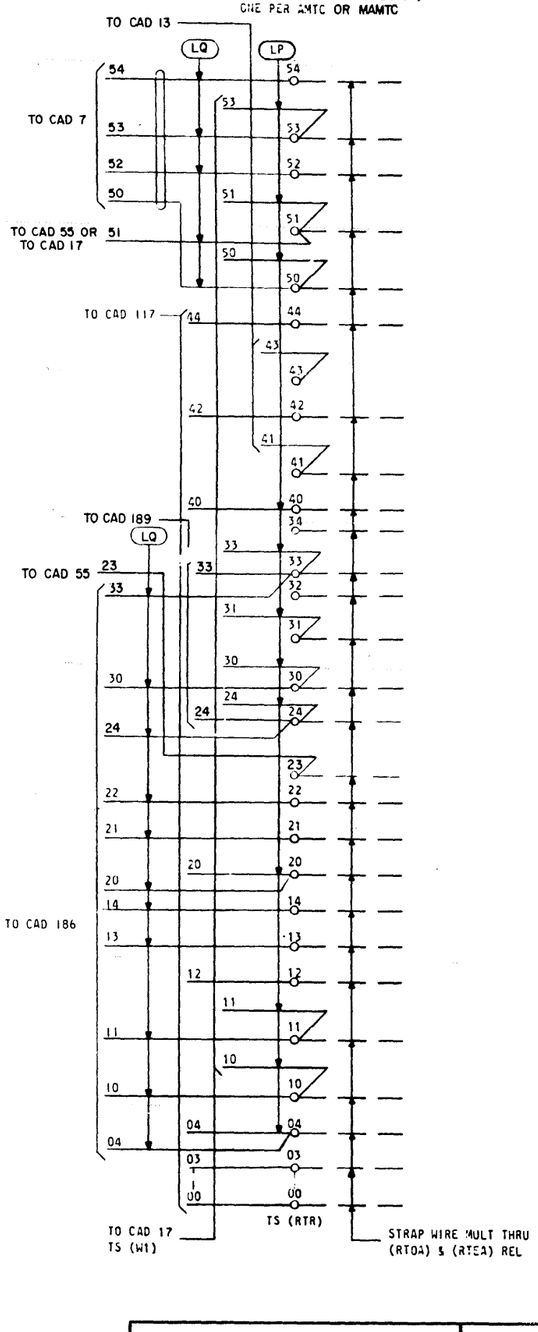
(FOR FIG. 155),STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5C)
ONE PER AMTC OR SAMTC

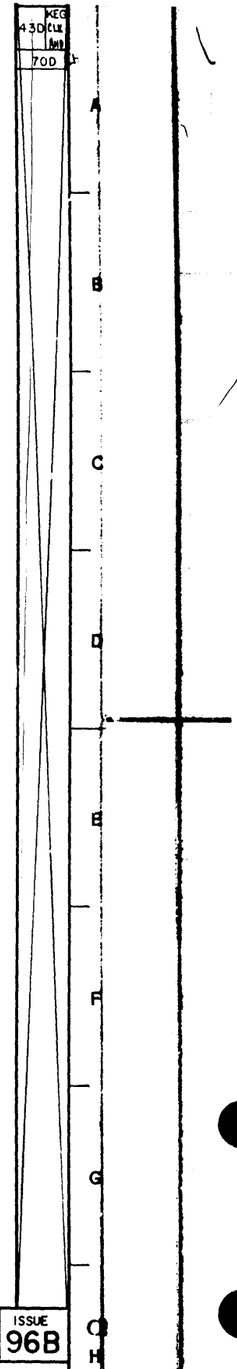


(SE) TO MTC UNIT FOR ANI TV ON ANI TV CONN FR (RUN ON AUX MTC ONLY)

PART OF CAD 22

(FOR FIG. 156),STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 6A)
ONE PER AMTC OR MAMTC





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

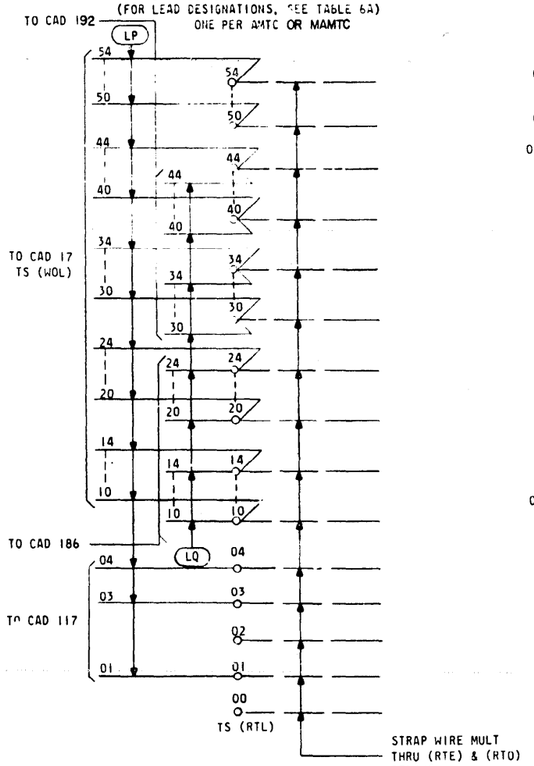
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G49

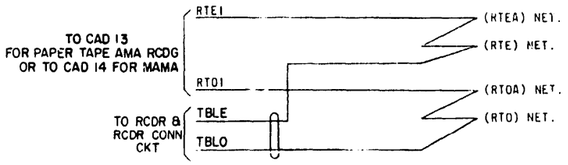
BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO K&E

PART OF CAD 22

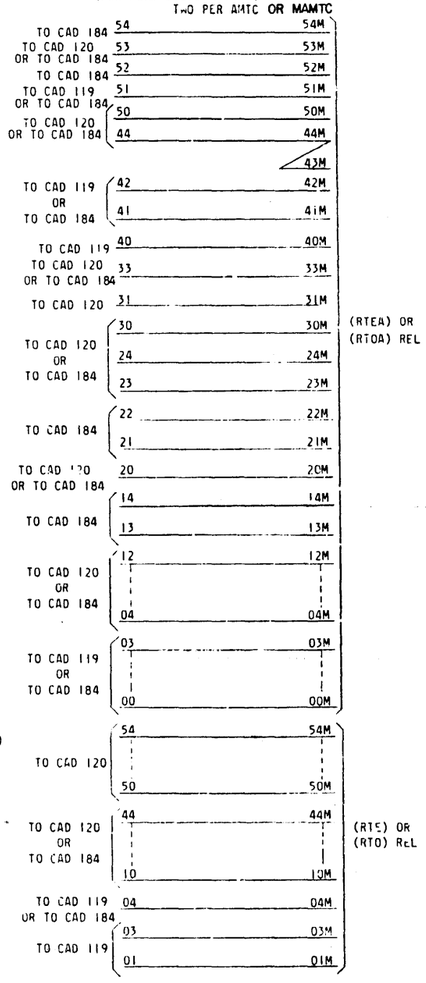
(FOR FIG. 156, STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS, SEE TABLE 6A)
ONE PER AMTC OR MAMTC





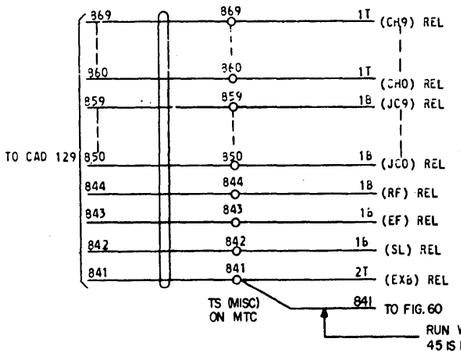
CAD 23

(FOR FIG. 156, CONTACT SIDE
(FOR LEAD DESIGNATIONS, SEE TABLES 6A OR 6B)
TWO PER AMTC OR MAMTC



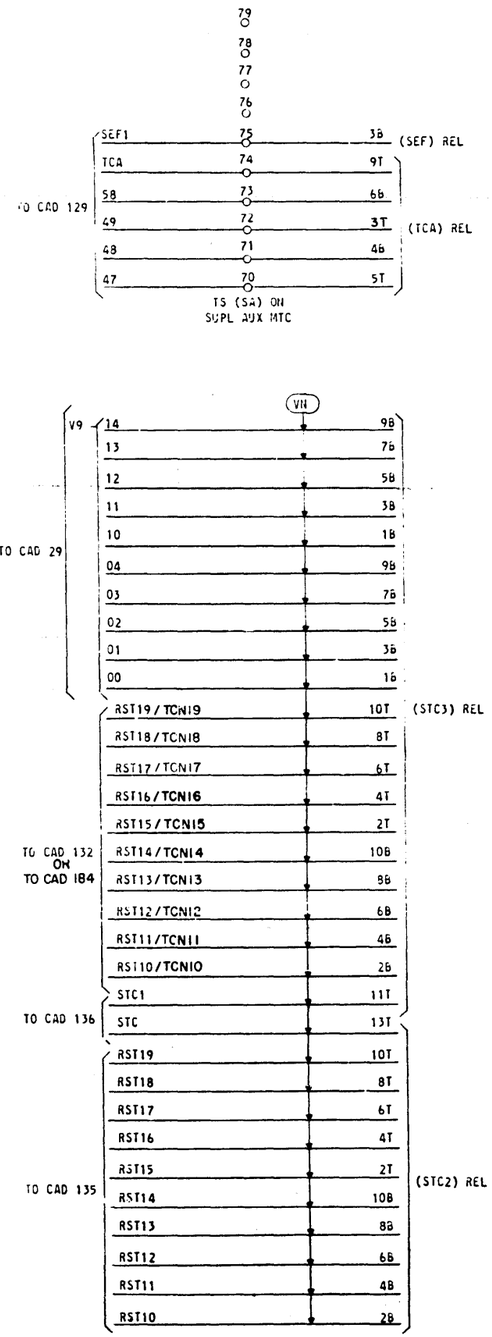
(VJ) CAD 24 (A&M ONLY)

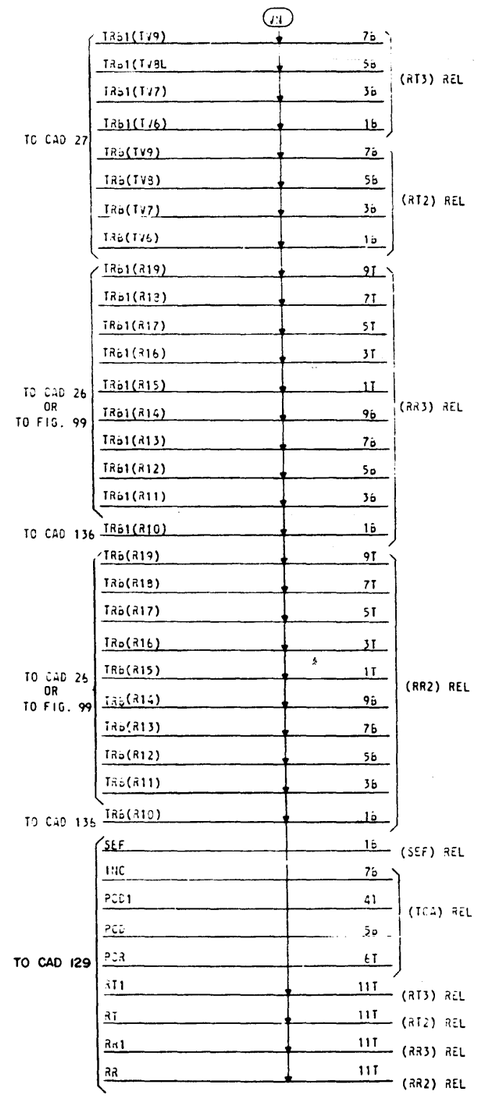
(FOR FIG. 11 (JCO-9,EF, & RF RELAYS ONLY)
FIG. 12,4W, & 45)
ONE PER MTC



(VJ) CAD 25 (A&M ONLY)

(FOR FIG. 11 ("WC" OPTION ONLY), 22 ("WC & "WD" OPTIONS ONLY),
29 ("WD" OPTION ONLY), & 137)





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 FMW CLR AMD
70D

ISSUE 90B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G50
BELL TELEPHONE LABORATORIES INCORPORATED
SIZE 6S

SD-25805-01-G50

STABILO

SEE NOTE 2

UNIT	1ST	2ND	3RD
RCDR NO. OR TRK CONT	13	16	19
	12	15	18
	11	14	17

RC 47 13T
TRCA 46 1B
TRCB 45 3B (RC) REL
TRCC 44 5B
TRB 43 9B
RCCK 42 3B (RCR) REL
TRST 41 4B (RPR) REL
OF 3RD CKT ON UNIT

RC 37 13T
TRCA 36 1B
TRCB 35 3B (RC) REL
TRCC 34 5B
TRB 33 9B
RCCK 32 3B (RCR) REL
TRST 31 4B (RPR) REL
OF 2ND CKT ON UNIT

TO CAD 132 OR TO CAD 184

RC 27 13T
TRCA 26 1B
TRCB 25 3B (RC) REL
TRCC 24 5B
TRB 23 9B
RCCK 22 3B (RCR) REL
TRST 21 4B (RPR) REL
OF 1ST CKT ON UNIT

TRBI 18 8B (RC) REL OF 3RD CKT ON UNIT
TRBI 17 8B (RC) REL OF 2ND CKT ON UNIT
TRBI 16 8B (RC) REL OF 1ST CKT ON UNIT

TO CAD 133 OR TO CAD 190

TO TS (B) IN SAME CAD 26

TS(A) ON CONN CONT & PREF REL
UNIT FOR AMA RECORDERS OR TRK
CONT UNITS ON SAMTC FR

(VN) CAD 26 (A & M ONLY)

(FOR FIG. 16, 17 & 24)
ONE PER THREE RECORDERS (RECORDERS 11-19)
OR TRUNK CONTROLS (11-19)

LOOP AT UNOCCUPIED UNIT POSITION

TO CAD 29 E380 (REC) 28 4T
TO CAD 50
TO CAD 136 STGA STGA 27 7T (RCR) REL
STGA
ON
TO CAD 129 ON 26 11T (RC) REL
STR
STR 25 6T (RCR) REL
TO CAD 27 STR
RUN ON 1ST CAD 26 ONLY
OF 3RD CKT ON UNIT

24 6T (RC) REL OF 2ND CKT ON UNIT
STRAP ON 1ST & 3RD UNIT
STRAP ON 2ND UNIT
23 6T (RC) REL OF 2ND CKT ON UNIT
RTE1
TO CAD 136
22
RTO1
21 MULT TO OTHER CAD 26
STRAP TO PCHG 38,TS (B)
STRAP TO PCHG 37,TS (B)
LOOP AT UNOCCUPIED POSTIONS
18 6T (RC) REL OF 1ST CKT ON UNIT
CP
TO SUCC CAD 26
OP(1) OP 17 6T
C1 (RPR) REL OF 3RD CKT ON UNIT
TO CAD 136 C1(1) CI 16 3T
15 MFR DISC.
OP
TO PREC CAD 26 OP 14 3B
C1 (RPR) REL OF 1ST CKT ON UNIT
C1 13 2T
LOOP AT UNOCCUPIED UNIT POSITION
CO
CO 12 4T
CO (RPR) REL OF 3RD CKT ON UNIT
CIA
CIA 11 5T
C1A
RUN ON LAST CAD 26 ONLY
TO CAD 27
TO CAD 50
MULT TO OTHER CAD 26
RUN ON 1ST CAD 26 ONLY

TS(B) ON CONN CONT & PREF REL
UNIT FOR AMA RECORDERS OR TRK
CONT UNITS ON SAMTC FR

58 57 56 55 54 53 52 51

TS(A) ON CONN CONT & PREF REL
UNIT FOR AMA RECORDERS OR TRK
CONT UNITS ON SAMTC FR

SEE NOTE 2

UNIT	1ST	2ND	3RD
RCDR NO. OR TRK CONT	13	16	19
	12	15	18
	11	14	17

TRB 58 43
TRB 57 33
TRB 56 23 TO TS (A) IN SAME CAD 26
TO CAD 25 TRBI 55 18
TRBI 54 17
TRBI 53 16
52 3T (RC) REL OF 3RD CKT ON UNIT
TO CAD 29 E385 (ORTI) 51 9T (RC) REL MULT 1ST AND 2ND CIRCUITS ON UNIT
RUN ON 1ST RUN ONLY
MULT TO OTHER CAD 26

48 5B (RCR) REL OF 3RD CKT ON UNIT
47
46
TO FUSE PAN. ON FR R 45 7B
44 (RCR) REL OF 3RD CKT ON UNIT
RUN WHEN (NJ) IS NOT REQUIRED
43 6B
U
TO GRD BAR ON FR U 42 6B (RCR) REL OF 2ND CKT ON UNIT
U 41 6B (RCR) REL OF 1ST CKT ON UNIT
CI(1)
TO CAD 136 OP(1)
OP(1) 38
TO CAD 50 CI(1) 37
STRAP TO PCHG 17, TS (B)
STRAP TO PCHG 16, TS (B)
DRA-(3,6, OR 9) 36 3T (RCR) REL OF 3RD CKT ON UNIT
DRA-(2,5, OR 8) 35 3T (RCR) REL OF 2ND CKT ON UNIT
DRA-(1,4, OR 7) 34 3T (RCR) REL OF 1ST CKT ON UNIT
DR (6 OR 9)
TO CAD 29 DR(3,6, OR 9) 33 1T (RCR) REL OF 3RD CKT ON UNIT
DR(8)
DR(2,5, OR 8) 32 1T (RCR) REL OF 2ND CKT ON UNIT
DR(7)
DR(1,4, OR 7) 31 1T (RCR) REL OF 1ST CKT ON UNIT
TO CAD 27
RUN ON 2ND & 3RD UNITS ONLY
RUN ON 3RD UNIT ONLY
LOOP AT UNOCCUPIED UNIT POSITION

TS(B) ON CONN CONT & PREF REL
UNIT FOR AMA RECORDERS OR TRK
CONT UNITS ON SAMTC FR

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.
2. SEE CAD 50 FOR RECORDERS 20-29.

DRAWING ISSUE
43D JM CLK
48D RLP
70D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01- G5

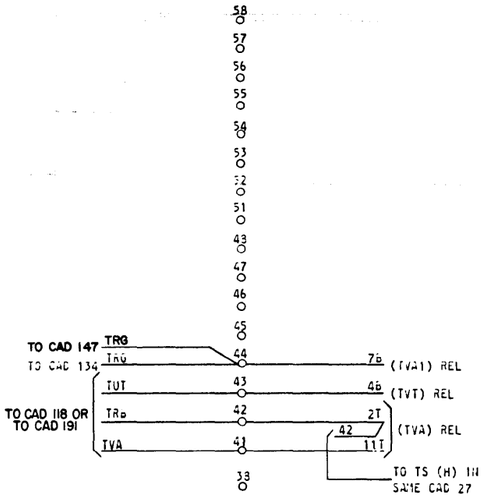
BELL TELEPHONE LABORATORIES INCORPORATED 6S

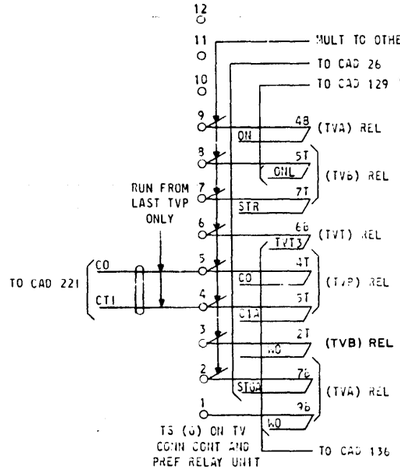
SD-25805-01-G5

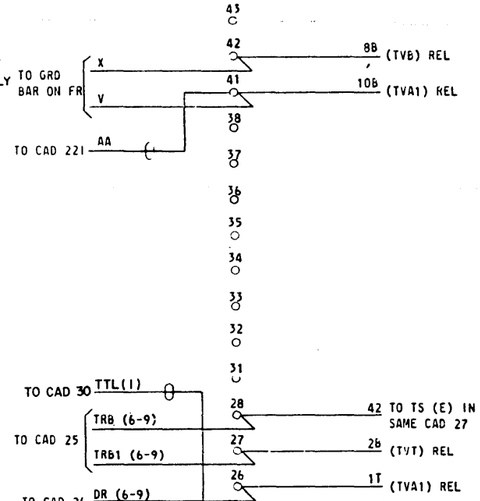
STABILO

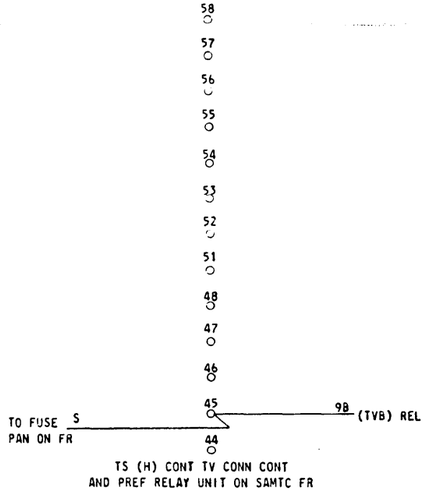
(VN) CAD 27 (A & M ONLY)

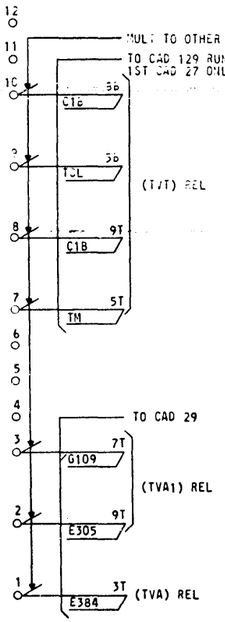
(FOR FIG. 20,21 & 25)
ONE PER TRANSVERTER (TV6-9)

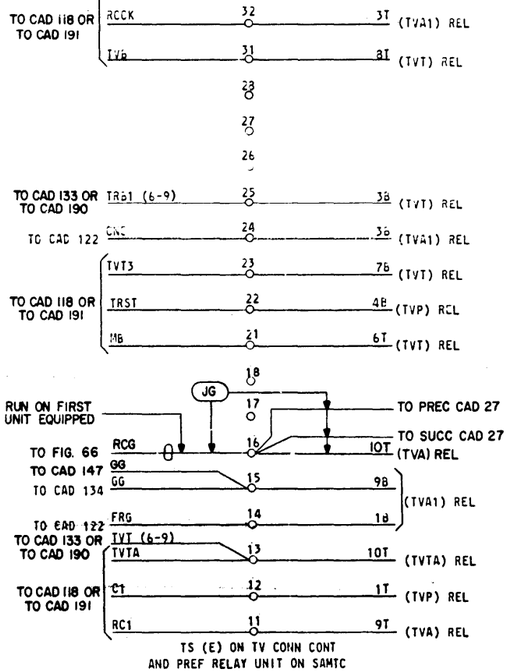












NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 EM CLK APP
70D
72A

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G52

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO

CAD 28 (A&M ONLY)

(FOR FIG. 48 & 49)

TO CAD 30 — TTL(2) — 220 — VN — 9T — (TTP1) REL

TO CAD 136 — TTL(1)

TO LINE VERIF CKT VIA MTF CONT

LTP	219		(LTP) NET.
TVS	218	8T	(LTP1) REL
TS1	217	6B	
TS	216	7B	(TTP1) REL
C1A2	215	2B	
SKT	214	3T	(TTL) REL
C1A	213	1B	
TTL1	212	2B	
C1A(1)	211	3T	(TTP1) REL
TS2	210	6B	

TO FIG. 52

TO FIG. 51

TO FIG. 52

TO FIG. 51

TS (MISC) ON AUX MTC

TTL	56		(TTL) REL
TVS	8T		(TTP0 REL

TO FIG. 68

VN CAD 29 (A&M ONLY)

LEADS TO TS (C),(E) & (G) REQUIRED ON SUPL AUX MTC ONLY (ONE PER SUPL AUX MTC)

54 — W1 — 54 — 00 — 00 — (W1)

54 — W0 — 54 — 00 — 00 — (W0)

TO CAD 17

SHOWN ON CAD 109

54 — V14 — 54 — 00 — 00 — (V14)

54 — V10 — 54 — 00 — 00 — (V10)

TO CAD 21

109 — G — G109 — TO CAD 27

SHOWN ON CAD 111

50 — G50

29 — G29 — TO MTC PER TABLE 129

TS (G) ON SUPL AUX MTC

385 — E (DRT1)E385

390 — (REC)E380

359 — DR9

TO CAD 26

351 — DR1

349 — DRA9

341 — DRA1

SHOWN ON CAD 111

305 — E305

306 — E304 — TO CAD 27

139 — E139

133 — E133 — TO MTC PER TABLE 129

TS (L) ON SUPL AUX MTC

54 — V9 — 54 — 00 — 00 — 54 — 54 — 14 — 00 — 00 — V9

TO CAD 25

54 — V8 — 54 — 00 — 00 — (V8)

SHOWN ON CAD 109

54 — V5 — 54 — 00 — 00 — (V5)

TO CAD 19

54 — V4 — 54 — 00 — 00 — (V4)

54 — V0 — 54 — 00 — 00 — (V0)

TO CAD 17

TS (C) ON SUPL AUX MTC

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

PART OF CAD 30

(FOR FIG. 159, 160, 162 & 168)(ONE PER MTC)

(SEE CAD 149 FOR SWBD CABLE TO OFFICE TEST FRAME)

TO LINE VERIFICATION CKT VIA MTF CONT

SF

LTP	58	L	(LTP) REL
TVS(1)	57	11	(LTP1) REL
TVS	56	11	(TTP1) REL
TTP	55	L	(TTP) REL
TRb1(ATV1)	54	7	(TVT) REL FOR 2ND ANI TV
TRb1(ATV0)	53	7	(TVT) REL FOR 1ST ANI TV
TVT1	52		
TVTO	51		

TO MTF CONT

48

TO CAD 201 OR FIG 106 — OP1/OP2 — 47

TO CAD 221 — OP7 — 46 — U — (TVP1) REL

JY, JX — -62

TO AIOD TRANSLATOR CONN ON RR

TO AMA TRANSLATOR FR

GG(1)			
TRG(1)	45	2	(TVA1) REL FOR 2ND ANI TV
TRG(1)			
GG(1)	44	1	

CI	43	2H	(TVP1) REL
TRST	42	L	
RCCK	41	3	(TVA1) REL FOR 2ND ANI TV
TRb	38	3	(TVA) REL FOR 2ND ANI TV
TVA	37	U	
TVA(1)	36		
TVB	35	9	
TVB(1)			

TO ANI TV (1) OR TO PROGRAM CONTROLLED TRANSVERTER CKT

TO CAD 201

SE TO CAD 150 ON AUX MTC

TRB(1)	34	7B	
TRBI(1)			
Mb1	33	11	(TVT) REL FOR 2ND ANI TV
MB	32	11	
TVTA	31	U	
TVTI(ATV)	23		

TO ANI TV (1) OR TO PROGRAM CONTROLLED TRANSVERTER CKT

TO CAD 198

TRG (O)	27		
GG (O)	26		
TRG(O)	25	2	(TVA1) REL FOR 1ST ANI TV
GG(O)	24	1	

TO AIOD TRANSLATOR CONN ON RR

TO AMA TRANSLATOR FR

CI	23	2H	(TVPL) REL
TRST	22	L	
RCCK	21	3	(TVA1) REL FOR 1ST ANI TV
TRb	18	3	(TVA1) REL FOR 1ST ANI TV
TVA	17	U	
TVA(O)	16		
TVB	15	9	
TVB(O)	14	7B	
Mb1	13	11	(TVT) REL FOR 1ST ANI TV
MB	12	11	
TVTA	11	U	

TO ANI TV (1) OR TO PROGRAM CONTROLLED TRANSVERTER CKT

TO CAD 201

SE TO CAD 150 ON AUX MTC

TRB (O)			
TRBI(O)			
TVTO(ATV)			

TO CAD 198

TS (A) ON MTC CONT & PREF. REL UNIT FOR ANI TV

ISSUE 430 PEC 700 72A

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G53

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

PRINTED IN U.S.A.

STABILO

PART OF CAD 30

(FOR FIG. 159, 160, & 162, 168)
(ONE PER MTC)
(SEE CAD 149 FOR SWBD CABLE TO OFFICE TEST FR)

RUN FROM LAST (TVPO) ONLY

TO CAD 221 — CO
TO CAD 51 — 27
(SE) TO CAD 150 ON AUX MTC — A95 / CI / OP
TO CAD 15 OR 27 OR FIG. 67 — TTL(1)
TO CAD 28 OR 131 OR FIG. 68 — TTL(2)
TO CAD 221 — CI
TO CAD 101 ON MTC — G109, E351, E350, E305, E304, E306
(SF) TO FIG. 60 ON MTC (A&M ONLY)
(SF) TO FIG. 52 ON MTC (A & M ONLY) — A24, A23, A22, A21, A20, A15, A18, A17, A16, A15, A14, A13, A12, A07, A06, A05, A04, A03, A02, A01, A00
(SF) TO CAD 101 ON MTC OR (SE) TO CAD 150 ON AUX MTC
TO CAD 221 — CTI
(SF) TO FIG. 52 ON MTC (A & M ONLY)
(SF) TO FIG. 51 ON MTC (A & M ONLY)
(SF) TO FIG. 88 ON MTC (A & M ONLY) — TTL

TVT, DR1, DRO, TM, TV, TS1, TS2, C1A(1), TS, C1T, TCL, C1B, TM, C1A2, C1A, TTL1, SKT, ON, ONL, RT1, RT, OP, PR1, STR, C1A(3)

53	4M		
52	2		(TVPO) REL
51	6B		
48	6		(TVT) REL FOR 1ST ANI TV
47	6B		(TVT) REL FOR LAST ANI TV
46	2		(TVP1) REL
45	11		(TVA1) REL FOR 1ST ANI TV
44	9		(TVA1) REL FOR 1ST ANI TV
43	9		(TVA1) REL FOR 1ST ANI TV
42	12		
41	11		(TVA) REL FOR 1ST ANI TV
38	10		
37			
36			
35	1		(LTP1) REL
34	1		
33	12D		(TTP1) REL
32	1M		
31	2		
28	3M		(TVT) REL FOR 1ST ANI TV
27	9M		
26	10M		
25	7		
24	7B		(TTL) REL
23	2		(TTP1) REL
22	4B		(TTL) REL
21	2		(TVA) REL FOR 1ST ANI TV
18	1C		(TVA1) REL FOR 1ST ANI TV
17	U		(RT1) REL
16	U		(RT) REL
15	6B		(TTP) REL
14	2B		(LTP) REL
13	8B		(TTL) REL
12	8		(TVB) REL
11	2		(TTP) REL
4			(TVPO) REL

TS(B) ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV

FR LC (62)

TO FR GRD BAR — "AA" GRD
TO CAD 221 — AA
TO FR GRD BAR

38			
37	6M		(TVP1) REL
36			
35			
V1(1)	34	2	(TVB) REL FOR 2NC ANI TV
VO(1)	33	1	
V1(1)	32	2	(TVB) REL FOR 1ST ANI TV
VO(0)	31	1	
TRB-	28	2 10M	(RT) REL
TRB-	27	1 8M	
TRB-	26	0 6M	
TRBI-	25	2 10M	(RT1) REL
TRBI-	24	1 8M	
TRBI-	23	0 6M	
22			
21			
AB	18		
"AB" BAT.	17	L	(RTI) REL
"AA" BAT.	16		
15			
"AC" GRD	14	2M	(RTI) REL
"AB-1" GRD	13	1M	(TVB) REL FOR 2ND ANI TV
"AB-0" GRD	12	1M	(TVB) REL FOR 1ST ANI TV
"AA" GRD	11	U	(TVP1) REL

TO CAD 31 ON MA TST CONN UNIT FOR ANI TV
TO FRAME FUSE PANEL
TO FRAME GRD BAR
TO CAD 221 — OP
-62

TS(C) ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV

58 / 57 / 56 / 55 / 54

TS(B) ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV

FR LC SWBD CA

58			
57			
56			
FRG(1)	55	5	
CNG(1)	54	4	(TVA1) REL FOR 2ND ANI TV
SG(1)	53	3	
TM(1)	52	10	(TVT) REL FOR 2ND ANI TV
TVT(1)	51	3	
17	48	6B	
47			
46			
FRG(0)	45	5	
CNG(0)	44	4	(TVA1) REL FOR 1ST ANI TV
SG(0)	43	3	
TM(0)	42	10	(TVT) REL FOR 1ST ANI TV
TVT(0)	41	3	

TO ANI TV CONN
TO ANI TV OR PCTV CKT VIA ANI TV CONN
TO ANI TV OR PCTV CKT
TO CAD 51

TS(C) ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE: 43D, 52D, 70D, 72A

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G54
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-G54

CAD 31

(FOR FIG. 161, CONTACT SIDE
FOR LEAD DESIGNATIONS SEE TABLE 5E
(ONE PER ANI TV)

TO ANI TV CONN
TO DAS CKT VIA ANI TV CONN CKT

OFF1 21
OFF0 20
TO ANI TV FR — H7 — H7 14
OFF9 13
OFF8 12
OFF7 11
OFF6 10 (V1) REL

G7 — G7 04
G4 — G4 03
G2 — G2 02
G1 — G1 01
G0 — G0 00

F7 — E7 54
F4 — F4 53
F2 — F2 52
F1 — F1 51
F0 — F0 50
E7 — E7 44
E4 — E4 43
E2 — E2 42
E1 — E1 41
E0 — E0 40
D7 — D7 34
D4 — D4 33
D2 — D2 32
D1 — D1 31
D0 — D0 30
C7 — C7 24
C4 — C4 23 (V0) REL
C2 — C2 22
C1 — C1 21
C0 — C0 20
B7 — B7 14
B4 — B4 13
B2 — B2 12
B1 — B1 11
B0 — B0 10
A7 — A7 04
A4 — A4 03
A2 — A2 02
A1 — A1 01
A0 — A0 00

TO CAD 30 OR MA TST CONN CONT & PREF REL UNIT FOR ANI TV
V1(0 OR 1) (V3) NET.
V0(0 OR 1) (V1) NET.
AB (V3) NET.

FR LC

TO ANI TV FR

TNK 30
TRL 24

OFT2 22
OFT1 21
OFT0 20
TH9 14 (V3) REL
TH5 10
TH4 04
TH0 00

HN9 54
HN5 50
HN4 44
HN0 40
T9 34
T5 30
TO ANI TV FR — T4 24 (V2) REL
T0 20
U9 14
U5 10
U4 04
U0 00

DIST 54
SC 53
XVF 52
TM2 51
VG10 50
VG7 44
VG4 43
VG2 42
VG1 41 (V1) REL
VG0 40
FT3 34
FT2 33
FT1 32
FT0 31
OFF5 30
OFF4 24
OFF3 23
OFF2 22

TO ANI TV CONN OR DAS CKT VIA ANI TV CONN CKT
FR LC OR SWBD CA

TO ANI TV CONN OR DAS CKT VIA ANI TV CONN CKT

SW7/HG7 54
SW4/HG4 53
SW2/HG2 52
SW1/HG1 51
SW0/HG0 50
VF4 44
VF3 43
VF2 42
VF1 41
VF0 40

XTL 34
TR1T 33
DNK 32
TGR 31 (V4) REL
RPT/RP 30
TPT/TP 24
XET 23
X 22
GG 21
20
ZTR 14
ITR 13

TO ANI TV FR
NOB 12
OBS 11
TRA 10
MOA 04
CK1 03

TO ANI TV CONN OR TO PCTV CKT VIA ANI TV CONN CKT
RL 02
TR 01
TRS
XRL 00
TTT 54
TIK 52
XVG 51
TO ANI TV FR
P 50
PT 44
43
TOP 42 (V3) REL
RLA 41

TO ANI TV FR OR TO PCTV CKT
MC 40
FU7 34
FU4 33
FU2 32
FU1 31
FU0 31

FR LC OR SWBD CA

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 (AM CLK High)
70D

ISSUE 88A

MASTER TEST FRAME CONNECTOR CK1 (2) SD-25805-01-G55

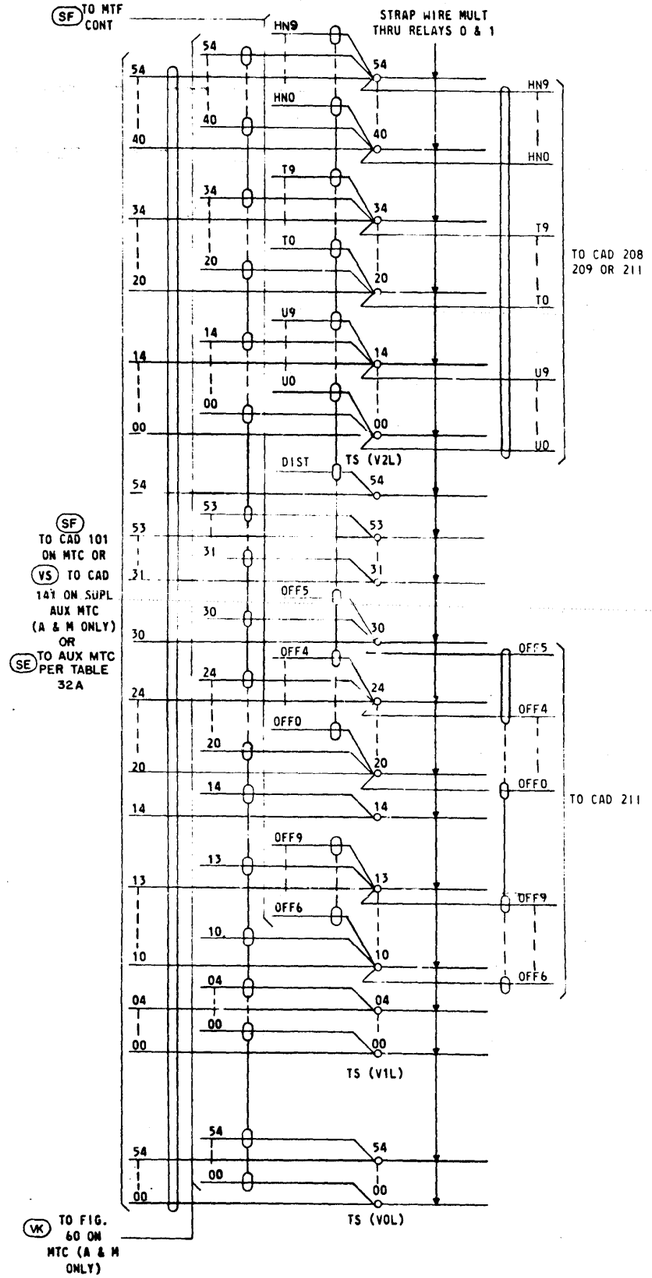
BELL TELEPHONE LABORATORIES INCORPORATED 6S

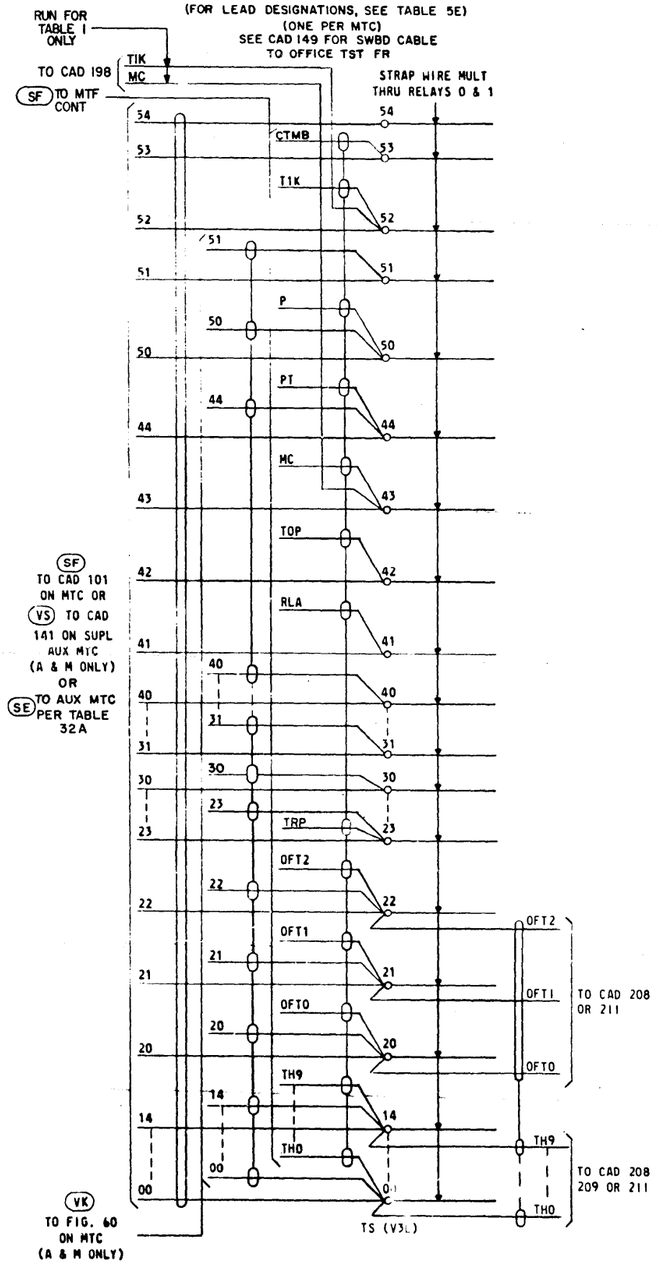
SD-25805-01-G55

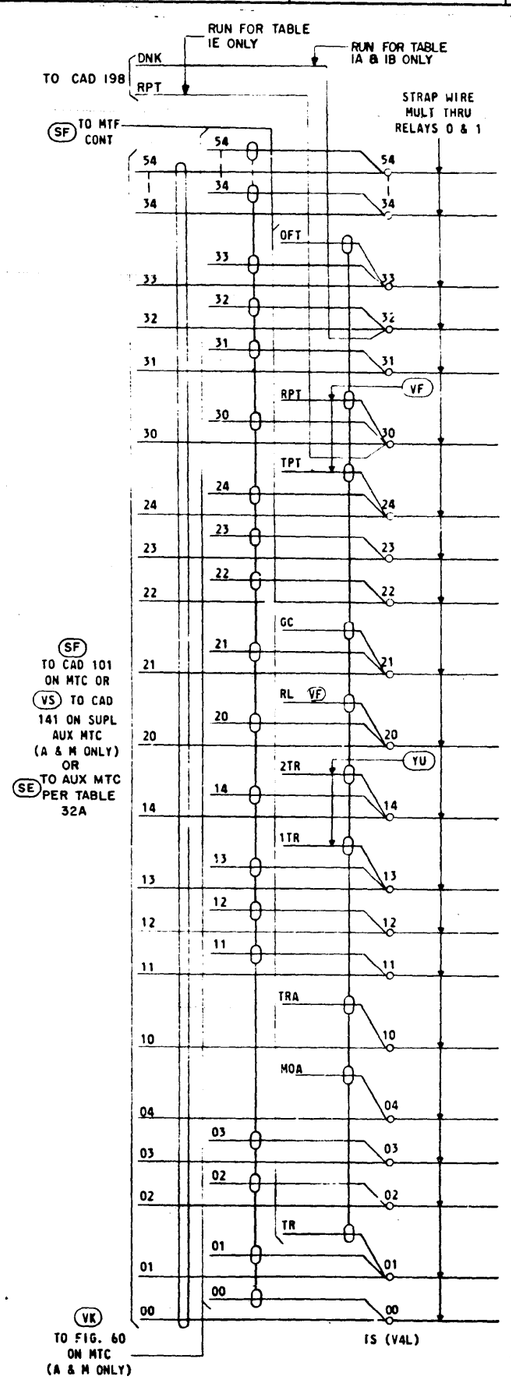
STABILO

CAD 32

(FOR F:G. 161), STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS, SEE TABLE 5E)
(ONE PER MTC)
SEE CAD 149 FOR SWBD CABLE
TO OFFICE TST FR







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 (FWD CLK and)
520 (REV and)
700

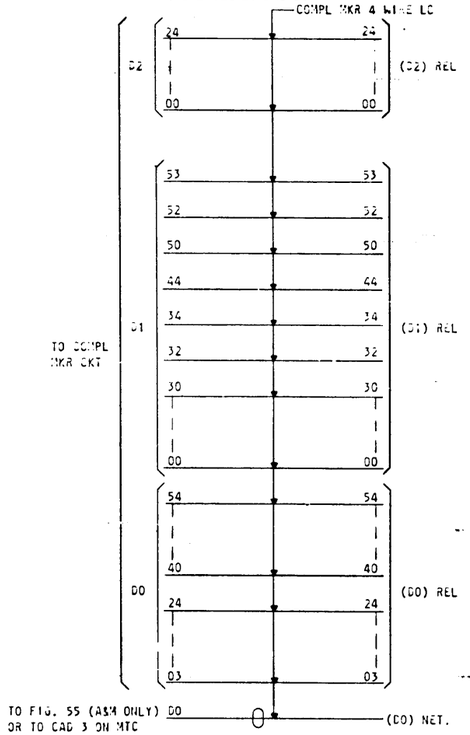
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G56
BELL TELEPHONE LABORATORIES INCORPORATED
6S

STABILO

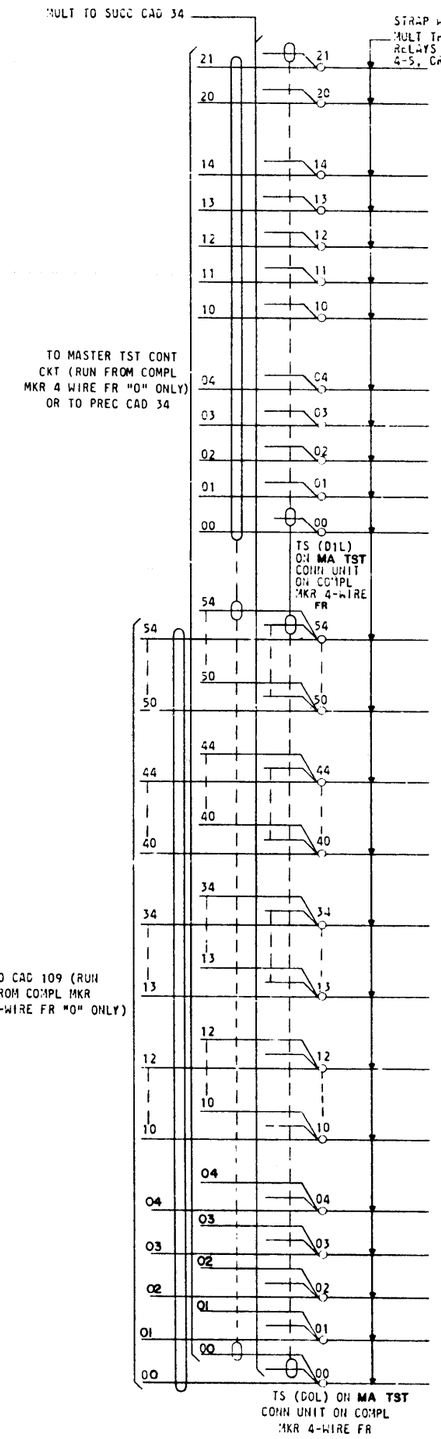
CAD 33 (MFR DISC.)

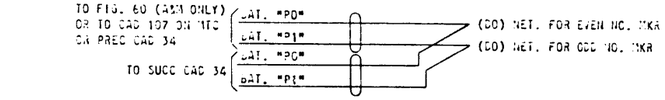
(FOR FIG. 163), CONTACT SIDE - ONE PER COMPL MKR SEE TABLE 2C FOR LEAD DESIG **(REPLACED BY CAD 38)**

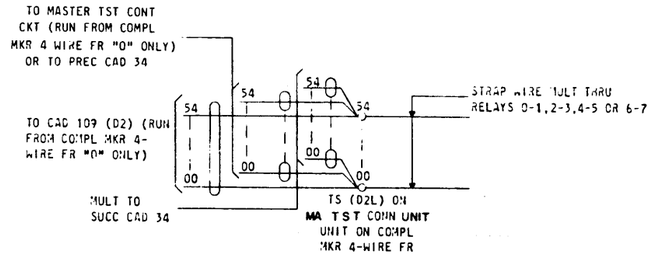


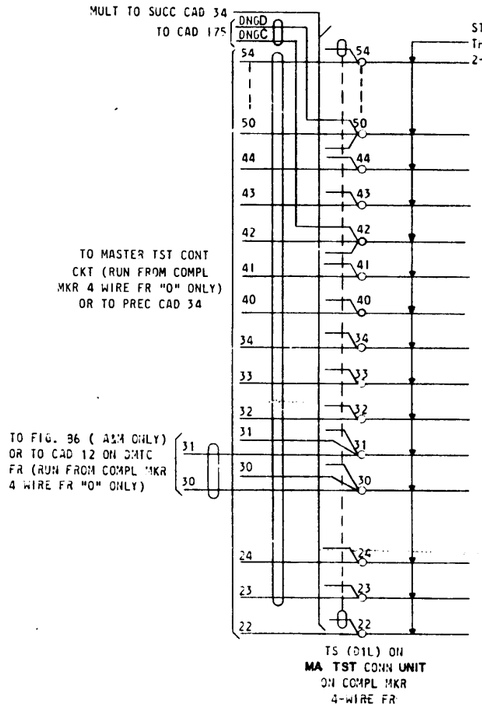
CAD 34 (MFR DISC.)

(FOR FIG. 163), STRAP WIRE SIDE ONE PER COMPL MKR 4-WIRE FR SEE TABLE 2C FOR LEAD DESIG **(REPLACED BY CAD 39)**









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 43D EM PLK AM1
700
74A
ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G57

BELL TELEPHONE LABORATORIES INCORPORATED PAGE 6S

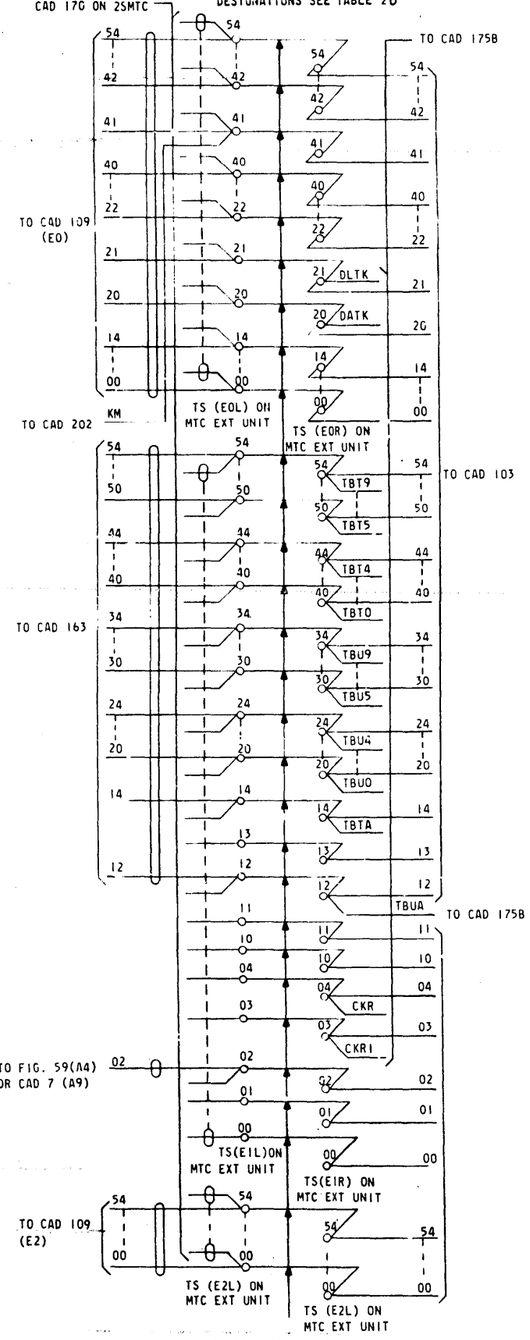
PRINTED IN U.S.A.

STABILO

SD-25805-01-G57

CAD 35

(FOR FIG. 164) STRAP WIRE SIDE ONE PER FR, FOR LEAD DESIGNATIONS SEE TABLE 20



CAD 37

(FOR FIG. 157, 165 & 166)

			35 (XSC) REL (A & M ONLY)		
A9R	41	(XSC)	2U	(XSC) REL	
	34	(U9)	2U	(U9) REL	
	33	(U8)	2L	(U8) REL	
	32	(U7)	2U	(U7) REL	
	31	(U6)	2L	(U6) REL	
	30	(U5)	2U	(U5) REL	
A3R	34	(U4)	2L	(U4) REL	
	33	(U3)	2U	(U3) REL	
	32	(U2)	2L	(U2) REL	
	31	(U1)	2U	(U1) REL	
	30	(U0)	2L	(U0) REL	
A9R	24	(T9)	2U	(T9) REL	
	23	(T8)	2L	(T8) REL	
	22	(T7)	2U	(T7) REL	
	21	(T6)	2L	(T6) REL	
	20	(T5)	2U	(T5) REL	
A3R	24	(T4)	2L	(T4) REL	
	23	(T3)	2U	(T3) REL	
	22	(T2)	2L	(T2) REL	
	21	(T1)	2U	(T1) REL	
	20	(T0)	2L	(T0) REL	
A9R	14	(HN9)	2U	(HN9) REL	
	13	(HN8)	2L	(HN8) REL	
	12	(HN7)	2U	(HN7) REL	
	11	(HN6)	2L	(HN6) REL	
	10	(HN5)	2U	(HN5) REL	
A8R	14	(HN4)	2L	(HN4) REL	
	13	(HN3)	2U	(HN3) REL	
	12	(HN2)	2L	(HN2) REL	
	11	(HN1)	2U	(HN1) REL	
	10	(HN0)	2L	(HN0) REL	

TO CAD 7

A & M ONLY

A1R	51	(EF)	2L	(EF) REL	11M
	50	(RF)	2U	(RF) REL	12M
	44	(JC9)	2U	(JC9) REL	10M
	43	(JC8)	2L	(JC8) REL	9M
	42	(JC7)	2U	(JC7) REL	8M
	41	(JC6)	2L	(JC6) REL	7M
	40	(JC5)	2U	(JC5) REL	6M
A0R	44	(JC4)	2L	(JC4) REL	5M
	43	(JC3)	2U	(JC3) REL	4M
	42	(JC2)	2L	(JC2) REL	3M
	41	(JC1)	2U	(JC1) REL	2M
	40	(JC0)	2L	(JC0) REL	1M

(MTRA) REL

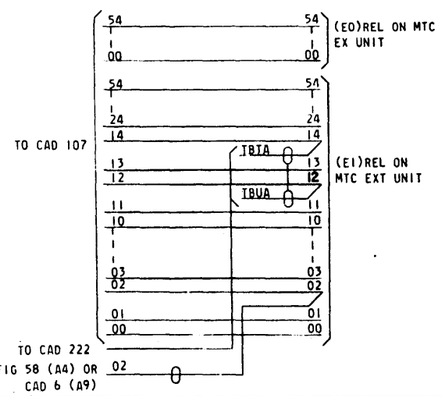
B6L	30	(TCA)	9T		
B3L	53	(INC)	6B		
	44	(PCD1)	3T	(TCA) REL	
	43	(PCD)	4B		
	42	(PCR)	5T		
	41	(XSC)	1B	(XSC) REL (A&M ONLY)	
A9	41	(XSC)	10	(XSC) REL	
	34	(U9)	10	(U9) REL	
	33	(U8)	1	(U8) REL	
	32	(U7)	10	(U7) REL	
	31	(U6)	1	(U6) REL	
	30	(U5)	10	(U5) REL	
	34	(U4)	1	(U4) REL	
	33	(U3)	10	(U3) REL	
A8	32	(U2)	1	(U2) REL	
	31	(U1)	10	(U1) REL	
	30	(U0)	1	(U0) REL	
	24	(T9)	10	(T9) REL	
A9	23	(T8)	1	(T8) REL	
	22	(T7)	10	(T7) REL	
	21	(T6)	1	(T6) REL	
	20	(T5)	10	(T5) REL	

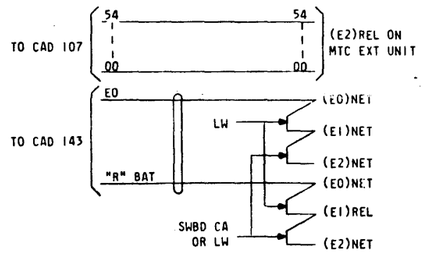
TO CAD 109

A8	24	(T4)	1	(T4) REL	
	23	(T3)	10	(T3) REL	
	22	(T2)	1	(T2) REL	
	21	(T1)	10	(T1) REL	
	20	(T0)	1	(T0) REL	
A9	14	(HN9)	10	(HN9) REL	
	13	(HN8)	1	(HN8) REL	
	12	(HN7)	10	(HN7) REL	
	11	(HN6)	1	(HN6) REL	
	10	(HN5)	10	(HN5) REL	
A8	14	(HN4)	1	(HN4) REL	
	13	(HN3)	10	(HN3) REL	
	12	(HN2)	1	(HN2) REL	
	11	(HN1)	10	(HN1) REL	
	10	(HN0)	1	(HN0) REL	
A1	51	(EF)	10	(EF) REL	
	50	(RF)	1	(RF) REL	
	44	(JC9)	10	(JC9) REL	
	43	(JC8)	1	(JC8) REL	
	42	(JC7)	10	(JC7) REL	
	41	(JC6)	1	(JC6) REL	
	40	(JC5)	10	(JC5) REL	
A0	44	(JC4)	1	(JC4) REL	
	43	(JC3)	10	(JC3) REL	
	42	(JC2)	1	(JC2) REL	
	41	(JC1)	10	(JC1) REL	
	40	(JC0)	1	(JC0) REL	
B3	41	(EX)	2	(EXB) REL	
B3	23	(SEF)	10	(SEF) REL	
B3	53	(INC)	7B		
	44	(PCD1)	4T	(TCA) REL	
	43	(PCD)	5B		
	42	(PCR)	6T		
A2	13	(EXG)	2B	(EXG) REL	
	12	(EXB)	2L		
TO CAD 7 B3L	42	(EXG)			
	41	(EXB)			

CAD 36

(FOR APP FIG 164) CONTACT SIDE, ONE PER COMPL MKR, FOR LEAD DESIGNATIONS SEE TABLE 20)





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	FOR CLI AND
45D	JB 2M AND
50AC	2M
66D	FOR
69A	
70D	
73D	
75D	

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G58

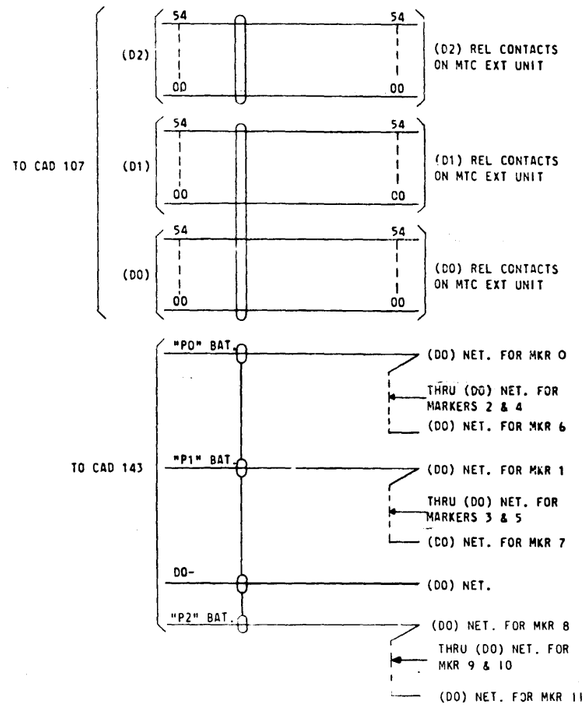
BELL TELEPHONE LABORATORIES INCORPORATED 6S

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STABILO

CAD 38

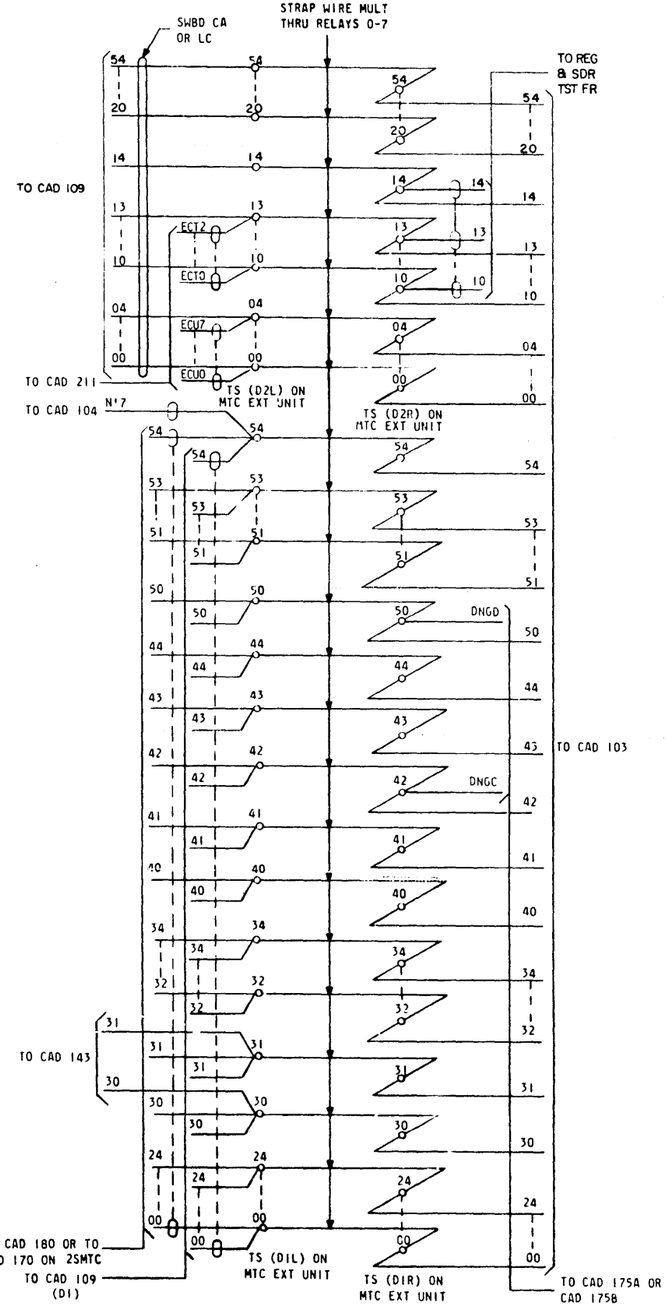
(FOR FIG.163) CONTACT SIDE
ONE PER COMPL MKR
SEE TABLE 2C FOR LEAD DESIGNATIONS

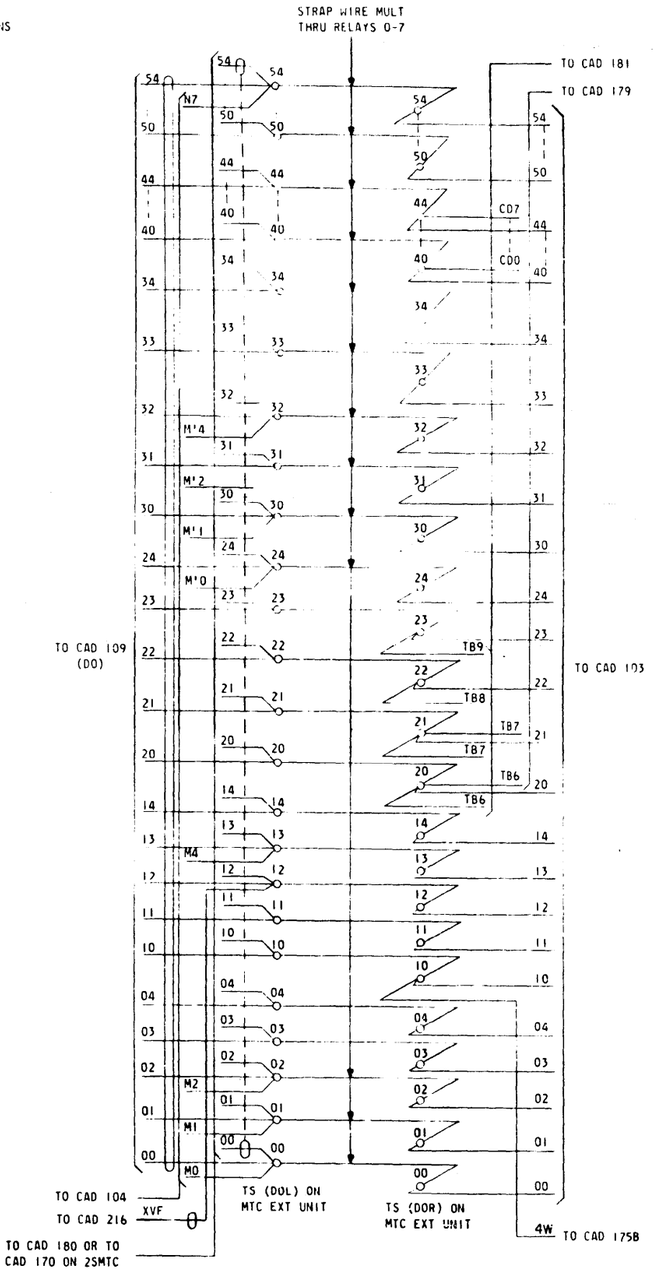


NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE 61A.

CAD 39

(FOR FIG. 163) STRAP WIRE SIDE
ONE PER MTC
SEE TABLE 2C FOR LEAD DESIGNATIONS





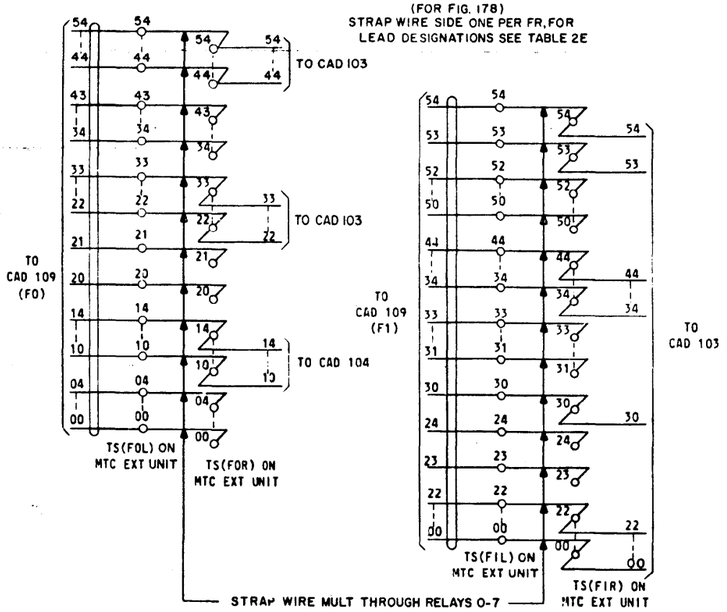
DRAWING ISSUE	
43D	
52D	
56D	
70D	
71D	
74A	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G59
BELL TELEPHONE LABORATORIES INCORPORATED
SIZE 6S

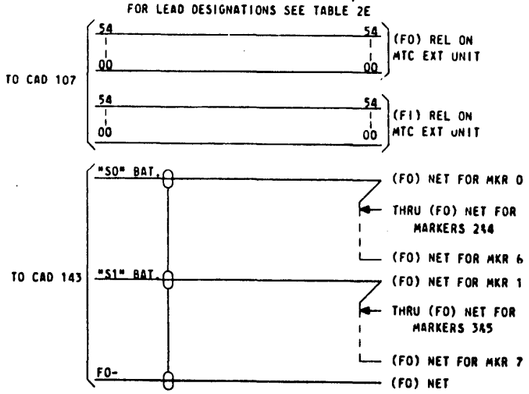
CAD 40

(FOR FIG. 178)
STRAP WIRE SIDE ONE PER FR, FOR LEAD DESIGNATIONS SEE TABLE 2E



CAD 41

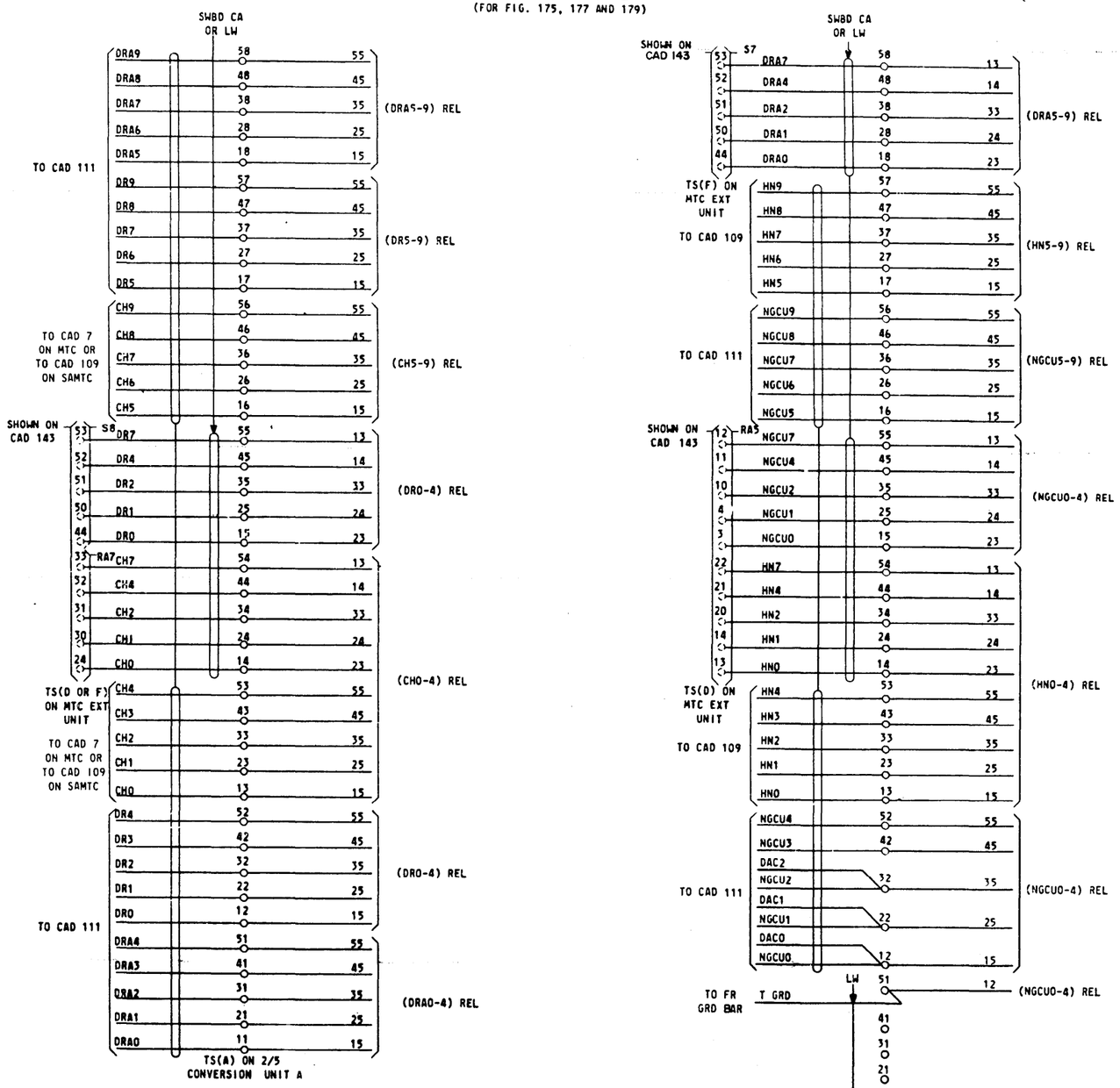
(FOR FIG. 178)
CONTACT SIDE, ONE PER COMP MKR,
FOR LEAD DESIGNATIONS SEE TABLE 2E



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

PART OF CAD 42

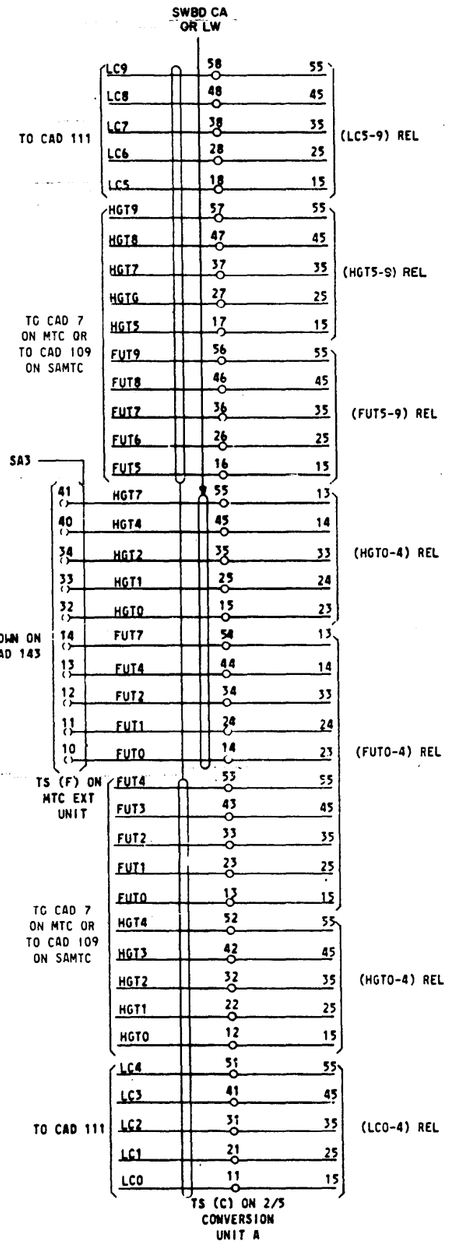
(FOR FIG. 175, 177 AND 179)

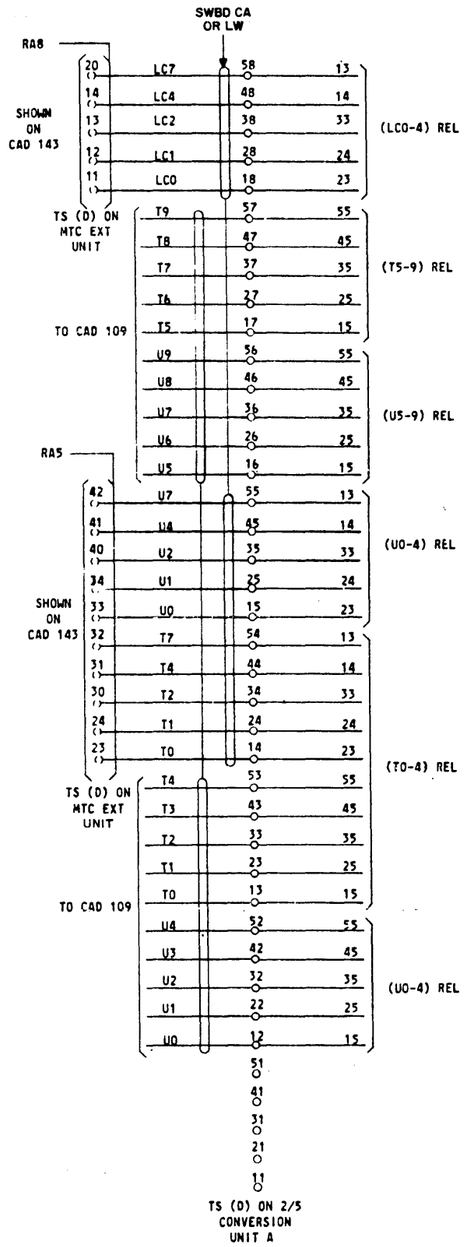


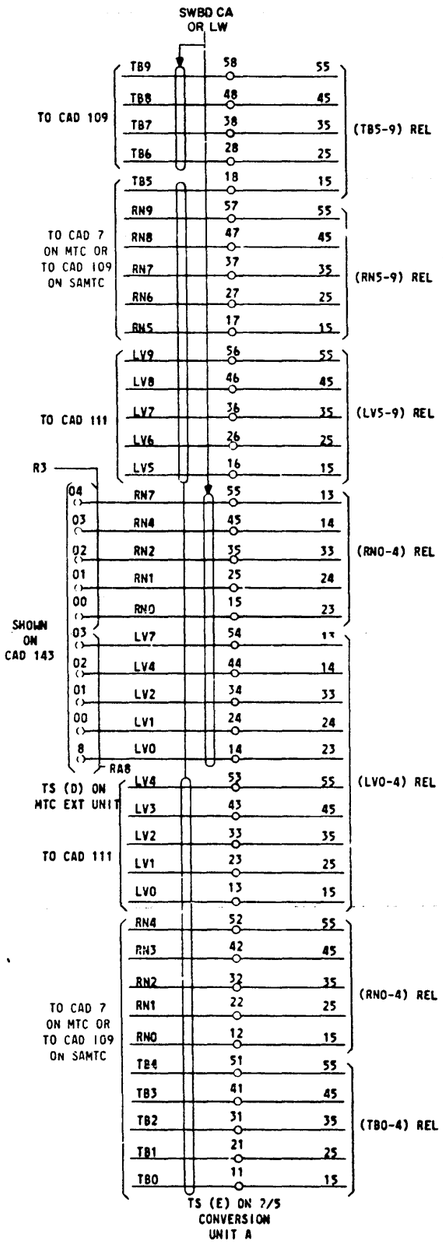
DRAWING ISSUE	
52D	DM
53AR	FLS
55D	JLF
59D	LEA
64D	CH
70D	
75D	

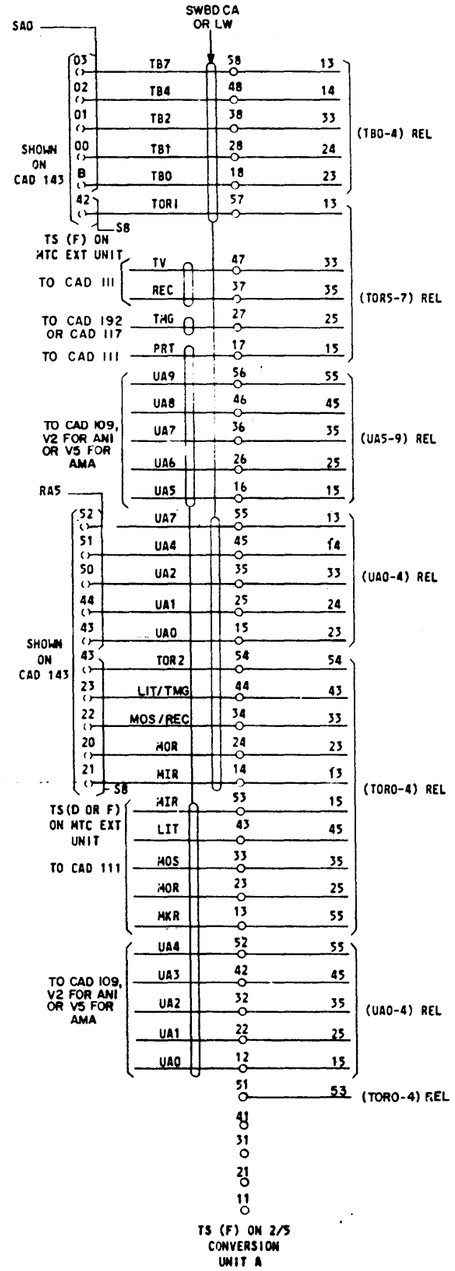
PART OF CAD 42

(FOR FIG. 175, 177, & 179)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

52D	JGC PPM AMA
53AR	TM LW AMA
70D	
75D	

ISSUE 85D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G61

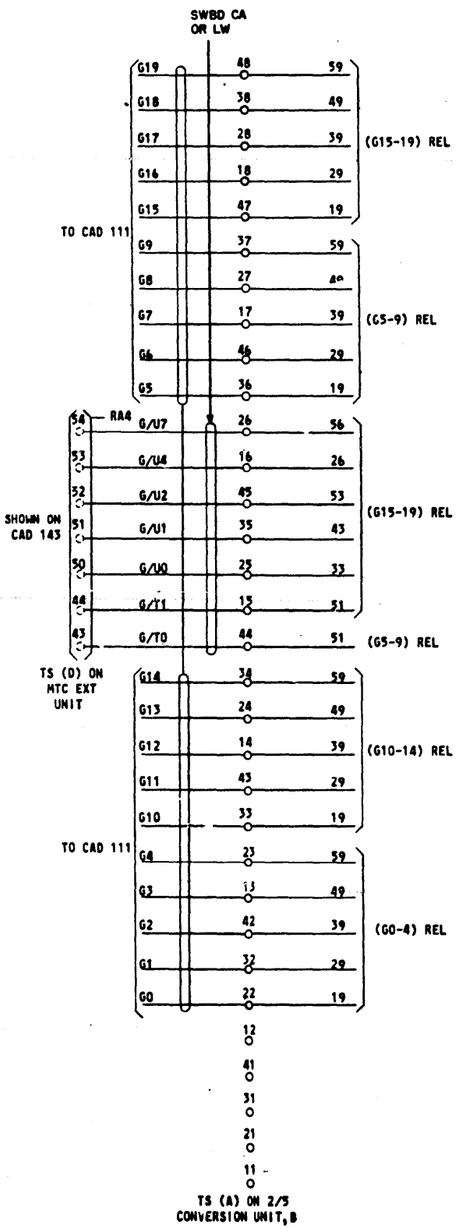
BELL TELEPHONE LABORATORIES INCORPORATED

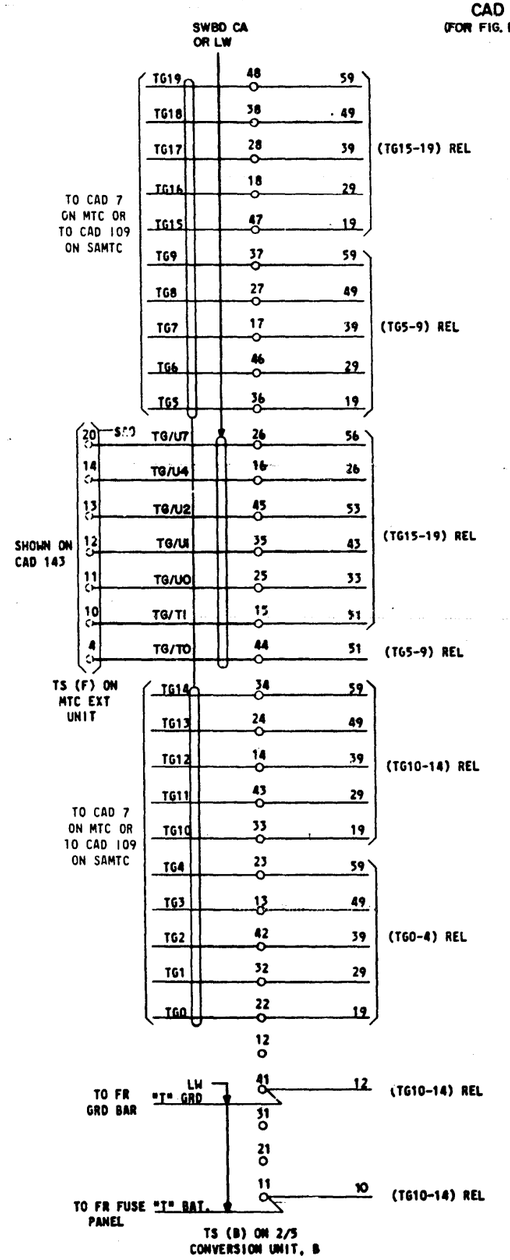
6S

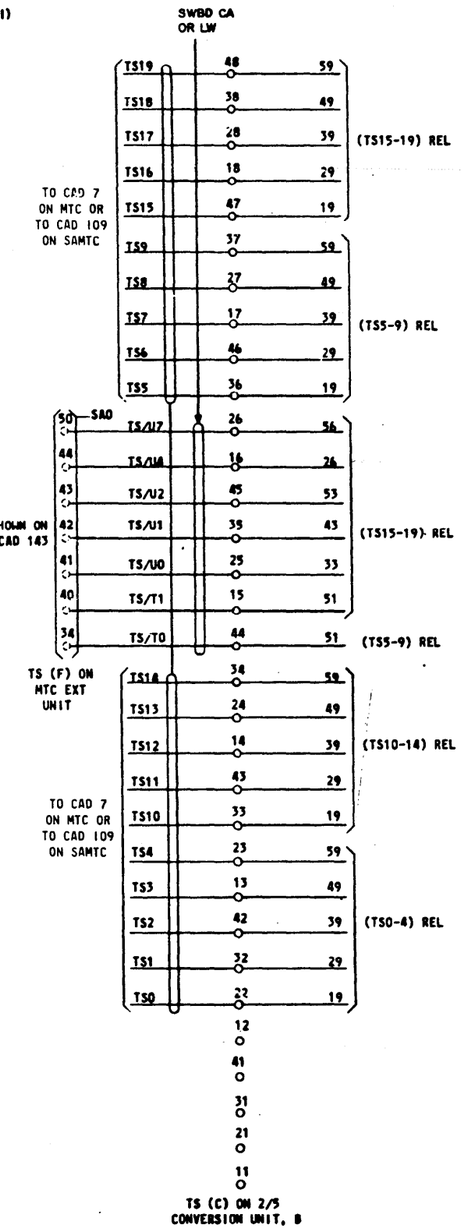
STABILO

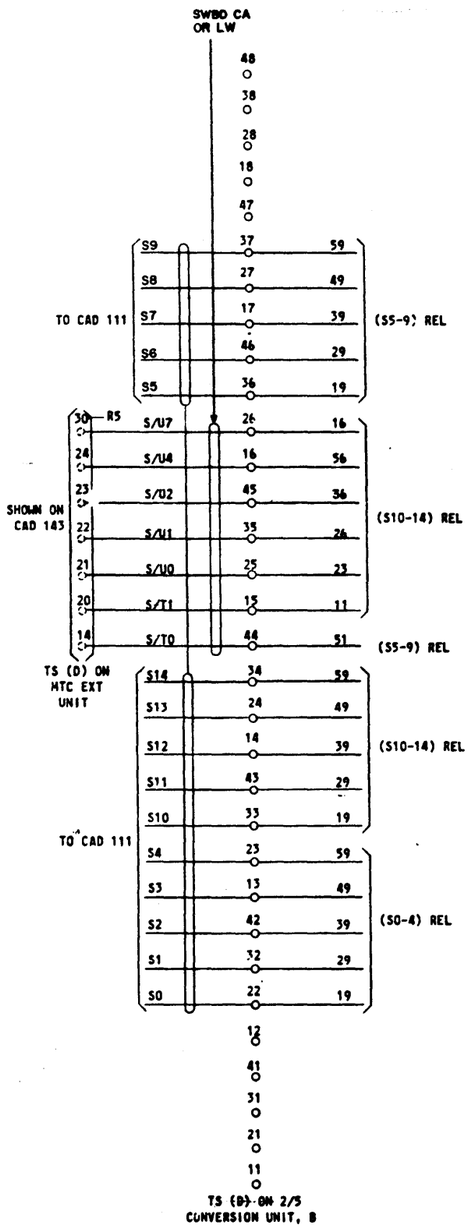
SD-25805-01-G61

CAD 43
(FOR FIG. 170, 171)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM, SEE GIA.

DRAWING ISSUE
52D
70D
75D

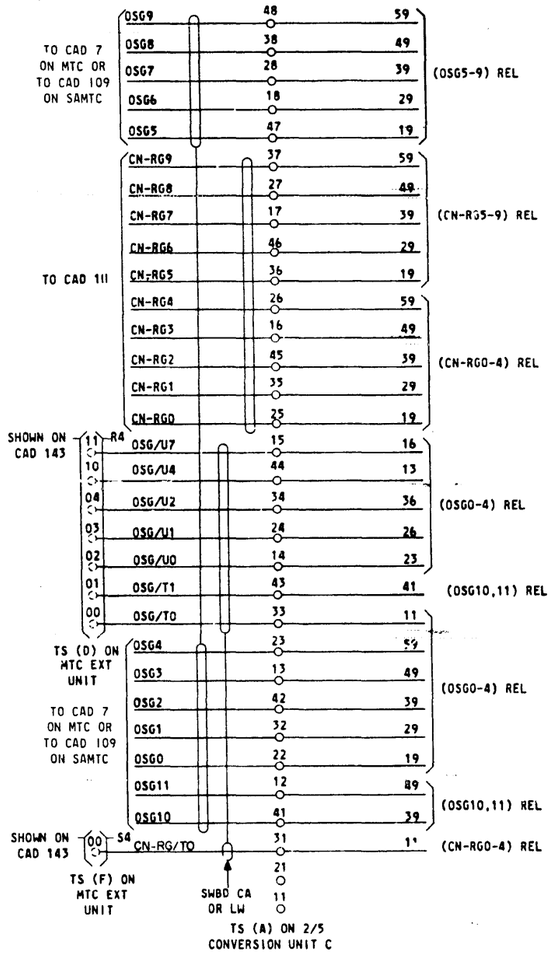
75

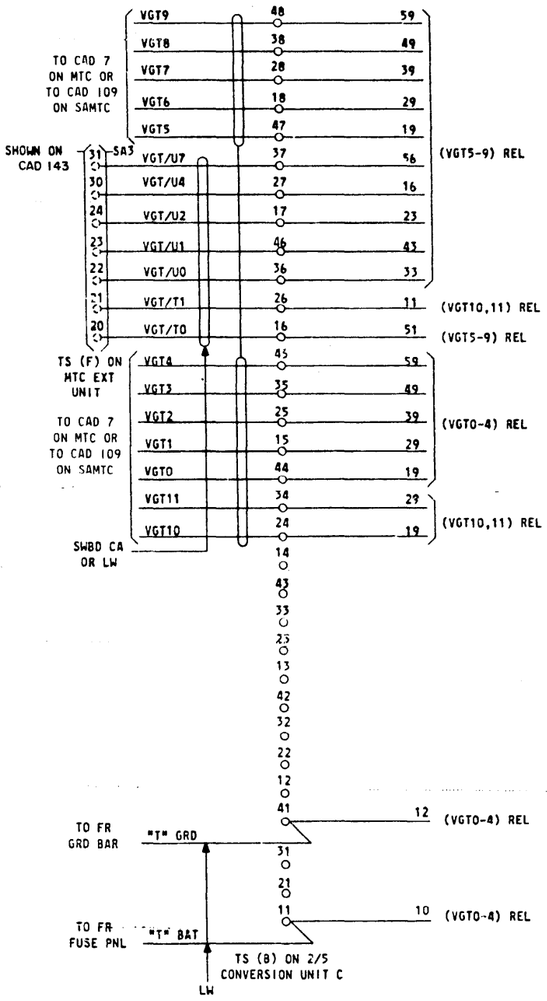
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G62

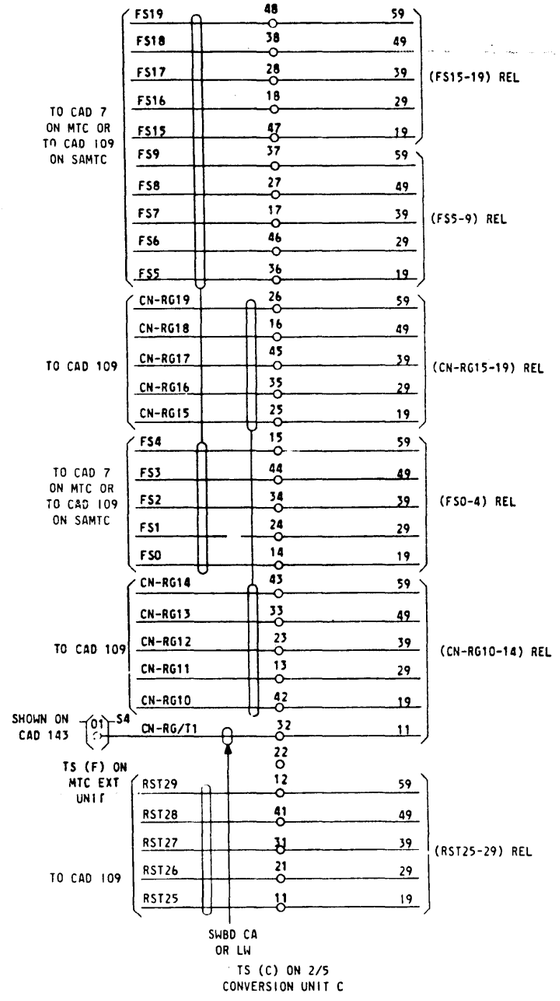
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G62

PART OF CAD 44
(FOR FIG. 169, 172, 173 AND 174)







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
52D DM PCH 4-72
70D
75D

ISSUE 77D

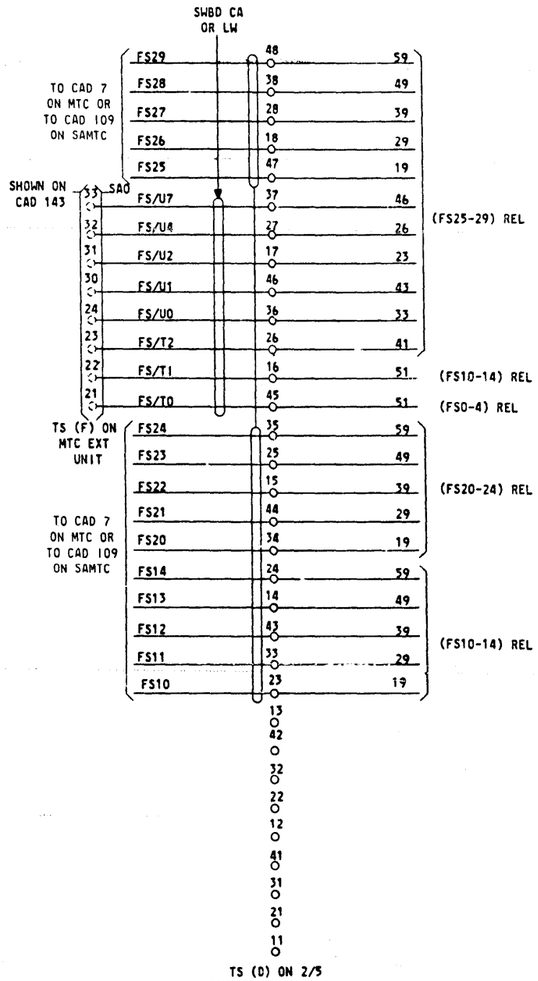
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G63

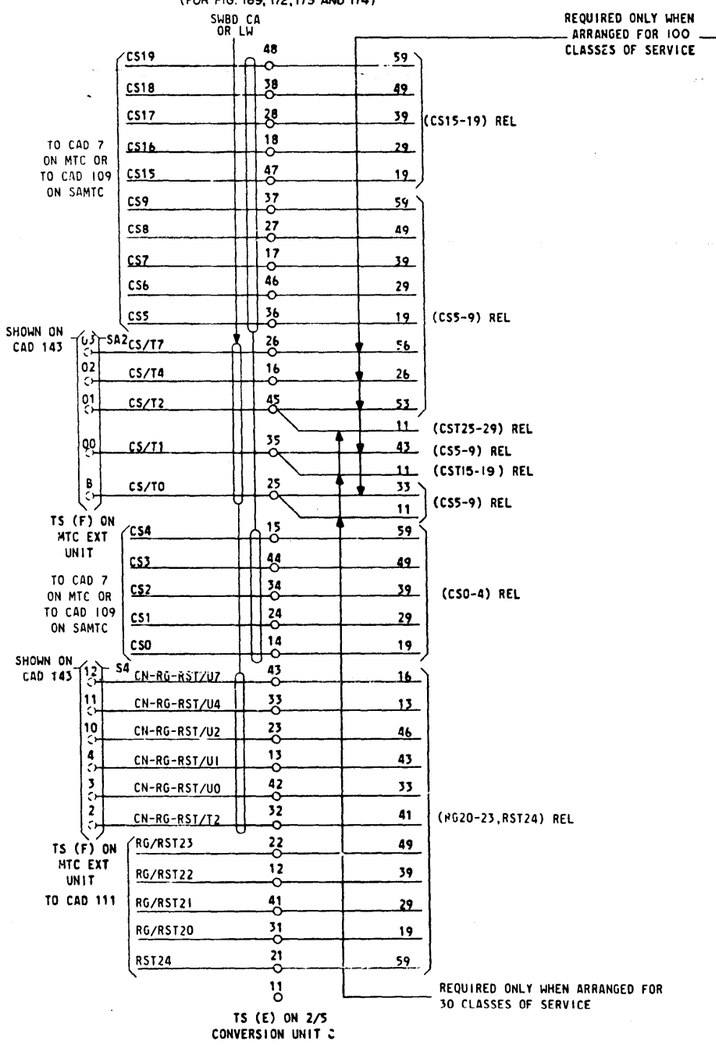
BELL TELEPHONE LABORATORIES INCORPORATED 6S

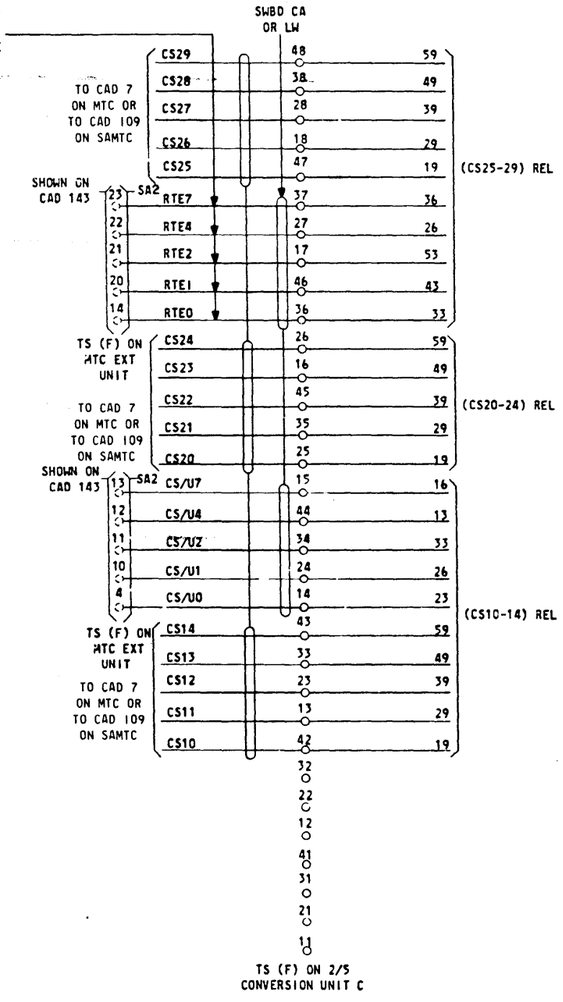
SD-25805-01-G63

STABILO DAVIS PRINT, INC.

PART OF CAD 44
(FOR FIG. 169, 172, 173 AND 174)







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
52D DM PEM AND
70D
75D

ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT (2)
BELL TELEPHONE LABORATORIES INCORPORATED
SD-25805-01-G64
6S

SD-25805-01-G64

STABILO

CAD 45 (MFR DISC.)

TO CAD 112

P2-1	29	T	(A10-1) REL
P1-1	28	T	(B8-1) REL
P0-1	27	T	(B3-1) REL
PZ-0	26	T	(A10-0) REL
P1-0	25	T	(B8-0) REL
P0-0	24	T	(B3-0) REL
TSGB	23		
TSGA	22		
RSGB	21		
RSGA	20		
WCH9	19		(WCH9) REL
WCH8	18		(WCH8) REL
WCH7	17		(WCH7) REL
WCH6	16		(WCH6) REL
WCH5	15		(WCH5) REL
WCH4	14		(WCH4) REL
WCH3	13		(WCH3) REL
WCH2	12		(WCH2) REL
WCH1	11		(WCH1) REL
WCH0	10		(WCH0) REL
WL9	09		(WL9) REL
WL8	08		(WL8) REL
WL7	07		(WL7) REL
WL6	06		(WL6) REL
WL5	05		(WL5) REL
WL4	04		(WL4) REL
WL3	03		(WL3) REL
WL2	02		(WL2) REL
WL1	01		(WL1) REL
WL0	00		(WL0) REL

TO CAD 46

TS(A)ON MTC FR

WB02	54	
E223	53	
E229	52	
E200	51	
E228	50	
WB11	44	
WB01	43	
E323	42	
RSMK	41	
E302	40	
E395	34	
WL9	33	
WL8	32	
WL7	31	
WL6	30	
WL5	24	
WL4	23	
WL3	22	
WL2	21	
WL1	20	
WL0	14	
WMXT	13	
WB10	12	
E384	11	
WR00	10	
PKI	04	
	03	
	02	
	01	
	00	

TO CAD 111

TO CAD 109 RSMK

TO CAD 111 E302, E395

TO CAD 109 WMXT

TO CAD 111 WB10, E384, WR00

TO CAD 104 PKI

TO CAD 45 ON MTC OR TO CAD 49

STRAP WIRE MULT THRU RELAYS P0-0,1

TS (POR) ON WB BS AMTC UNIT

WCH9	54	
WCH8	53	
WCH7	52	
WCH6	51	
WCH5	50	
WCH4	44	
WCH3	43	
WCH2	42	
WCH1	41	
WCH0	40	
DFI	34	
BCN	33	
LSK	32	
LLCK	31	
LLC3	30	
LLC2	24	
LLCI	23	
LLCO	22	
WB12	21	
E221	20	
E220	14	
E231	13	
WB04	12	
E396	11	
E387	10	
	04	
	03	
	02	
	01	
	00	

TO CAD 45 ON MTC OR TO CAD 49

TO CAD 111

TO CAD 103

STRAP WIRE MULT THRU RELAYS P1-0,1

TS (PIR) ON WB BS AMTC UNIT

CAD 46 (MFR DISC.)

(FOR FIG. 52)

TO CAD 103

CCKI	54	
CCK	53	
OH	52	
WAT	51	
WDTF	50	
WDTI	44	
SWAT	43	
	42	
U GND	41	
CWCN	40	
WCN	34	
WBI3	33	
	32	
WCK	31	
E209	30	
WDCI	24	
WHSI	23	
WTK	22	
E389	21	
E320	20	
LXWI	14	
JXWA	13	
JXWI	12	
WB03	11	
E222	10	
LSKI	04	
WTG3	03	
WTG2	02	
WTGI	01	
WTGO	00	

TO FR FUSE PANEL

TO CAD 109 WCN

TO CAD 111 WBI3

TO CAD 109 WCK

TO CAD 111 E209

TO CAD 109 WDCI, WHSI, WTK

TO CAD 111 E389, E320

TO CAD 109 LXWI, JXWA, JXWI

TO CAD 111 WB03, E222

TO CAD 103

STRAP WIRE MULT THRU RELAYS P2-0,1

TS (P2R) ON WB BS AMTC UNIT

TSGB	23	42M	(P2-1) REL
TSGA	22	42M	(P2-0) REL
RSGB	21	41M	(P2-1) REL
RSGA	20	41M	(P2-0) REL
P21	14	T	(P2-1) REL
P11	13	T	(P1-1) REL
P01	12	T	(P0-1) REL
P20	04	T	(P2-0) REL
P10	03	T	(P1-0) REL
P00	02	T	(P0-0) REL
	00		(P2) REL

TO CAD 45

TO FR FUSE PANEL U BAT

TS (PR) ON WB BS AMTC UNIT

CAD 47

(FOR FIG. 185)

TS		(TTR3) REL
TTRP		(RTSA) REL
MKS		(T1R3) REL

TO CAD 145

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
66D RA2
68D
70D
71D
75D

ISSUE 92B

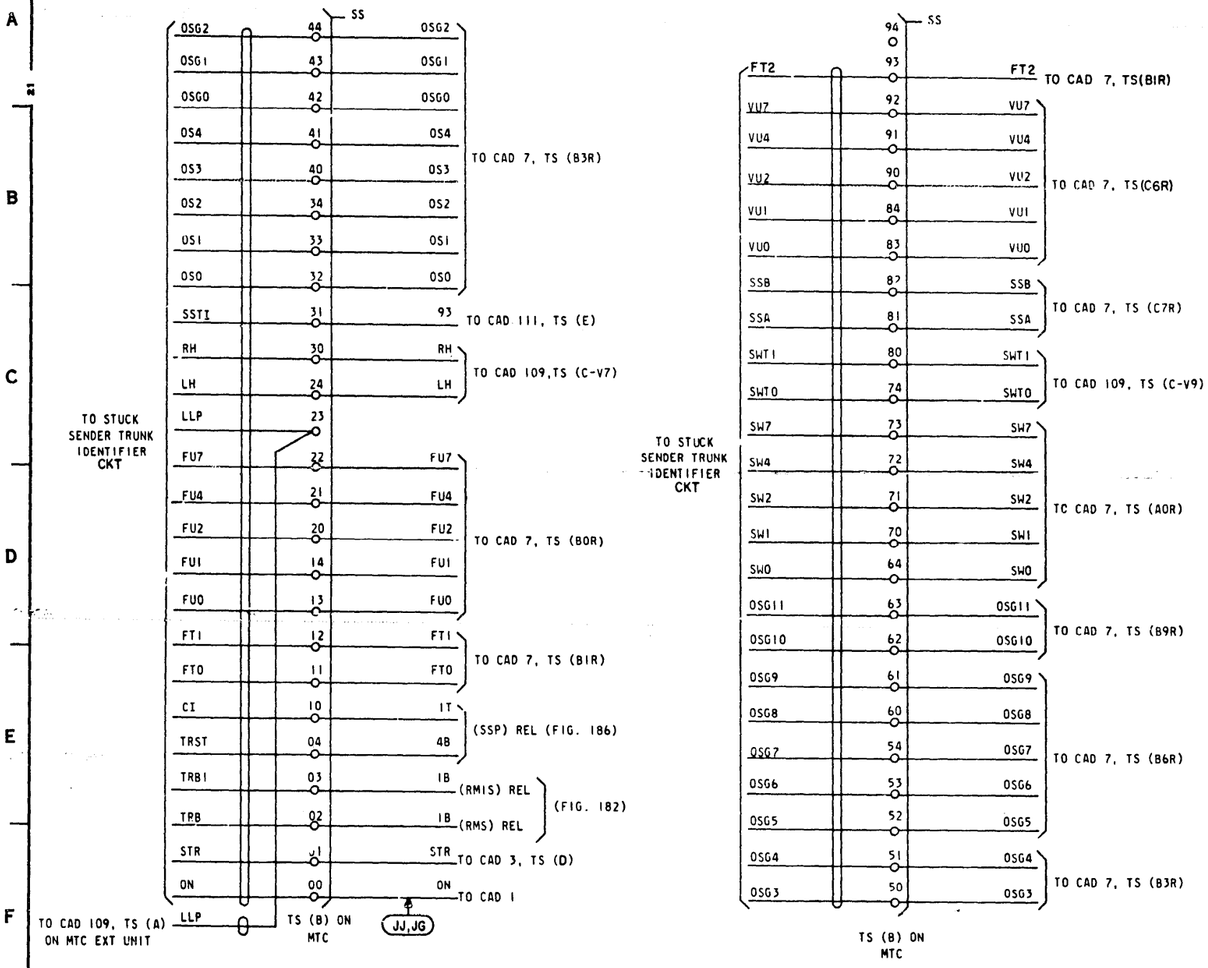
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-665

BELL TELEPHONE LABORATORIES INCORPORATED 6S

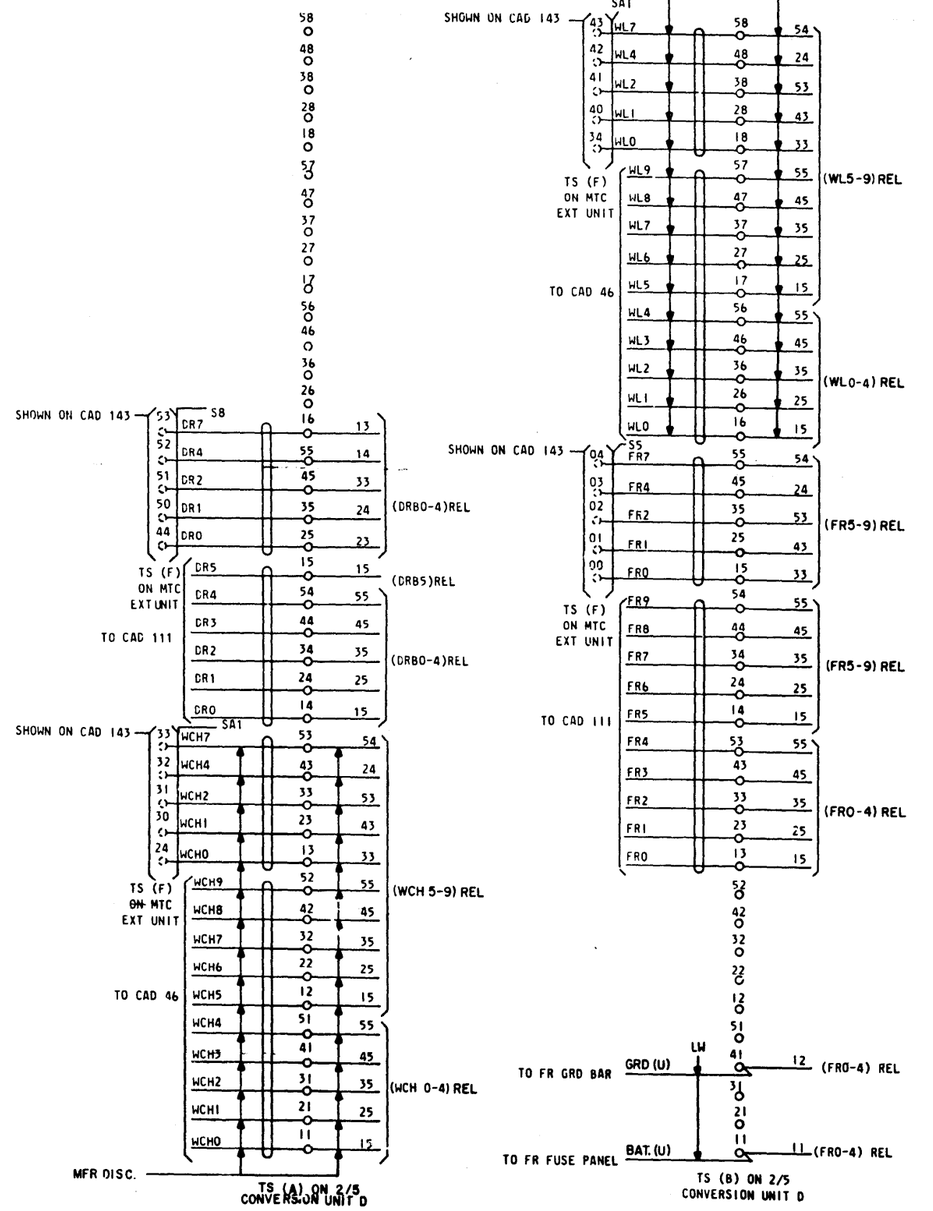
SD-25805-01-665

(08) CAD 48

SWITCHBOARD CABLE FROM MTC TO STUCK SENDER TRUNK IDENTIFIER



CAD 49



ISSUE
68D
70D
75D

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 92B

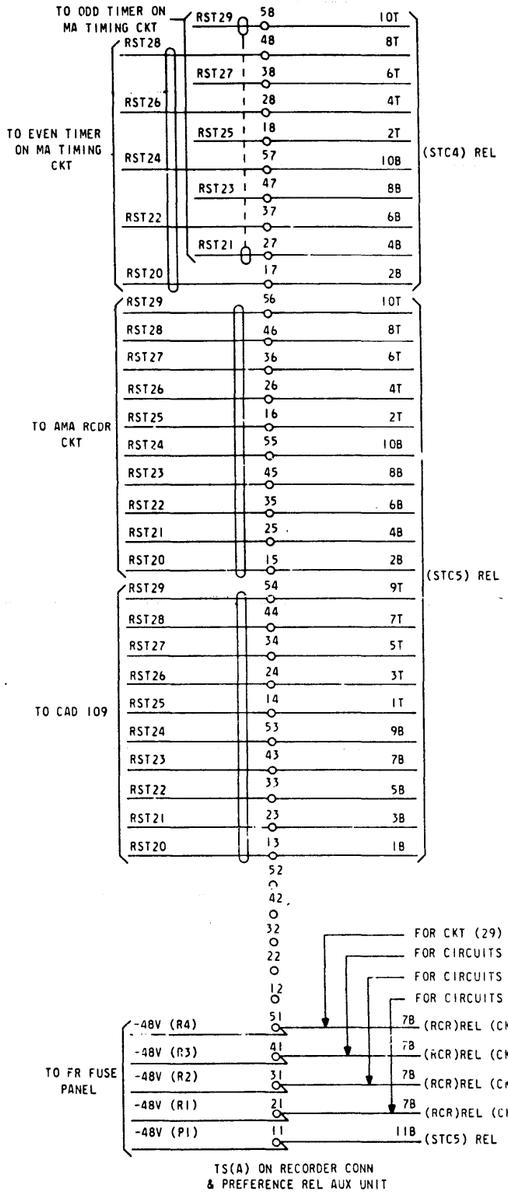
MASTER TEST FRAME CONNECTOR CIRCUIT (2) SD-25805-01-666

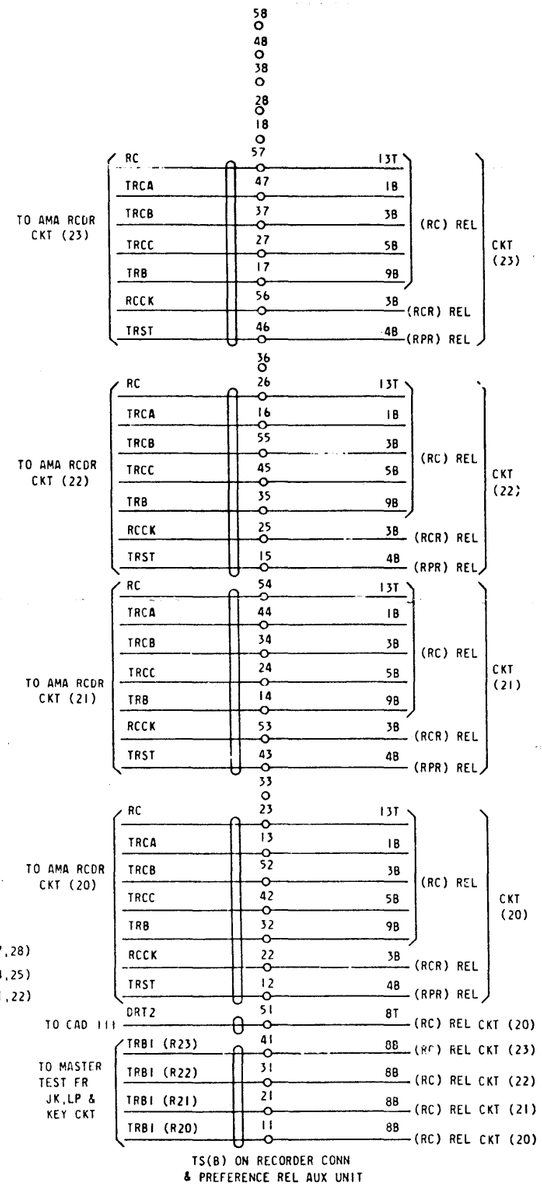
BELL TELEPHONE LABORATORIES INCORPORATED FORM 6S

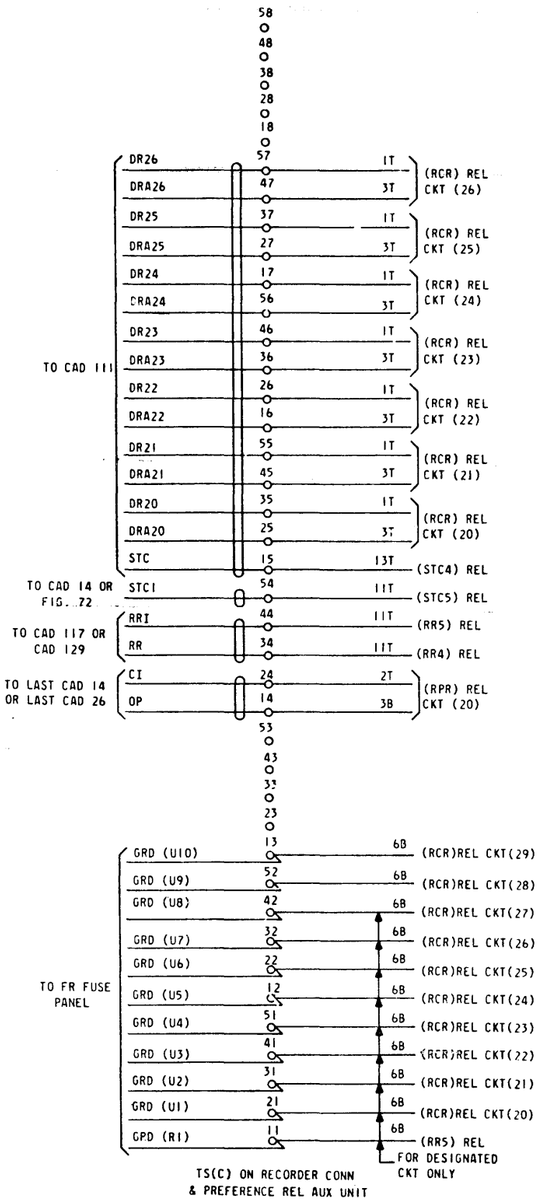
SD-25805-01-666

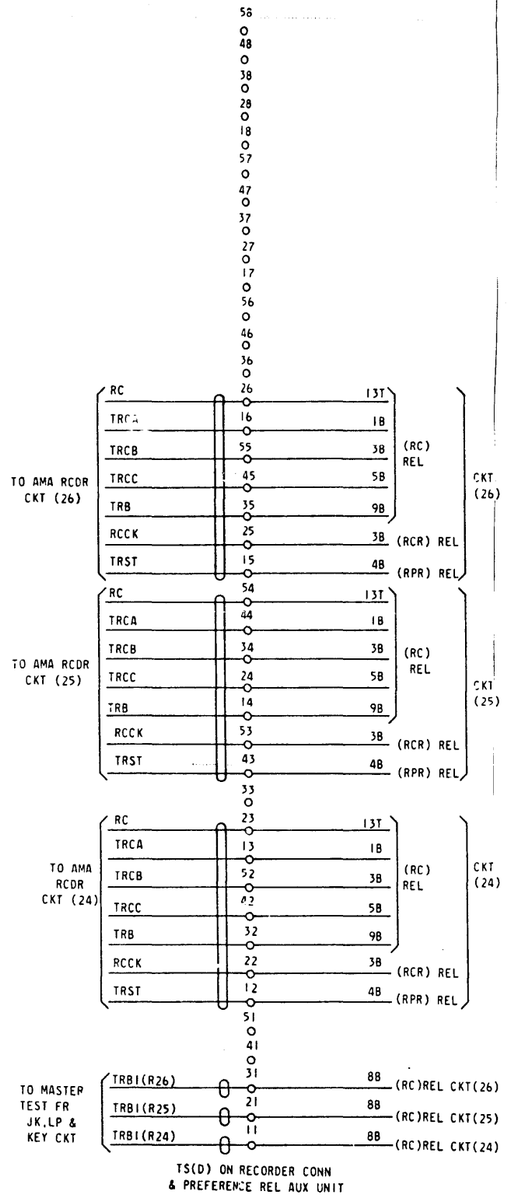
PART OF CAD 50

(FOR APP FIG. 16,17,22,24 & 29)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT

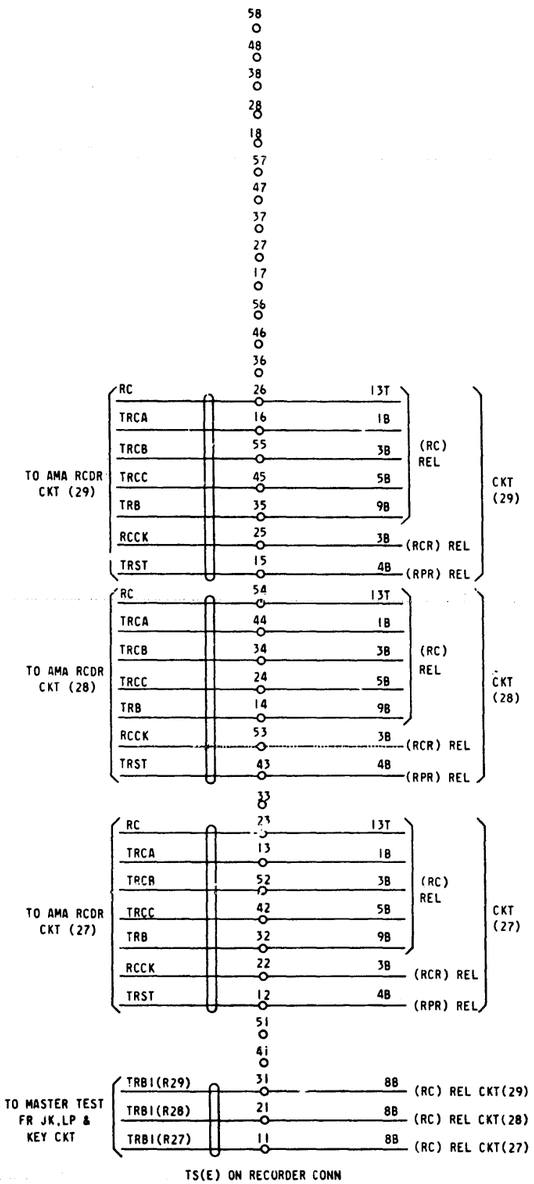
SD-25805-01-667

BELL TELEPHONE LABORATORIES INCORPORATED

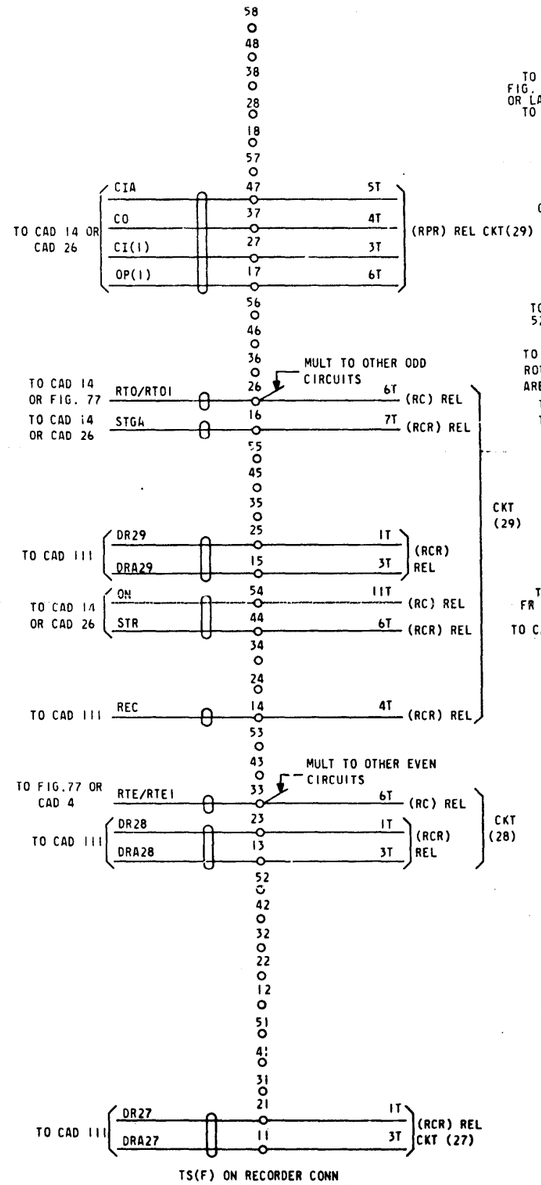
DWG SIZE 6S

SD-25805-01-667

PART OF CAD 50
(FOR APP FIG. 16,17,22,24 & 29)

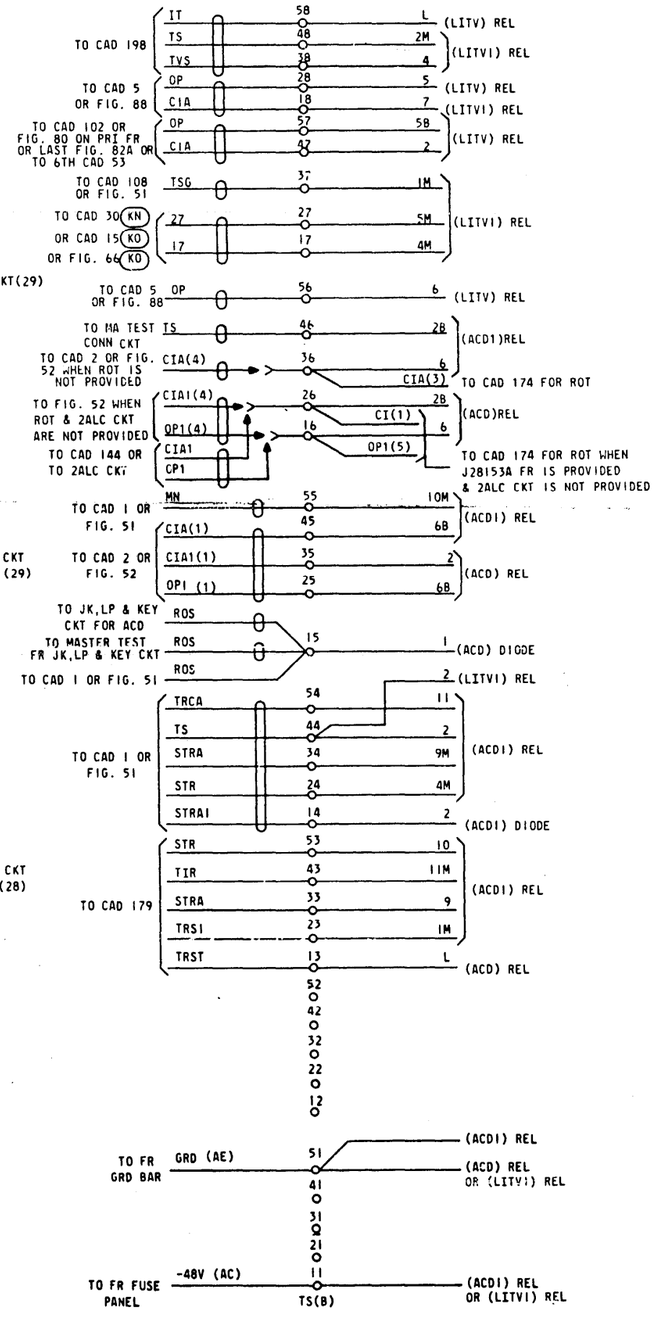


TS(E) ON RECORDER CONN & PREFERENCE REL AUX UNIT



TS(F) ON RECORDER CONN & PREFERENCE REL AUX UNIT

CAD 51
(FOR APP FIG. 199 & 56)



MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G68 (2)
BELL TELEPHONE LABORATORIES INCORPORATED	6S

ISSUE 96B

CAD 54

(FOR APP FIG. 153,155) CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLES
5A & 5F) ONE PER TV FOR MAMA

TO MTC CONVERSION UNIT FOR MAMA — MAG1 — 54M — THIS LEAD REQUIRED FOR CONVERSION ONLY

(V15)	53 / 00	53M / 00M	(V15) REL
(V4)	54 / 00	54M / 00M	(V4) REL
(V3)	54 / 00	54M / 00M	(V3) REL
(V2)	54 / 00	54M / 00M	(V2) REL
(V1)	54 / 00	54M / 00M	(V1) REL
(V0)	54 / 00	54M / 00M	(V0) REL
(W1)	54 / 00	54M / 00M	(W1) REL
(W0)	54 / 00	54M / 00M	(W0) REL

TO CAD 185 ON MAMTC OR TO CAD 191 ON SAMTC

TO CAD 15 ON MAMTC OR TO CAD 27 ON SAMTC

V1	(V3) NET.
V0	(V0) NET.
W0	(W0) NET.

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

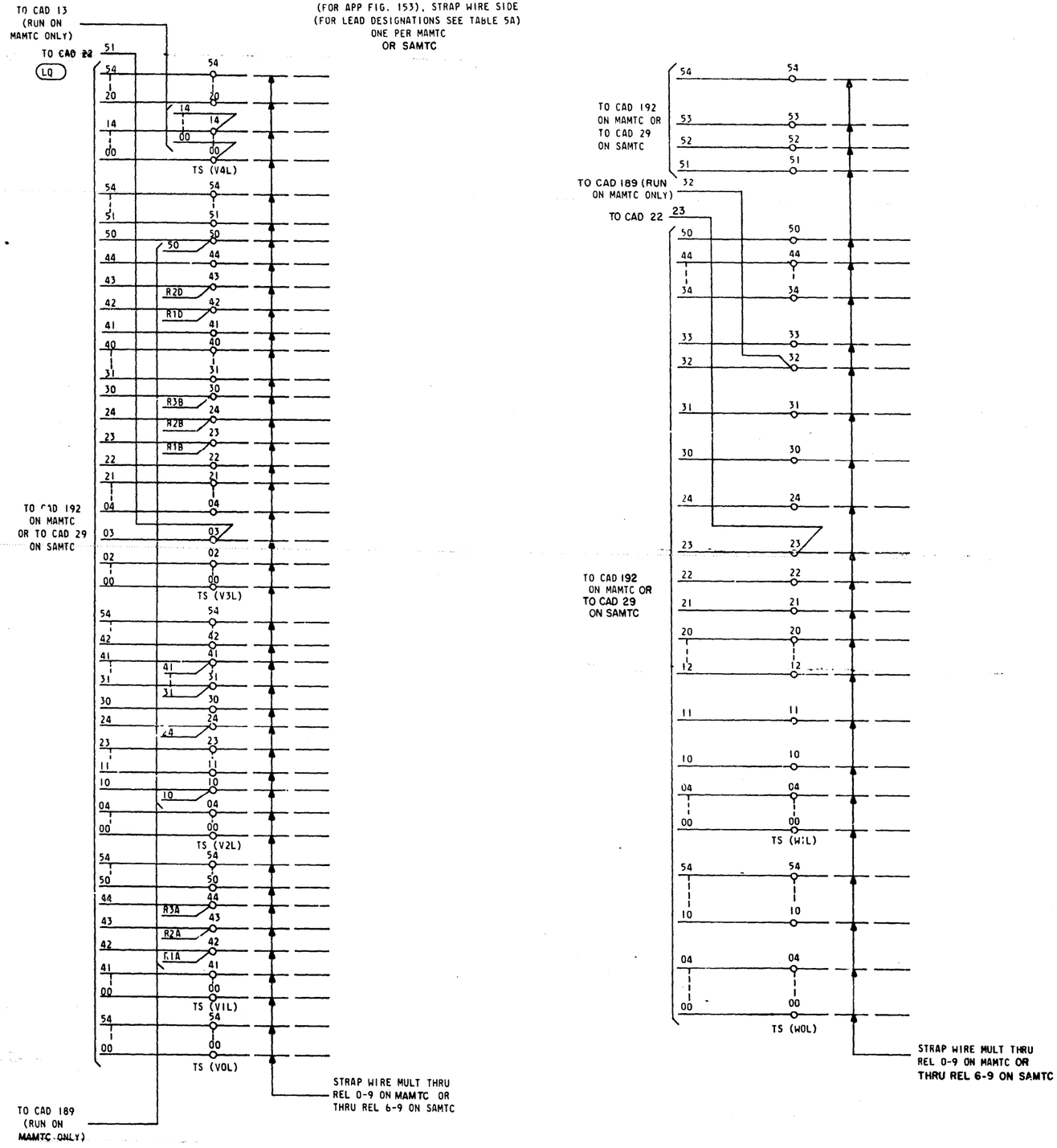
MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-669A

BELL TELEPHONE LABORATORIES INCORPORATED — 6S

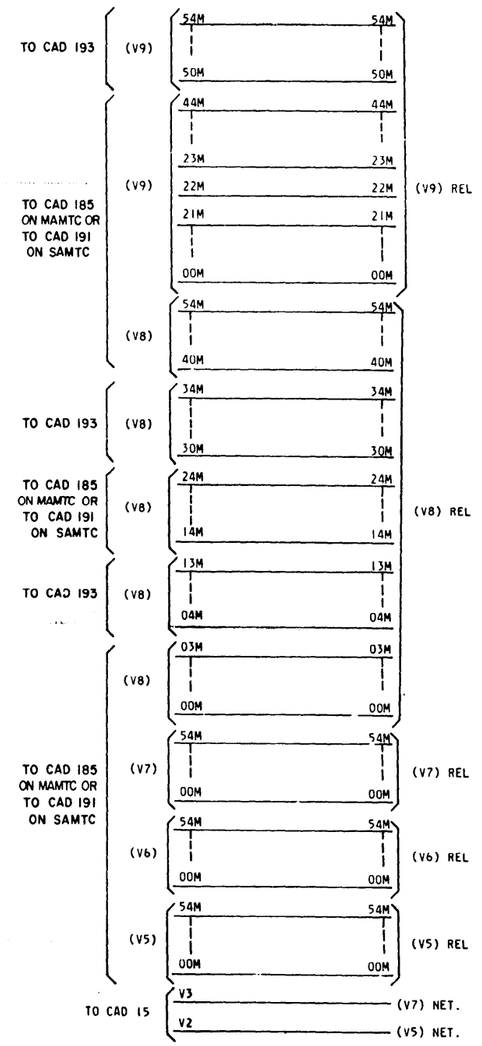
CAD 55

(FOR APP FIG. 153), STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5A)
ONE PER MAMTC
OR SAMTC



CAD 56

(FOR APP FIG. 154) CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5B)
ONE PER AMA TRANSVERTER



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 90B

MASTER TEST FRAME CONNECTOR CKT ②

SD-25805-01-G69B

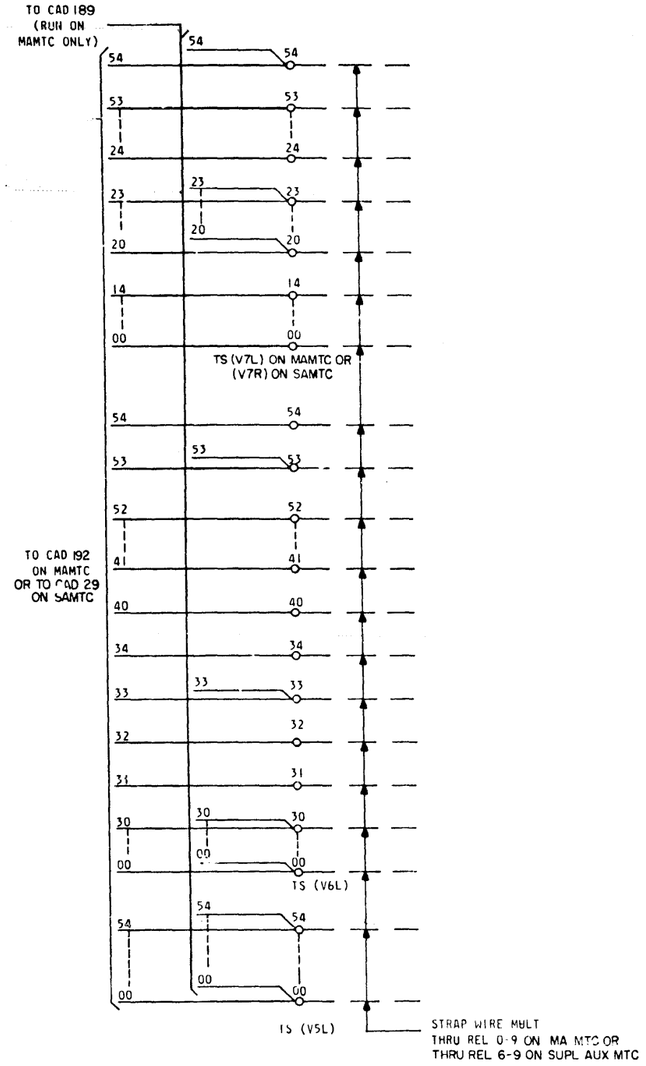
BELL TELEPHONE LABORATORIES INCORPORATED

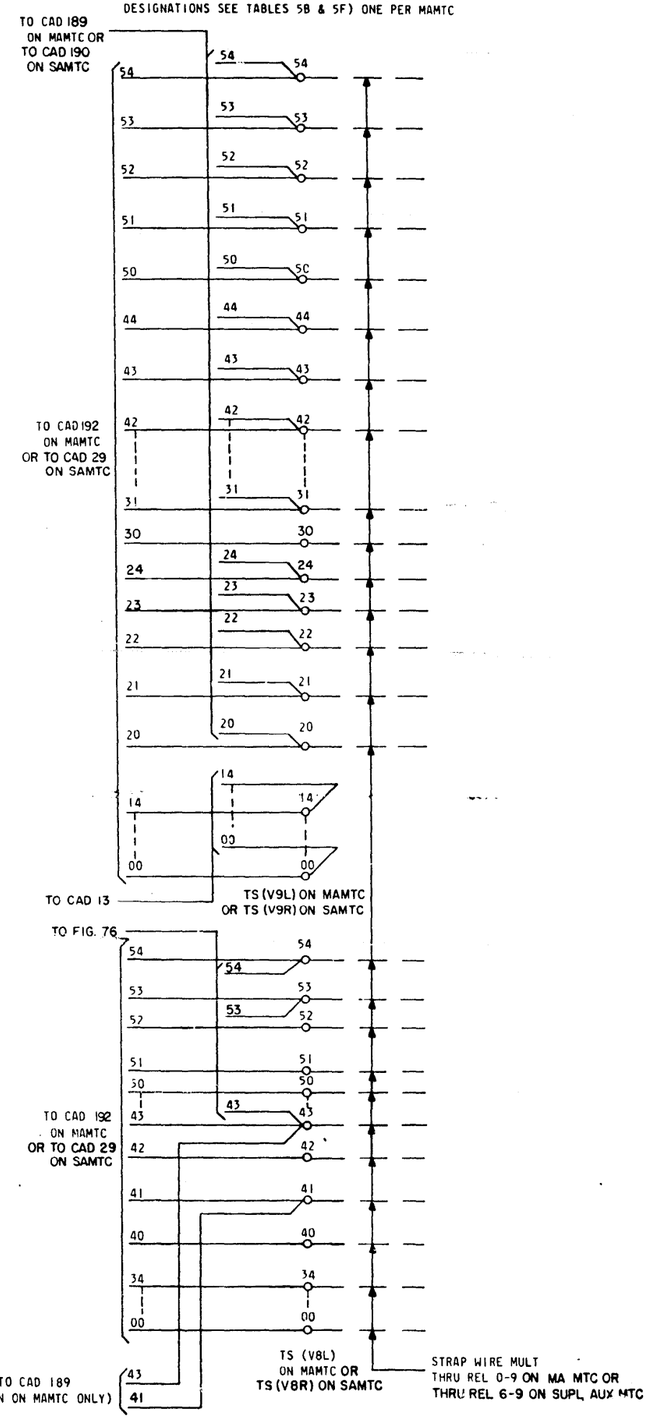
SYS CODE 6S

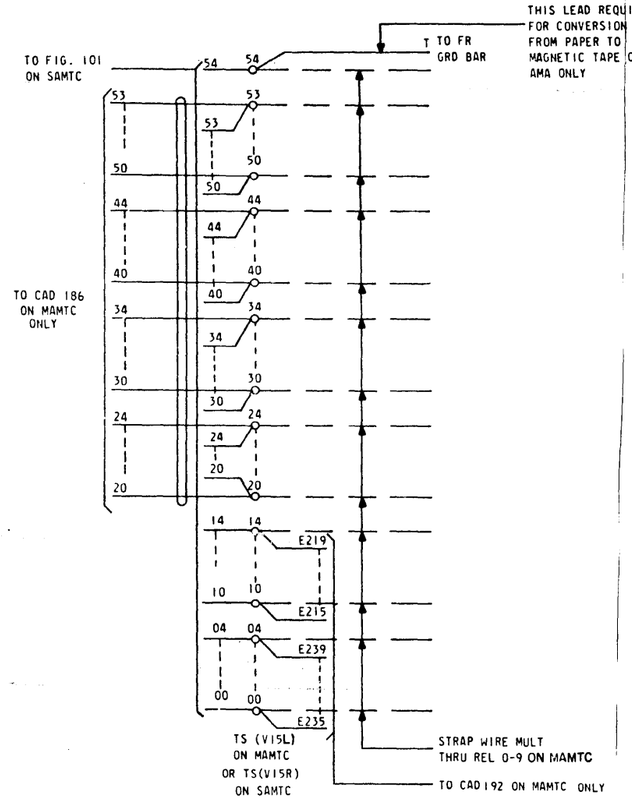
SD-25805-01-G69B

CAD 57

(FOR APP FIG. 55 & 154) STRAP WIRE SIDE (FOR LEAD DESIGNATIONS SEE TABLES 5B & 5F) ONE PER MAMTC







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 90B

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-G69C

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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SD-25805-01-G69C

PART OF CAD 100

SWBD CABLING FROM MTC TO MTC FOR DTM AND TO 2SMTC

TO CAD 167 ON 2SMTC FR

DO NOT CONN WHEN 2SMTC FR IS PROV

DMTC

A & M ONLY

39	39	C1A	TO CAD 102
38	38	OP	
37	37	C1A(1)	
36	36	OP(1)	
35	35	MTL	
34	36	MTR	
33	33	C1	
32	32	CO	
31	31	TO	
30	30	T1	
29	29	ONL	
28	28	STR	TO CAD 3
27	27	CIC	
26	26	STG	
25	25	TRA	TO CAD 114
24	24	TCL	
23	23	C1T	
22	22	TM	
21	21	C1B	
20	20	TST	
19	19	C3	TO CAD 103 / TO CAD 3
18	18		TO CAD 101
17	17		
16	16	MTL(1)	TO CAD 2
15	15		
14	14		
13	13		
12	12		
11	11	TRB1(D3)	
10	10	TRB1(D2)	
09	09	TRB1(D1)	
08	08	TRB1(D0)	
07	07	TRB(D3)	
06	06	TRB(D2)	
05	05	TRB(D1)	TO CAD 1
04	04	TRB(D0)	
03	03	RON(D3)	
02	02	RON(D2)	
01	01	RON(D1)	
00	00	RON(D0)	

T.S. (A) ON MTC

CWK	54	(A8L)
130	44	
139	34	
139	33	
137	30	
136	23	(A7L)
183	20	
426	14	
132	13	
418	02	
131	43	
130	42	
179	41	
178	34	(A6L)
177	30	
171	14	
170	02	
417	40	
169	34	
168	31	
165	23	(A5L)
163	04	
162	02	
161	01	
160		
416	44	
414	42	
159	41	
158	40	
157	30	(A4L)
156	11	
155	04	
154	02	
153	00	
152	54	
133	20	
132	04	(A3L)
128	00	

TO CAD 114

TO CAD 7

177	54	
109	21	(A2L)
108	04	
104	00	
103	54	
94	40	
93	32	
92	24	(A1L)
407	23	
406	22	
91	21	
UG		
80	00	
79	54	(A0L)
50	00	
46	DRT(D3)	
45	DRT(D2)	
44	DRT(DO-1)	
43	DR(D3)	TO CAD 111
42	DR(D2)	
41	DR(D1)	
40	DR(D0)	
268	54	
258	34	
257	32	(C0R)
250	20	
249	11	
239	00	
238	30	(B8R)
224	01	
223	01	(B6R)
430	WB00	TO CAD 111

TO CAD 114

TO CAD 7

222	54	
213	40	
CWF	23	
212	22	(B1L)
211	20	
210	13	
OG		
207	10	
206	54	
197	40	(B0L)
196	14	
192	10	
431	00	
191	42	(A9L)
347	52	
346	51	
345	50	
344	13	(C4R)
343	12	
342	04	
338	00	
337	42	
333	33	(C3R)
332	24	
318	00	
317	44	
316	43	
315	42	(C2R)
314	40	
294	00	
293	51	
287	40	(C1R)
236	32	
269	00	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

430	CLK
	AG
	RLT
480	
	RLT
23AR	
68D	C
70D	B

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G70

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 65

PRINTED IN U.S.A.

SD-25805-01-G70

STABILO

PART OF CAD 100

SWBD CABLING FROM MTC TO MTC FOR DTM

396 54 (T3R)
384 32
383 54
374 40
373 33 (T2R)
372 32
428 31
427 30
371 44
370 40
369 14 (T1L)
368 12
367 53
366 52
365 51
364 42
361 34
360 31
359 24 (T0L)
358 21
354 12
353 03
352 02
351 54
350 42
349 41 (C5R)
348 01

TO CAD 114

TO CAD 7

423 G72
422 G71
405 E58
404 E57
403 E56
402 E55
401 E54
400 E53
399 E52
398 E51
397 E50
425 E112
424 E111

TO CAD 111

408 G65
413 34 (B3R)
409 30

UG

TO CAD 7

421 53
420 50 (C7R)
419 54 (C6R)
429 51 (B9R)

QA

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

39 38 37 36 35 34 33 32 31 30 29 — AUX MTC

A29 A28 A27 A26 A24 A23 A22 A21 A20 A19 A18 A17 A16 A15 A14 A13 A12 A11 A10 A09 A08 A07 A06 A05 A04 A03 A02 A01 A00

24 TS1 — TS1 — TO CAD 103
23 TS2 — TS2
22 C1A(1) — TO CAD 2
21 TS
20 C1T — C1T
19 TCL — TCL
18 C1B — C1B — TO CAD 100
17 TM — TM
16 C1A(2)
15 C1A
14 TTL1 — TO CAD 2
13 SKT
12 GN — ON
11 TRb1(2)
10 TRb1(1) — TO CAD 1
09 RR1
08 RR
07 ONL — ONL — MFR DISC.
06 RT1 — TO CAD 100
05 RT — TO CAD 1
04 OP — TO CAD 5
03 G — TO FR GRD BAR
02 PRT — TO CAD 1
01 TTL — TO CAD 2
00 STR — STR — TO CAD 100
C1A — TO CAD 5
TO CAD 102
STR — TO CAD 186

XG

JJ, JG

M

TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC

SF
TO CAD 30 ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV

TS (A) ON MTC

TO CAD 179 — ON

NO

CAD 101

SWBD CABLING FROM MTC TO AUX MTC OR TO MTC UNIT FOR ANI TV & MA TST CONN CONT & PREF REL UNIT FOR ANI TV

V14 54 00 — V14
V10 54 00 — V10

TO CAD 117 ON AUX MTC

V9 54 00 — V9
V5 54 00 — V5

TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC

TO CAD 109

V4 54 00 — V4
V0 54 00 — V0

TO CAD 117 ON AUX MTC OR
(SF) TO CAD 32 ON MTC UNIT FOR ANI TV OR TO CAD 192 ON MAMTC

W1 54 00 — W1
W0 54 00 — W0

TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC

G139 G110 — TO CAD 111

TO CAD 117 ON AUX MTC OR TO CAD 30 ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV OR TO CAD 192 ON MAMTC

G109

G108 G80 — G108 G8C

TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC

E399 — E399
E398 — E398
E393 — E393
E392 — E392
E391 — E391
E390 — E390
E389 — E389
E374 — E374
E359 — E359
E352 — E352

TO CAD 111

TO CAD 117 ON AUX MTC OR TO CAD 30 ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV OR TO CAD 192 ON MAMTC

E351 — E351
E350 — E350
E349 — E349
E307 — E307
E306 — E306
E305 — E305
E304 — E304
E303 — E303
E265 — E265
E263 — E263
E180 — E180

TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC

DRAWING ISSUE
43D
45D
49AR
52D
53AR
56D
70D

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2)
BELL TELEPHONE LABORATORIES INCORPORATED
6S
SD-25805-01-G7!

STABILO

CAD 102
SWBD CA FROM MTC FR TO REG, TR & IDDD PRT FR

TO PRT CKT FIG. 82: DR2 E362; DR1 E361; DR0 E360; LW; FR2 E132; FR1 E131; FR0 E130; CN2 E105; CN1 E103; CN0 E101

TO PRT CONN CKT: SD E89; RLK E88; PTR E87; PRL E86; PCK E85; LT E84; CMC E83; CMB E82; CMA E81; CM3 E80

TO CAD 111

TO PRT CKT FIG. 83 OR FIG. 83A: C7 E79; C0 E75; B7 E74; B0 E70; A7 E69; A0 E65; LKI (OT) XX (OP); TRS E63; 11 E62; TR2 E61; TRK E60

TO PRT CKT FIG. 82 OR FIG. 82A: PRT E59; PRTI E115; TOK (OP) MK (OT) E117

TO FIG. 83A: DR7 E367; DR6 E366; TO FIG. 82A: DR5 E365; DR4 E364; DR3 E363

TO FIG. 82A: RGG1(7) 25 RGG1(7); TO IR PRT CONN CKT: RGG1(6) 24 RGG1(6) TO CAD 5; RGG1(5) 23 RGG1(5)

TO PRT CKT FIG. 82: PTL 22 PTL

TO PRT CKT FIG. 78 OR FIRST FIG. 82A: LK 21 LK; LK1-PTP1 20 LK1-PTP1 TO CAD 2

TO CAD 201: ON2; CIT 19 CIT TO CAD 104; JG; ON 18 ON; ONL 17 ONL; TO PRT CKT FIG. 82: STR 16 STR TO CAD 101; TM 15 TM; CIB 14 CIB

TO PRT CKT FIG. 78 OR FIRST FIG. 82A: CIA(1) 13 CIA TO CAD 100; OP(1) 12 OP

TO CAD 51: 11 CIA; TO PRT CKT FIG. 80 OR TO LAST FIG. 82A: CIA; OP 10 OP; CONNECT WHEN PRETRANSLATORS ARE NOT PROVIDED: 09

DO NOT RUN WHEN LIT DIRECTORY NUMBER PRINTOUT IS PROVIDED

LW

TO PRT CONN CKT: RGG1(3) 08 RGG1(3); RGG1(2) 07 RGG1(2) TO CAD 5; RGG1(1) 06 RGG1(1)

TO PRT CKT FIG. 82: RGC2 05 RGC2; RGC1 04 RGC1; RGC0 03 RGC0

PR 02 PR

TO PRT CKT FIG. 84: RP1 01 RP1 TO CAD 1; RP 00 RP

TO FIG. 82A; TO FIG. 82C

TS (A) ON MTC

TO MA TEST CONT CKT

PART OF CAD 103
SWBD CA FROM MTC TO MTF CONT

SEE TABLE 2A FOR LEAD DESIG

B5: 54 54 / 00 00 TS (B5R)

B4: 54 54 / 00 00 TS(B4R)

B3: 54 54; 53 53; 50 50; 40 40 TS(B3R); 34 34; UG; 30 30; 24 24; 02 02

B2: 54 54; 41 41 TS(B2L); 34 34; 00 00

B1: 54 54; 40 40 TS (B1L); 32 32; 00 00

B0: 54 54; 00 00 TS (B0L)

A5: 20 20; CKI 34; 10 10 TS (A5L); MT7K 11

A2: 20 20 TS (A2L)

TO MASTER TEST FR JK, LP & KEY CKT: TRB1(C7L) TRB1(C7); TRB1(C0) TRB1(C0) TO CAD 3

TO MA TEST CONT CKT: MKT(C7) MKT(C7); MKT(C2) MKT(C2)

TO MA TEST CONT CKT (SEE NOTE 224): MKT(C1) MKT(C1); MKT(C0) MKT(C0)

CK0 40 TS (A9L)

TO MA TEST CONT CKT: PS0 30 TS(A1L); PS1 32 TS(A7L) TO CAD 7; ROH 41 TS (C2R)

TO WIDEBAND/BIT-STREAM TEST CONT CKT: LXPA 32 TS(A1L)

29 MT CONT

TO CAD 195: STR 24

TO CAD 198: CIB 24

TO MA TEST CONT CKT: NT; TSO 23 TSO TO CAD 1; KCS 22 KCS TO CAD 3

TO CAMA APTT CKT VIA MA TEST CONT CKT: AKT 21 AKT; MTL(1) 20 MTL(1) TO CAD 2

TO MA TEST CONT CKT: OLT 19 OLT

TO CAD 159 (MFR DISC): STRA 18 STRA TO CAD 105; STR 18 STR TO CAD 1

TO LINE VERIFICATION CKT VIA MA TEST CONT CKT: TS(C) 17 TS1 TO CAD 101; MKS(1) 16 MKS(1); LVP 15 LVP TO CAD 2

TO CAD 7: TO MASTER TEST FR JK, LP & KEY CKT: TRB1(AM) 14 TRB1 TO CAD 104; TRB1 TO CAD 1

TO MA TEST CONT CKT: TST 13 TST TO CAD 145; TST TO CAD 100

TO APIT CKT VIA MA TEST CONT CKT: TS(B) 12 TS; AMKS 11 AMKS; ATP 10 ATP TO CAD 2

MKS 09 MKS

TO MA TEST CONT CKT: TS(A) 08 TS2 TO CAD 101; MTP 07 MTP; SKT 06 SKT; TTL 05 TTL; MTL 04 MTL TO CAD 2; SPC 03 SPC; SP 02 SP

TO WIDEBAND/BIT-STREAM TEST CONTROL CKT: C1B 01 C1B; TO MA TEST CONT CKT (SEE NOTE 224): TM 00 TM TO CAD 1

TO CAD 161: C1B C1B; TM TM TO CAD 145

TS (A) ON MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
43D	EM CLK
45D	PCM
48D	DAT
52D	PCM
59D	ALM
60D	DM
62D	JK
63A	FLK
64D	CH
66D	LF
68D	
70D	
71D	
73D	
75D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G72

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

STABILD

SD-25805-01-G72

PART OF CAD 103

SWBD CA FROM MTC TO MTF CONT

SEE TABLE 2A FOR LEAD DESIG

PROVIDE FOR PHI & II CENTREX ARRANGED FOR DIAL TRANSFER

(C1) 50 40 32 00 — TS(C1R)

(C0) 54 14 11 00 — TS(C0R)

(QA)

B9 54 53 52 51 50 44 33 24 21 02 00 — TS(B9R)

B8 53 52 44 43 34 02 01 00 — TS(B8R) — TO CAD 7

TO MASTER TEST CONT CKT (SEE NOTE 224)

B7 54 11 03 02 01 — TS(B7R)

(B6) 54 40 34 33 32 31 30 24 23 22 21 20 14 00 — TS(B6R)

PROVIDE IN OFFICES USING 2/5 PUNCH DESIGN SYSTEM

PROVIDE FOR PHI CENTREX WITHOUT TENS BLOCK SCREENING ARRANGED FOR DIAL TRANSFER

SEE TABLE 2A FOR LEAD DESIG

PROVIDE FOR WIDEBAND SWITCHING ONLY

(C6) 52 50 34 00 — TS(C6R)

(C5) 53 52 50 10 03 02 01 — TS(C5R)

(C4) 54 20 13 12 — TS(C4R)

TO MASTER TEST CONT CKT (SEE NOTE 224)

(C3) 54 51 44 43 40 33 24 00 — TS(C3R)

(C2) 51 50 44 43 42 40 00 — TS(C2R)

(C1) 54 52 — TS(C1R) — TO CAD 7

SEE TABLE 2C FOR LEAD DESIG FOR APP FIG 164 ONLY

(D2) 54 00 — TS(D2R)

A&M ONLY

(D1) 54 00 — TS(DIR)

(D0) 54 00 — TS(DOR)

TO CAD 39 ON MTC EXT UNIT

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A

TO AUTO. MON REG & SDR TEST CKT VIA MASTER TEST CONT CKT — MII — G51

TO MASTER TEST CONT CKT — TKT, MTPT, LVF — E99, E98, E95 — TO CAD 111

TO MASTER TEST CONT CKT FOR WIDEBAND/ BIT-STREAM (SEE NOTE 224) — CWCN — CWCN — TO CAD 109

TO MASTER TEST CONT CKT (SEE NOTE 224) — MLV-TLV, LVM, ATRT, CMC, CMB, CMA, TI, PKT, WDTI, WDTF, WAT — E97, E96, E94, E83, E82, E81, E01, W00, WDTI(1), WDTF(1), WAT(1) — TO CAD 111

TO MASTER TEST RTC CONT CKT

SEE TABLE 2A FOR LEAD DESIG

(T3) 54 30 24 00 — TS(T3R)

(T2) 54 23 22 21 00 — TS(T2R)

(T1) 54 00 — TS(TIL) — TO CAD 7

TO MASTER TEST CONT CKT (SEE NOTE 224)

(T0) 54 00 — TS(TOL)

(C7) 42 41 34 32 10 03 00 — TS (C7R)

SEE TABLE 2D FOR LEAD DESIG FOR APP FIG 164 ONLY

(E0) 54 00 — TS (E0R) ON MTC EXT UNIT — TO CAD 35 OR TO CAD 203

(E1) 54 00 — TS(E1R) ON MTC EXT UNIT

(E2) 54 00 — TS(E2R) ON MTC EXT UNIT — TO CAD 35

TO MASTER TEST CONT CKT (SEE NOTE 224)

(FO) 54 44 33 22 14 10 — TS (FOR) ON MTC EXT UNIT

(FI) 54 53 44 34 30 22 00 — TS (FIR) ON MTC EXT UNIT

XLS P — 34 34 — TS (A6R) TS (A7R) — TO CAD 7

PROVIDE IN OFFICES USING 2/5 PUNCH DESIGN SYSTEM

SEE TABLE 2E FOR LEAD DESIG

DCTI — TS (A4L)

NH

LLC3 LLCO WTG3 WTGO CCKI CCK DFI BCN LSKI — TO CAD 46 (MFR DISC.)

TO MASTER TEST CONT CKT

WCN WDCI WHSI WTK — TO CAD 109

TO MASTER TEST CONT CKT FOR WIDEBAND/ BITSTREAM

RUKI E302
JSSF E209
WFCK WB13
WLFK WB12
RWI WB11
WTFK WB03

WBTO E231
WBT2 E221
WBTI E220
NWT NWT

TO CAD 111

TO MASTER TEST CONT CKT

TO AUTO. MON REG&SDR TEST CKT (SEE NOTE 224) — WDTI, WDTF, WAT — WDTI (2), WDTF (2), WAT (2)

TO MASTER TEST CONT CKT FOR WIDEBAND/BITSTREAM — SWAT — SWAT

OH

DRAWING ISSUE

43D	EM CLK AHD DLS
44A	CLK JB
45D	DCI AHD DBP LW
49AR	LW AHD VBB
50AC	PA AHD VBB
52D	BAH LW AHD
53AR	RLS LW AHD VBB
54AC	LW AHD VBB
55D	LW AHD VBB
56D	RPS AHD VBB
57A	DD SAH RWM ABC NB
59D	RWM ABC NB
62D	JK TRM
64D	TRM LF
66D	LF
69D	
70D	
71D	
73D	
75D	

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G73A

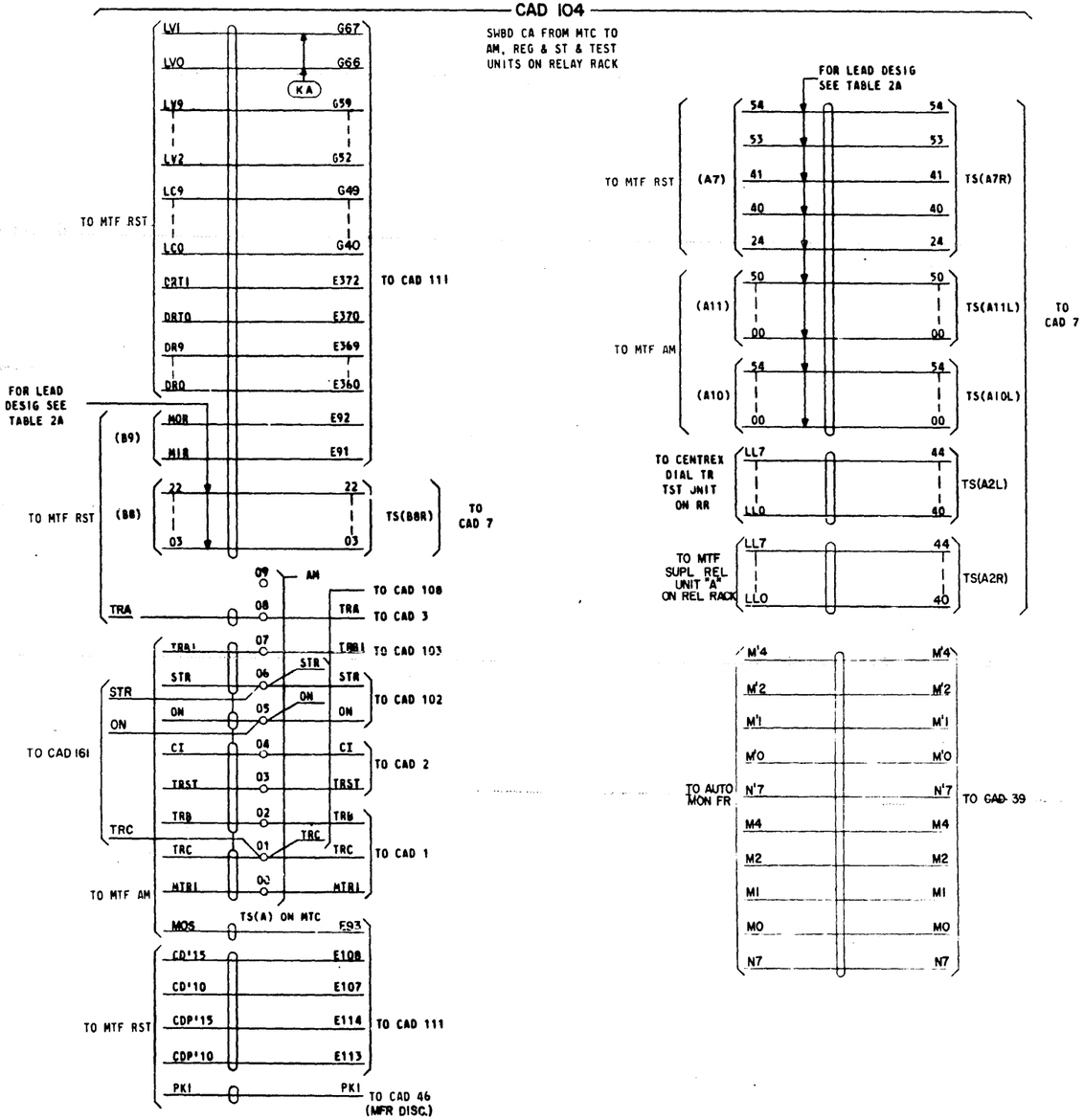
BELL TELEPHONE LABORATORIES INCORPORATED — 6S

SD-25805-01-G73A

STABILO

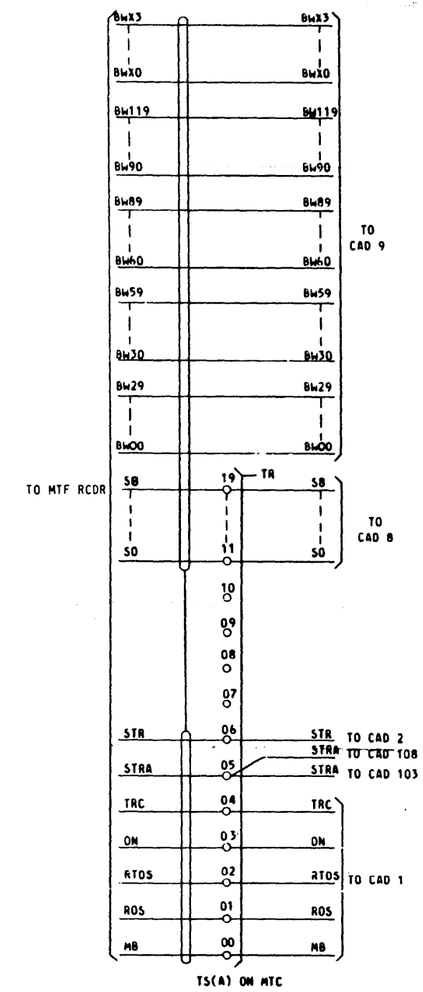
CAD 104

SWBD CA FROM MTC TO AM, REG & ST & TEST UNITS ON RELAY RACK



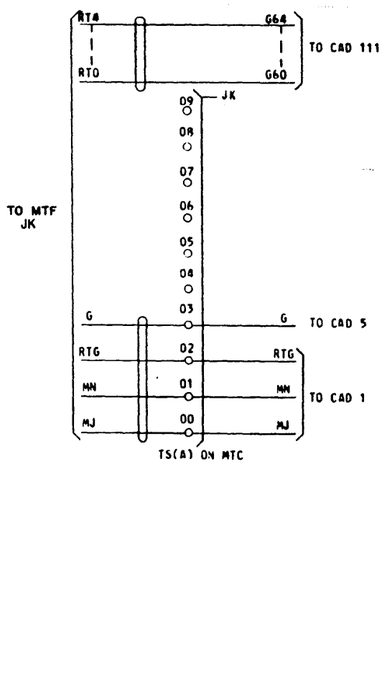
CAD 105

SWBD CA FROM MTC TO MTF RCDR



CAD 106

SWBD CA FROM MTC TO MTF JK



ISSUE	
50AC	JAB, JEH, AHD, JAB
52D	JEH, AHD
56D	TJD, CLH, AHD, DLMM, MRC, AHD
58A	
62D	JK
68D	
70D	
71D	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G738

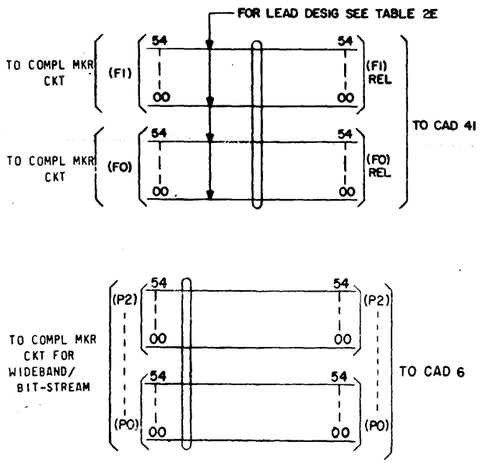
BELL TELEPHONE LABORATORIES INCORPORATED 6S

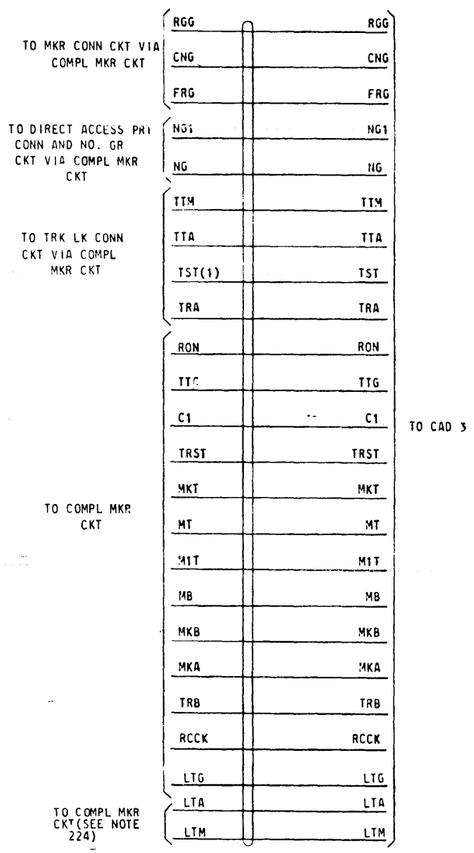
SD-25805-01-G738

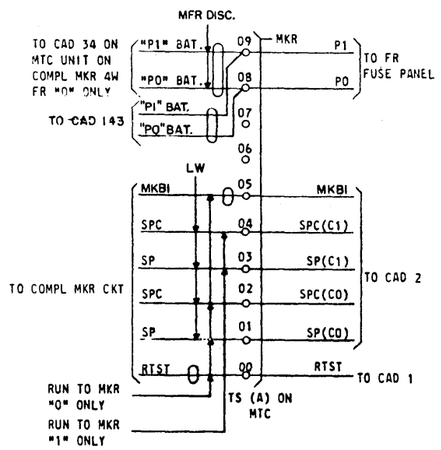
CAD 107

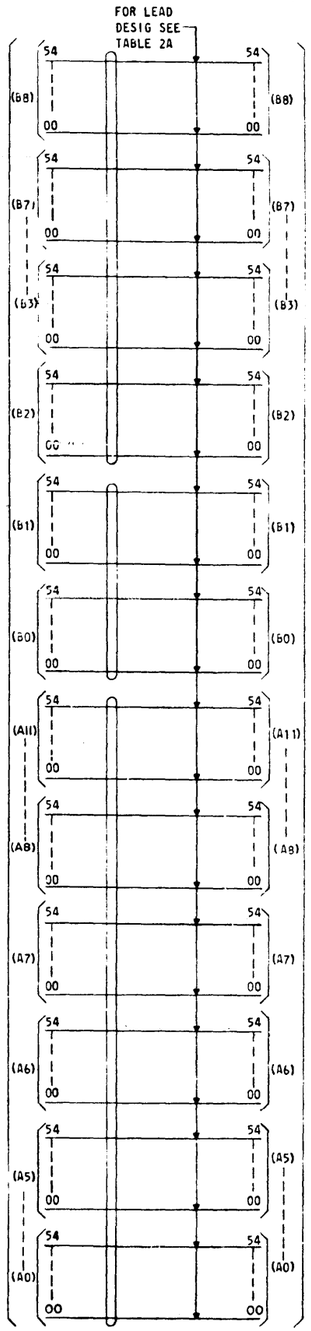
SWBD CA FROM MTC TO COMPL MARKERS (ONE PER COMPL MARKERS)

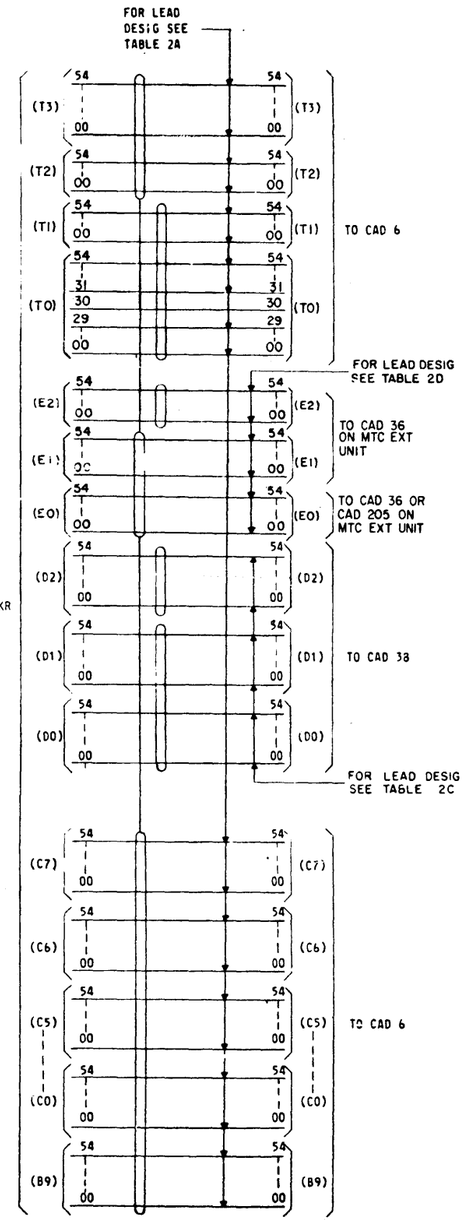
(SEE CAD 168 FOR MARKER EXPANSION)











NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
43D	
45D	
50AC	
52D	
53D	
68D	
70D	
730	
750	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G74

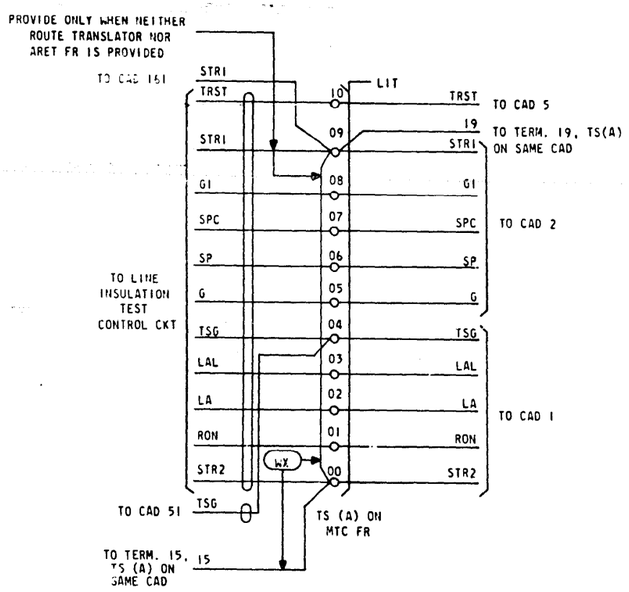
BELL TELEPHONE LABORATORIES INCORPORATED

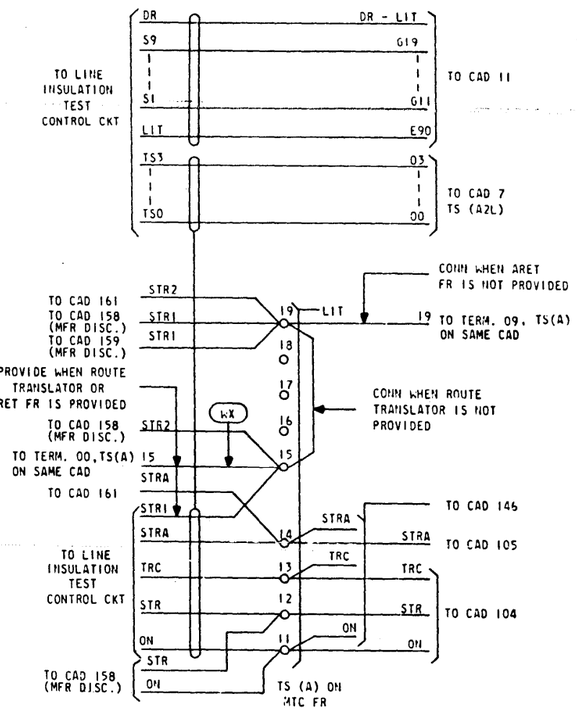
SIZE 6S

PRINTED IN U.S.A.

CAD 108

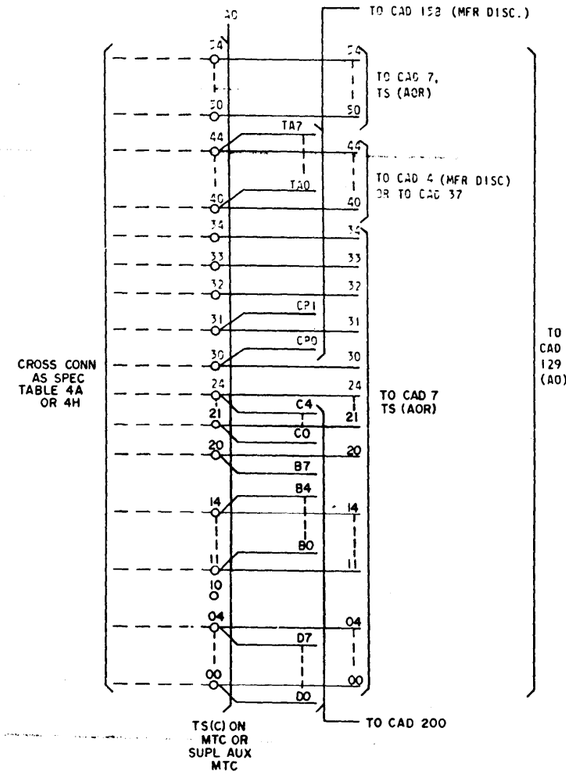
SHBD CABLE FROM MTC TO LINE INSULATION TEST CONTROL CKT





PART OF CAD 109

CROSS CONN TERM. STRIPS FOR MARKERS & TRANSVERTERS (ONE PER MTC OR SUPL AUX MTC) (SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SUPL AUX MTC)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 70D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G75A

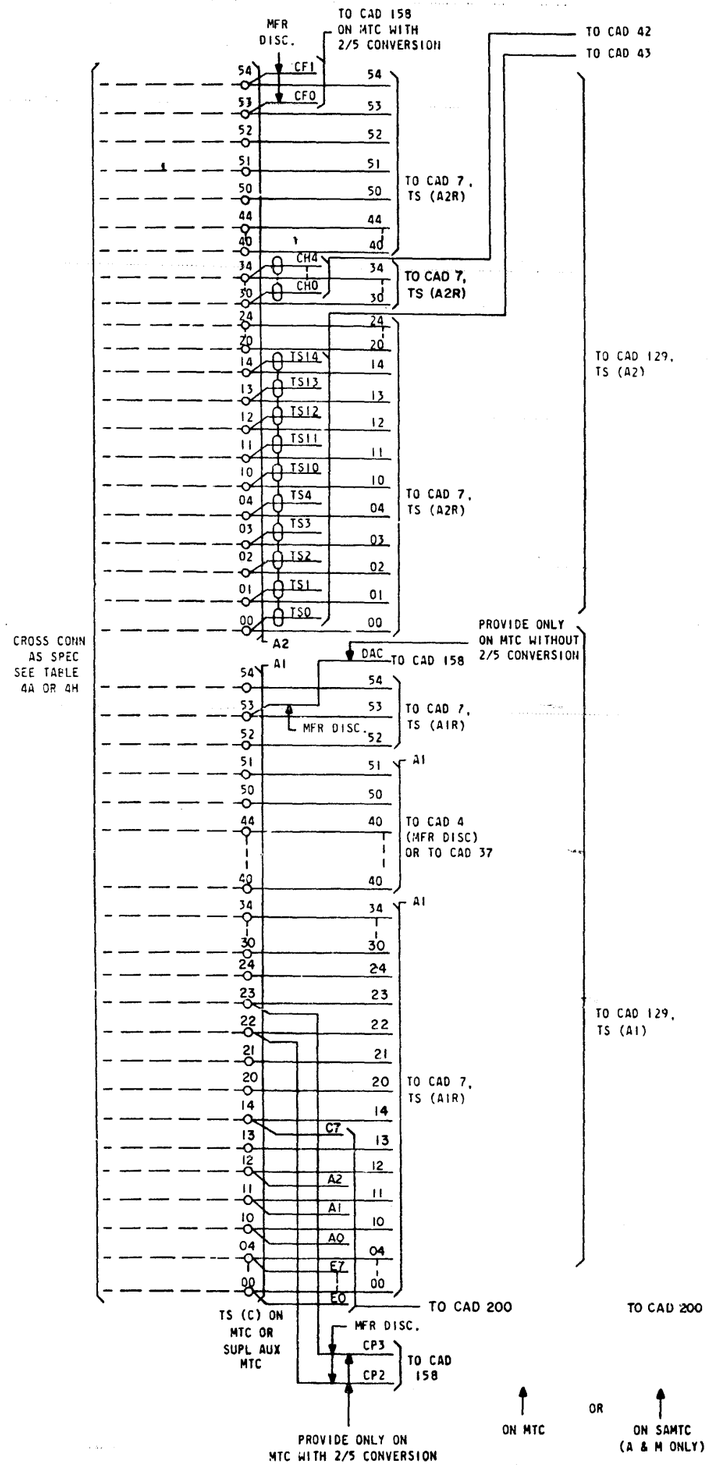
BELL TELEPHONE LABORATORIES INCORPORATED

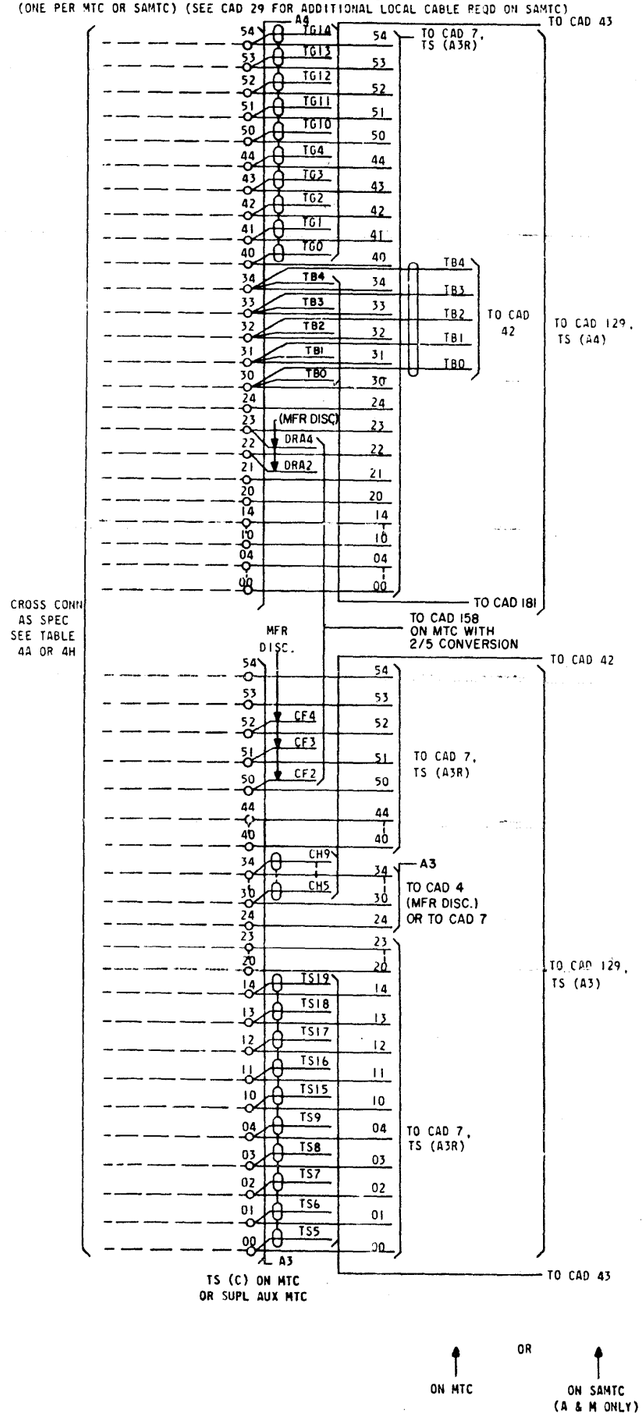
6S

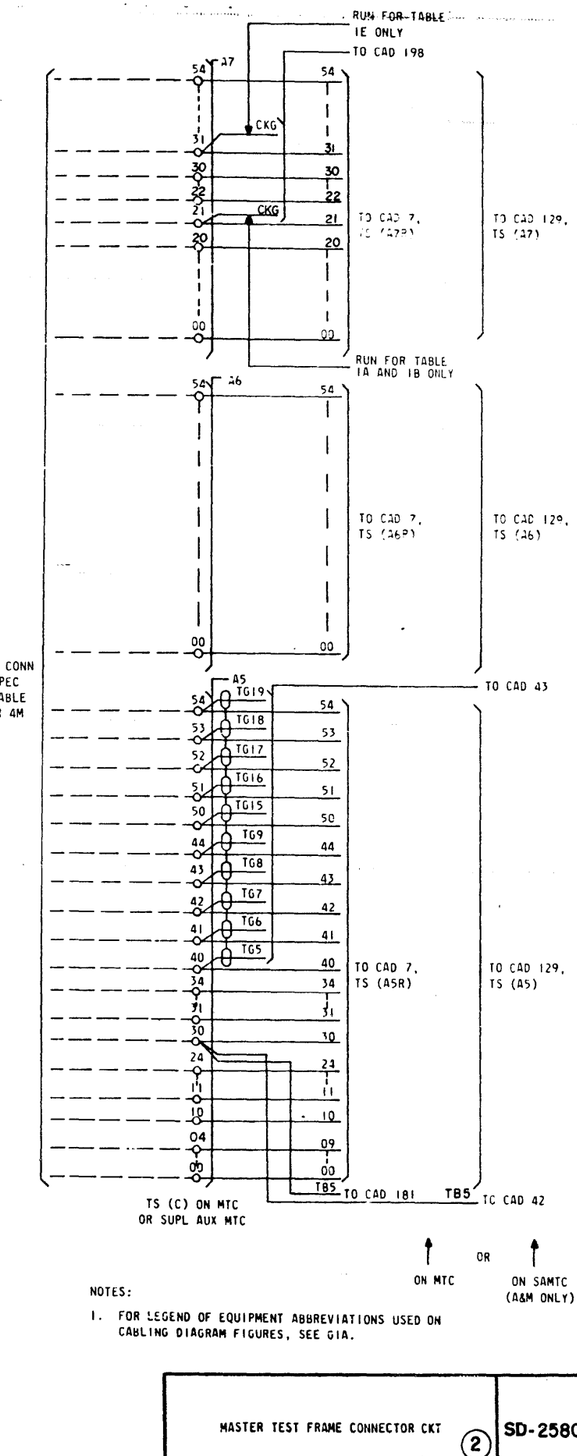
SD-25805-01-G75A

PART OF CAD 109

CROSS CONN TERM. STRIPS FOR MARKERS & TRANSVERTERS
(ONE PER MTC OR SAMTC) (SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQD ON SAMTC)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
62D LT
70D
75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G75B

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS AND TRANSVERTERS ONE PER MTC OR SAMTC (SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)

TO CAD 42 ON MTC OR SAMTC (A&M ONLY) WITH 2/5 CONVERSION OR TO CAD 157 ON MTC WITHOUT 2/5 CONVERSION

TO CAD 158 ON MTC WITHOUT 2/5 CONN

TO CAD 109 V2 FOR ANI OR V5 FOR AMA

ON MTC OR ON SAMTC (A&M ONLY)

A8 — 54 50 44 40 34 30 24 20 14 10 04 00

T4 U4 TO UO HN4 HNO T4 T4 TO TO TH4 TH4 HN4 HN4 TH0 TH0 HNO HNO

RUN FOR TABLE IE ONLY

CROSS CONN AS SPEC (SEE TABLE 4A OR 4H)

TO CAD 7 TS (A8R)

TO CAD 4 (MFR DISC) OR TO CAD 37

TO CAD 7 TS(A8R)

TO CAD 129 (A8)

TO CAD 109,V3 FOR ANI OR V6 FOR AMA

TO CAD 198

TS (C) ON MTC OR ON SAMTC

D2 — 54 50 44 40 34 30 24 23 22 20 14 10 04 00

D0 — 54 53 52 50 44 40 34 30 24 23 20 14 12 11 10 04 00

CROSS CONN AS SPEC (SEE TABLE 4A OR 4H)

SWBD CA OR LW

TB9 TB6

TO CAD 34 ON MTC UNIT ON COMPL MKR 4W FR 0 (MFR DISC) OR TO CAD 39 ON MTC EXT UNIT

TO CAD 42

2W TO CAD 175A OR TO CAD 175B

TS (A) ON MTC EXT UNIT

ON MTC EXT UNIT

F1 — 58 00 — TS(F1L)

F0 — 54 00 — TS(FOL)

CROSS CONN AS SPEC (SEE TABLE 4H)

TO CAD 40

E2 — 54 00 — TS(E2L)

CROSS CONN AS SPEC (SEE TABLE 4A OR 4H)

TO CAD 35

TO CAD 48 (08) LLP

E0 — 54 53 52 51 50 44 43 42 41 40 34 30 24 20 14 13 12 11 10 04 01 00

BLDA BLT KM KM TSTL TBS3 TBS2 TBS1 TBSO TTG1 TTG0 POTS POTS

TS(EOL)

TO CAD 35 OR TO CAD 203

CROSS CONN AS SPEC (SEE TABLE 4A OR 4H)

TO CAD 179

TO TTR FR

TS(A)ON MTC EXT UNIT

TO CAD 197

ISSUE 73D 74A 75D

ISSUE 96B

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT (2)

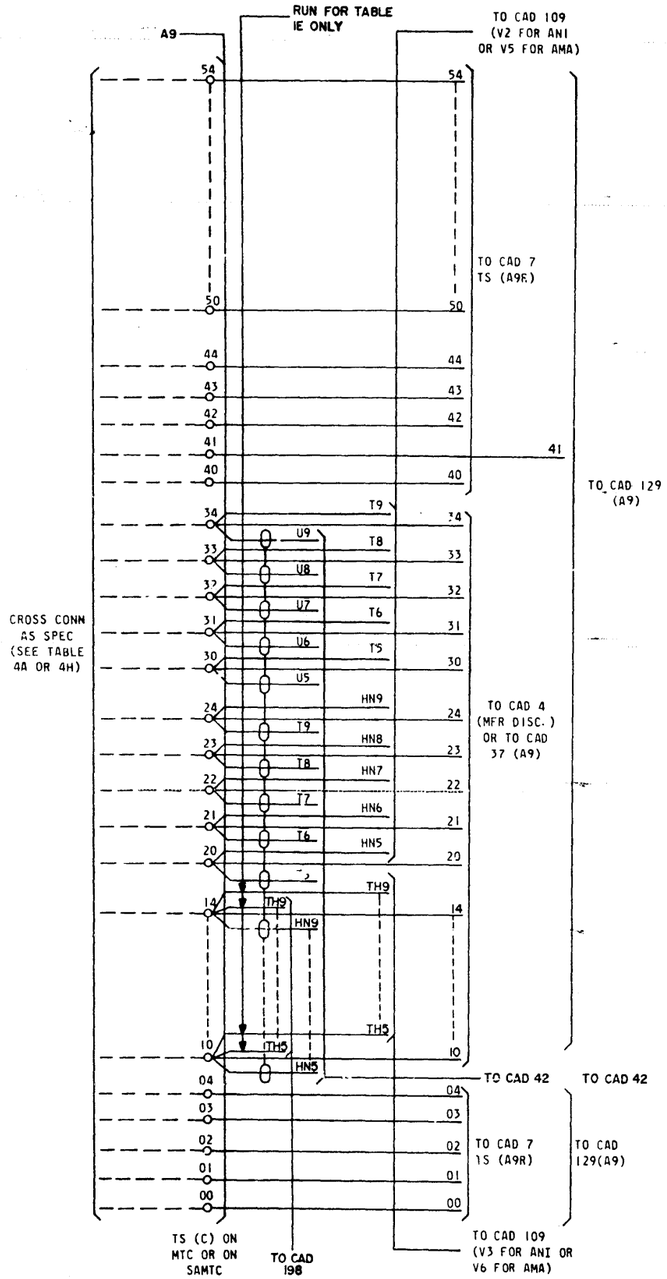
SD-25805-01-G75C

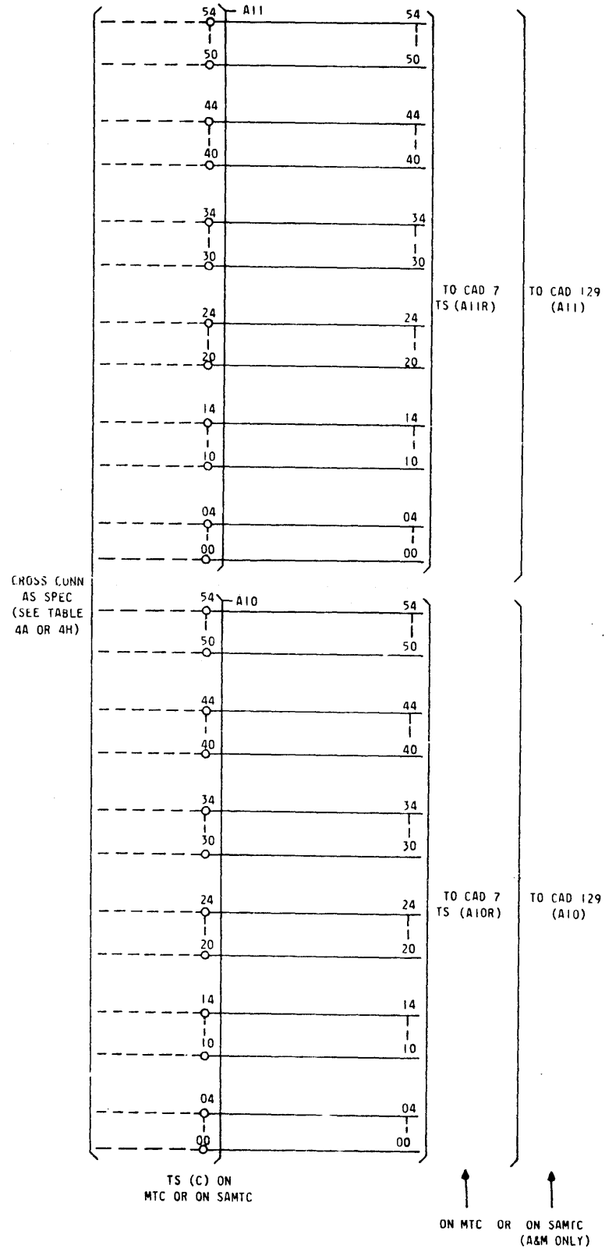
BELL TELEPHONE LABORATORIES INCORPORATED

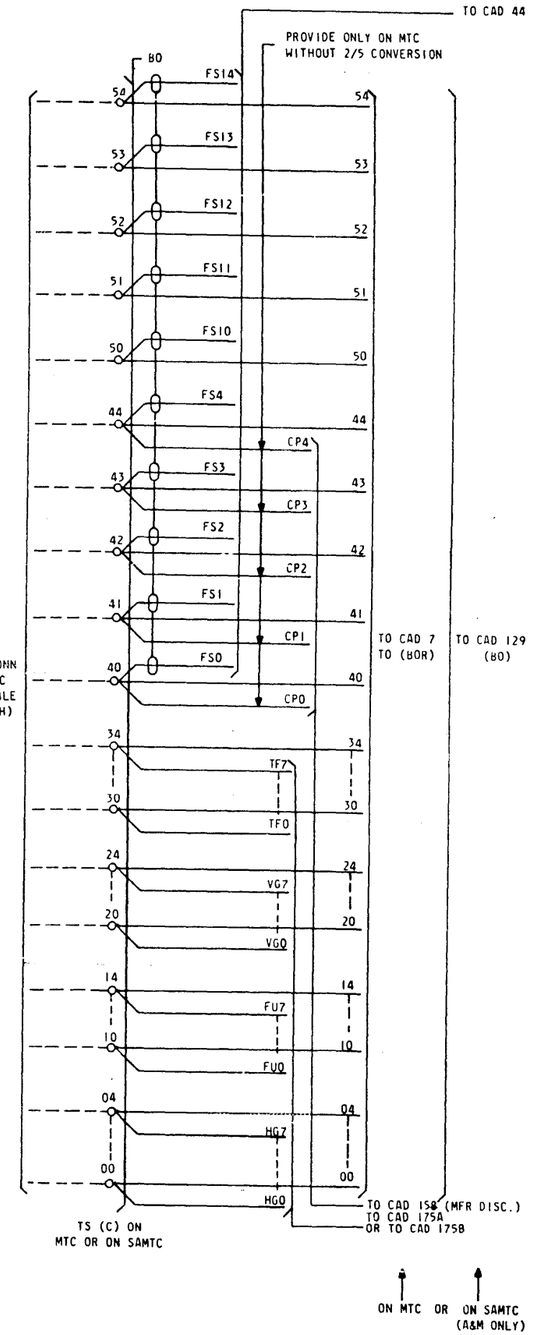
6S

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS AND TRANSVERTERS ONE PER MTC OR SAMTC (SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)







ISSUE 75D

ISSUE 96B

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ON MTC OR ON SAMTC (A&M ONLY)

MASTER TEST FRAME CONNECTOR CKT

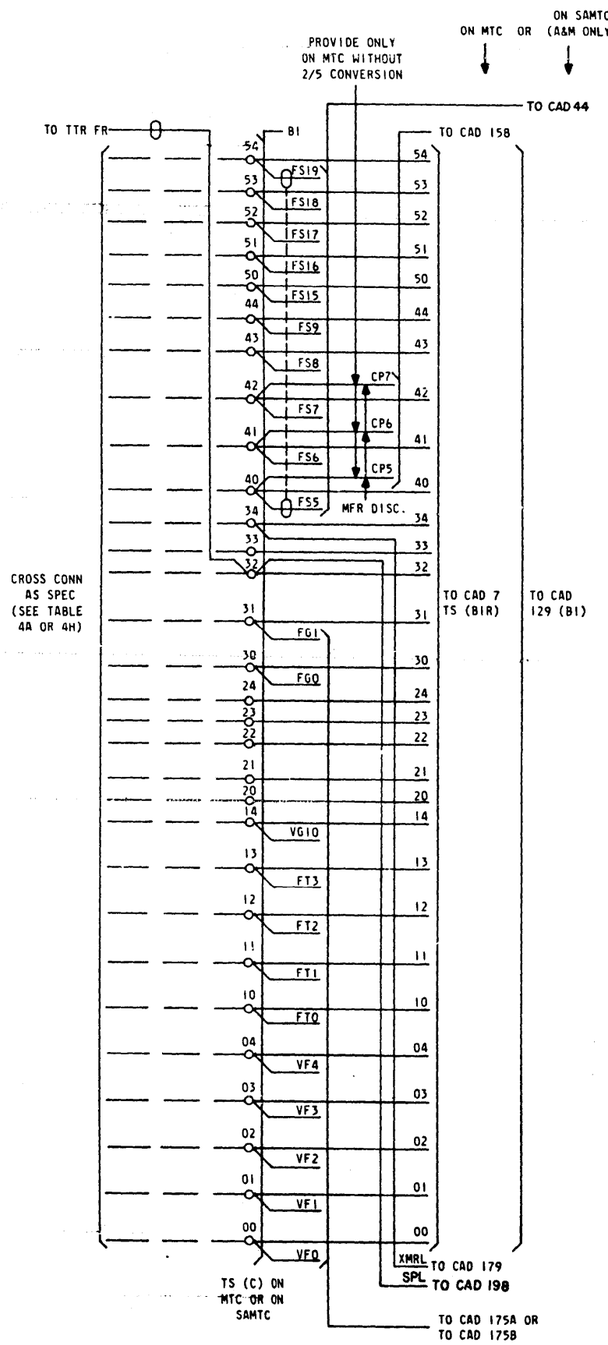
SD-25805-01-676A

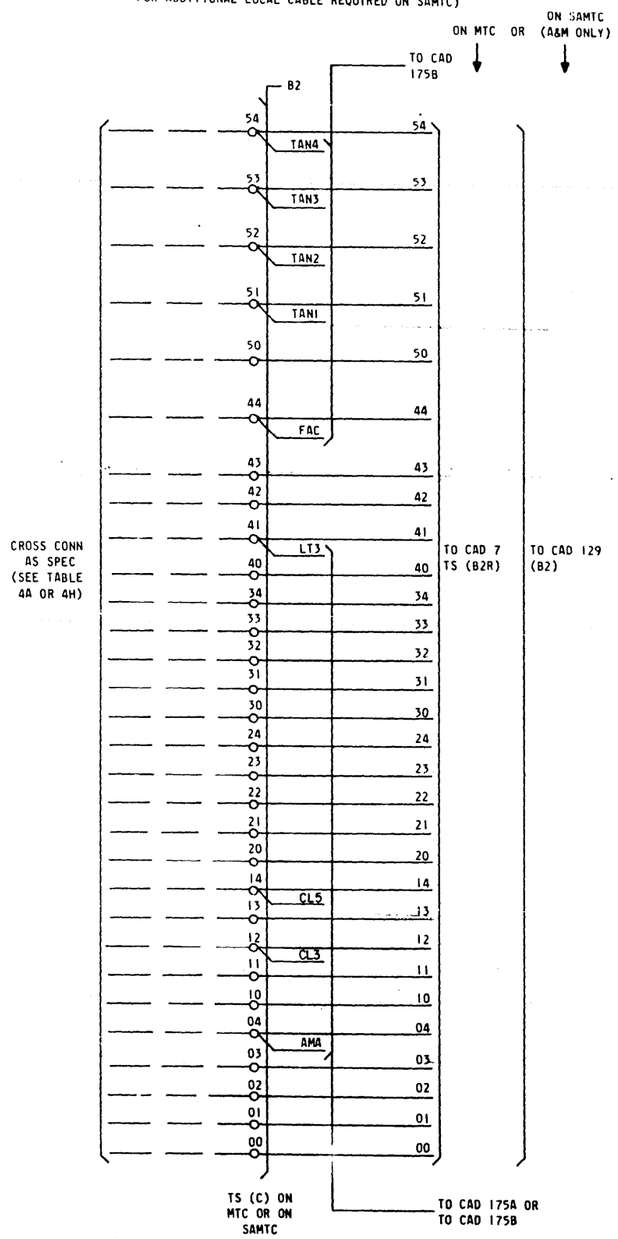
BELL TELEPHONE LABORATORIES INCORPORATED

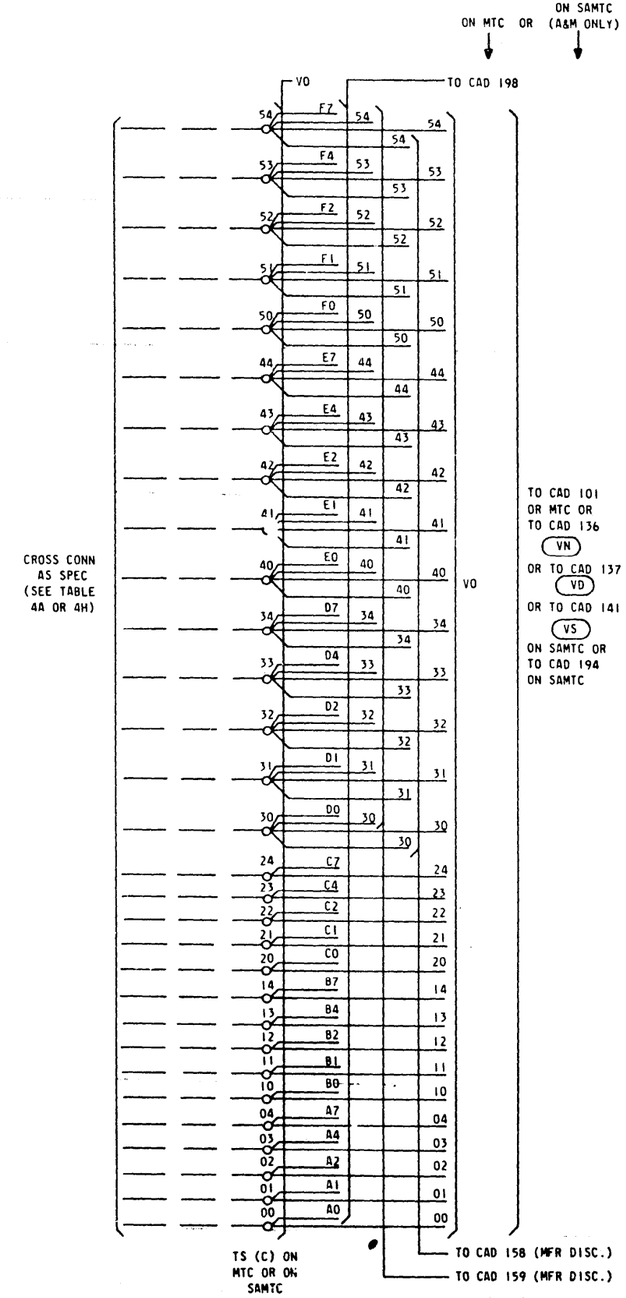
6S

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS AND TRANSVERTERS ONE PER MTC OR SAMTC (SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)







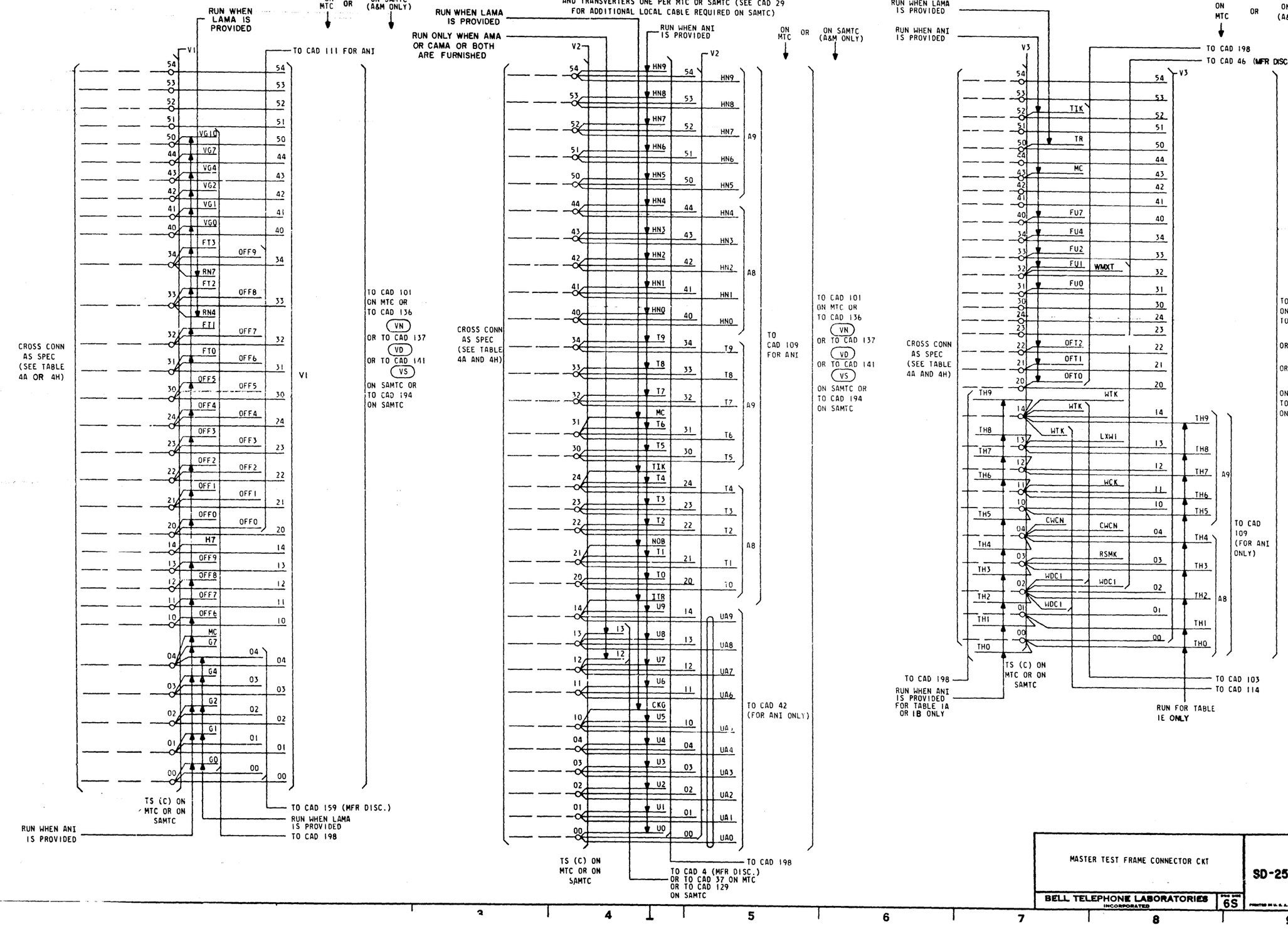
NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G76B
BELL TELEPHONE LABORATORIES INCORPORATED	SIZE 6S

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS AND TRANSVERTERS ONE PER MTC OR SAMTC (SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)



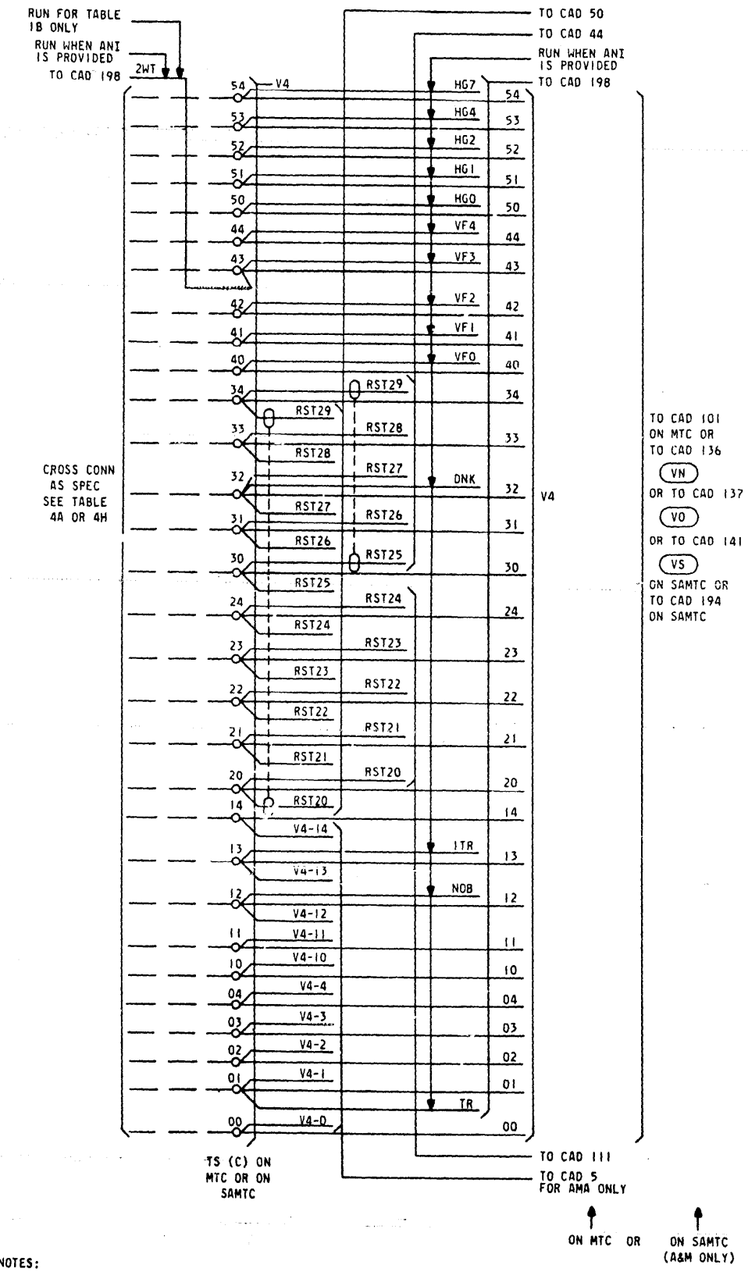
ISSUE 96B

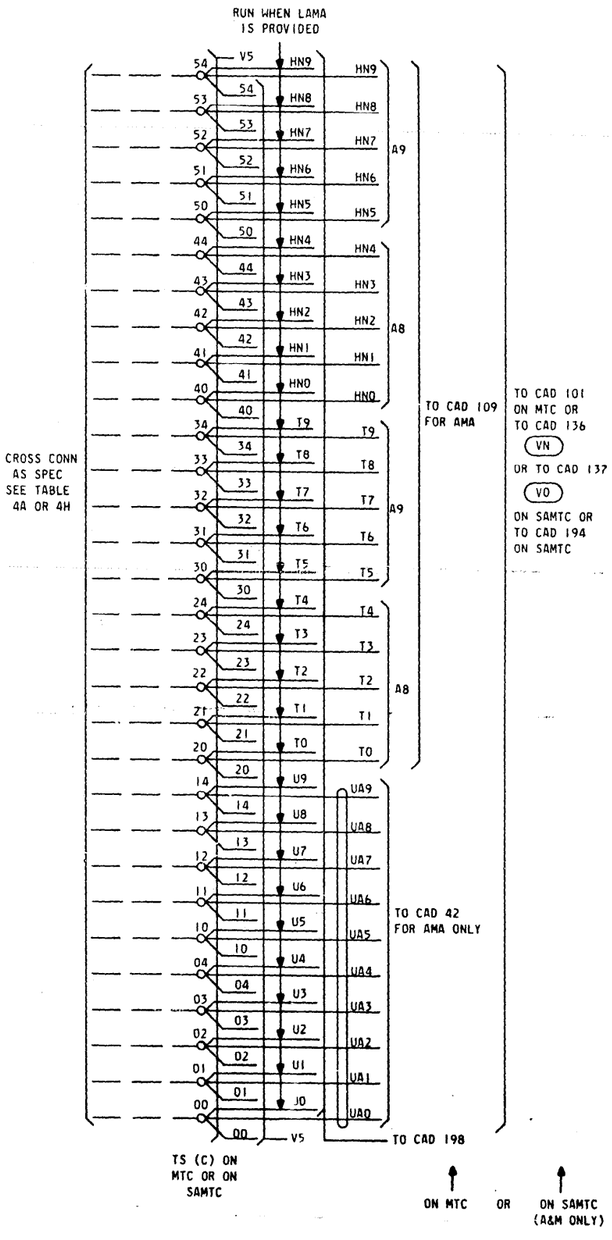
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-676C
BELL TELEPHONE LABORATORIES INCORPORATED	SHT SHTS 6S

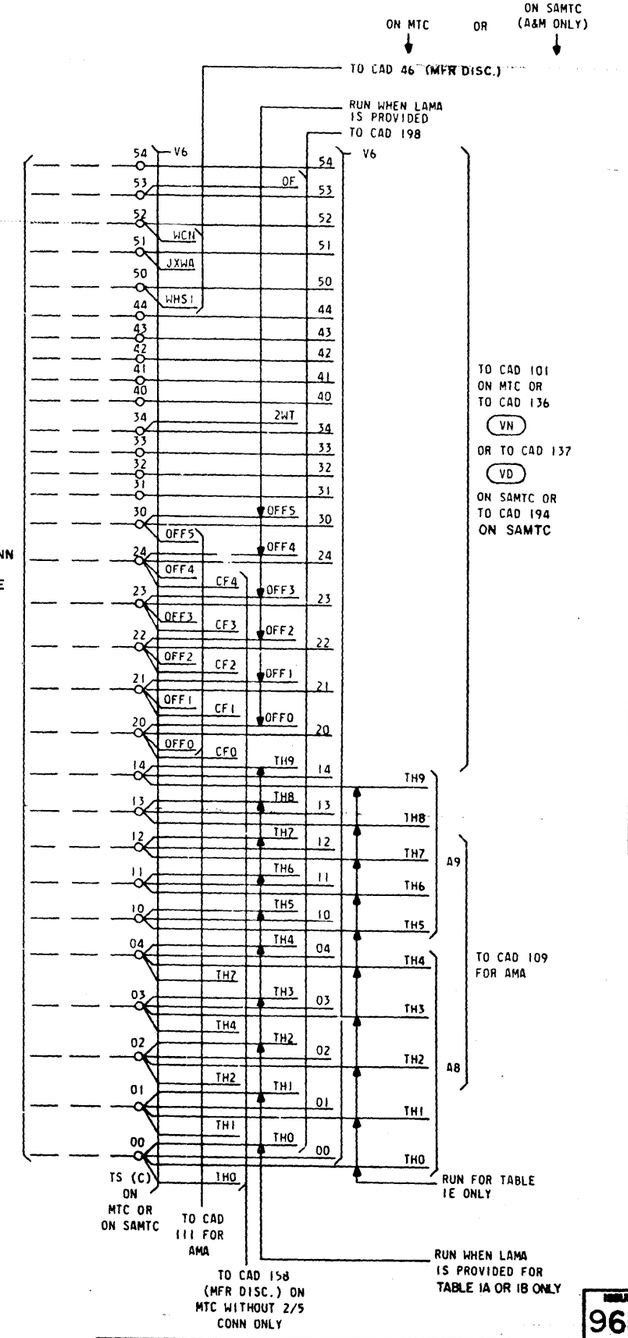
PRINTED IN U.S.A.

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

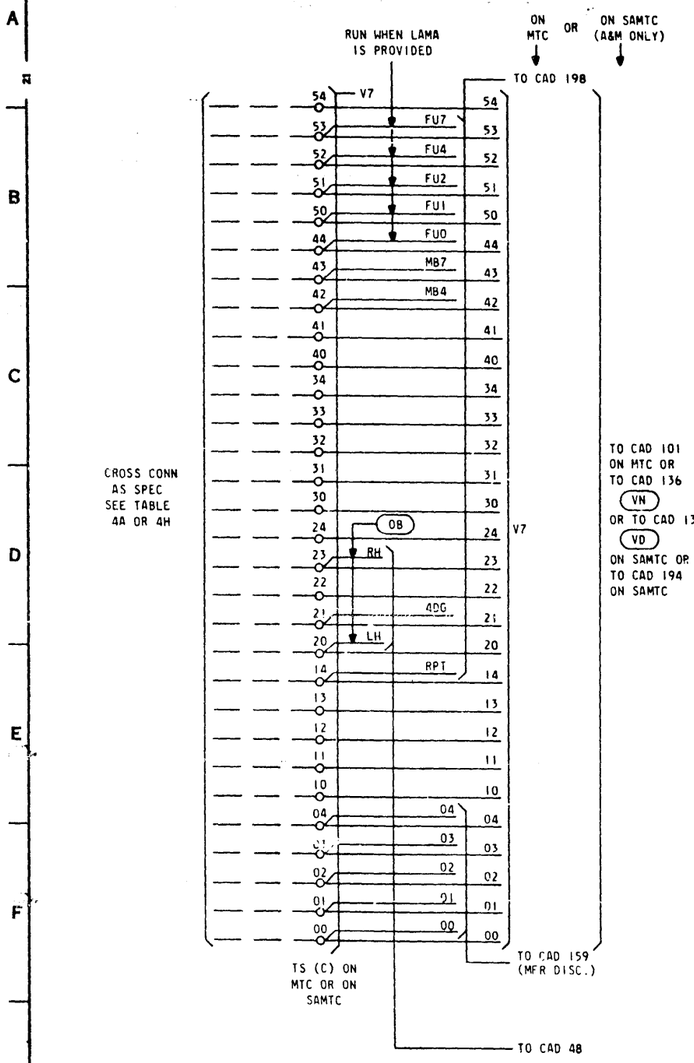
SD-25805-01-G76D

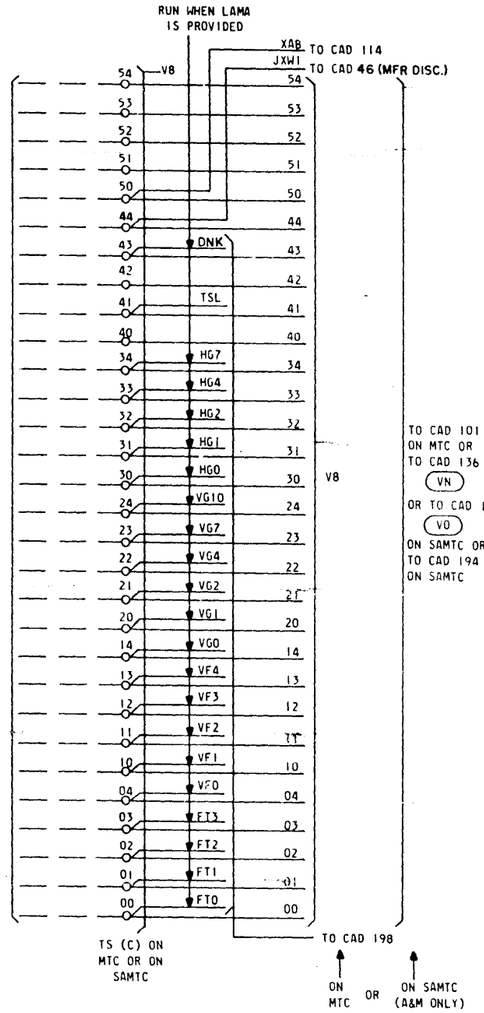
BELL TELEPHONE LABORATORIES INCORPORATED

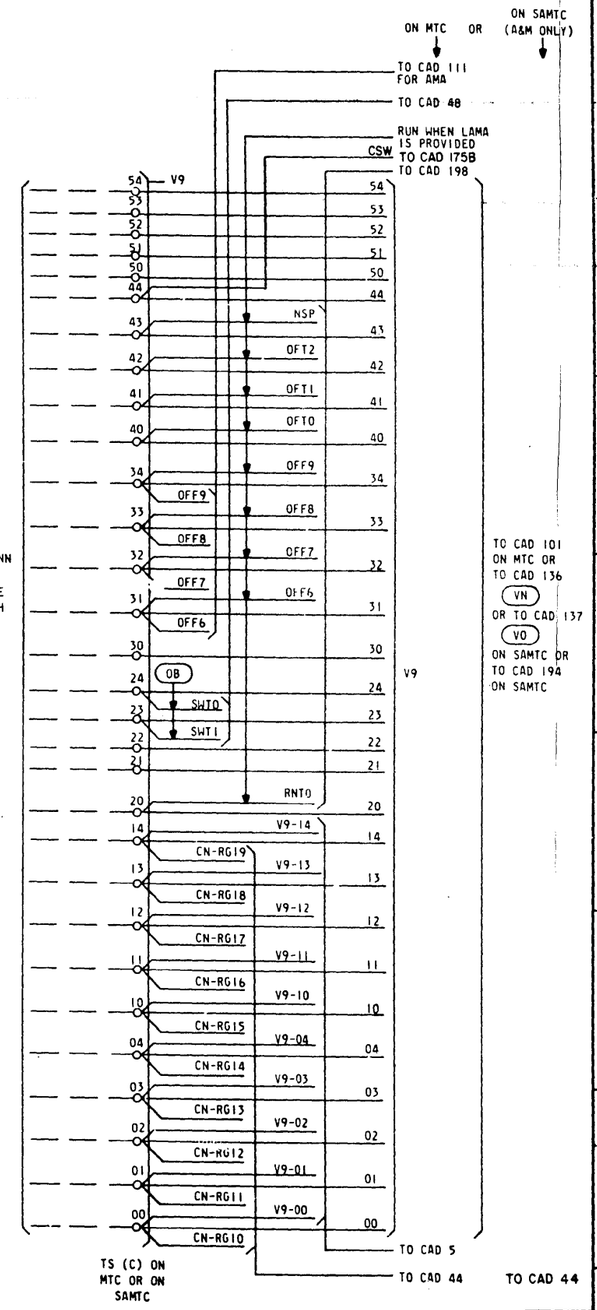
6S

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC (SEE CAD 29
FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

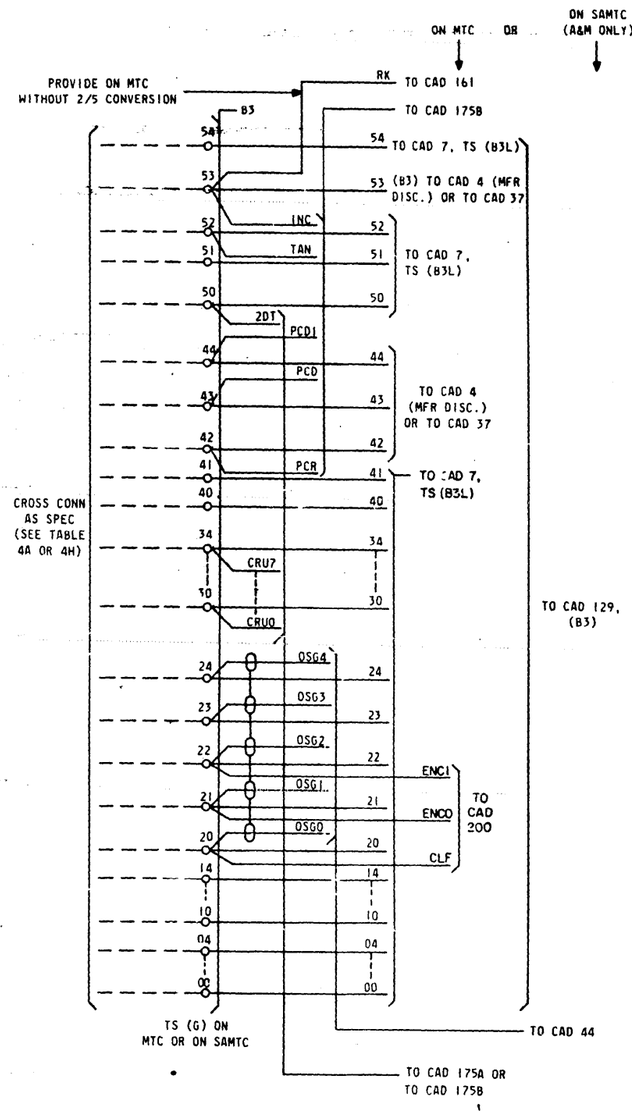
ISSUE 92B

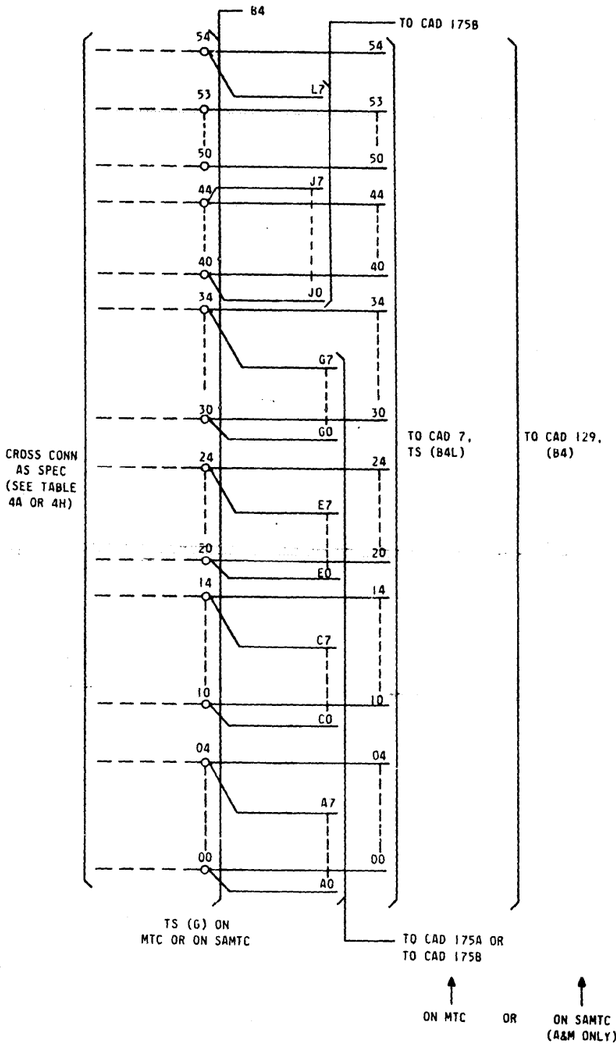
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G76E
BELL TELEPHONE LABORATORIES INCORPORATED	SHT NOS 65

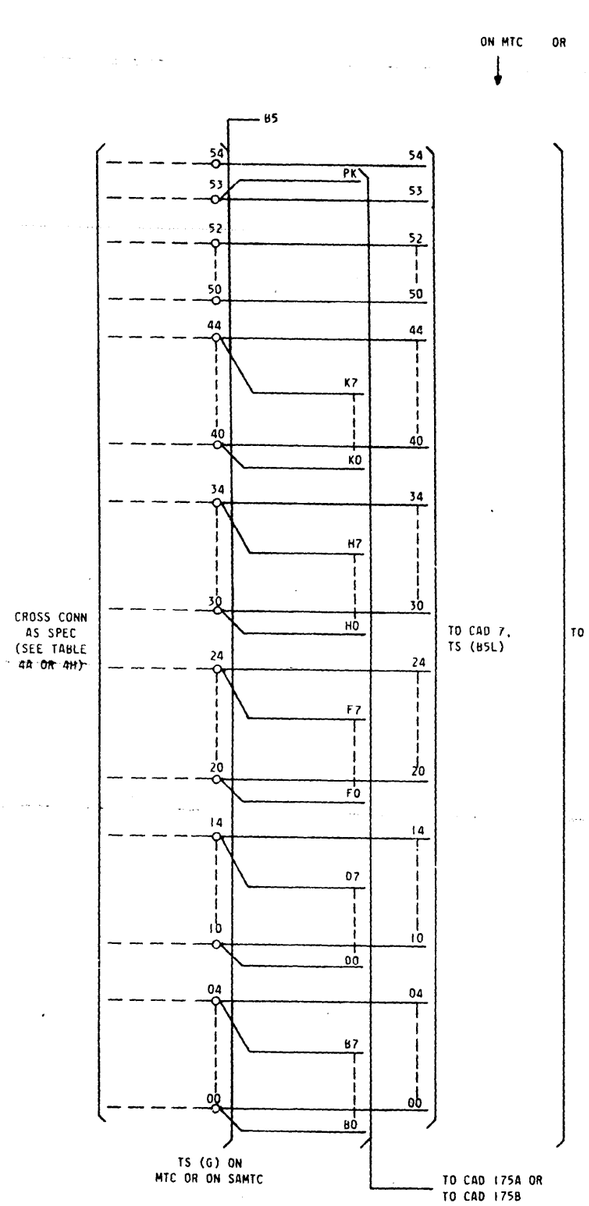
SD-25805-01-G76E

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)







NOTES:

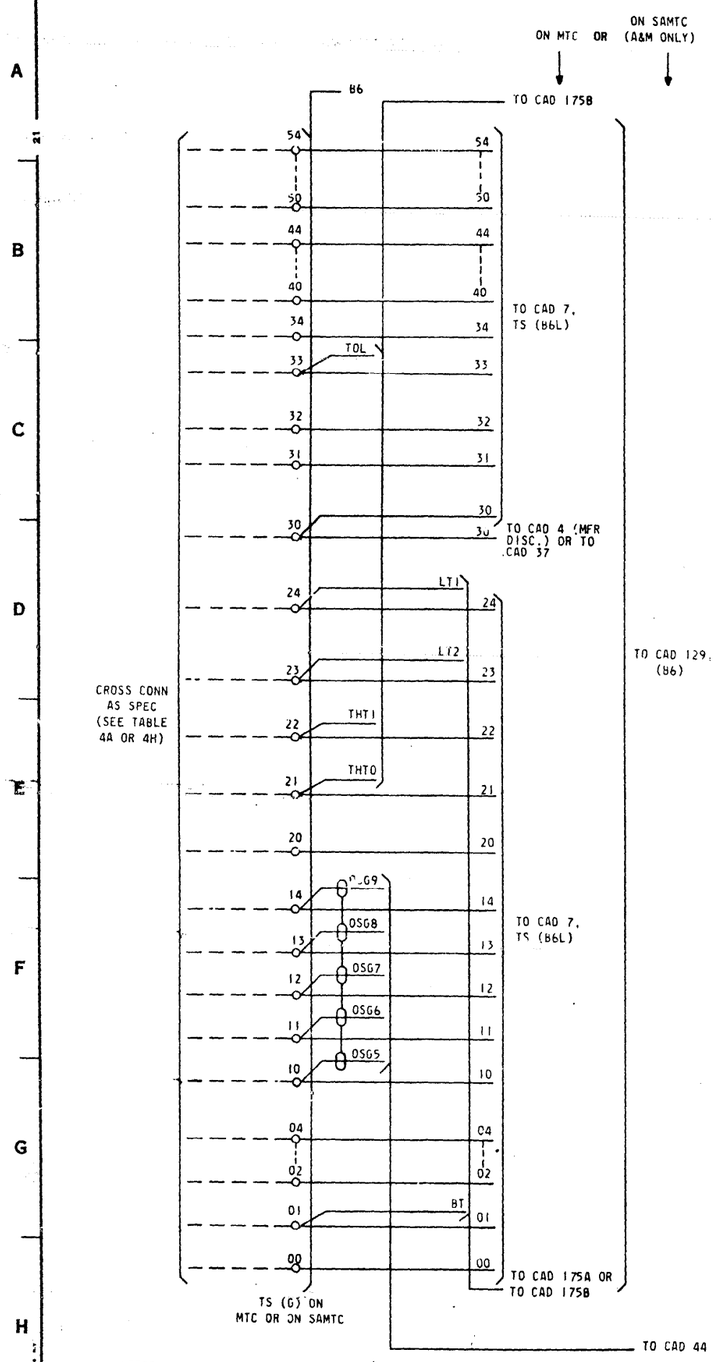
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

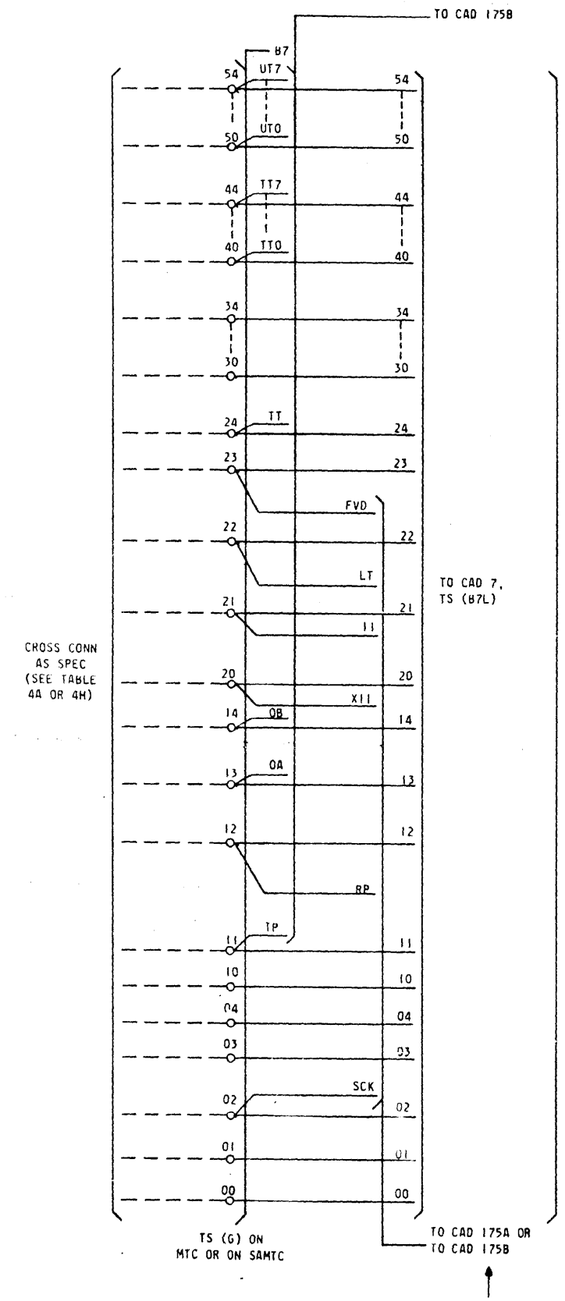
ISSUE 96B

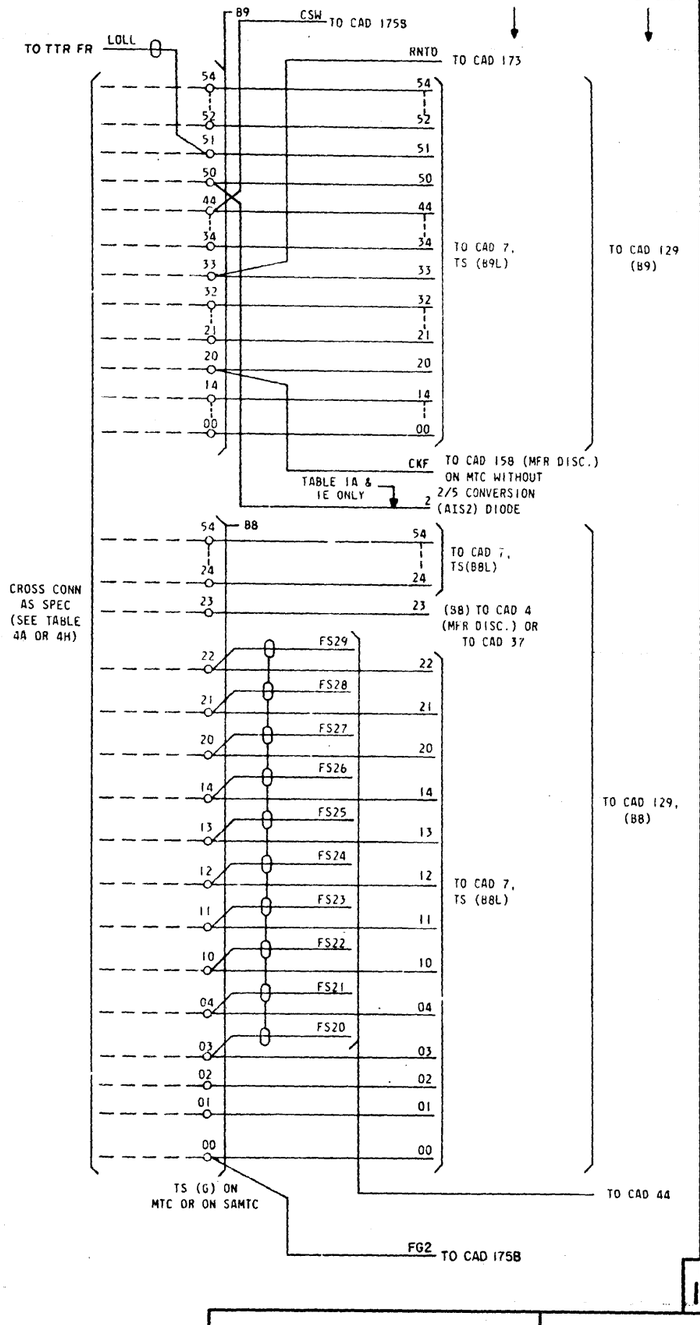
MASTER TEST FRAME CONNECTOR CKT	(2)	SD-25805-01-676F
BELL TELEPHONE LABORATORIES INCORPORATED	6S	PRINTED IN U.S.A.

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 75D

ISSUE 101A

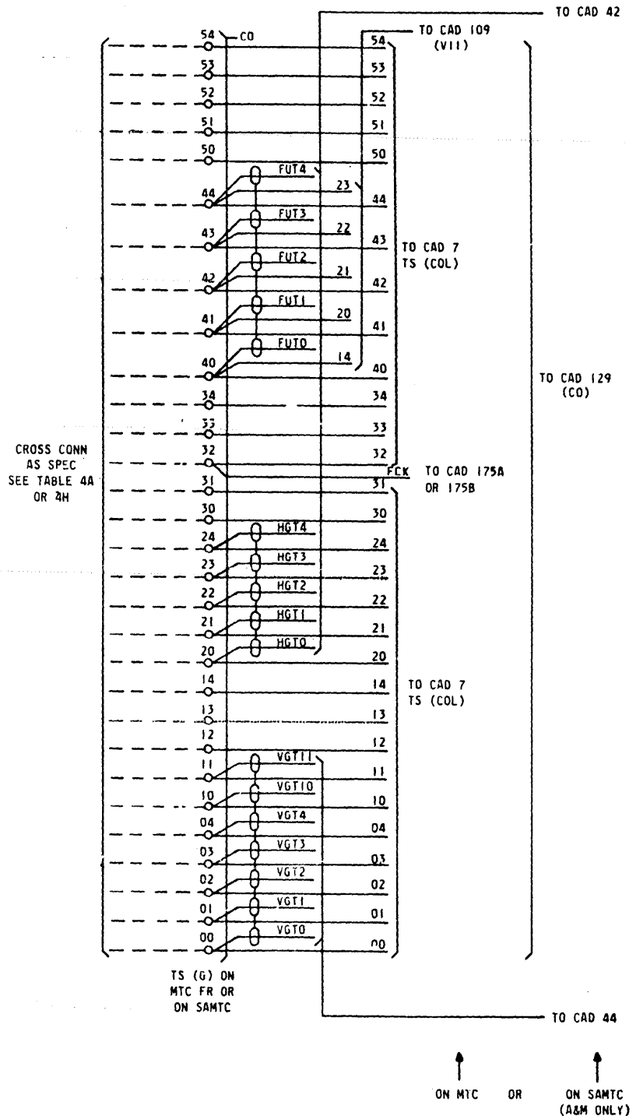
MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-G76G
BELL TELEPHONE LABORATORIES INCORPORATED	6S

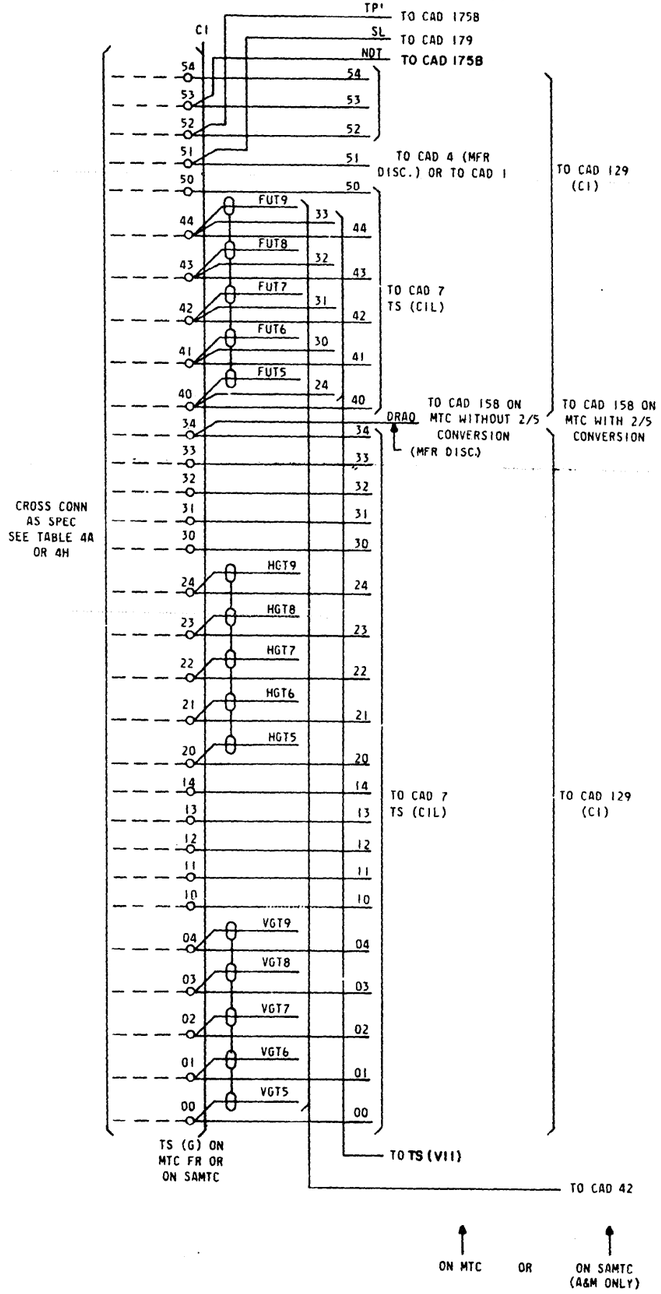
PRINTED IN U.S.A.

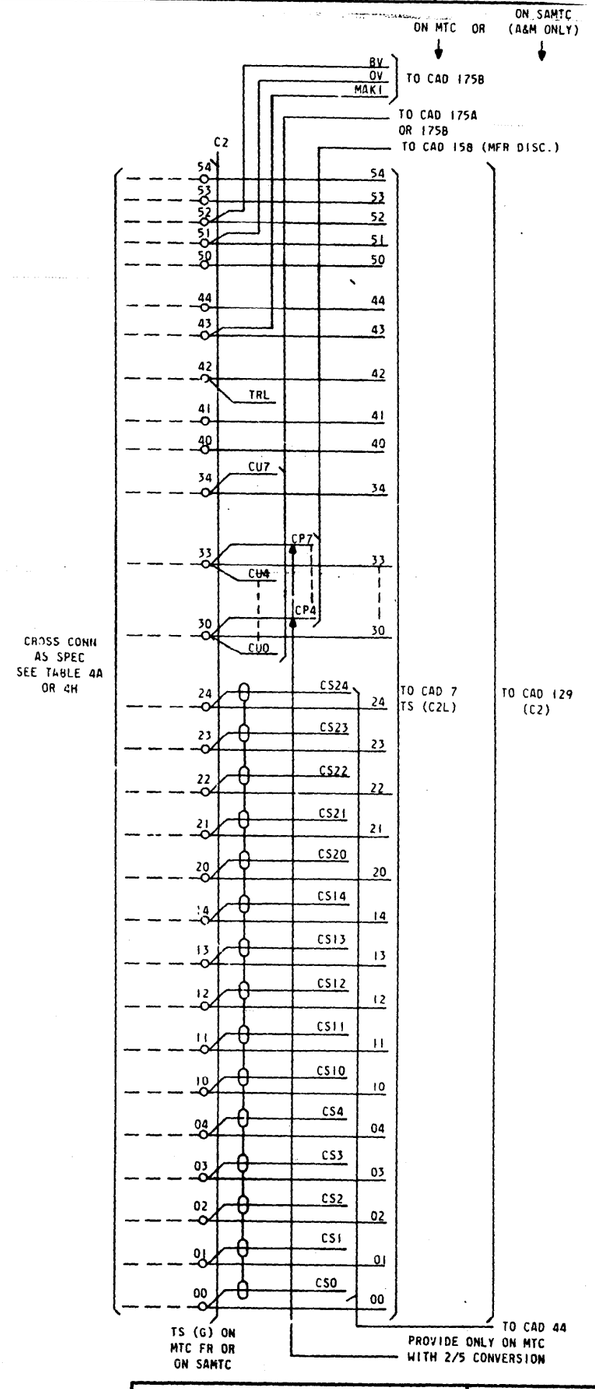
SD-25805-01-G76G

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC FR)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE 75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

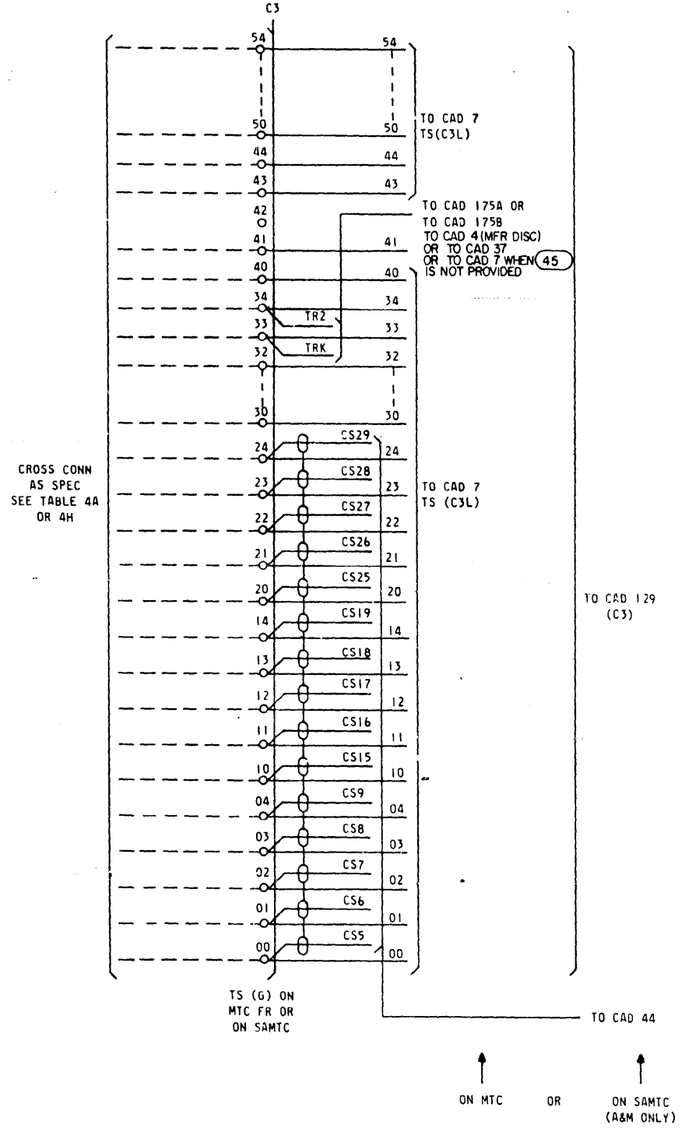
(2) SD-25805-01-G76H

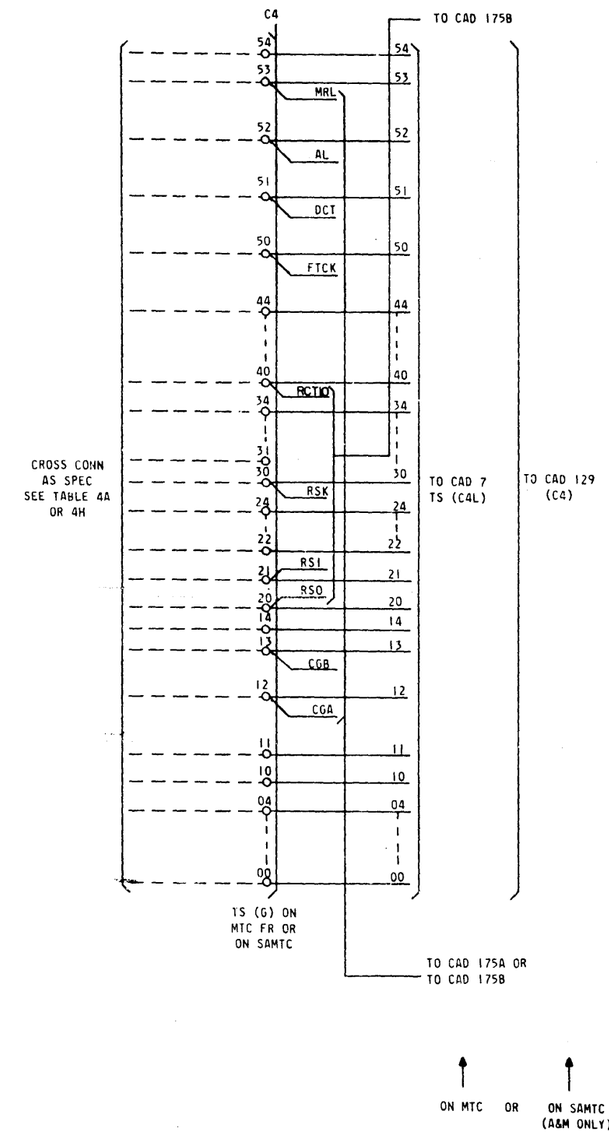
BELL TELEPHONE LABORATORIES INCORPORATED

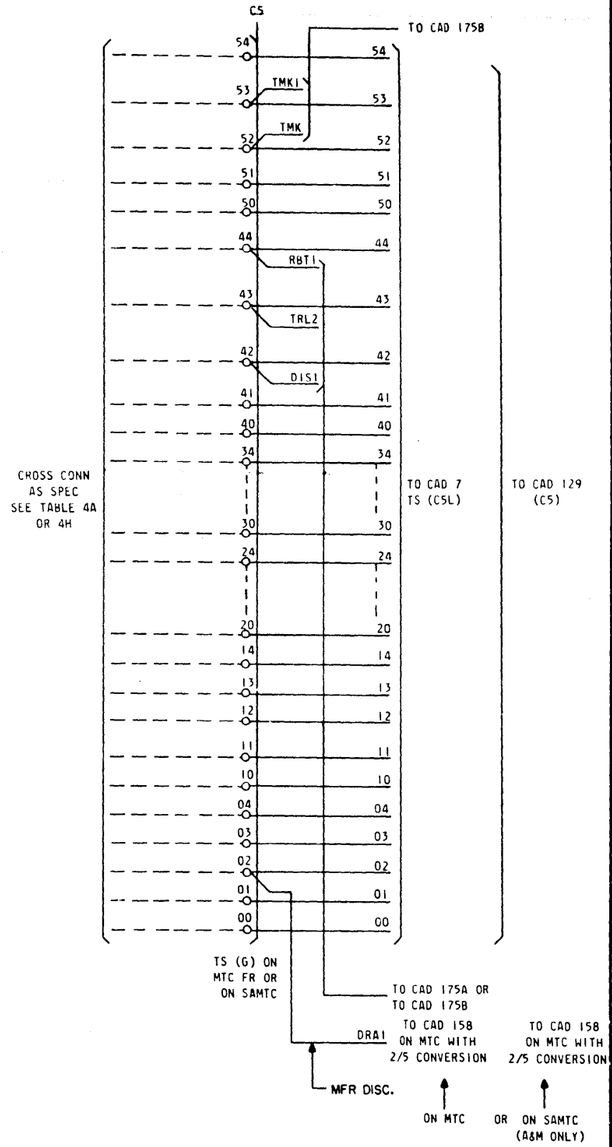
6S

PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC FR)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE 61A.

DRAWING ISSUE 75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G761

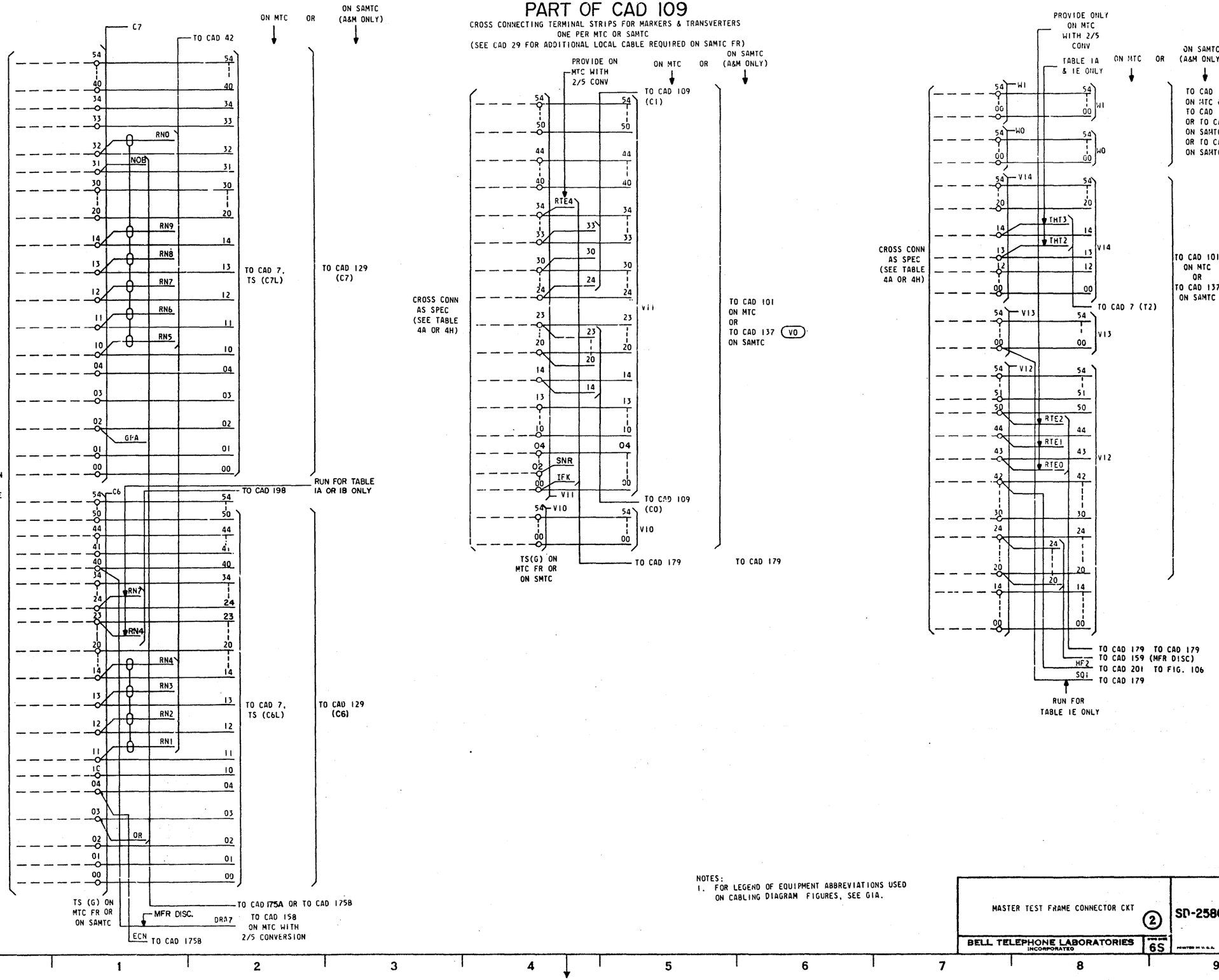
BELL TELEPHONE LABORATORIES INCORPORATED

FORM 6S

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PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS & TRANSVERTERS
ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC FR)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
74A
75D

ISSUE
96B

MASTER TEST FRAME CONNECTOR CKT (2)

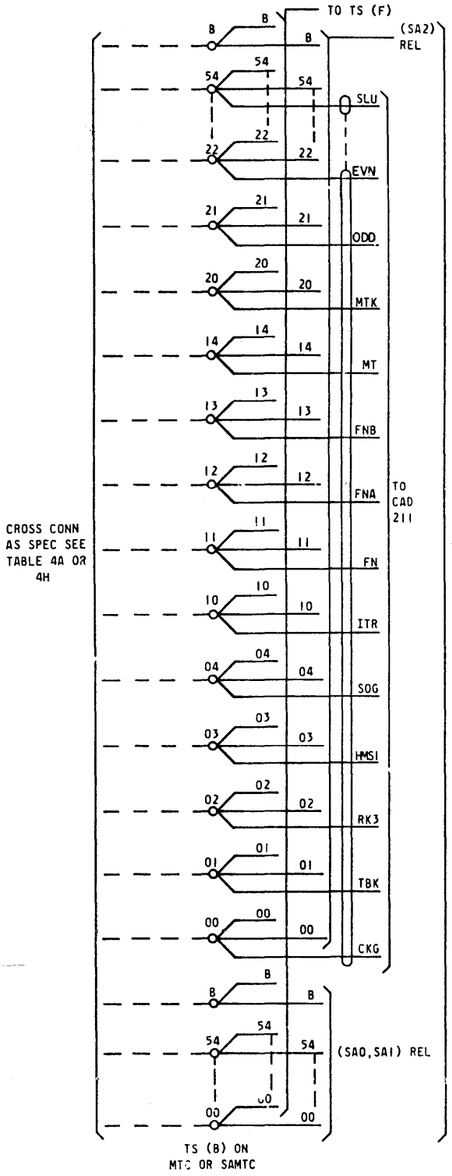
SD-25805-01-G77A

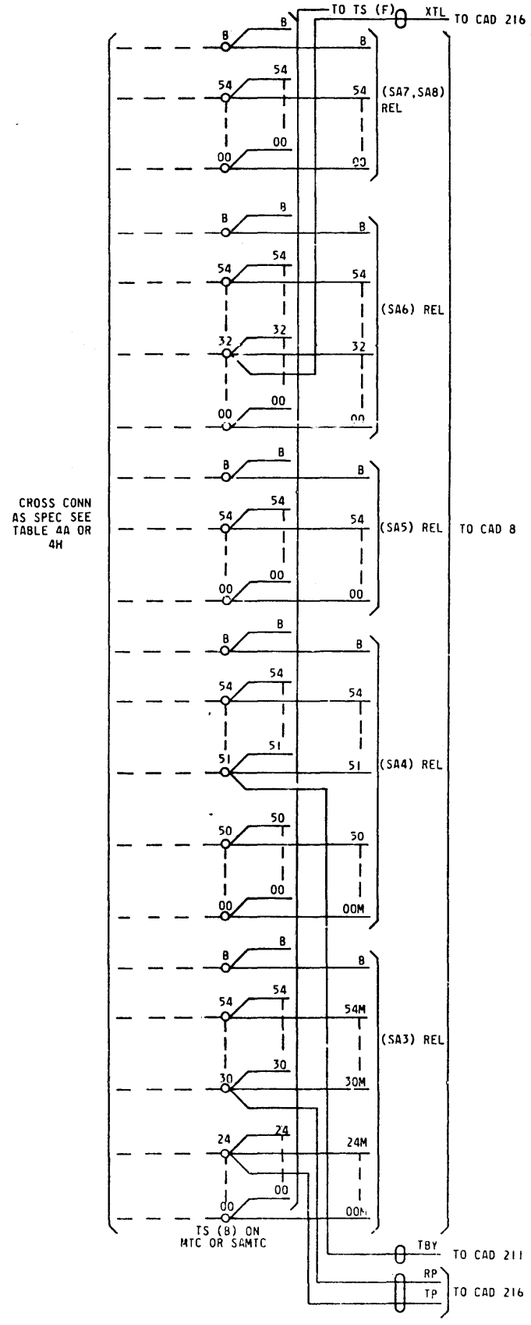
BELL TELEPHONE LABORATORIES INCORPORATED

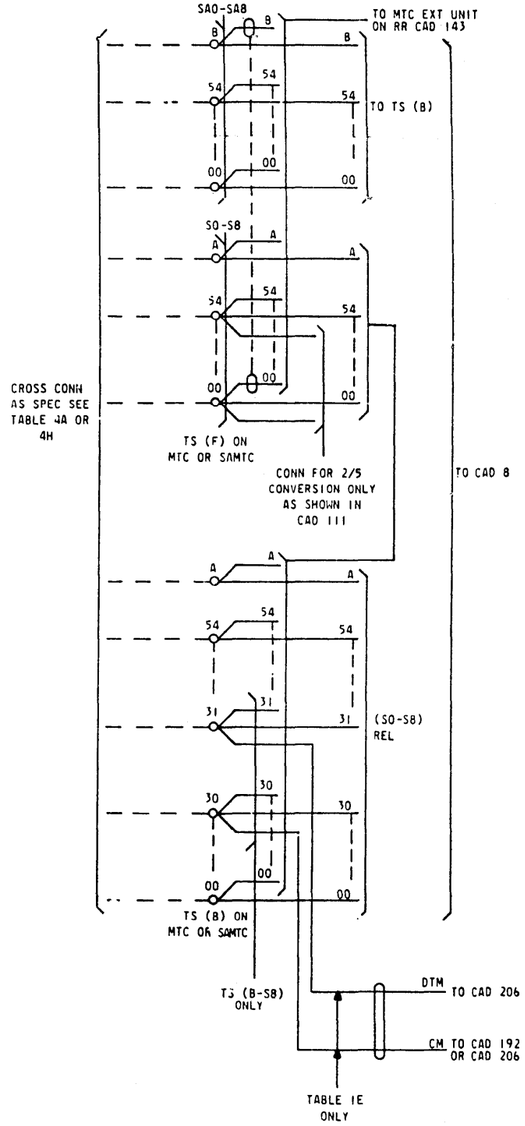
6S

PART OF CAD 110

CROSS CONNECTING TERMINAL STRIPS FOR SCANNING RELAYS ONE PER MTC OR SAMTC







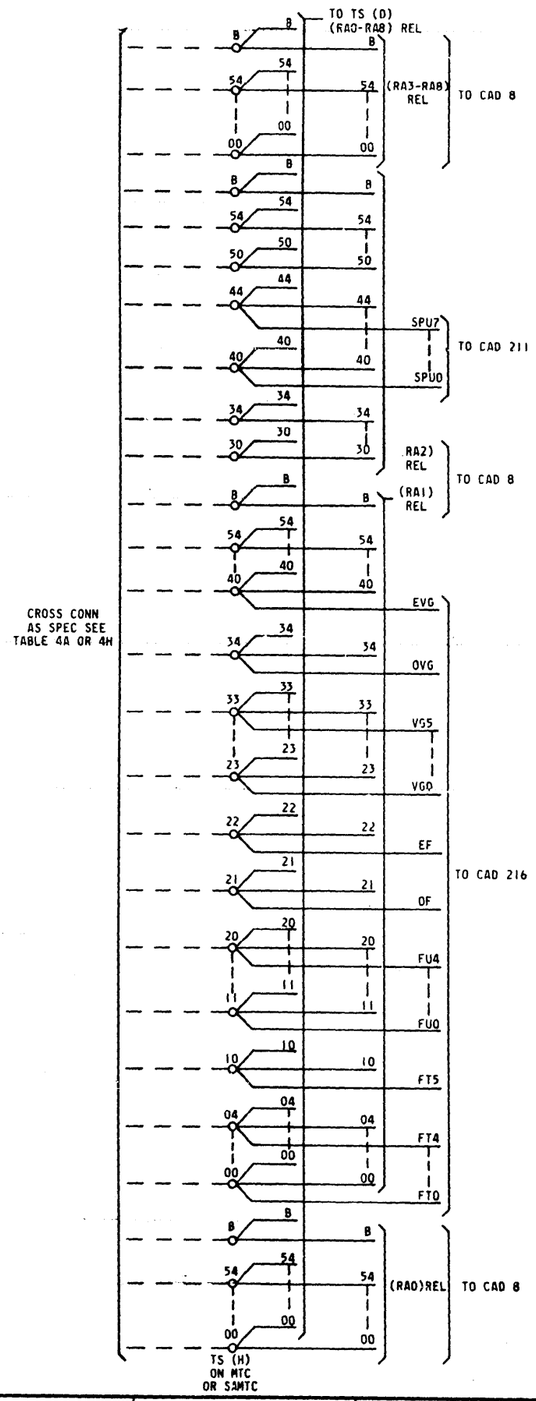
NOTES:

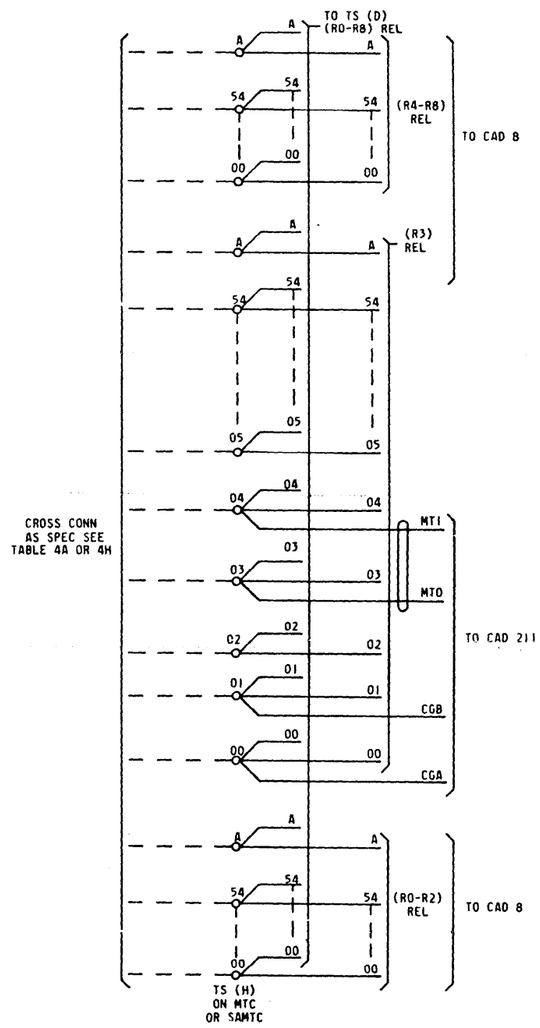
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

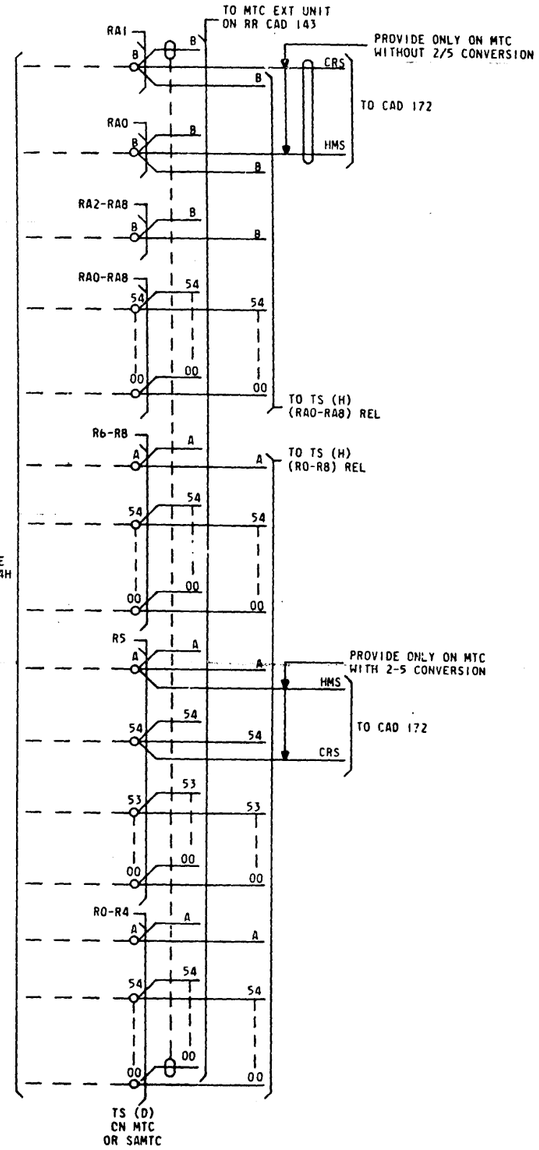
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	6775

PART OF CAD 110

CROSS CONNECTING TERMINAL STRIPS FOR SCANNING RELAYS ONE PER MTC OR SAMTC







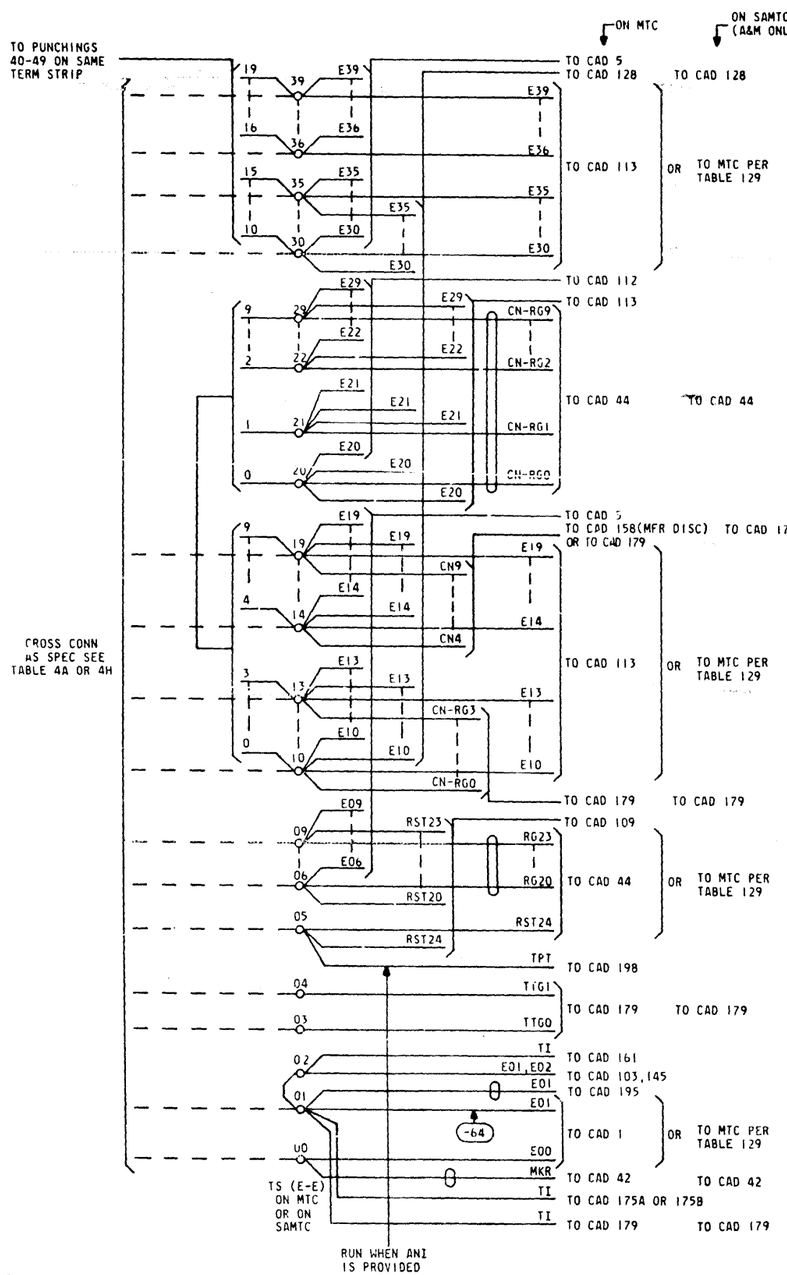
NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		977C

PART OF CAD 111

OTHER CROSS CONNECTION TERMINAL STRIPS
(ALSO SEE CAD 109 & 110)
(SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-	G78A

SD-25805-01-G78A

PART OF CAD 111

OTHER CROSS CONNECTION TERMINAL STRIPS
(ALSO SEE CAD 109 & 110)
(SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)

ON MTC / ON SAMTC (A&M ONLY)

RLK — TO CAD 201

89 E89 — TO CAD 103
88 E88
87 E87
85 E85
84 E84
83 E83 E83 — TO CAD 102 OR TO MTC PER TABLE 129
82 E82 E82
81 E81 E81
80 E80 E80
SDG — TO CAD 179 — TO CAD 179

TO CAD 159 (MFR DISC.)
TO CAD 158 (MFR DISC.)

79 E79 E79
65 E65 E65 — TO CAD 102 OR TO MTC PER TABLE 129
64 E64
63 E63
62 E62
61 E61 E61
60 E60 E60 — TO CAD 102 OR TO CAD 130

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

ARET — TO CAD 162 OR FIG. 94
59 E59 — TO CAD 102 OR TO MTC PER TABLE 129
E57 — TO CAD 163 — TO CAD 163
TO CAD 179 — TO CAD 179

MLF
58 E58
57 E57
56 E56
55 TCI E55 — TO CAD 100 — OR TO CAD 129
54 XTCI E54
53 XTC E53
52 XVGA E52 — TO CAD 100 OR TO CAD 129 (MFR DISC.) OR TO FIG. 86 ON DTMC
51 E51
50 E50

19 49 E49 E49 — TO CAD 112
TO PUNCHINGS 30-39 ON SAME TERM. STRIP
TO CAD 113
10 40 E40 E40
TS(E-E) ON MTC OR ON SAMTC
PROVIDE ON MTC WITHOUT 2/5 CONVERSION

(MFR DISC.)

ON MTC / ON SAMTC (A&M ONLY)

TO CAD 161

PROVIDED ONLY ON MTC WITH 2/5 CONVERSION

119 E119 — TO CAD 7
118 E118
117 E117 — TO CAD 102
116 E116 — TO CAD 7 — OR TO CAD 129
ARET1 — TO CAD 161 — TO CAD 161
PRT — TO CAD 42 — TO CAD 42
115 E115 — TO CAD 102 — TO CAD 102
RTA — TO CAD 158 — TO CAD 158
E115 — TO TERM. E265 OR TO FIG. 103
114 E114
113 E113 — TO CAD 104
E110 — TO CAD 163 — TO CAD 163
112 E112
111 E111 — TO CAD 100
2W
110 E110
109 E109 — TO CAD 112 OR TO MTC PER TABLE 129
ASK
108 E108
RK
107 E107 — TO CAD 104

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

TO CAD 102
106 E106A
E106 — OR TO MTC PER TABLE 129
105 E105
CN2
104 E104 — TO CAD 112
E103
103 E103
CN1
102 E102
E101 — OR TO MTC PER TABLE 129
101 E101
CN0
100 E100
TO CAD 158 — TO CAD 158
ROTL — TO CAD 175A, 175B OR 222 — TO CAD 175A OR 175B

E99
99 E99
98 E98
E97
97 E97
ACDQ
E96
96 E96 — TO CAD 103 — OR TO MTC PER TABLE 129
95 E95
94 E94
ATKT — TO CAD 175A, 175B OR 222 — TO CAD 175A OR 175B
93 E93
MOS
92 E92
MOR — TO CAD 104 — OR TO MTC PER TABLE 129
91 E91
MIR
90 E90
LIT — TO CAD 108 — TO CAD 108
TS(E-E) ON MTC OR ON SAMTC
TO CAD 42 — TO CAD 42
MOS — TO CAD 48 (08)
TO CAD 179 — TO CAD 179

ON MTC / ON SAMTC (A&M ONLY)

SEE CAD 29
TO CAD 49

(MFR DISC.)
136 FR6 ARET — TO CAD 162
135 FR5
134 FR4
E133 — TO CAD 112
133 FR3
FR2
E132 — TO CAD 102
132 E132 — OR TO MTC PER TABLE 129
FR1
E131 E131 E131 — TO CAD 112
131
FR0
E130 E130 E130
130
CROSS CONN AS SPEC SEE TABLE 4A OR 4H
129 FR2
FR1
128 FR0 — TO CAD 128
DRT2 — TO CAD 179
(MFR DISC.)
127 ARET — TO CAD 50 — TO CAD 50
126 CKF — TO CAD 162 — TO CAD 162
125 TRMF — TO CAD 158 — TO CAD 158
124 WGB — TO CAD 161 — TO CAD 161
123 XWB — TO CAD 114 — OR TO FIG. 86
122 E122A
E122
E121A
121 E121 — TO CAD 112
E120A
120 E120
TS(E-E) ON MTC OR ON SAMTC
PROVIDED ONLY ON MTC WITH 2/5 CONVERSION

ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G788

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 65

PART OF CAD 111

OTHER CROSS CONNECTING TERMINAL STRIPS
(ALSO SEE CAD 109 & 110)
(SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)

PROVIDED ONLY ON MTC WITH 2/5 CONVERSION

ON MTC

ON SAMTC (A&M ONLY)

SWAT TO CAD 46 (MFR DISC) TO CAD 103 — TO CAD 46 (MFR DISC.) TO CAD 103

171 E171 ACOO
170 E170
169 E169 FUT7
168 E168 FUT4
167 E167 FUT2
166 E166 FUT1
165 E165 FUT0 — TO CAD 179 — TO CAD 179
164 E164
163 E163
162 E162
161 E161
160 E160
159 E159 TSA
158 E158
157 E157
156 E156
155 E155
154 E154 LLCK
153 E153 TSQ7
152 E152 TSQ4 — TO CAD 179 — TO CAD 179
151 E151 TSQ2
150 E150 TSQ1
149 E149
148 E148 — TO CAD 158 (MFR DISC.)
147 E147
146
145
144
143
142
141
140 E140 — TO CAD 112 OR TO MTC PER TABLE 129

139 FR9 MD — TO CAD 49
138 FR8 CKF — TO CAD 158 (MFR DISC.)
137 FR7 TRMF — TO CAD 161
SEE CAD 29

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

TS (E-E) ON MTC OR ON SAMTC

ON MTC — ON SAMTC (A&M ONLY)

TO CAD 158 (MFR DISC.) TO CAD 46 (MFR DISC.)

254 E254 E254
250 E250 E250
249 E249
240 E240
239 E239 E239
235 E235 E235
234 E234
233 E233
232 E232
231 E231 E231
230 E230
229 E229 E229
228 E228 E228
227 E227
226 E226
225 E225
224 E224
223 E223 E223 — TO CAD 128 — TO CAD 128
222 E222 E222
221 E221 E221
220 E220
219 E219 E219
218 E218
217 E217 E217
216 E216 E216
215 E215 E215
214 E214
210 E210
209 E209 E209
208 E208
207 E207
202 E202
201 E201
200 E200 E200

(VN) TO CAD 126 OR (VO) TO CAD 137 OR TO CAD 194 — TO CAD 101 OR

FG2 — TO CAD 175A TO CAD 103 — TO CAD 175A
DRC — TO CAD 179 TO CAD 116 — TO CAD 179 OR TO FIG. 86
WGA — (VN,VS) TO MTC PER TABLE 129 OR (VO) TO CAD 137 OR TO CAD 194

TABLE IA & IB ONLY

199 E199 (LV,LX) G19 (LU) E199 — (LU) TO CAD 101 FOR AMA OR TO CAD 142 FOR ANI OR (LV,LX) TO CAD 195
G19 E180 (LV,LX) GO (LU) F180
180 GO
(LW) TO CAD 148 FOR AIOD WITH ANI

TO CAD 43 — TO CAD 43

129 TCB
128 TCA
127 E127
126 E126
125 E125
124 E124
123 E123
122 E122 — TO CAD 158 (MFR DISC.) — TO CAD 158 (MFR DISC.)

TS (E-E) ON MTC OR ON SAMTC

PROVIDE ONLY ON MTC WITH 2/5 CONVERSION

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

ON MTC — ON SAMTC (A&M ONLY)

TOR1 TO CAD 221
TV TO CAD 218

309 E309 — TO CAD 101 OR (VO) TO CAD 137 OR TO CAD 194
306 E306
TV TMG — TO CAD 42 — TO CAD 42
305 E305
304 E304 RTA — TO CAD 101 (MFR DISC.) TO CAD 158 — OR (VO) TO CAD 137 OR TO CAD 194
303 E303 STC — TO CAD 50 — PROVIDE ONLY ON MTC WITHOUT 2/5 CONVERSION
302 E302 — TO CAD 101 — OR (VO) TO CAD 137 OR TO CAD 194
E302 TO CAD 103
E302 TO CAD 101
E302 TO CAD 46 (MFR DISC.)
301 E301
300 E300 — TO CAD 101 — OR (VO) TO CAD 137 OR TO CAD 194
299 E300 — TO CAD 112 — TO CAD 112
E299
270 E270 — TO CAD 101 FOR AMA OR TO CAD 142 FOR ANI — OR (VN,VS) TO MTC PER TABLE 129 OR (VO) TO CAD 137 OR TO CAD 194
E270 — TO CAD 148 FOR AIOD WITH ANI

269 E269
268 E268
267 E267
266 E266
265 E265 — TO CAD 101 — OR (VO) TO CAD 137 OR TO CAD 194
264
263 E263
262 E262
261 E261
260 E260
E115 (LW) TO TERM. E115

TO CAD 148 FOR AIOD WITH ANI

259 E259 (LV,LX) GB (LU) E259 — (LU) TO CAD 101 FOR AMA OR TO CAD 142 FOR ANI OR (LV,LX) TO CAD 195 — OR (VN,VS) TO MTC PER TABLE 129 OR (VO) TO CAD 137 OR TO CAD 194
258 E258 (LV,LX) GA (LU) E258
257 E257
256 E256 — TO CAD 101 — OR (VO) TO CAD 137 OR TO CAD 194
255 E255 — TO CAD 101 — OR (VN) TO CAD 126 OR (VO) TO CAD 137 OR TO CAD 194

TS (E-E) ON MTC OR ON SAMTC

DRAWING ISSUE	
62D	LT
66D	SAS
68D	
70D	
71D	
73D	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-G79A

BELL TELEPHONE LABORATORIES INCORPORATED — 6S — PRINTED IN U.S.A.

SD-25805-01-G79A

PART OF CAD 111

OTHER CROSS CONNECTING TERMINAL STRIPS (ALSO SEE CAD 109 & 110)
(SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)

ON MTC (A&M ONLY) / ON SAMTC (A&M ONLY)

TO CAD 50 / TO CAD 42 — TO CAD 50 / TO CAD 42

DRA29 DRA9 E349 — 349

DRA25 DRA5 E345 — 345 — TO CAD 101 OR TO MTC PER (VN) TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

DRA24 DRA4 E344 — 344

DRA4

DRA23 DRA3 E343 — 343

DRA3

DRA22 DRA2 E342 — 342 — TO CAD 101 OR TO MTC PER (VN) TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

DRA2

DRA21 DRA1 E341 — 341

DRA1

DRA20 DRA0 E340 — 340 — TO CAD 101 OR (VN) TO CAD 136 OR (VO) TO CAD 137 OR TO CAD 194

DRA0

FG2 — TO CAD 175A / TO CAD 175A — PROVIDE ON MTC WITHOUT 2/5 CONVERSION

CROSS CONN AS SPEC SEE TABLE 4A OR 4M

339 E339 — TABLE IE ONLY

333 E333 — E333

332 E332 — E332

331 E331 — E331

330 E330 — E330

329 E329 — E329

328 E328 — TO CAD 101 OR TO MTC PER (VN) TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

324 — TO CAD 179

TTGO

323 E323 — 323

322 — 322

321 — 321

320 E320 — E319

319 — E318

318 E318 — E317

317 — E310

310

TS (E-E) ON MTC OR ON SUPL AUX MTC

TO CAD 46 (MFR DISC.) / TO CAD 158 (MFR DISC.) / TO CAD 112

TO CAD 46 (MFR DISC.) / TO CAD 158 (MFR DISC.) / TO CAD 112

CROSS CONN DRTO OR DRTI TO DRT (CO-C11) AND DRT (DO-D5) ACCORDING TO THE TENS DIGIT OF MKR NUMBER (MO-MI7). SEE TABLES 4B AND 4P

399 E399 — TO CAD 46 (MFR DISC)

398 E398

397 E397

396 E396 — E396 — TO CAD 101 OR TO MTC (VN) PER TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

395 E395 — E395

394 E394 — E394

389 E389 — E389

387 E387 — E387

386 E386 — E386

CROSS CONN AS SPEC SEE TABLE 4A OR 4M

385 E385 — E385 — TO CAD 101 OR (MFR DISC.) TO CAD 158 TO CAD 161 — TO (VN) CAD136 OR TO (VO) CAD 137(MFR DISC.)OR TO CAD 194 — TO CAD 158 TO CAD 161

384 E384 — E384

ARET1 — E384

CROSS CONN DRT (CO-C11) AND DRT (DO-DS) TO DRTO OR DRTI ACCORDING TO TENS DIGIT OF MKR NUMBER (MO-MI7). SEE TABLES 4B AND 4P

383 E383 — E383

382 E382 — E382

381 E381 — E381 — TO CAD 101 OR — TO MTC (VN) PER TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

380 E380 — E380

REC — E379 — TO CAD 42 — TO CAD 42

379 E379

378 E378 — E378

377 E377 — E377

376 E376 — E376 — TO CAD 101 OR — (VO) TO CAD 137 OR TO CAD 194

375 E375 — E375

374 E374 — E374

373 — PROVIDE ON MTC WITHOUT 2/5 CONVERSION ONLY

DRT1 — REC — E372 — TO CAD 50 — TO CAD 50

372

371

DRTO — 370 — E370 — TO CAD 104

TO CAD 49 / TO CAD 102

369 E369 — E369

368 E368 — E368

367 E367 — E367

366 E366 — E366

DR5 — 365 E365 — E365 — TO CAD 104 OR TO MTC PER TABLE 129

DR4 — 364 E364 — E364

DR2 — 362 E362 — E362

DR1 — 361 E361 — E361

DR0 — 360 E360 — E360

CROSS CONN AS SPEC SEE TABLE 4A OR 4M

DR9 — DR29 E359 — TO CAD 50 — TO CAD 50

359

DR8 — DR28 E358 — E358

358

DR7 — DR27 E357 — E357

357

DR6 — DR26 E356 — E356 — TO CAD 101 OR — TO (VO) CAD 137 OR TO CAD 194

DR5 — DR25 E355 — E355 — DR5

355

DR4 — DR24 E354 — E354 — DR4 — TO CAD 179

354

DR2 — DR22 E352 — E352 — DR2

352

DR1 — DR21 E351 — E351

351

DR0 — DR20 E350 — E350

350

TS (E-E) ON MTC OR ON SAMTC

TO CAD 42 / E351/DR1 TO CAD 158 (MFR DISC.) OR TO CAD 179 / E351/DR0

TO CAD 42 / TO CAD 42

CROSS CONN DR (CO-C11) AND DR (DO-D5) TO (DRO-DR9) ACCORDING TO UNITS DIGIT OF MKR NUMBER (MO-MI7) CROSS CONN DR (LIT) PER NOTE 108. SEE TABLES 4B AND 4P. ON MTC WITH 2/5 CONVERSION WITHOUT EXP MKR OPR. CROSS CONN DR (CO-C7) TO (DRO-DR7) FOR COMPL MKRS AND DR (DO-D3) TO (DRO-DR3) FOR DT MKRS. SEE TABLE 4P.

ON MTC / ON SAMTC (A&M ONLY)

ORT

DRT (D5) D5 — DRT (D5) — TO CAD 166 ON 2SMTC

DRT (D4) D4 — DRT (D4)

DRT (D3) D3 — DRT (D3)

DRT (D2) D2 — DRT (D2) — TO CAD 100

DRT (D1) D1 — DRT (D1)

DRT (D0) D0 — DRT (D0)

DTM 31 SHOWN ON CAD 110

DRT (C11) C11 — DRT (C11)

DRT (C10) C10 — DRT (C10) — TO CAD 165 ON 2SMTC

DRT (C9) C9 — DRT (C9)

DRT (C8) C8 — DRT (C8)

DRT (C7) C7 — DRT (C7) — TO CAD 3

DRT (C6) C6 — DRT (C6)

DRT (C5) C5 — DRT (C5)

DRT (C4) C4 — DRT (C4)

DRT (C3) C3 — DRT (C3) — TO CAD 3

DRT (C2) C2 — DRT (C2)

DRT (C1) C1 — DRT (C1)

DRT (C0) C0 — DRT (C0)

CM 30 SHOWN ON CAD 110

TS(F-SB) ON MTC

CONNECT ON MTC WITH 2/5 CONVERSION WITHOUT EXP MKR OPR ONLY

DR (LIT) LIT — DR — DR — TO CAD 108

DR (D5) D5 — DR (D5) — TO CAD 166 ON 2SMTC

DR (D4) D4 — DR (D4)

DR (D3) D3 — DR (D3)

DR (D2) D2 — DR (D2) — TO CAD 100

DR (D1) D1 — DR (D1)

DR (D0) D0 — DR (D0)

DR (C11) C11 — DR (C11)

DR (C10) C10 — DR (C10) — TO CAD 165 ON 2SMTC

DR (C9) C9 — DR (C9)

DR (C8) C8 — DR (C8)

DR (C7) C7 — DR (C7)

DR (C6) C6 — DR (C6)

DR (C5) C5 — DR (C5)

DR (C4) C4 — DR (C4) — TO CAD 3

DR (C3) C3 — DR (C3)

DR (C2) C2 — DR (C2)

DR (C1) C1 — DR (C1)

DR (C0) C0 — DR (C0) — TO CAD 3

TS(F) ON MTC

TS(F-SB) ON MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
62D	FOD
66D	SAS
68D	
70D	
71D	
73D	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G79B

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PART OF CAD III

OTHER CROSS CONNECTING TERMINAL STRIPS (ALSO SEE CAD 109 & 110) (SEE CAD 29 FOR ADDITIONAL LEADS REQUIRED ON SUPL AUX MTC)

ON MTC | SAMTC (A & M ONLY)

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

TS (D) ON MTC FR OR ON SAMTC FR

TS (G) ON MTC OR ON SAMTC

PROVIDE ONLY ON MTC WITH 2/5 CONVERSION

PROVIDE ONLY ON MTC WITHOUT 2/5 CONVERSION

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE	
62D	NF
64D	FU
66D	BE
70D	
71D	
73D	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G80A

BELL TELEPHONE LABORATORIES INCORPORATED 6S

CAD 112

SWBD CABLE FROM MTC
TO OTHER CONN FRAMES

TO NO GR CONN CKT
- NGC9 — G39
- NGCO — G30
- NGCT3 — G28
- NGCTO — G25

TO ORMC CKT
- FR3 — E133
- FR2 — E122A
- FR1 — E121A
- FRO — E120A
- CN3 — E106A
- CN2 — E104
- CN1 — E102
- CNO — E100

TO CAD 111
- RPSA — E147
- RPB — E146
- RPAB — E149
- RP4 — E144
- RPO — E140

TO TBL RCDR CONN CKT
- FR2 — E122
- FR1 — E121
- FRO — E120
- CN3 — E106
- CN2 — E105
- CN1 — E103
- CNO — E101

WB REM SW SIG CONT CKT OR WB SUPL REM SW SIG CONT CKT
- RS2 — E318
- RS1 — E329
- RSO — E300

TO TRT CKT
- U7 — U7
- UO — UO
- T7 — T7
- TO — TO
- HN1 — HN1
- HNO — HNO

OH

NOTES:
1 FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

TO LLMC CKT
- FR2 — E132
- FR1 — E131
- FRO — E130
- CN19 — E49
- CN10 — E40
- CN9 — E29
- CNO — E20
- 2W — E110
- 4W — E109

TO CAD 111

TO OSC CKT
- FR4 — G09
- FRO — G05
- CN3 — G04
- CNO — G01

TO CAD 3
- SRT — SRT
- SG — SG
- CNG — CNG
- FRG — FRG

TO DIRECT ACCESS PRT CONN CKT(3)
- DAC2 — G75

TO DIRECT ACCESS PRT CONN CKT(2)
- DAC1 — G74
- DACO — G73

TO CAD 111

TO DIRECT ACCESS PRT CONN CKT (1)
- DACB — G24A
- DACA — G25A

TO WB LL BS TL CKT
- TSGB — TSGB
- TSGA — TSGA

TO CAD 45 (MFR DISC.)
- RSGB — RSGB
- RSGA — RSGA

TO CAD 111 (MFR DISC.) TS(G)
- TS3 — G79
- TS2 — G78
- TS1 — G77
- TSO — G76

TO FIG.58, (AO) OR (B5) REL OR TO CAD 6, OR (A8) REL
- SG7 — SG7
- SGO — SGO

TO OS AIS CKT
- OS2 — OS2
- OS1 — OS1
- OS0 — OS0
- OS3 — OS3

TO FIG.59, TS (B1) OR TO CAD 7, TS (B3R)

PART OF CAD 111

(FOR WIDEBAND OR BIT-STREAM)
OTHER CROSS CONNECTING TERMINAL STRIPS (ALSO SEE CAD 109 & 110) (SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)

CROSS CONN AS SPEC SEE TABLE 4H

NH
- 34 — WB — BCN
- 24 — LLC3
- 33 — LLC2
- 23 — LLC1
- 32 — LLCO
- 22 — LSK
- 31 — LLCK

TO CAD 46 (MFR DISC.)

21 30 20 14

NH
- 04 — WB04
- 13 — WB13
- 03 — WB03
- 12 — WB12
- 02 — WB02
- 11 — RWL
- 01 — WB01
- 10 — WB10
- 00 — WB00

TTG1 — TO CAD 179

WB04 WB13 WB03 WB12 WB02 WB11 WB01 WB10 WB00

TO CAD 46 (MFR DISC.)

WB00
- PK1 — TO CAD 163
- TO CAD 103
- WB00 — TO CAD 100

TS (C) ON MTC FR OR ON SAMTC

DRAWING ISSUE	
62D	JK
66D	BEN
68D	
70D	
71D	
75D	

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

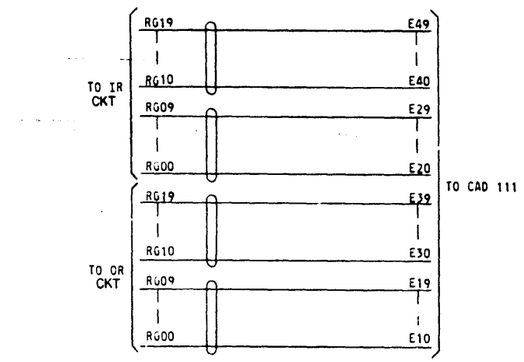
SD-25805-01-G80B

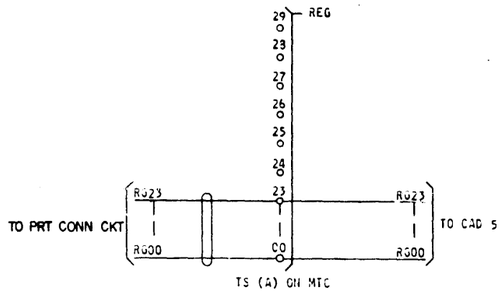
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SD-25805-01-G80B

CAD 113
SWBD CA FROM MTC
TO OR & IR

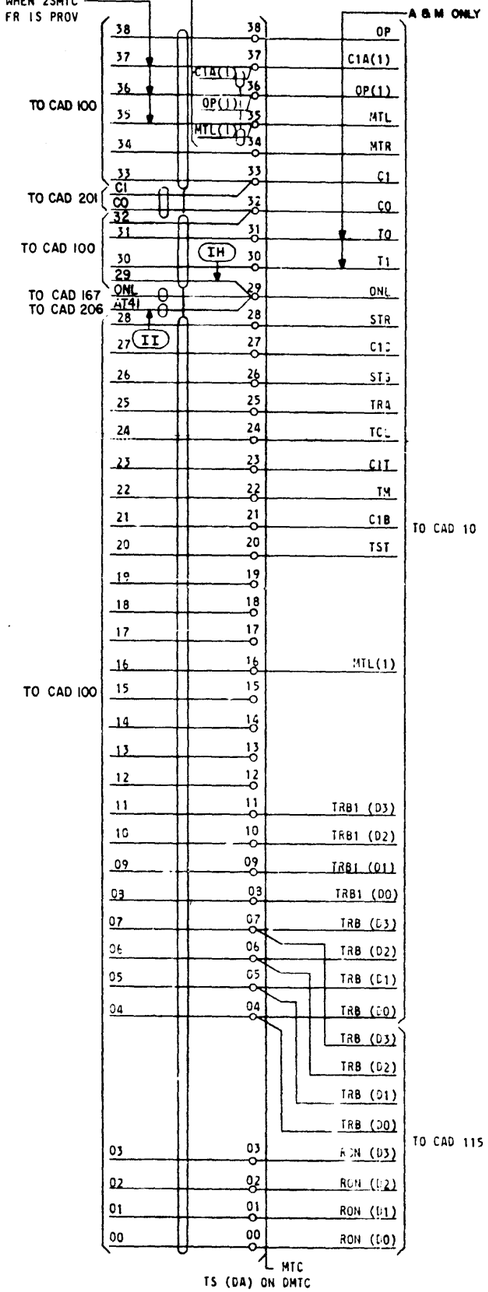




TS (A) ON MTC

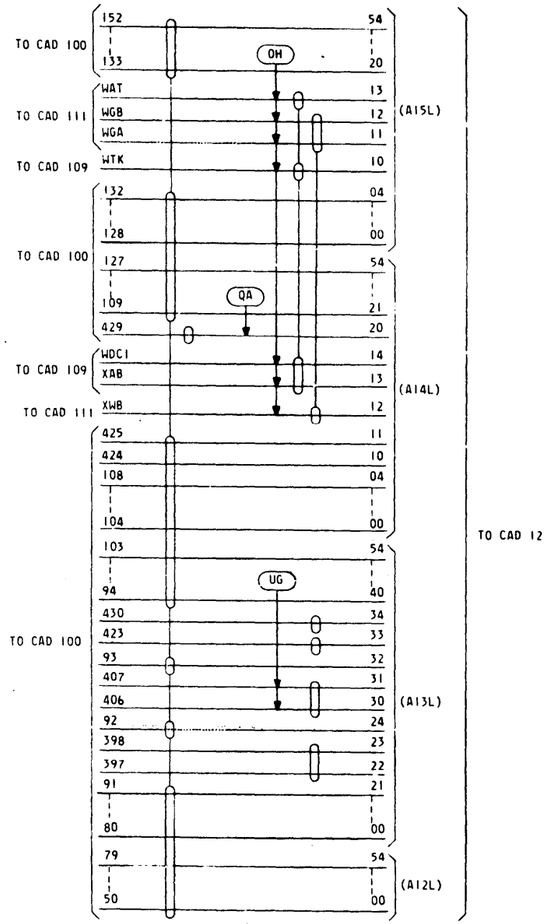
TO CAD 167
ON 2SMTC FR

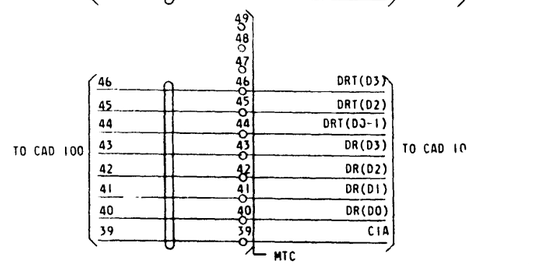
DO NOT CONN
WHEN 2SMTC
FR IS PROV



TS (DA) ON DMTC

PART OF CAD 114
SWBD CA FROM DMTC TO MTC





TS (DA) ON DMTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
43D CLK
45D
48AR
56D
68D
70D
71D
75D

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G81

BELL TELEPHONE LABORATORIES INCORPORATED 6S

TABLO

SD-25805-01-G81

PART OF CAD 114

SWBD CA FROM MTC FOR DIAL TONE MARKER TO MTC

DRAWING ISSUE	
43D	GA/ CLK AMP
45D	JB GA/ AMP
48D	RLR RLP AMP
53AR	LW AMP
68D	
70D	

206	54	
197	40	
196	14	(B10R)
192	10	
159	54	
158	53	
169	52	
168	51	
167	50	
190	44	
191	42	
401	41	
400	40	
139	34	
188	33	
426	31	
187	30	
399	24	(A17R)
186	23	
133	20	
413	14	
TO CAD 100 132	13	TO CAD 12
417	12	
414	04	
165	03	
136	02	
163	01	
162	00	
166	54	
160	53	
155	52	
181	43	
180	42	
179	41	
178	34	
177	30	
171	14	(A16R)
CWF	12	
CWK	11	
157	10	
161	04	
170	02	
154	01	
153	00	

349	54	
343	52	
339	51	
338	50	
317	44	
316	43	
315	42	(C10L)
402	41	
314	40	
294	00	
347	54	
346	52	
293	51	
287	40	
223	24	(C9R)
422	33	
286	32	
TO CAD 100 269	00	
268	54	
238	34	
351	33	TO CAD 12
257	32	
250	20	(C8R)
244	13	
243	12	
229	11	
239	00	
238	30	
224	01	(C12R)
222	54	
213	40	
413	34	
409	30	
421	24	(B11R)
212	22	
408	21	
211	20	
431	14	
210	13	
207	10	

396	54	
384	32	(T7L)
383	54	
374	40	
373	33	
372	32	(T6L)
428	31	
427	30	
371	44	
370	40	
369	14	(T5L)
368	12	
367	53	
366	52	
365	51	
364	42	
361	34	
360	31	
359	24	(T4L)
TO CAD 100 358	21	TO CAD 12
354	12	
353	03	
352	02	
345	54	
342	53	
341	52	
340	51	
300	50	
420	44	
419	43	
337	42	(C11L)
333	33	
405	32	
404	31	
403	30	
332	24	
318	00	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

70

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25905-01-G82

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FORM 6S

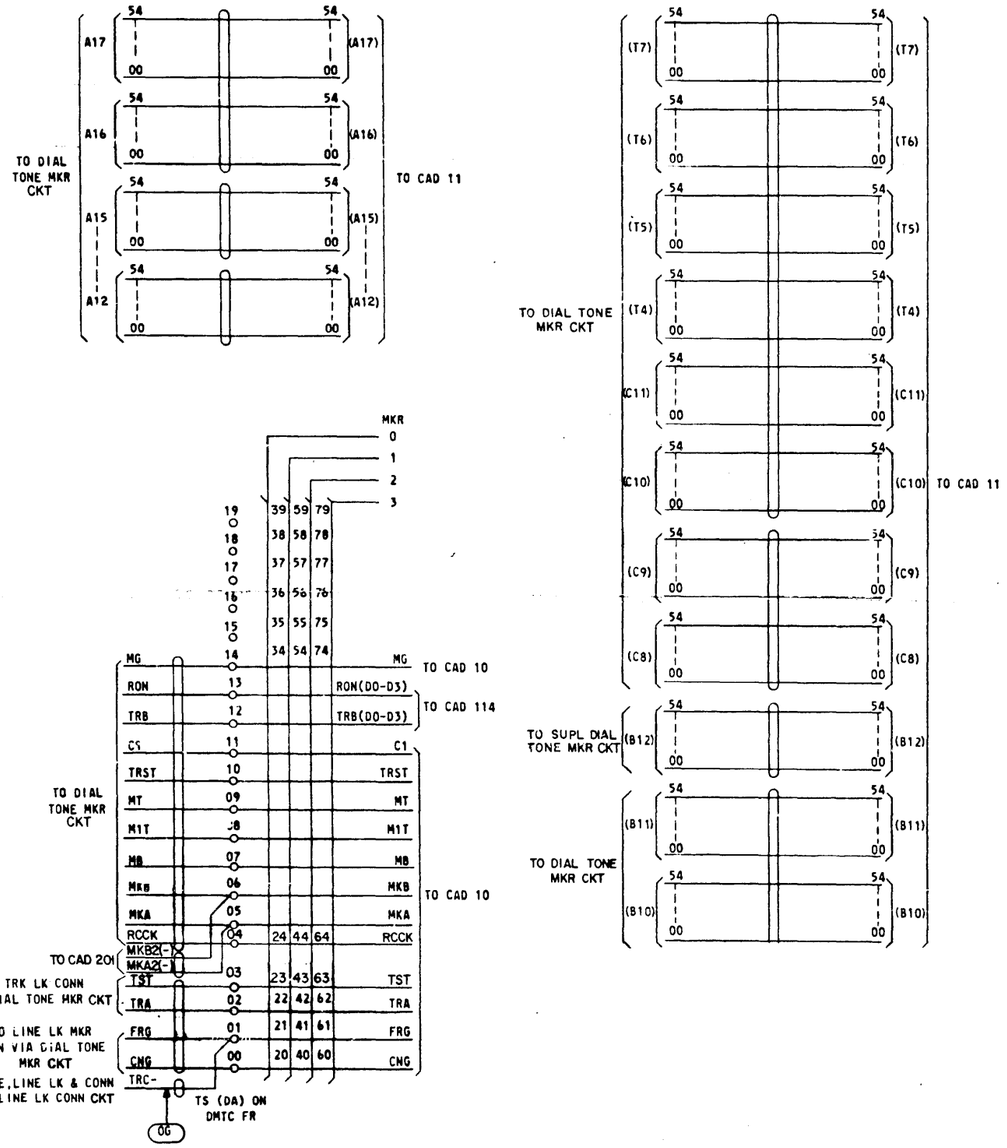
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SD-25905-01-G82

STABILO

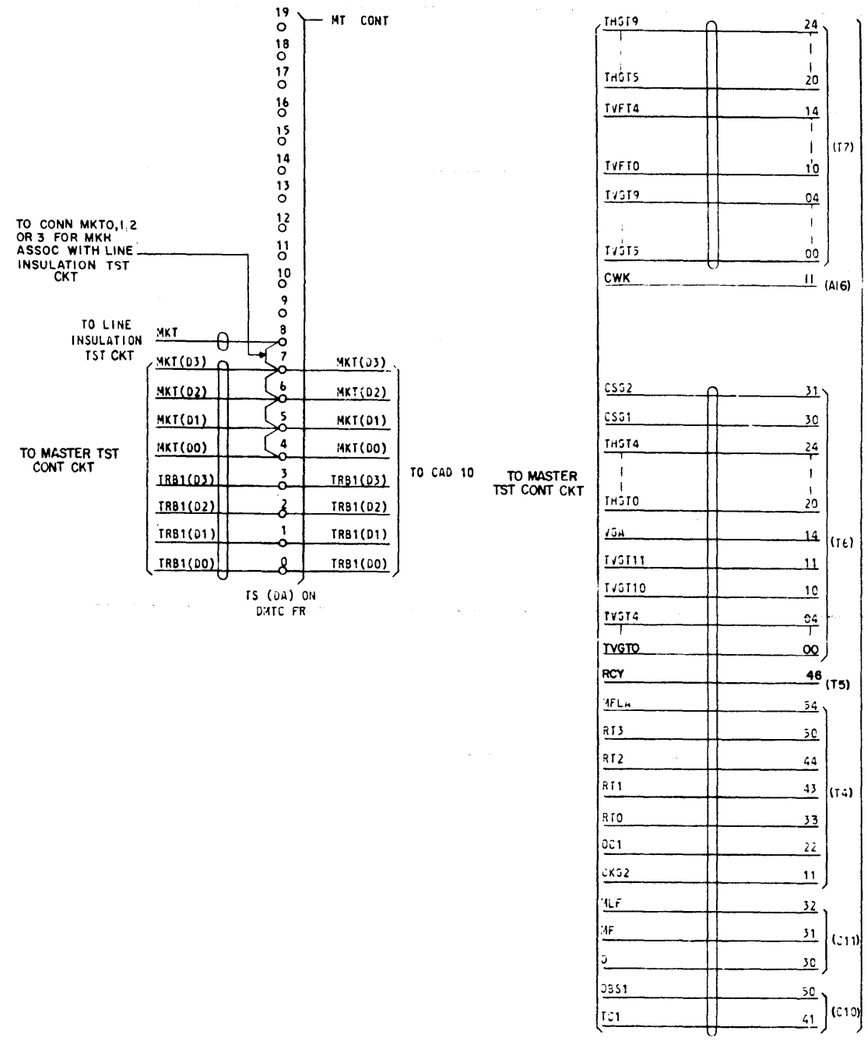
CAD 115

SWBD CA FROM MTC FOR DIAL TONE MARKERS TO DIAL TONE MARKER FR ONE PER DIAL TONE MARKER



CAD 116

SWBD CA FROM MTC FOR DIAL TONE MARKERS TO MTF CONT AND LINE INSULATION TEST FR



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 JGS CLM RLP
480 MAG DAM PDT AND
600 DAM PDT AND
700

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G83

BELL TELEPHONE LABORATORIES INCORPORATED

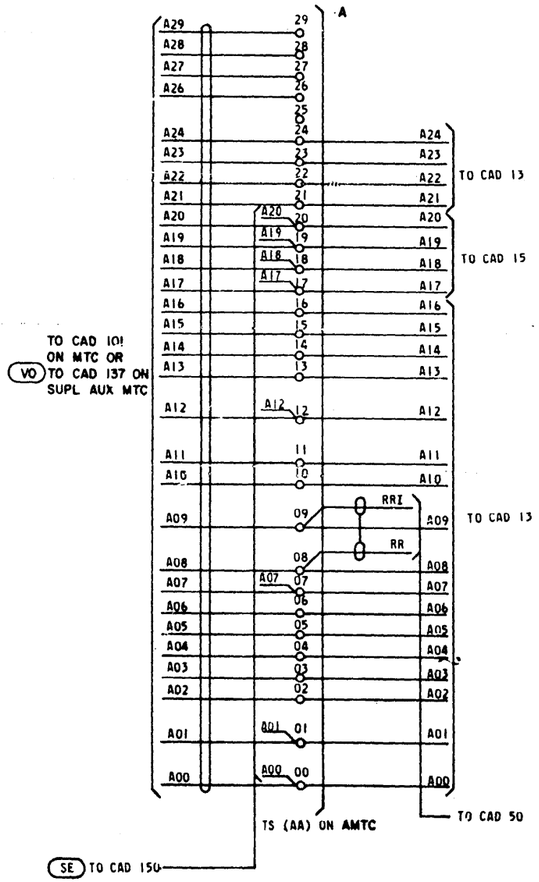
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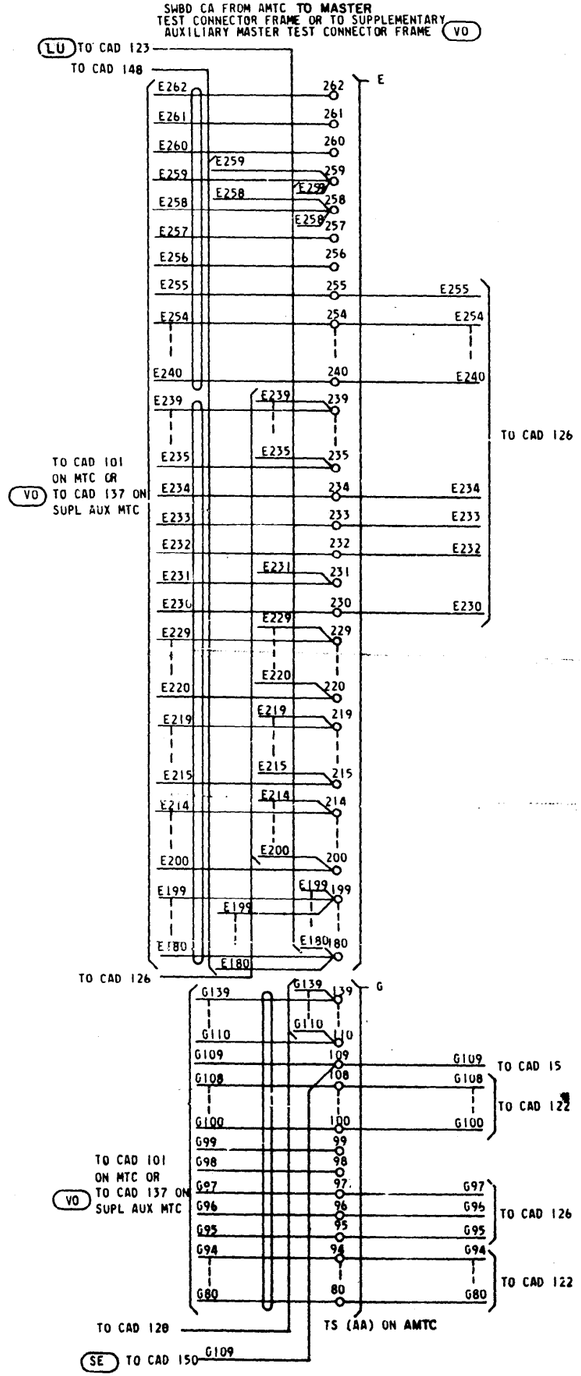
PRINTED IN U.S.A.

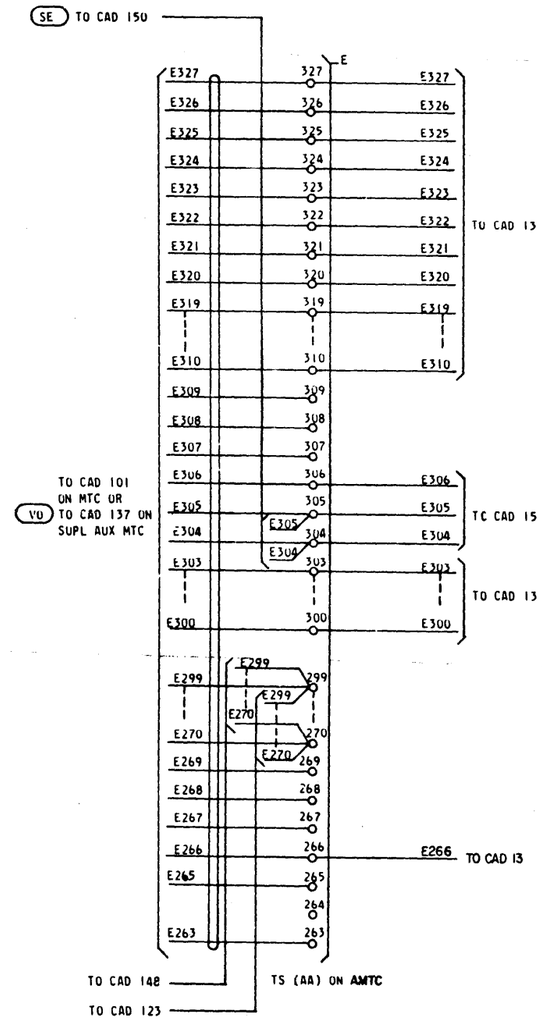
STABILO

PART OF CAD 117

SWBD CA FROM AMTC TO MASTER TEST CONNECTOR FRAME OR TO SUPPLEMENTARY AUXILIARY MASTER TEST CONNECTOR FRAME







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G84

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G84

PART OF CAD 117

SWBD CA FROM AMTC TO MASTER TEST CONNECTOR FRAME OR TO SUPPLEMENTARY AUXILIARY MASTER TEST CONNECTOR FRAME (VO)

THESE TERMINALS ARE ASSIGNED ON TS (E),(CAD 111) ON THE MTC AND CANNOT BE USED HERE

(SE) TO CAD 150

E386 386
E385 385 E385
E384 384 E384
E383 383 DRA-EMG
E382 382
E381 381 DR-EMG
E380 380 E380
E379 379
E378 378
E377 377
E376 376
E375 375
E374 374
373
360

TO CAD 14

TO CAD 218 OR 219

E359 359 DR9 DR9
DR0
E352 352 DR2
(VO) TO CAD 101 ON MTC OR TO CAD 137 ON SUPL AUX MTC
E351 351 E351
E351 E350 350 E350
E350 E350 349 DRA9
E349 DRA0
E340 340
E339 339 E339
E338 338 E338
E337 337 E337
E336 336 E336
E335 335 E335
E334 334 E334
E333 333 E333
E332 332 E332
E331 331 E331
E330 330 E330
E329 329 E329
E328 328 E328

TO CAD 14

TO CAD 13

TS (AA) ON AMTC

(VO) TO CAD 101 OR MTC OR TO CAD 137 ON SUPL AUX MTC

(VI3) 54 54 TS(VI3R)
00 00
(VI2) 54 54 TS(VI2L)
00 00
(VII) 54 54 TS(VIIL)
00 00
(VIO) 54 54 TS(VIOL)
00 00
(WI) 54 54 TS(WIL)
00 00
(WO) 54 54 TS(WOL)
00 00
(V4) 54 54 TS(V4L)
00 00
(V3) 54 54 TS(V3L)
00 00
(V2) 54 54 TS(V2L)
00 00
(VI) 54 54 TS(VIL)
00 00
(VO) 54 54 TS(VOL)
00 00

TO CAD 21

TO CAD 17

(VO) TO CAD 101 ON MTC OR TO CAD 137 ON SUPL AUX MTC

TS(RTL)

E399 04
E398 03
E397 04
E396 03
E395 42
E394 01
E393 01
E392 40
E391 02
E390 20
E389 00
E388 12
E387 44

TS(RTR) TO CAD 22

(V9) 54 54 TS(V9L)
00 00
(V8) 54 54 TS(V8L)
00 00
(V7) 54 54 TS(V7L)
00 00
(V6) 54 54 TS(V6L)
00 00
(V5) 54 54 TS(V5L)
00 00
(V14) 54 54 TS(V14R)
00 00

TO CAD 19

TO CAD 21

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-685

BELL TELEPHONE LABORATORIES INCORPORATED 6S

(NX) CAD 118

SWBD CA FROM AUX MTC OR SUPL AUX MTC (YN) (A & M ONLY)

TO TV FR OR CAMA TV FR ONE PER AMA OR CAMA TV FR FOR PAPER TAPE AMA RECORDING ONLY

TO CAMA TV CKT VIA CAMA TV CONN CKT 44 (TRIT/TRI)

ITTR E255
OIT2 G97
OIT1 G96
OIT0 G95
MBI7 E254
MBI0 E250
TO CAMA TV CKT(1) OIN7 E249 TO CAD 126
OIN0 E245
RG7 E244
RG0 E240
4L E234
2L E233
PRL E232
ROP E230
RNA E230

239 A
238
237
236
235
234
233
232
231
230

FOR CONNECTIONS TO THESE PUNCHINGS FOR MAMA, SEE CAD 192

TO CAD 136 RNA (VN)
TO TV CKT (1) RNA
TS (AA) ON AUX MTC OR TS (SA) ON SUPL AUX MTC
FOR CONNECTIONS TO THESE PUNCHINGS FOR MAMA, SEE CAD 185
A230 TO CAD 13
RUN ON AUX MTC ONLY

TO TV CKT OR CAMA TV CKT OR PROGRAM CONTROLLED TV CKT VIA TV CONN
TM TM
TVT TVT
TRB TRB
TVA TVA
RCCK RCCK
TVB TVB
TO TV CKT OR CAMA TV CKT OR PROGRAM CONTROLLED TV CKT TVT3 TVT3 TO CAD 15 ON AUX MTC OR TO CAD 27 ON SUPL AUX MTC
TRST TRST
MB MB
TVTA TVTA
CI CI
RCI RCI
TVB
TO CAD 201 TVA
TO TV CKT OR CAMA TV CKT TRST

TO CAMA TV CKT (V14) 54 54 (V14) 00 00
(V13) 52 45 52 45 (V13) 44 44 41 41 10 10 03 03 00 00
TO CAD 20
(V12) 54 52 50 40 24 00 54 52 50 40 24 00 (V12)
(V11) 54 00 54 00 (V11)
(V10) 53 00 53 00 (V10)
TO TV CKT (V9) 54 00 54 00 (V9)
(V8) 54 40 24 14 03 00 54 40 24 14 03 00 (V8) TO CAD 18
TO TV CKT OR DAS CKT VIA TV CONN CKT
(V7) 54 15 14 13 00 54 15 14 13 00 (V7)
(V6) 54 00 54 00 (V6)
(V5) 54 00 54 00 (V5)
(W1) 54 00 54 00 (W1)
TO TV CKT OR CAMA TV CKT (W0) 54 00 54 00 (W0)
(V4) 54 41 40 54 41 40 (V4) TO CAD 16
TO AMA TV CKT OR CAMA TV CKT (V4) 34 20 34 20 (V4)
TO TV CKT OR CAMA TV CKT OR TO CAD 199 41(TRP)

TO TV CKT OR CAMA TV CKT OR TO DAS CKT VIA TV CONN CKT
(V4) 14 00 14 00 (V4)
(V3) 54 51 50 54 51 50 (V3)
TO TV CKT OR CAMA TV CKT OR PROGRAM CONTROLLED TV CKT VIA TV CONN CKT 50(TR)
(V3) 44 00 44 00 (V3)
(V2) 54 42 41 40 34 33 32 31 30 12 11 10 00 54 42 41 40 34 33 32 31 30 12 11 10 00 (V2)
TO TV CKT OR CAMA TV CKT OR TO DAS CKT VIA TV CONN CKT
TO CAD 16
RUN FOR CAMA ONLY
TO TV CKT OR CAMA TV CKT OR TO PROGRAM CONTROLLED TV CKT 41(RLA) 33(TRA) 31(MC)
TO TV CKT OR CAMA TV CKT OR PROGRAM CONTROLLED TV CKT VIA TV CONN CKT 11(RL)
(V1) 54 15 14 13 10 04 00 54 15 14 13 10 04 00 (V1)
TO TV CKT OR CAMA TV CKT OR TO DAS CKT VIA TV CONN CKT
(V0) 54 50 44 40 54 50 44 40 (V0)
TO DAS CKT VIA TV CONN CKT

(V0) 34 33 32 31 30 24 23 22 21 20 14 10 04 00 34 33 32 31 30 24 23 22 21 20 14 10 04 00 (V0) TO CAD 16
TO TV CKT OR CAMA TV CKT OR TO DAS CKT VIA TV CONN CKT
TO DAS CKT VIA TV CONN CKT

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G86
BELL TELEPHONE LABORATORIES INCORPORATED	6S

E-74ST (10-71)

CAD 119

SWBD CA FROM AUX MTC TO RCDR UNITS (ONE PER RCDR UNIT) FOR PAPER TAPE AMA RECORDING ONLY

TO FIRST EVEN NUMBERED RCDR UNIT

DTN	51	
XU1	42	
XTL	41	
HR1	40	(RTEA)
XP1	03	
DTK	02	
1PA	01	
XT1	00	
OTO	04	
PAK	03	(RTE)
LC	01	

TO CAD 23

TO FIRST ODD NUMBERED RCDR UNIT

DTN	51	
XU1	42	
XTL	41	
HR1	40	(RTOA)
XP1	03	
DTK	02	
1PA	01	
XT1	00	
OTO	04	
PAK	03	(RTO)
LC	01	

TO RCDR UNITS

PC	RC	
TRCA	TRCA	
TRCB	TRCB	
TRCC	TRCC	TO CAD 14
TRB	TRB	
RCCK	RCCK	
TRST	TRST	

TO RCDR UNITS

	59	A	
	58		
	57		
	56		
	55		
	54		
	53		
TO FIRST RCDR FR ONLY	52		
ORL	51	A51	
RST19	50	A50	
			TO CAD 13
RSTO	31	A31	
RT	30	A30	

TS (AA) ON AUX MTC

FOR CONNECTIONS TO THESE PUNCHINGS, SEE CAD 192 FOR MAMA

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE 61A.

PART OF CAD 120

SWBD CA FROM AUX MTC TO MASTER TIMER FR FOR PAPER TAPE AMA RECORDING ONLY (FOR MAMA, SEE CAD 188)

TO EVEN TIMER ON MASTER TIMER FR

	111	A	
ET	110		A111
RN	109		A110
XPL	108		A109
RST19	107		A108
RST17	106		A107
RST15	105		A106
RST13	104		A105
RST11	103		A104
RST9	102		A103
RST7	101		A102
RST5	100		A101

TO ODD TIMER ON MASTER TIMER FR

RST3	99		A100
RST1	98		A99
RST-EMG	97		A98
TRST(O)	96		A97
C1	95		A96
CO	94		A95
RT10	93		A94
TRB	92		A93
RCCK	91		A92
RT30	90		A91
RT3E	89		A90

(SE) TO CAD 150

TO CAD 13

I7	85		A89

TO ODD RECORDERS VIA MASTER TIMER FR

TO	84		A85
U7	80		A84
UO	79		A80
SC	78		A79
SP	77		A78
ASP	76		A77
BSP	75		A76
A	74		A75
B	73		A74
D	72		A73
E	71		A72
SY	70		A71
NS	69		A70

TO ODD TIMER ON MASTER TIMER FR

SPA	68		A69
MG	67		A68
HR	66		A67
DA	65		A66
MO	64		A65
SKP	63		A64
TEN	62		A63
ET	61		A62
RN	60		A61
XPL			A60

TS (AA) ON AUX MTC

TO EVEN TIMER ON MASTER TIMER FR

	159	A	
	158		
	157		
RST13	156		A156
RST16	155		A155
RST14	154		A154
RST12	153		A153
RST10	152		A152
RST3	151		A151
RST6	150		A150
RST4	149		A149
RST2	148		A148
RSTO	147		A147
PCN	146		A146
TPR	145		A145
TRST(E)	144		A144
RT1E	143		A143
TRB	142		A142
RCCK	141		A141
RT30	140		A140
RT3E	139		A139

TO CAD 13

I7	138		A138

TO EVEN RECORDERS ON MASTER TIMER FR

TO	134		A134
U7	133		A133
UO	129		A129
SC	128		A128
SP	127		A127
ASP	126		A126
BSP	125		A125
A	124		A124
B	123		A123
D	122		A122
E	121		A121

TO EVEN TIMER ON MASTER TIMER FR

SY	120		A120
NS	119		A119
SPA	118		A118
MG	117		A117
HR	116		A116
DA	115		A115
MO	114		A114
SKP	113		A113
	112		

TS (AA) ON AUX MTC

DRAWING ISSUE

43D	(AA) CLK AMO	
70D		

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G87

BELL TELEPHONE LABORATORIES INCORPORATED

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STABILO

PART OF CAD 120

SWBD CA FROM AUX MASTER TEST CONNECTOR FRAME
TO MASTER TIMER FRAME
FOR PAPER TAPE AMA RECORDING ONLY

TO EVEN RECORDERS VIA MASTER TMG CKT

G7	54	(RTE)
G0	50	
C7	44	
C0	40	
D7	34	
D0	30	
E7	24	
E0	20	
F7	14	
F0	10	
PT1	53	(RTOA)
P	50	
XTC	44	
DS	33	
P1	31	
A2	30	
TBL	24	
RD	23	
A1	20	
TV	12	
PT	11	
A0	10	
PTS	04	
B7	54	(RTO)
B0	50	
C7	44	
C0	40	
D7	34	
D0	30	
E7	24	
E0	20	
F7	14	
F0	10	

TO CAD 23

TO MASTER TMG CKT

HT7	G139	TO CAD 117
HT0	G135	
HU7	G134	
HU0	G130	
HT7	G129	
HT0	G125	
HU7	G124	
HU0	G120	
DT7	G119	
DT0	G115	
DU7	G114	
DU0	G110	
PT1	53	(RTEA)
P	50	
XTC	44	
DS	33	
P1	31	
A2	30	
TBL	24	
RD	23	
A1	20	
TV	12	
PT	11	
A0	10	
PTS	04	

TO EVEN RECORDERS VIA MASTER TMG CKT

TO CAD 23

TO ODD RECORDERS VIA MASTER TMG CKT

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

PART OF CAD. 121

SWBD CA FROM AUX MASTER TEST CONNECTOR FRAME
TO MASTER TEST CONTROL FRAME
FOR PAPER TAPE AMA RECORDING ONLY

TO MA TST CONT CKT

TR	50	(V3)
T1C	44	
C1FAT	43	
DTK-DTK1	42	
CK	41	
CI4T	30	
CI3T	24	
CI2T	23	
CI1T	22	
TET	00	
RL9	41	TO CAD 17
RK	40	
MOA	34	
TRA	33	
C1ST	32	(V2)
MC	31	
OP1	30	
T1K	24	
CKG-GC	10	
TRB1(TV9)	TRB1(9)	
TRB1(TV0)	TRB1(0)	
TVT(9)	TVT(9)	TO CAD 15
TVT(2)	TVT(2)	
TVT1	TVT1	
TVT0	TVT0	
TRB1(R19)	TRB1(19)	
TRB1(R0)	TRB1(0)	TO CAD 14
TRB1(EMR)	TRB1(EMG)	

TO MA TST CONT CKT (SEE NOTE 224)

TO MA TST CONT CKT

TRB1(MTO)	165	A165	TO CAD 13
TRB1(MTE)	164	A164	
TVS(1)	163	A163	
LTP	162	A162	
TVS(1)	161	A161	
TTP	160	A160	

169 — A
168
167
166

TO LINE VERIF CKT VIA MA TST CONT CKT

TO MA TST CONT CKT

TS (AA) ON AUX MTC

TO MA TST CONT CKT

TSL	41	(V8)
TNO	40	
TOP	54	
L5D	23	
5DG	22	(V7)
4D8	21	
LST	20	
OF	53	
4WT	40	
2WT	34	
OFT	33	
OFF5	30	
OFF4	24	
OFF0	20	(V6)
TH9	14	
TH5	10	
TH4	04	
TH0	00	
HN9	54	
HN5	50	
HN4	44	
HN0	40	
T9	34	
T5	30	
T4	24	
T0	20	(V5)
U9	14	
U5	10	
U4	04	
U0	00	

TO CAD 19

DRAWING ISSUE		
43D	FMC CLK AND	CB
52D	ILC FRA AMA	A
60D	DM [illegible]	
70D		CB

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-688

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

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SD-25805-01-688

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PART OF CAD 121

SWBD CABLE FROM AUX MASTER TEST CONNECTOR FRAME
TO MASTER TEST CONTROL FRAME

ACD	42		
DNC	13		
FC	12		
LCD2	11	(VII)	
LCD1	10		
LCD0	04		
OA7	34		
OA4	33		
OA2	32		
OA1	31		
OA0	30		
OB7	20		
OB4	23		
OB2	22		
OB1	21		
OB0	20	(VIO)	
OCA7	14		
OCA4	13		
OCA2	12		
OCA1	11		
OCA0	10		
OD7	04		
OD4	03		
OD2	02		
OD1	01		
OD0	00		
CDT7	54		
CDT4	53		
CDT2	52		
CDT1	51		
CDT0	50		
SA	44		
NSP	43		
OFT2	42		
OFT1	41		
OFT0	40	(V9)	
OFF9	34		
OFF8	33		
OFF7	32		
OFF6	31		
ODT/RNTO	20		
NID	24		
IOD	23		
AOS	22		
AD/RNTI	21		

TO MASTER TEST CONT CKT

TO MASTER TEST CONT CKT (SEE NOTE 224)

TO MASTER TEST CONT CKT

TO CAD 21

TO CAD 19

PROVIDE IN OFFICES NOT USING 2/5 PUNCH DESIGN SYSTEM

PROVIDE IN OFFICES NOT ARRANGED PER TABLE IE

PT1	53		
PA	52		
DTN	51		
P	50		
RDL	44		
XT	43		
ICK	42		
TCT	41		
DTKA	40	(WI)	
UK	34		
DS	33		
CTMB	32		
P1	31		
T6L	24		
RD	23		
1R	22		
C	21		
PT	11		
WKC	52		
ROPT	51		
VTC	50		
TR1T	44		
TI3	32		
TI2	31	(VI3)	
TI1	30		
TIO	24		
SK1	11		
SKO	10		
PRLT	53		
OG7	24		
OG4	23		
OG2	22		
OG1	21		
OG0	20		
OF7	14		
OF4	13	(VI2)	
OF2	12		
OF1	11		
OFO	10		
OE7	04		
OE4	03		
OE2	02		
OE1	01		
OEO	00		

TO MASTER TEST CONT CKT

TO CAD 17

TO CAD 21

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

CAD 122

SWBD CABLE FROM AUX MASTER TEST CONNECTOR FRAME
OR SUPL AUX MTC FRAME (VN) (A&M ONLY) TO TV
CONNECTOR FRAME & CAMA TV CONNECTOR FRAME

CD7	54		
CD4	53		
CD2	52	(V9)	
CD1	51		
CD0	50		
SW7	34		
SW4	33		
SW2	32		
SW1	31		
SW0	30	(V8)	
VF4	13		
VF3	12		
VF2	11		
VF1	10		
VF0	04		
SG	SG		
CNG	CNG		
FRG	FRG		

TO TRANSVERTER CONN CKT

TO CAD 13

TO TRANSVERTER CONN CKT OR CAMA TRANSVERTER CONN CKT

TO CAD 15 ON AUX MTC OR TO CAD 27 ON SUPL AUX MTC (VN) (A&M ONLY)

199 198 197 196 195 194

TO CAMA TRANSVERTER CONN CKT

CN3	193		G108
CN2	192		G107
CN0	190		G105
FR4	189		G104
FR1	186		G101
FR0	185		G100
S14	184		G94
S5	175		G85
S4	174		G84
S0	170		G80

TO TRANSVERTER CONN CKT

TO CAD 117 ON AUX MTC OR TO CAD 111 ON SUPL AUX MTC (VN) (A&M ONLY)

TO CAD 127

TS (A4) ON AUX MTC
OR TS (S4) ON SUPL AUX MTC

DRAWING ISSUE	
430	PNP CLA ARR
520	WA
57A	TWO
700	
750	

ISSUE 79D

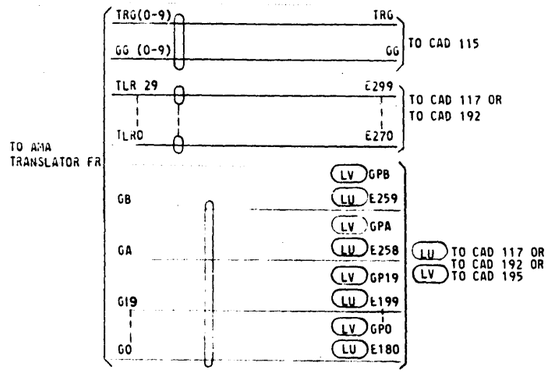
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G89

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO

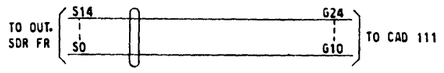
CAD 123

SWBD CA FROM AUX MTC TO AMA TRANSLATOR FR



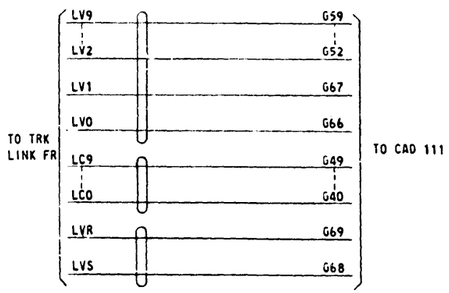
CAD 124

SWBD CA FROM MTC TO OUT. SENDER FR



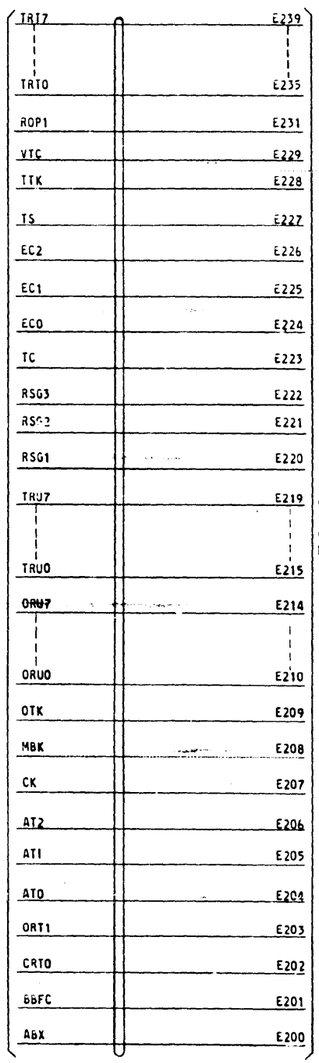
CAD 125

SWBD CA FROM MTC TO TRUNK LINK FR



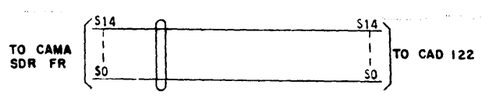
CAD 126

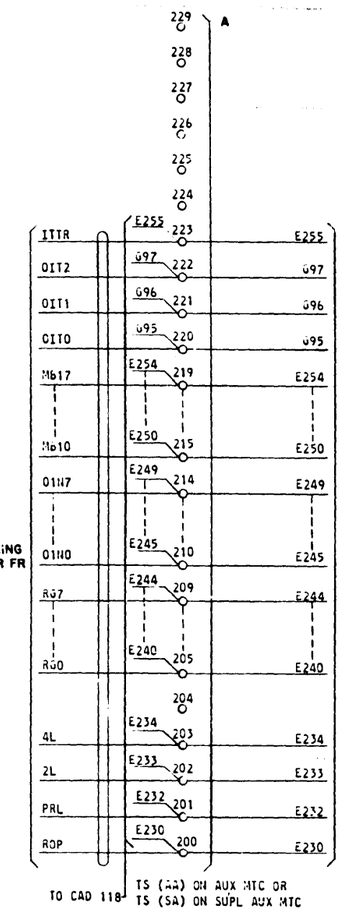
SWBD CA FROM AUX MTC OR SUPL AUX MTC (VN) (ASM ONLY) TO CAMA SENDER FR



CAD 127

SWBD CA FROM AUX MTC OR SUPL AUX MTC (VN) (ASM ONLY) TO CAMA SENDER FR

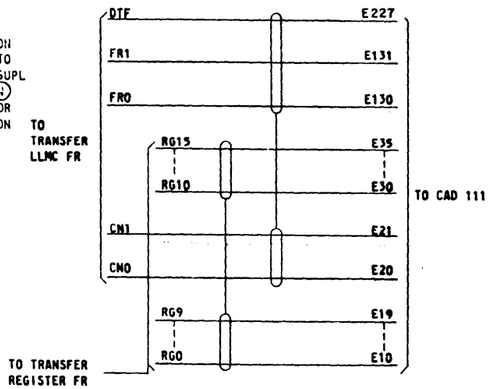




TO CAD 117 ON AUX MTC OR TO CAD 111 ON SUPL AUX MTC (VN) (ASM ONLY) OR TO CAD 192 ON MAMTC

CAD 128

SWBD CA FROM MTC TO TRANSFER LLMC & TRANSFER REGISTER FR



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D DS CLK IMP JB M1 AMA
700

ISSUE 93A

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-690

PAGE CODE 6S

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SD-25805-01-690

STABILO

(VJ) PART OF CAD 129 (A&M ONLY)

SHBD CA FROM SUPL AUX MTC TO MTC
J28153A (ALSO SEE TABLE 129)

TO FIG. 60 — 718, 710, 39, 31, 58, 50 — TO CAD 8

30 29 28

TO CAD 137 (VO) OR TO CAD 194

27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01 00

(VO)

TO FIG. 52 — TS1
TO FIG. 51 — TS2
TO FIG. 52 — C1A(1)
TS
C1T — TO CAD 27
TCL — TO CAD 27
C1B — TO CAD 27
TM — TO CAD 27
C1A2
C1A
TTL1
SKT
TO FIG. 51 — ON — TO CAD 26
TR61(ODD)
TR61(EVEN) — RR1, RR — TO CAD 50
RR1 — TO CAD 25
RR — TO CAD 25
ONL — TO CAD 27
RT1 — TO CAD 25
RT
MFR DISC. TO FIG. 88 — OP
TO FIG. 51 — PR1
TO FIG. 52 — TTL
TO FIG. 51 — STR — TO CAD 26
TO FIG. 89 — C1A(3)

(VN) C1T, TCL, C1B, TM, STR

TS (SA) ON SUPL AUX MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

TO CAD 24 ON MTC

59 58 57 54 53 52 843 844 859 855 51 50 44 40 39 35 29 34 30 24 (A1)

TO FIG. 59 TS (A0) ON MTC

(PR) PS ES1 ES0

28 27 26 25 19 15 09 05 23 22 21 20 14 10 04 00

TO CAD 109 ON SUPL AUX MTC

54 54 50 50 854 850 44 40 34 30 24 20 14 10 04 00 (A0)

TO CAD 24 ON MTC

TO FIG. 59 TS (A0) ON MTC

TO CAD 111 ON SUPL AUX MTC

TO CAD 24 ON MTC

34 30 24 20 14 10 04 00 (A4)

TO FIG. 59 TS (A2) ON MTC

59 55 49 45 54 50 44 40 369 865 34 30 28 25 19 15 09 05 23 20 14 10 04 00 (A3)

TO FIG. 59 TS (A1) ON MTC

54 50 44 40 364 360 34 30 24 20 14 10 04 00 (A2)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (A3) ON MTC

34 30 24 20 14 10 04 00 (A6)

59 55 49 45 54 50 44 40 39 35 29 25 34 30 24 20 14 10 04 00 (A5)

TO FIG. 59 TS (A2) ON MTC

54 50 44 40 34 30 24 20 14 10 04 00 (A4)

TO CAD 109 ON SUPL AUX MTC

DRAWING ISSUE
430 EM EM EM
640 FU
700

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G91

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G91

STABILO

(VJ) PART OF CAD 129 (A&M ONLY)

SWBD CA FROM SAMTC
TO MTC J28153A
(ALSO SEE TABLE 129)

DRAWING ISSUE
430 JGS CLK AMD
69A
700

TO FIG. 60 ON MTC

TO FIG. 59 TS (A4) ON MTC

(A8)

TO CAD 109 ON SAMTC

TO FIG. 59 TS (A3) ON MTC

(A7)

(A6)

TO CAD 111 ON SAMTC

TO FIG. 59 TS (A5) ON MTC

(A10)

TO CAD 109 ON SAMTC

TO FIG. 59 TS (A4) ON MTC

(A9)

TO FIG. 60 ON MTC

TO FIG. 59 TS (A4) ON MTC

(A8)

TO FIG. 59 TS (B0) ON MTC

(b1)

(B0)

TO CAD 109 ON SAMTC

TO FIG. 59 TS (A5) ON MTC

(A11)

TO CAD 25 ON SAMTC

INC
PCD1
PCD
PCR

(b3)

TO CAD 109 ON SAMTC

TO FIG. 59 TS (b1) ON MTC

(b2)

TO FIG. 59 TS (B0) ON MTC

(B1)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

70

MASTER TEST FRAME CONNECTOR CKT (2)

SD- 25805-01-G92

BELL TELEPHONE LABORATORIES INCORPORATED

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SD-25805-01-G92

PART OF CAD 129

SWBD CA FROM SUPL AUX MTC TO MTC - J28153A (ALSO SEE TABLE 129)

TO CAD 24 ON MTC

TO FIG. 59 TS (B3) ON MTC

TO FIG. 59 TS (B2) ON MTC

(B6)

(B5)

(B4)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 51

SEF1

SEF

TO CAD 25 ON SUPL AUX MTC

TO FIG. 59 TS (B5) ON MTC

TO FIG. 59 TS (B3) ON MTC

(B8)

(B7)

(B6)

TO CAD 109 ON SUPL AUX MTC

VB

VA

TCA

TO FIG. 51 ON MTC

TO CAD 25 ON SUPL AUX MTC

TO FIG. 59 TS (C0) ON MTC

TO FIG. 59 TS (B5) ON MTC

(C1)

(C0)

(B9)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (C1) ON MTC

TO FIG. 59 TS (C0) ON MTC

(C3)

(C2)

(C1)

TO CAD 109 ON SUPL AUX MTC

TO CAD 111 ON SUPL AUX MTC

TO CAD 24 ON MTC

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G16.

DRAWING ISSUE
43D
60D
70D
73D

73

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G93

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G93

STABILO

(VJ) PART OF CAD 129 (A&M ONLY)

SHIELDED CA FROM SUPL AUX MASTER TEST CONN FR
TO MASTER TEST CONN FR J23153A
(ALSO SEE TABLE 129)

TO FIG. 59
TS (C2)
ON MTC

59 54
55 50
49 44
45 40
39 34
35 30 (C5)
29 24
25 20
19 14
15 10
09 04
05 00
54 54
50 50
44 44
40 40
34 34
30 30 (C4)
24 24
20 20
14 14
10 10
04 04
00 00

TO CAD 109
SUPL AUX MTC

TO FIG. 59
TS (C1)
ON MTC

41 E55
37 E58
36 E57
35 E56

TO CAD 111
ON SUPL
AUX MTC

TO FIG 59
TS (T1)
ON MTC

LOLD E116
RTK G75
RTI G74
RTO G73

TO FIG. 60
ON MTC

367 13
366 12 (V2)

59 54
55 50
49 44
45 40
39 34
35 30 (C7)
29 24
25 20
19 14
15 10
09 04
05 00

TO FIG. 59
ON TS (C3)

54 54
50 50
44 44
40 40
34 34
30 30 (C6)
24 24
20 20
14 14
10 10
04 04
00 00

TO CAD 109
ON SUPL
AUX MTC

(VJ) CAD 130 (A&M ONLY)

SHIELDED CA FROM SUPL AUX MASTER
TEST CONN FR TO PRETRANSLATOR
ONE PER SUPL AUX MTC

TO FIG. 83
ON PRT FR

28 E61
15 E60
14 E74
10 E70
09 E79
05 E75
04 E69
00 E65

TO CAD 111
ON SUPL
AUX MTC

DRAWING ISSUE	
43D	FMD CLK AMD
58A	LEA A&C A&D
59D	LEA A&C A&D
60D	DM PDT AMD
62D	JK
70D	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

70

MASTER TEST FRAME CONNECTOR (X) (2) SD-25905-01-G94

BELL TELEPHONE LABORATORIES INCORPORATED 6S

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STABILO

(VJ) CAD 131 (A&M ONLY)

SWBD CA FROM SUPL AUX MTC TO NO. GR CONN FR (ONE PER SUPL AUX MTC)

TO NO. GR CONN CKT	NGCT3 — C28	TO CAD 111 ON SUPL AUX MTC
	NGCTO — G25	

(VN) CAD 132 (A&M ONLY)

SWBD CA FROM SUPL AUX MTC TO RECORDER UNITS ONE PER RECORDER UNIT FOR PAPER TAPE AMA RCDG ONLY

TO RECORDER & RECORDER CONN CKT FOR (UNITS 11-19)	RC — RC	TO CAD 26
	TRCA — TRCA	
	TRCB — TRCB	
	TRCC — TRCC	
	TRB — TRB	
	RCCK — RCCK	
	TRST — TRST	

TO RECORDER & RECORDER CONN CKT	A — A	TO CAD 25
	99 — 99	
	90 — 90	
	RST19 — 89 — RST19	
	RST10 — 80 — RST10	

TS (SA) ON SUPL AUX MTC

(VN) CAD 133 (A&M ONLY)

SWBD CA FROM SUPL AUX MTC TO MTC (ONE PER SUPL AUX MTC) FOR PAPER TAPE AMA RCDG ONLY

TO MTF CONT CKT	OA7	34	(V10)	TO CAD 21
	OA4	33		
	OA2	32		
	OA1	31		
	OA0	30		
	OB7	24		
	OB4	23		
	OB2	22		
	OB1	21		
	OB0	20		
	OCA7	14		
	OCA4	13		
	OCA2	12		
	OCA1	11		
	OCA0	10		
	OD7	04		
	OD4	03		
	OD2	02		
	OD1	01		
	OD0	00		
	CDT7	54		
	CDT4	53		
	CDT2	52		
	CDT1	51		
	CDT0	50		
	SA	44		
	NSP	43		
	OFT2	42		
	OFT1	41		
	OFT0	40		
	OFF9	34	(V9)	TO CAD 19
	OFF8	33		
	OFF7	32		
	OFF6	31		
	NID	24		
	IOD	23		
	AOS	22		
	AD/RNT1	21		
	OOT/RNT0	20		
	4WT	40	(V6)	
	2WT	34		

TO MTF CONT CKT	WKC	52	(V13)	TO CAD 21
	ROPT	51		
	VTC	50		
	TR1T	44		
	TI3	32		
	TI2	31		
	TI1	30		
	TI0	29		
	SK1	11		
	SK0	10		
	PRLI	53	(V12)	
	OG7	29		
	OG4	23		
	OG2	22		
	OG1	21		
	OG0	20		
	OF7	14		
	OF4	13		
	OF2	12		
	OF1	11		
	OF0	10		
	OE7	04		
	OE4	03		
	OE2	02		
	OE1	01		
	OE0	00		
	ACD	42	(V11)	
	ONC	13		
	FC	12		
	LCG2	11		
	LCD1	10		
	LCD0	04		

	TRB1(R19) — TRB1(R19)		TO CAD 26
	TRB1(R11) — TRB1(R11)		
	TVT(9) — TVT(9)		TO CAD 27
	TVT(6) — TVT(6)		
	TRB1(TV9) — TRB1(TV9)		
	TRB1(TV6) — TRB1(TV6)		

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	TBC CAM AMA
60D	DM PM AMA
70D	

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G95

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-G95

STABILO

(VN) CAD 134 (A&M ONLY)

SWBD CA FROM SUPL AUX MTC
TO AMA TRANSLATOR FR
(ONE PER TRANSVERTER, TRANSVERTERS 6 TO 9)

TO AMA TRANSLATOR FR	TRG	TRG	TO CAD 27
	GG	GG	

(VN) CAD 135 (A&M ONLY)

SWBD CA FROM SUPL AUX MTC
TO MASTER TIMER FR

		RST19	109	RST19
		RST17	108	RST17
	ODD TIMER	RST15	107	RST15
		RST13	106	RST13
TO MASTER TIMER FR		RST11	105	RST11
		RST18	104	RST18
		RST16	103	RST16
	EVEN TIMER	RST14	102	RST14
		RST12	101	RST12
		RST10	100	RST10

TO CAD 25

TS (SA) ON SUPL AUX MTC

(VN) CAD 136 (A&M ONLY)

SWBD CA FROM SUPL AUX MTC TO AUX MTC

TO CAD 28	ITL (1)	59	ITL (1)	
	WG	58	WG	
TO FIG. 67	WO	57	WO	
	TVT3	56	TVT3	TO CAD 27
	TTL	55	TTL	
TO FIG. 66	C1(2)	54	C1	
	OP(2)	53	OP	
	RTE	52	RTE1	
TO FIG. 77	RTO	51	RTO1	
TO. FIG. 67	STGA	50	STGA	
TO FIG. 68	C1(1)	49	C1(1)	
	OP(1)	48	OP(1)	TO CAD 26
TO FIG. 64	C1	47	C1	
	OP	46	OP	
TO FIG. 63 OR TO FIG. 64	CO	45	CO	
	C1A	44	C1A	
TO FIG. 72 OR TO FIG 104	STC1	43	STC1	
TO FIG. 72 PAPER TAPE AMA RCDG ONLY	STC	42	STC	TO CAD 25
	TRB1(R10)	41	TRB1(R10)	
TO FIG. 64	TRB(R10)	40	TRB(R10)	

TS (SA) ON SUPL AUX MTC

TO FIG. 76 PER TABLE 76B OR TO FIG. 101 PER TABLE 76C	(V9)	54 00	54 00	(V9)
	(V8)	54 00	54 00	(V8)
	(VO)	54 00	54 00	(VO)
	(WI)	54 00	54 00	(WI)
	(WO)	54 00	54 00	(WO)

TO CAD 109

TO FIG. 64	DRT1	E385	TO CAD 111
	DRTO	E384	
	DRA1	E341	
	DRAO	E340	
TO FIG. 69	RNA	RNA	TO CAD 118 OR TO CAD 191

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
700

ISSUE 79D

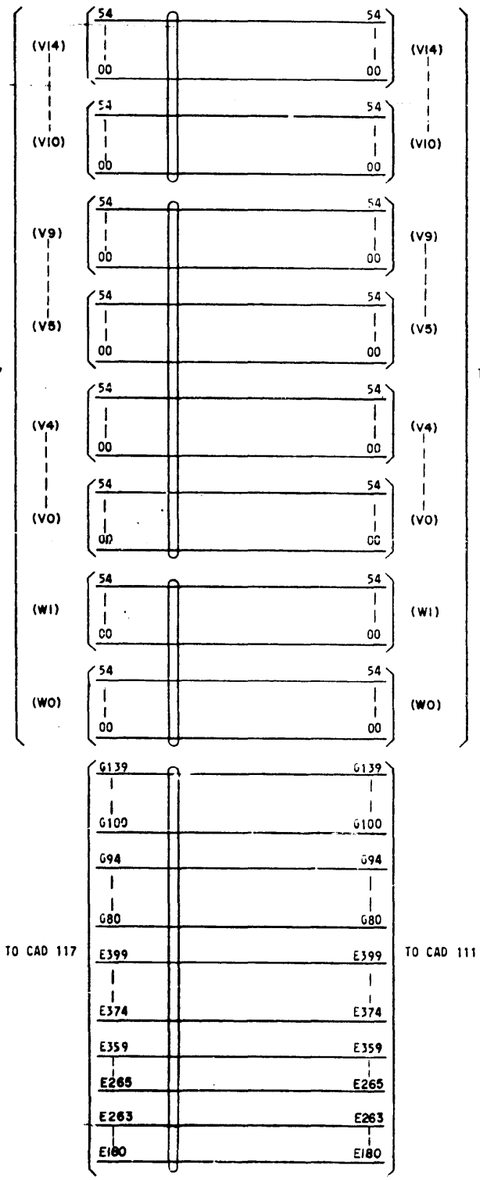
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G96
BELL TELEPHONE LABORATORIES INCORPORATED
6S

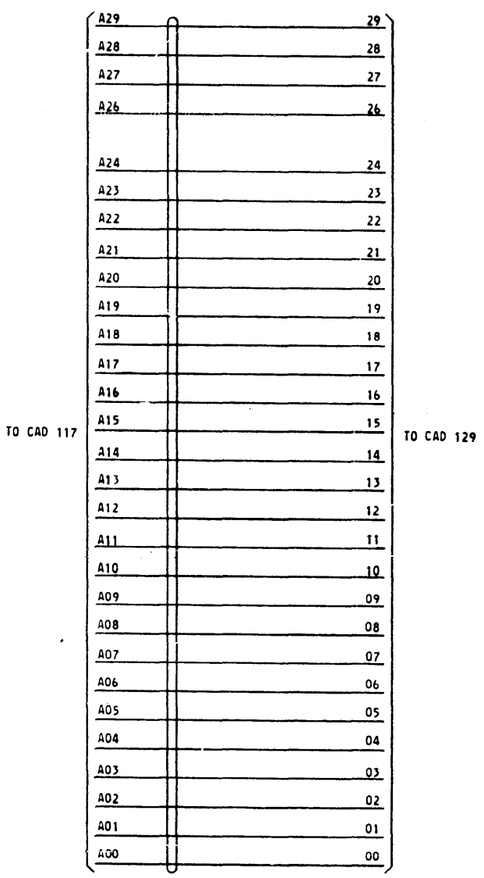
SD-25805-01-G96

STABILO

(VQ) CAD 137 (A&M ONLY)

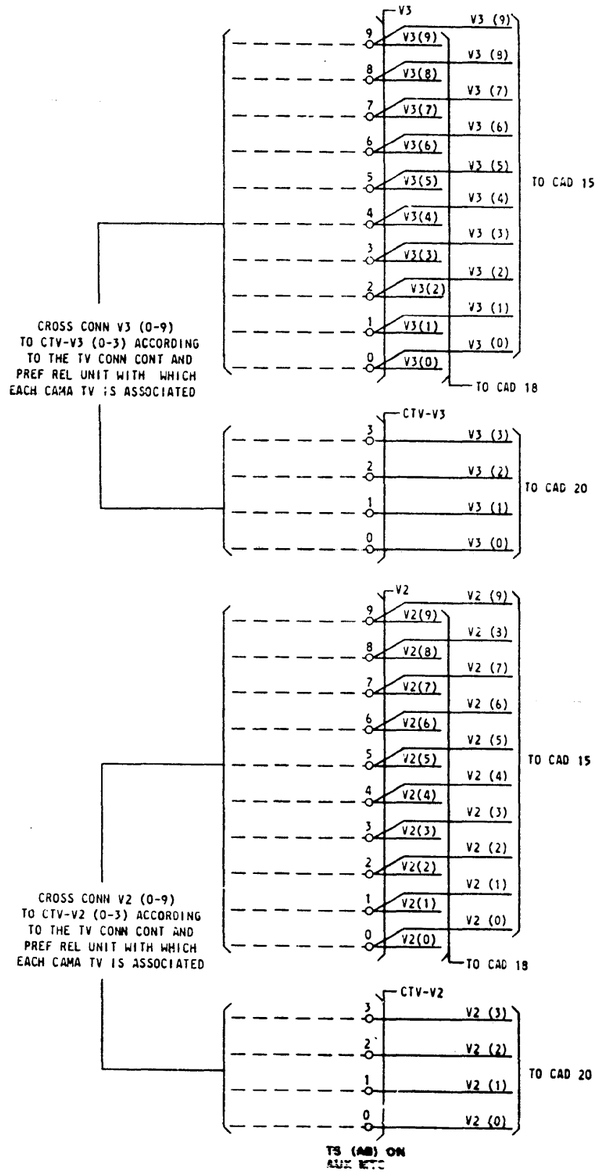
SWBD CABLE FROM SUPL AUX MTC TO AUX MTC





CAD 138

CROSS CONN OF OPERATE LEADS FOR V10-13 TRANSVERTER CONN RELAYS (ONE PER AUX MTC)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE 43D PAR CLI RAN 700

ISSUE 94A

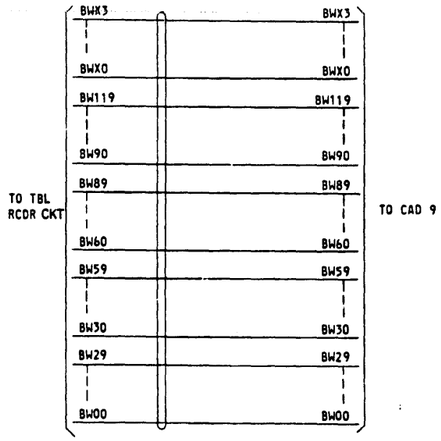
MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G97

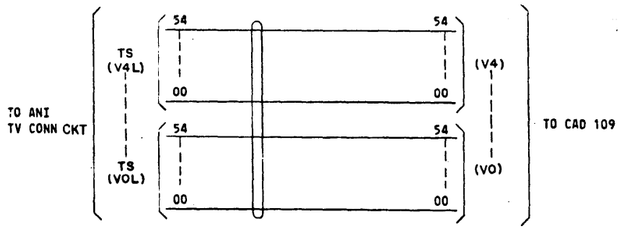
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G97

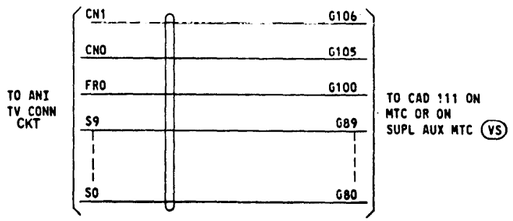
(VJ) CAD 139
SWBD CA FROM SUPL AUX MTC TO TBL RCDR FR



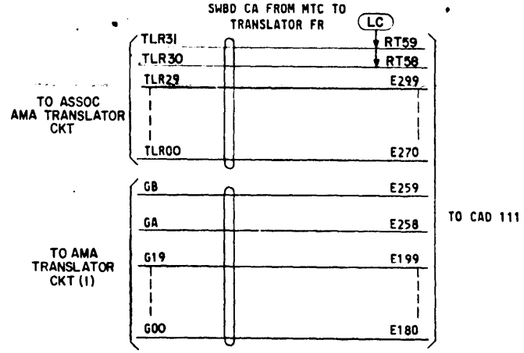
(VS) CAD 141 (A&M ONLY)
SWBD CA FROM SUPL AUX MTC TO MTC UNIT FOR ANI TV



CAD 140
SWBD CA FROM MTC OR SUPL AUX MTC (VS) TO ANI TV CONN FR



CAD 142
SWBD CA FROM MTC TO TRANSLATOR FR (LC)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
700
730

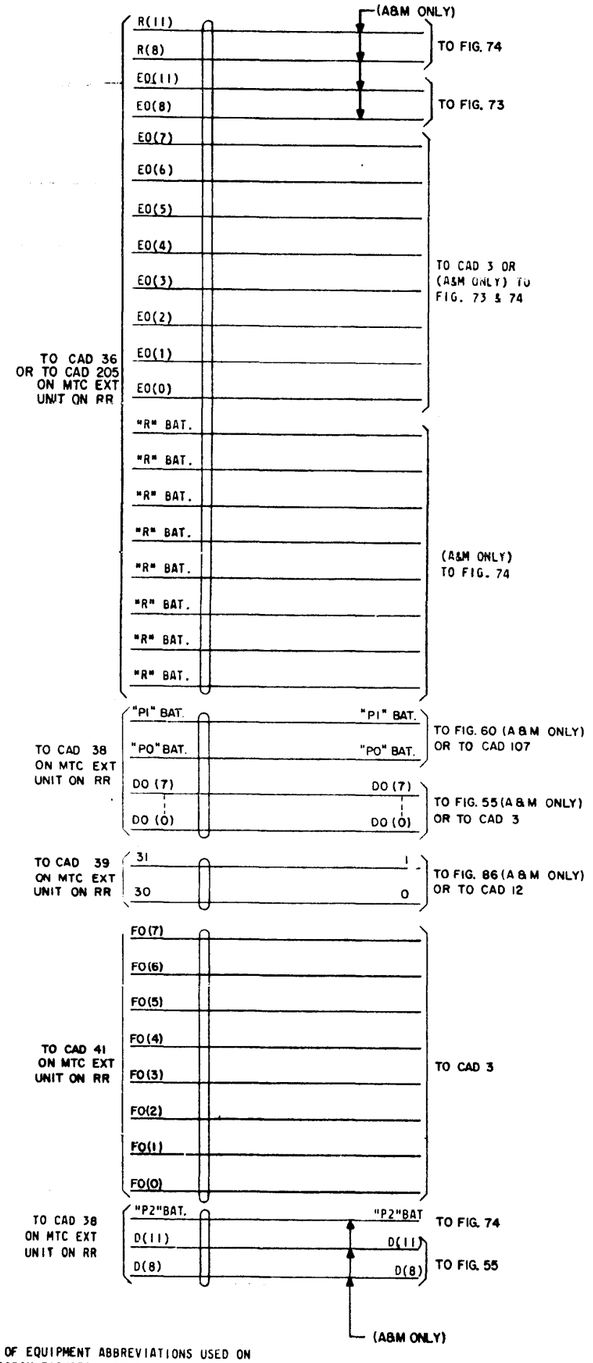
ISSUE 80A

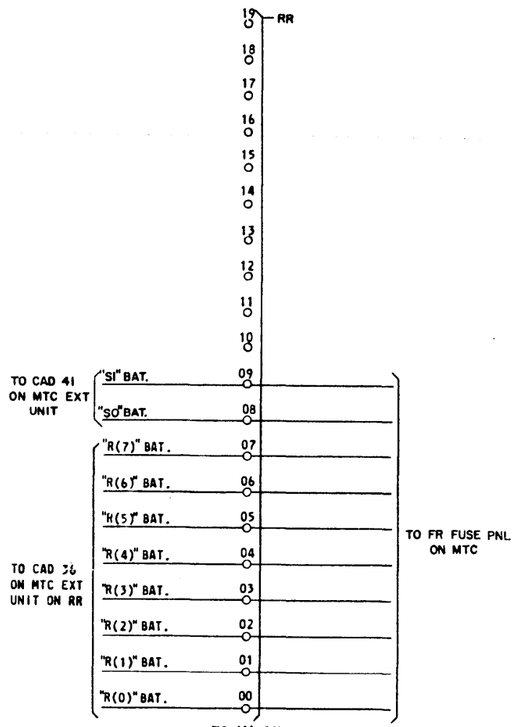
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G98
BELL TELEPHONE LABORATORIES INCORPORATED
6S

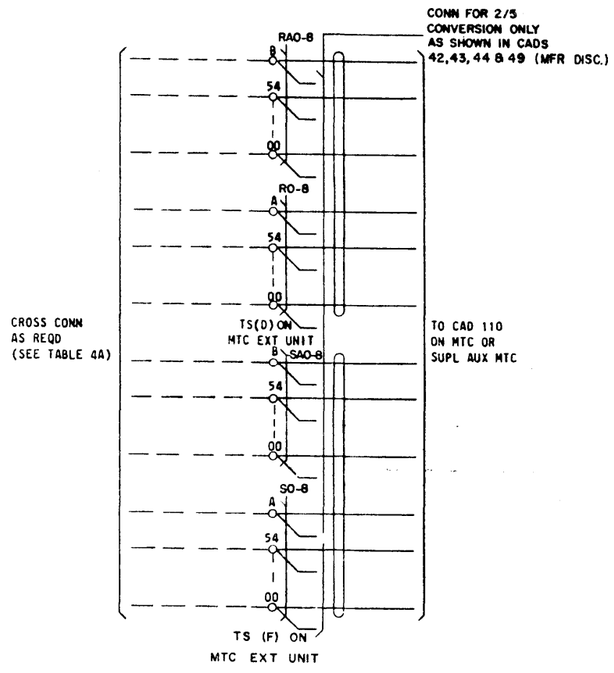
SD-25805-01-G98

CAD 143

(SWBD CA BETWEEN MTC, DMTC, OR SUPL AUX MTC AND MTC EXT UNIT)







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

430	REMOVE CAD 4 AND 5
520	REMOVE CAD 4 AND 5
700	

ISSUE 96B

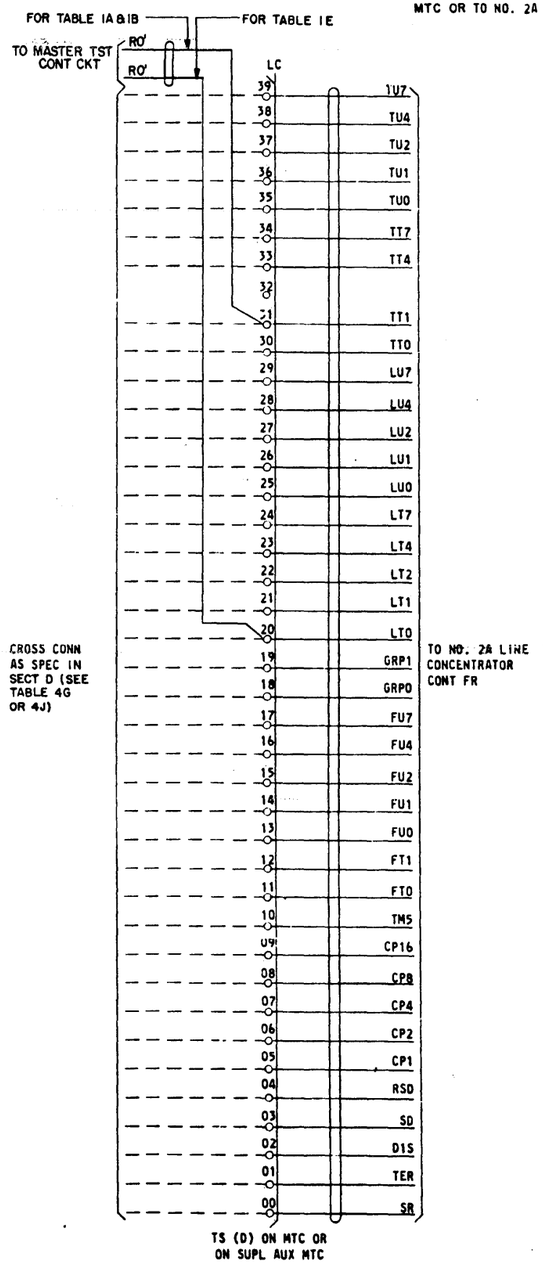
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G99

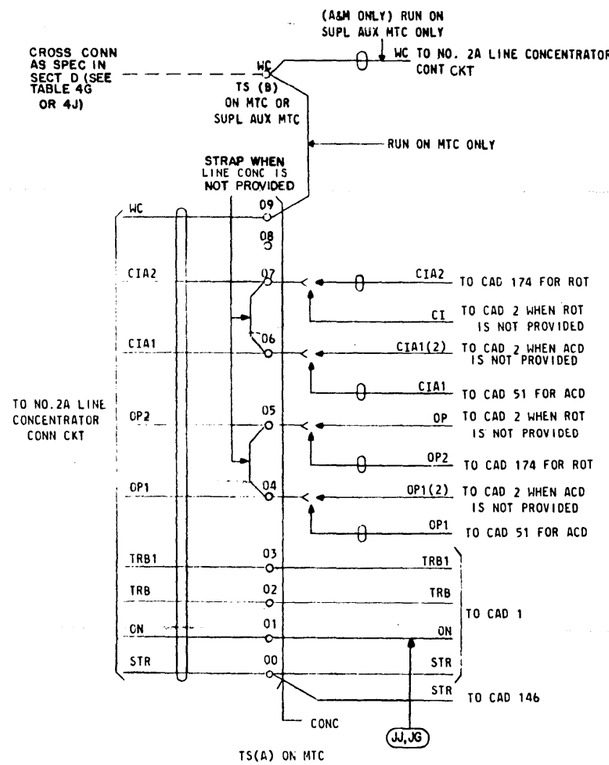
BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO

CAD 144

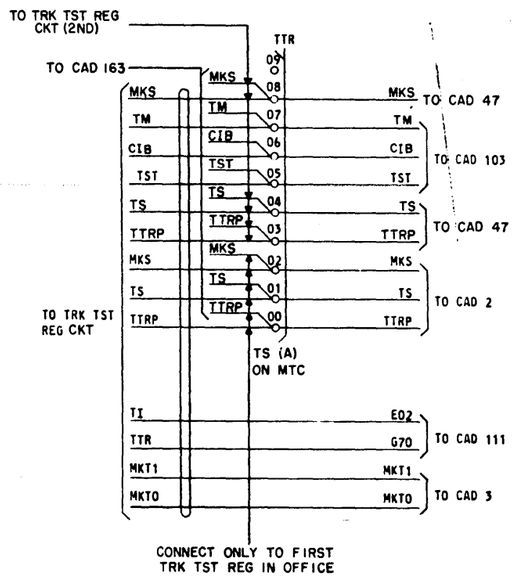
(SWBD CA FROM MTC OR SUPL AUX MTC OR TO NO. 2A LINE CONCENTRATOR CONT FR)





CAD 145

(SWBD CA FROM MTC TO TRK TST REG FR)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	GA	
	CLK	
	AU	
	FL	
32D	AL	
	AM	
66D	BEL	
70D		
72A		
74A		

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-6100

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

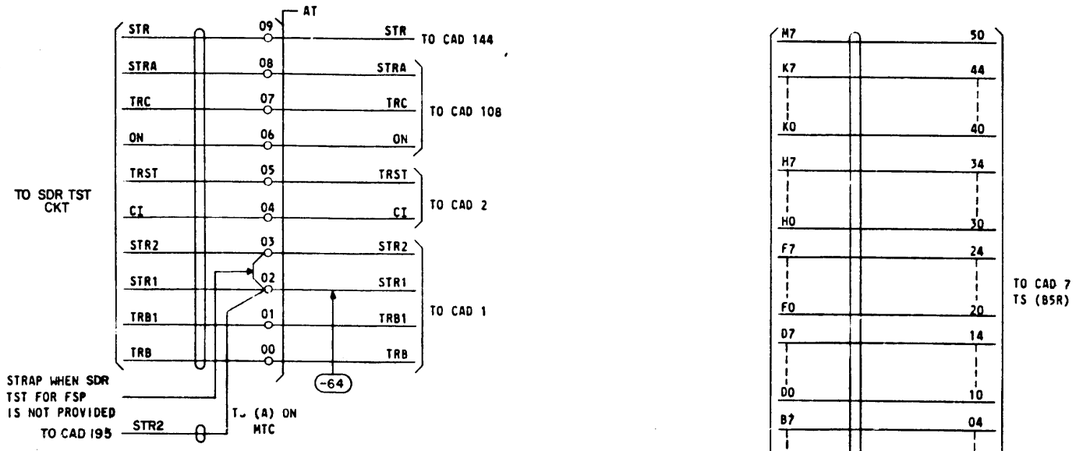
PRINTED IN U.S.A.

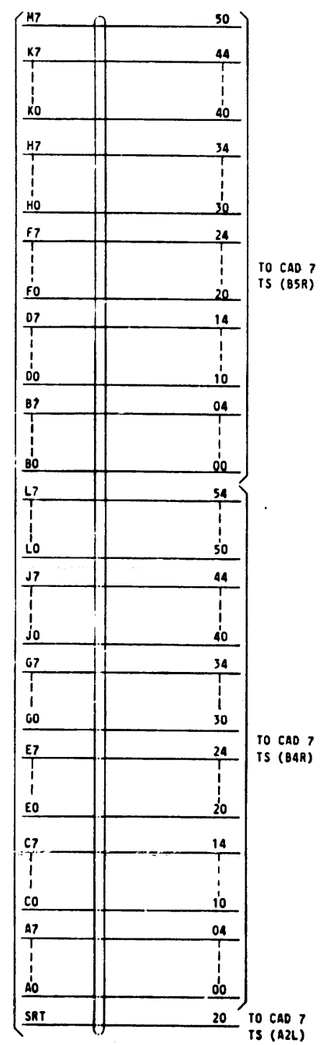
STABILO

SD-25805-01-6100

CAD 146

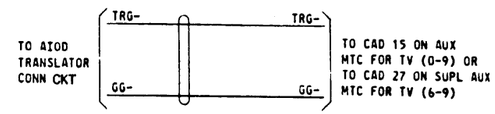
(SWBD CA FROM MTC TO AUX TEST FR)





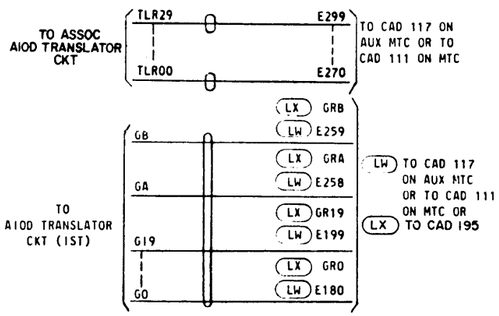
CAD 147

SWBD CA FROM AUX MTC OR SUPL AUX MTC TO AIOD TRANSLATOR CONN CKT



CAD 148

SWBD CA FROM AUX MTC OR MTC TO AIOD TRANSLATOR



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
70D
73D

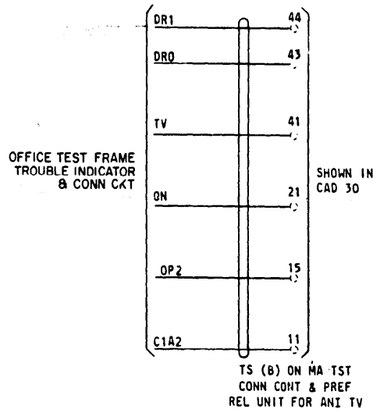
ISSUE 98B

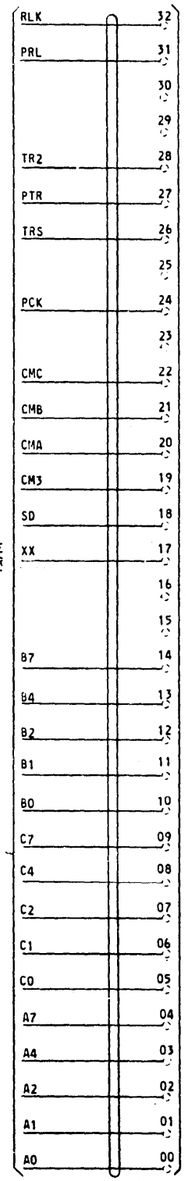
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G101
BELL TELEPHONE LABORATORIES INCORPORATED
65

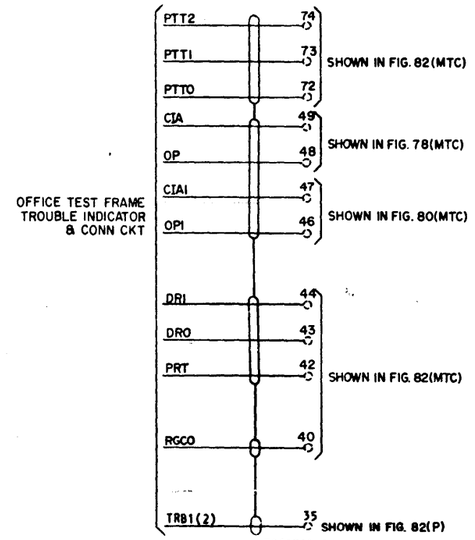
SD-25805-01-G101

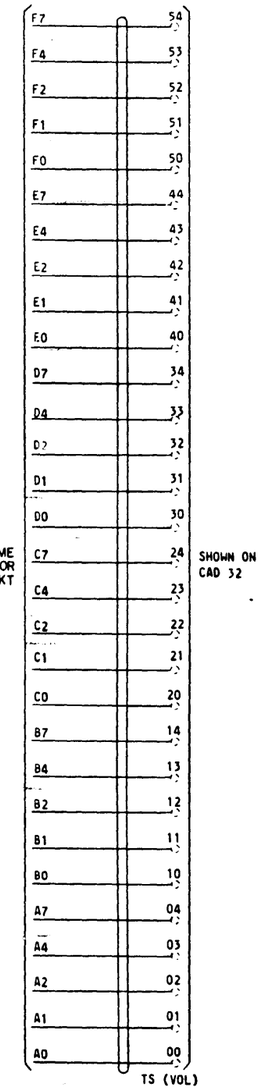
PART OF CAD 149

(SWBD CABLING TO OFFICE TEST FR)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
55D
57A
70D
71D
ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G102A

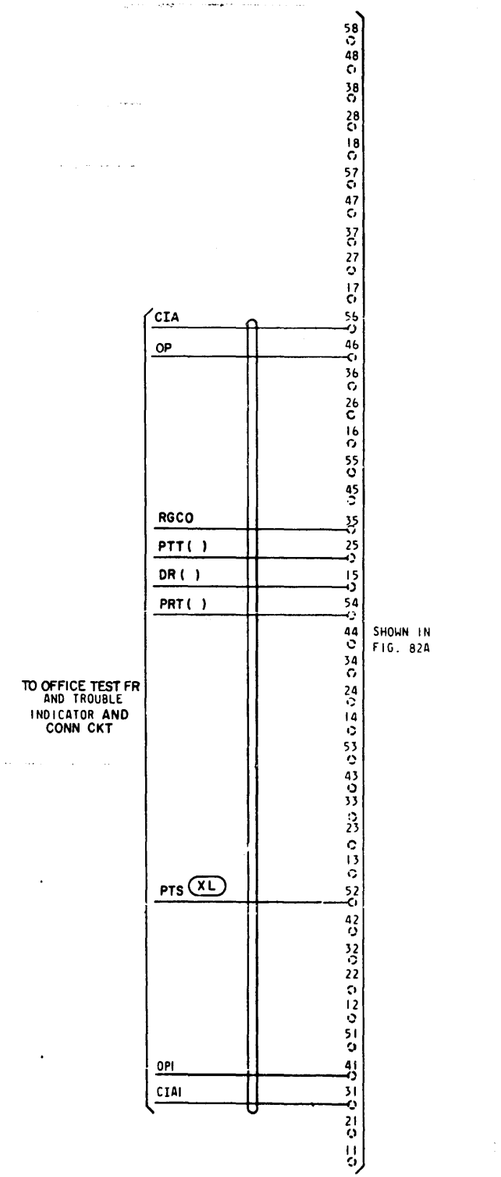
BELL TELEPHONE LABORATORIES INCORPORATED 6S

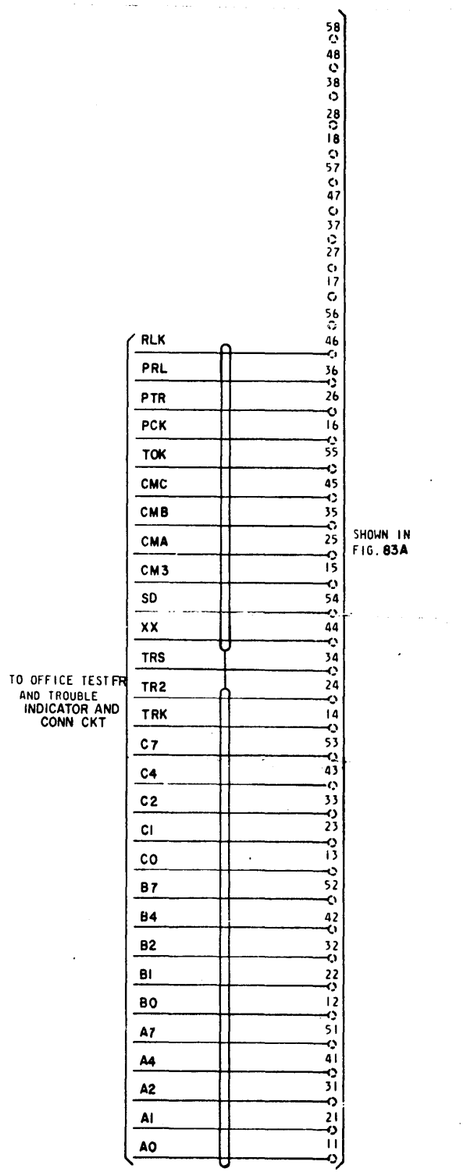
SD-25805-01-G102A

STABILO

PART OF CAD 149

(SWBD CABLING TO OFFICE TEST FR)





DRAWING ISSUE
71D
73D
75D

ISSUE 77D

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

SD-25805-01-G102B

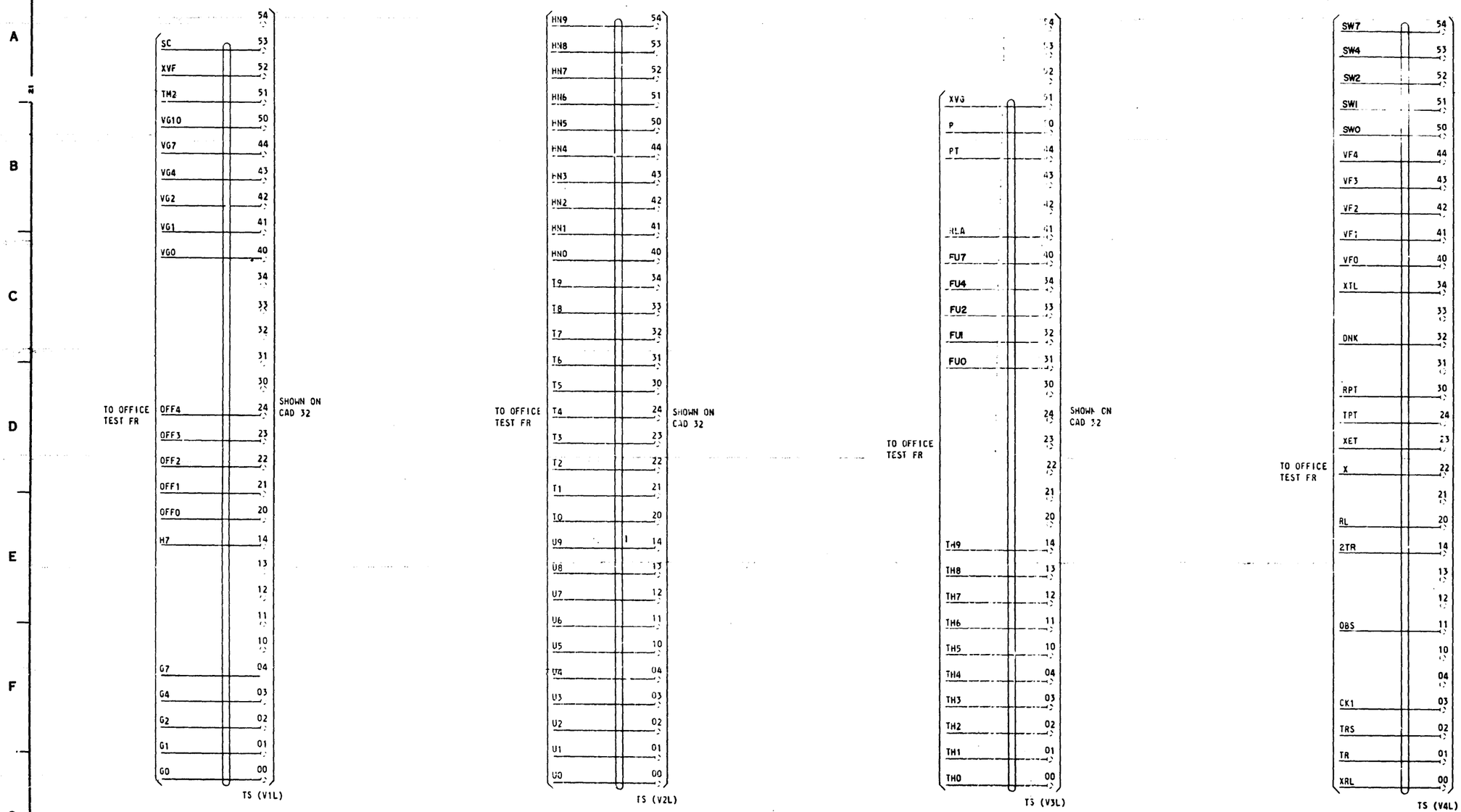
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G102B

PART OF CAD 149

(SWBD CABLING TO OFFICE TEST FR)



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	PEM, CLU, AMD
55D	PEM, LMU, AMD
70D	

70

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-GI03

BELL TELEPHONE LABORATORIES INCORPORATED 6S

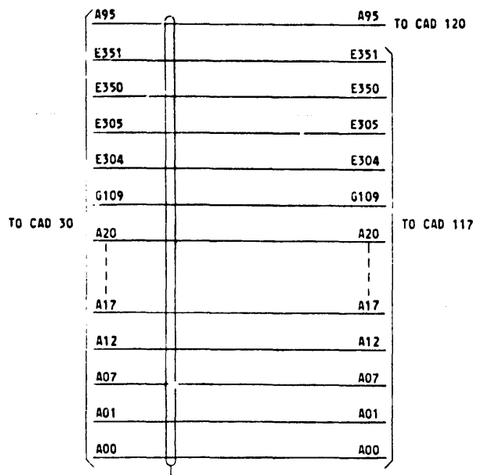
PRINTED IN U.S.A.

SD-25805-01-GI03

STABLO

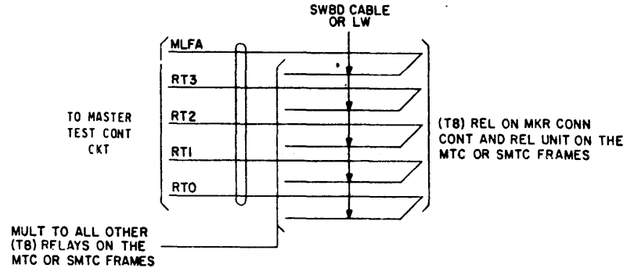
CAD 150

(SE) SWBD CABLE FROM AUX MTC TO MA TST CONN CONT & PREF REL UNIT FOR ANI TV ON ANI TV CONN FR



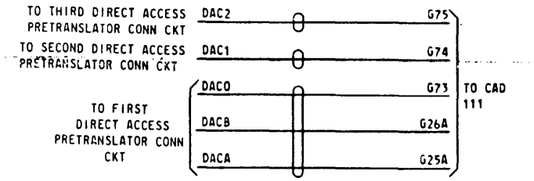
CAD 151 (A&M ONLY)

SWBD CABLE FOR FIG. 176



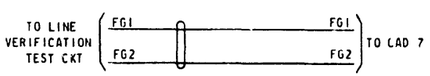
CAD 152

SWBD CABLE FROM SUPL AUX MTC TO DAPC UNITS (ONE PER SUPL AUX MTC)



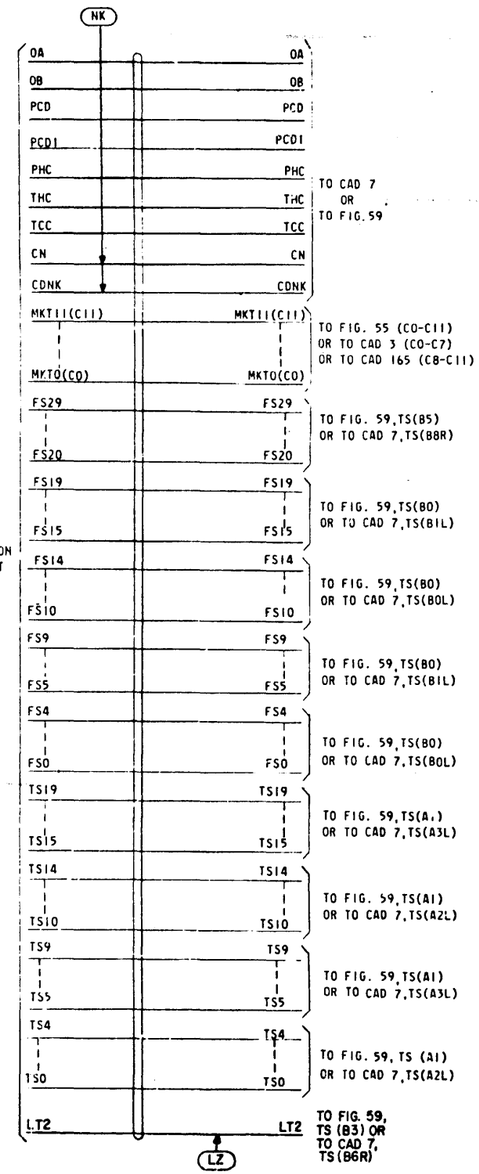
CAD 153 (SPECIAL)

SWBD CABLE FROM MTC TO LVT REL UNIT



CAD 154

SWBD CABLE FROM MTFC AUTO. PROGRFSSION TRUNK TEST CKT



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	EPM CLI
48D	BE
55D	
58A	
59D	KEG
70D	

ISSUE 92B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-0104

BELL TELEPHONE LABORATORIES INCORPORATED

6S

STABILO

CAD 157 (MFR DISC.)

SWBD CABLE TO ROUTE DISTRIBUTOR FRAME

TO ROUTE DISTRIBUTOR FRAME	HN0	HN0	TO CAD 111 (RT)
	HN1	HN1	
	HN2	HN2	
	HN4	HN4	
	HN7	HN7	
	T0	T0	
	T1	T1	
	T2	T2	
	T4	T4	
	T7	T7	
	U0	U0	
	U1	U1	
	U2	U2	
	U4	U4	
	U7	U7	
	RTK0	RTK0	TO ASSOC FIG. 58 (T1) OR TO ASSOC CAD 6 (T3)
	RTK1	RTK1	
	TRA0	TRA0	TO ASSOC FIG. 55 OR TO ASSOC CAD 3
	TRA1	TRA1	
TO FIRST SUPPLEMENTARY ROUTE DISTRIBUTOR FRAME	RTK2	RTK2	TO ASSOC FIG. 58 (T1) OR TO ASSOC CAD 6 (T3)
	RTK3	RTK3	
	RTK4	RTK4	
	TRA2	TRA2	TO ASSOC FIG. 55 OR TO ASSOC CAD 3
	TRA3	TRA3	
	TRA4	TRA4	
TO SECOND SUPPLEMENTARY ROUTE DISTRIBUTOR FRAME	RTK5	RTK5	TO ASSOC FIG. 58 (T1) OR TO ASSOC CAD 6 (T3)
	RTK6	RTK6	
	RTK7	RTK7	
	TRA5	TRA5	TO ASSOC FIG. 55 OR TO ASSOC CAD 3
	TRA6	TRA6	
	TRA7	TRA7	
TO ROUTE TRANSLATOR CONN CKT ON ROUTE DISTRIBUTOR FRAME	RTO(0-7)	RTO(0-7)	TO ASSOC FIG. 58 (T1) OR TO ASSOC CAD 6 (T3)
	RTI(0-7)	RTI(0-7)	

NOTES:
1. FOR LEGEND ~~OF EQUIPMENT~~ ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
62D NF
70D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G105

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G105

CAD 158 (MFR DISC.)

SWBD CABLE TO ROUTE TRANSLATOR FRAME

TO ROUTE TRANSLATOR CKT

1TR	E60	
2TR	E61	
A0	E65	
A1	E66	
A2	E67	
A4	E68	
A7	E69	
B0	E70	
B1	E71	
B2	E72	
B4	E73	
B7	E74	
BE	RT32 OR E148	TO CAD 111
C0	E75	
C1	E76	
C2	E77	
C4	E78	
C7	E79	
CC0	E165	
CC1	E166	
CC2	E167	
CC4	E168	
CC7	E169	
CF0	CF0	TO CAD 109 (A2) OR (V6)
CF1	CF1	
CF2	CF2	TO CAD 109 (A3) OR (V6)
CF3	CF3	
CF4	CF4	
CKF	CKF	TO CAD 111 OR CAD 109 (B9)
CP0	CP0	(A0) OR (B0)
CP1	CP1	
CP2	CP2	(A1) OR (B0)
CP3	CP3	
CP4	CP4	(C2) OR (B0)
CP5	CP5	(C2) OR (B1)
CP6	CP6	
CP7	CP7	
CST0	E235	TO CAD 111
CST1	E236	
CST2	E237	
CST4	E238	
CST7	E239	

TO CAD 109

TO ROUTE TRANSLATOR CKT

CSU0	E215	TO CAD 111
CSU1	E216	
CSU2	E217	
CSU4	E218	
CSU7	E219	
D0	30	TO CAD 109 (V0)
D1	31	
D2	32	
D4	33	
D7	34	
DAC	DAC	TO CAD 109 (A1) OR CAD 111 (E172)
DR0	E173	TO CAD 111
DR1	E174	
DR2	E175	
DR4	E176	
DR7	E177	
DRA0	DRA0	TO CAD 111 OR TO CAD 109 (C1)
DRA1	DRA1	TO CAD 111 OR TO CAD 109 (C5)
DRA2	DRA2	TO CAD 111 OR TO CAD 109 (A4)
DRA4	DRA4	
DRA7	DRA7	TO CAD 111 OR TO CAD 109 (C6)
E0	40	V0
E1	41	
E2	42	
E4	43	
E7	44	
F0	50	TO CAD 109
F1	51	
F2	52	
F4	53	
F7	54	
HN0	10	A8
HN1	11	
HN2	12	
HN4	13	
HN7	14	

TO ROUTE TRANSLATOR CKT

ID0	G45 OR E155	TO CAD 111
ID1	G46 OR E156	
ID2	G47 OR E157	
ID4	G48 OR E158	
ID7	G49 OR E159	
LA0	LA0	TO FIG. 93 OR TO CAD 160
LA1	LA1	
OA0	E250	TO CAD 111
OA1	E251	
OA2	E252	
OA4	E253	
OA7	E254	
OB0	E335	
OB1	E336	
OB2	E337	
OB4	E338	
OB7	E339	
OC0	E330	
OC1	E331	
OC2	E332	
OC4	E333	
OC7	E334	
ON	ON	TO FIG. 51 OR TO CAD 108
OT	RT31 OR E149	TO CAD 111
RT	E170	
RTA	RTA	
S0	RT20	
S1	RT21	
S2	RT22	
S3	RT23	
S4	RT24	
STR	STR	TO FIG. 51 OR CAD 108
STR1	STR1	
STR2	STR2	
T0	T0	TO CAD 111 (RT)
T1	T1	
T2	T2	
T4	T4	
T7	T7	
TA0	TA0 OR E160	TO CAD 109 (A0) OR TO CAD 111
TA1	TA1 OR E161	
TA2	TA2 OR E162	
TA4	TA4 OR E163	
TA7	TA7 OR E164	

TO ROUTE TRANSLATOR CKT

TB0	RT30 OR E171	TO CAD 111
TB1	G76	
TB2	G77	
TB4	G78	
TB7	G79	
TC0	G40 OR E150	
TC1	G41 OR E151	
TC2	G42 OR E152	
TC4	G43 OR E153	
TC7	G44 OR E154	
TCA	E178	
TCB	E179	
TH0	TH0	TO CAD 111 OR TO CAD 109 (V6)
TH1	TH1	
TH2	TH2	
TH4	TH4	
TH7	TH7	
TKT	E99	TO CAD 111
TRB-0	TRB-0	TO FIG. 93 OR TO CAD 160
TRB-1	TRB-1	
TRBI-0	TRBI-0	
TRBI-1	TRBI-1	
TRST-0	TRST-0	
TRST-1	TRST-1	
TSC0	CN0	TO CAD 111
TSC9	CN9	
WR	E96	
WWR	E97	
U0	RT25	
U1	RT26	
U2	RT27	
U4	RT28	
U7	RT29	
DRAT0	384	
DRAT1	385	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
62D NLF
70D
73D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G106

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G106

CAD 159 (MFR DISC.)

SWBO CABLE TO TRANSLATOR AND ADMINISTRATION TEST FRAME

A0	E65	
A1	E66	
A2	E67	
A4	E68	
A7	E69	
B0	E70	
B1	E71	
B2	E72	TO CAD 111
B4	E73	
B7	E74	
C0	E75	
C1	E76	
C2	E77	
C4	E78	
C7	E79	
D0	30	
D1	31	
D2	32	
D4	33	
D7	34	
E0	40	
E1	41	
E2	42	V0
E4	43	
E7	44	TO CAD 109
F0	50	
F1	51	
F2	52	
F4	53	
F7	54	
G0	00	
G1	01	
G2	02	
G4	03	V1
G7	04	
H0	RT45	
H1	RT46	
H2	RT47	TO CAD 111
H4	RT48	
H7	RT49	

TO TRANSLATOR AND ADMINISTRATION TEST FRAME

TO TRANSLATOR AND ADMINISTRATION TEST FRAME

J0	RT35	
J1	RT36	
J2	RT37	
J4	RT38	
J7	RT39	
K0	RT40	TO CAD 111
K1	RT41	
K2	RT42	
K4	RT43	
K7	RT44	
L0	00	
L1	01	
L2	02	TO CAD 109 (V7)
L4	03	
L7	04	
M0	RT15	
M1	RT16	
M2	RT17	TO CAD 111
M4	RT18	
M7	RT19	
N0	20	
N1	21	
N2	22	TO CAD 109 (V12)
N4	23	
N7	24	
STRA	STRA	TO FIG. 51 OR CAD 103
STRI	STRI	TO FIG. 51 OR CAD 108

CAD 160

(FOR FIG. 191 & 182)

TRAN

TO CAD 161	TRB 09	5T	(RMS) REL
	TRBI 08	5T	
TO JK, LP & KEY CKT ON MTF CONT BAY OR RCDR BAY	TRBI(RTI)		
	TRBI(RTO)		
	TRBI-I 07	1T	(RMIS) REL
	TRBI-O 06	3T	
	TRB-I 05	1T	(RMS) REL
TO CAD 158 (MFR DISC.)	TRB-O 04	3T	
	TRSTI 03	4B	
	LAI 02	1T	(RTPI) REL
	TRSTO 01	4B	
	LAO 00	1T	(RTPO) REL

TS (A) ON MTC

TO CAD 164	TRBI (C11)	9B	(RMIS)REL
	~~TRBI (C10)~~	7B	
	TRBI (C9)	5B	
	TRBI (C8)	3B	
	TRB (C11)	9B	(RMS)REL
	TRB (C10)	7B	
	TRB (C9)	5B	
	TRB (C8)	3B	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
62D N.F
70D
ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G107

BELL TELEPHONE LABORATORIES INCORPORATED

PRINTED IN U.S.A.

SD-25805-01-G107

CAD 161

SWBD CA TO AUTO.RANGE EXT TST CKT

AUTO. RANGE EXT TST CKT

HGO,1,2,4,7	HGO,1,2,4,7	TO CAD 7, TS(B0R) OR FIG.59, TS(B0)
FUO,1,2,4,7	FUO,1,2,4,7	
FTCK	FTCK	TO CAD 7, TS(C4L) OR FIG.59, TS(C2)
FTC	FTC	TO CAD 7, TS(TOR) OR FIG.59, TS(TO)
FTO,1,2,3,	FTO,1,2,3	TO CAD 7, TS(B1R) OR FIG.59, TS(B0)
FM	FM	TO CAD 7, TS(A5R) OR FIG.59, TS(A2)
EXT	EXT	TO CAD 7, TS (T1R) OR FIG.59, TS (TO)
DIS1	DIS1	TO CAD 7, TS (C5L) OR FIG.59, TS (C2)
DIS	DIS	TO CAD 7, TS (T0R) OR FIG.59, TS (TO)
DCT	DCT	TO CAD 7, TS (C4L)
D7	D7	TO CAD 7, TS (B5L) OR FIG.59, TS (B2)
CUO,1,2,4,7	CUO,1,2,4,7	TO CAD 7, TS (C2L) OR FIG.59, TS (C1)
CTA4,7	CTA4,7	TO CAD 7,TS(T3L)
CTA1,2	CTA1,2	TO CAD 7, TS (T3L) OR FIG.59, TS (T1)
CTAO	CTAO	TO CAD 7, TS (T2L) OR FIG.59, TS (T1)
CSG1,2	CSG1,2	TO CAD 7, TS (T2L) OR FIG. 59, TS (T1)
CRUO,1,2,4,7	CRUO,1,2,4,7	TO CAD 7, TS (B3L) OR FIG. 59, TS (B1)
CKG1	CKG1	TO CAD 7, TS (T0R) OR FIG.59, TS (TO)
CIK	CIK	TO CAD 7,TS (B2R) OR TS (A7R) OR FIG. 59,TS (B1) OR (NA) TO FIG. 59,TS (A3)
CIB	CIB	TO CAD 103 OR FIG.51
CI	CI	TO CAD 162 OR FIG.94
CGA,B	CGA,B	TO CAD 7, TS (C4L) OR FIG.59, TS (C2)
CO,1,2,4,7	CO,1,2,4,7	TO CAD 7, TS (B4L) OR FIG.59, TS (B2)
BY	BY	TO CAD 7, TS (A6R) OR FIG.59, TS (A3)
BT	BT	TO CAD 7, TS (B6L) OR FIG.59, TS (B3)
BO,1,2,4,7	BO,1,2,4,7	TO CAD 7, TS (B5L) OR FIG.59, TS (B2)
ASK	ASK	TO CAD 7, TS (B3L), FIG.59 TS (B1) OR CAD 111, TERM. E108
ARETI	ARETI	TO CAD 111, TERM. E380 OR TERM. 115
ARET	ARET	TO CAD 162 OR FIG.94
AO,1,2,4,7	AO,1,2,4,7	TO CAD 7, TS (B4L) OR FIG.59, TS (B2)
2W	2W	TO CAD 111, TERM. E110

AUTO. RANGE EXT TST CKT

SPC	SPC	TO CAD 162 OR FIG.94
SP	SP	
SCK	SCK	TO CAD 7, TS (B7L) OR FIG.59, TS (B3)
RP	RP	
RK	RK	TO CAD 109, TS (B3) OR CAD 111, TERM. E107
REP	REP	TO CAD 162 OR FIG.88
RBTI	RBTI	TO CAD 7, TS (C5L) OR FIG.59, TS (C2)
RBT	RBT	TO CAD 7, TS (TOR) OR FIG.59, TS (TO)
PK	PK	TO CAD 7, TS (B5L) OR FIG.59, TS (B2)
OR	OR	TO CAD 7, TS (C6L) OR FIG.59, TS (C3)
ON	ON	TO CAD 104 OR FIG.51
NTH	NTH	TO CAD 7, TS (TOR) OR FIG.59, TS (TO)
NTB	NTB	TO CAD 7,TS (C6L) OR (A7R) OR FIG. 59, TS (C3) OR (NA) TO FIG. 59, TS (A3)
NOB	NOB	TO CAD 7, TS (C7L) OR FIG.59, TS (C3)
MT10K	MT10K	TO CAD 7, TS(T1R) OR FIG.59, TS(TO)
MT8K	MT8K	TO CAD 7, TS (T3L) OR FIG.59, TS (T1)
MT7	MT7	
MT4K	MT4K	TO CAD 7, TS (C5L) OR FIG.59, TS (C2)
MT1K	MT1K	TO CAD 7, TS (TOR) OR FIG.59, TS (TO) OR (OD) TO CAD 7, TS (A5R) OR FIG.59 TS (A2) (OJ)
MRL	MRL	TO CAD 7, TS (C4L) OR FIG.59, TS (C2)
MOI	MOI	TO CAD 7, TS(TOR) OR FIG.59, TS(TO)
MTK8-11	MTK8-11	TO CAD 164
MKTO-7	MKTO-7	TO CAD 3 OR FIG.55 (SEE NOTE 222)
MKS	MKS	TO CAD 162 OR FIG.94
LT	LT	TO CAD 7, TS (B7L) OR FIG.59, TS (B3)
LOLL	LOLL	TO CAD 7, TS (B9L) OR FIG.59, TS (B5)
LLO,1,2,4,7	LLO,1,2,4,7	TO CAD 7, TS (A2R) OR FIG. 59, TS (A1)
LK3	LK3	TO CAD 7, TS (T1R) OR FIG. 59, TS (TO)
LK2	LK2	TO CAD 7, TS (TOR) OR FIG.59, TS (TO)
LHMT	LHMT	TO CAD 7, TS (T2L) OR FIG. 59, TS (T1)
KJSQ	KJSQ	TO CAD 7, TS (T3L) OR FIG.59, TS (T1)
JSQO	JSQO	TO CAD 7, TS (T2L) OR FIG.59, TS (T1)

AUTO. RANGE EXT TST CKT

VG4,7	VG4,7	TO CAD 7, TS (B0R) OR FIG.59, TS (B0)
VFO	VFO	TO CAD 7, TS (B1R) OR FIG.59, TS (B0)
TSE1,2	TSE1,2	TO CAD 7, TS (T0R) OR FIG.59, TS (TO)
TS	TS	TO CAD 162 OR FIG. 94
TRST	TRST	
TRMF	TRMF	TO CAD 7, TS (B3L), FIG.59, TS (B1) OR CAD 111, TERM.125
TRLA	TRLA	TO CAD 7, TS (A7R) OR (COL) OR CAD 59, TS (A3)
TRL	TRL	TO CAD 7, TS (C2L) OR FIG.59, TS (C1)
TRK	TRK	TO CAD 7, TS (C3L) OR FIG.59, TS (C1)
TRC	TRC	TO FIG.51 OR CAD 104
TRB1	TRB1	TO FIG.93 OR CAD 160
TRB	TRB	
TM	TM	TO CAD 103 OR FIG.51
TI	TI	TO CAD 111 OR FIG.51
TDCT	TDCT	TO CAD 7, TS (T0R) OR FIG.59, TS (TO)
TCHK	TCHK	TO CAD 7, TS (C1L) OR FIG.59, TS (C0)
TCH5-9	TCH5-9	TO CAD 7, TS (T3L) OR FIG.59, TS (T1)
TCH0-4	TCH0-4	TO CAD 7, TS (T2L) OR FIG.59, TS (T1)
TB	TB	TO CAD 7, TS (T0R) OR FIG 59, TS (TO)
STR1,2,A	STR1,2,A	TO CAD 109 OR FIG.51
STR	STR	TO FIG.51 OR CAD 104
STP2	STP2	TO CAD 7, TS (C1L) OR FIG.59, TS (C0)
STP1	STP1	TO CAD 7, TS (C0L) OR FIG. 59, TS (C0)

CAD 162

FOR FIGURES 193 & 194

TO CAD 161

	09	ARET	
	08		
REP	07	REP	TO CAD 2
SPC	06	1T	(SP4) REL
SP	05	4B	
TS	04	6B	(REP1) REL
MKS	03	9T	
TRST	02	6B	(REP2) REL
ARET	01	5T	
CI	00	1T	

TS (A) ON MTC

CAD 7, TS (A2L)	ARET2	4T	(REP2) REL
TO CAD 111, TERM. 59 OR 127	ARET	6T	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
62D	RLF
65A	LFP
67A	RAC
68D	
70D	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G108

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

CAD 163

SWITCHBOARD CABLE TO WIDEBAND/BIT-STREAM TRUNK TEST REGISTER CKT

A0	00	TO CAD 7 (B4R)
A1	01	
A2	02	
A4	03	
A7	04	
AL	AL	TO CAD 7 (C4R)
ALT	ALT	TO CAD 7 (TOL)
AMA	AMA	TO CAD 7 (B2L)
B0	00	TO CAD 7 (B5R)
B1	01	
B2	02	
B4	03	
B7	04	
BT	BT	TO CAD 7 (B6R)
C0	10	TO CAD 7 (B4R)
C1	11	
C2	12	
C4	13	
C7	14	
CGA	CGA	TO CAD 7 (C4R)
CGB	CGB	
C1ø	C1B	TO CAD 145
CKG1	CKG1	TO CAD 7 (TOL)
CSG1	CSG1	TO CAD 7 (T2R)
CSG2	CSG2	
CSW	CSW	TO CAD 7 (B9R)
CRU0	30	TO CAD 7 (B3R)
CRU1	31	
CRU2	32	
CRU4	33	
CRU7	34	
CTA0	CTA0	TO CAD 7 (T2R)
CTA1	CTA1	TO CAD 7 (T3R)
CTA2	CTA2	
CTA4	CTA4	TO CAD 7 (T3R)
CTA7	CTA7	
CU0	CU0	TO CAD 7 (C2R)
CU1	CU1	
CU2	CU2	
CU4	CU4	
CU7	CU7	
D0	10	TO CAD 7 (B5R)
D1	11	
D2	12	
D4	13	
D7	14	
DCT	DCT	TO CAD 7 (C4R)

TO WIDEBAND/BIT-STREAM TRUNK TEST REGISTER CKT

DIS	DIS	TO CAD 7 (TOL)
DISI	DISI	TO CAD 7 (C5R)
E0	20	TO CAD 7 (B4R)
E1	21	
E2	22	
E4	23	
E7	24	
ECN	ECN	TO CAD 7 (C6R)
F	F	TO CAD 7 (TOL)
F0	20	TO CAD 7 (B5R)
F1	21	
F2	22	
F4	23	
F7	24	
FAC	FAC	TO CAD 7 (B2L)
FG0	FG0	TO CAD 7 (B1L)
FG1	FG1	
FG2	FG2	TO CAD 7 (B8R)
FTC	FTC	TO CAD 7 (TOL)
FTCK	FTCK	TO CAD 7 (C4R)
FT0	FT0	TO CAD 7 (B1L)
FT1	FT1	
FT2	FT2	
FT3	FT3	
FU0	FU0	TO CAD 7 (B0L)
FU1	FU1	
FU2	FU2	
FU4	FU4	
FU7	FU7	
FVD	FVD	TO CAD 7 (B7R)
G0	30	TO CAD 7 (B4R)
G1	31	
G2	32	
G4	33	
G7	34	
GPA	02	TO CAD 7 (C7R)
GPB	03	
H0	30	TO CAD 7 (B5R)
H1	31	
H2	32	
H4	33	
H7	34	
HG0	HG0	TO CAD 7 (B0L)
HG1	HG1	
HG2	HG2	
HG4	HG4	
HG7	HG7	
HMS1	HMS1	TO CAD 7 (B1L)

TO WIDEBAND/BIT-STREAM TRUNK TEST REGISTER CKT

HT0	HT0	TO CAD 7 (B7R)
HT1	HT1	
HT2	HT2	
HT4	HT4	
HT7	HT7	
INC	INC	TO CAD 7 (B3R)
J0	40	TO CAD 7 (B4R)
J1	41	
J2	42	
J4	43	
J7	44	
K0	40	TO CAD 7 (B5R)
K1	41	
K2	42	
K4	43	
K7	44	
L7	54	TO CAD 7 (B4R)
LHM	LHM	TO CAD 7 (TR2)
LHMT	LHMT	
LK2	LK2	TO CAD 7 (TOL)
LK3	LK3	TO CAD 7 (TIL)
LT	LT	TO CAD 7 (B7R)
LT1	LT1	TO CAD 7 (B6R)
LT2	LT2	
LT3	LT3	TO CAD 7 (B2L)
MF	E57	TO CAD 111
MKS	MKS	TO CAD 145
MKT0	MKT0	TO CAD 3 TS (A)
MKT1	MKT1	
MT5	MT5	TO CAD 7 (T3R)
MO1	MO1	TO CAD 7 (TOL)
MRL	MRL	TO CAD 7 (C4R)
MTIK	MTIK	TO CAD 7 (TOL)
NDT	NDT	TO CAD 7 (C1R)
NH	NH	TO CAD 7 (C5R)
NOBT	NOBT	TO CAD 7 (TIL)
OA	OA	TO CAD 7 (B7R)
OB	OB	
OR	OR	TO CAD 7 (C6R)
PCD	PCD	TO CAD 7 (B3R)
PCD1	PCD1	
PCR	PCR	
PK	PK	TO CAD 7 (B5R)
PK1	PK1	TO CAD 111
RA	RA	TO CAD 7 (C2R)
RBT	RBT	TO CAD 7 (TOL)
RBT1	RBT1	TO CAD 7 (C5R)
ROG	ROG	TO CAD 7 (TIL)

TO WIDEBAND/BIT-STREAM TRUNK TEST REGISTER CKT

RP	RP	TO CAD 7 (B7R)
S0	S0	TO CAD 7 (TIL)
S1	S1	
S2	S2	
S3	S3	
S4	S4	
S5	S5	
S6	S6	
S7	S7	
S8	S8	
S9	S9	
SB	SB	TO CAD 7 (TOL)
SBT	SBT	
SCK	SCK	TO CAD 7 (B7R)
TAN	50	TO CAD 7 (B2L)
TAN1	51	
TAN2	52	
TAN3	53	
TAN4	54	
TB	TB	TO CAD 7 (TOL)
TBT	TBT	
TBT0	40	TO CAD 35 TS(E1L)
TBT1	41	
TBT2	42	
TBT3	43	
TBT4	44	
TBT5	50	
TBT6	51	
TBT7	52	
TBT8	53	
TBT9	54	
TBTA	14	
TBU0	20	
TBU1	21	
TBU2	22	
TBU3	23	
TBU4	24	
TBU5	30	
TBU6	31	
TBU7	32	
TBU8	33	
TBU9	34	
TBUA	12	
TCA	TCA	TO CAD 7 (B6R)
TCB	TCB	
TDCT	TDCT	TO CAD 7 (TOL)
TF0	TF0	TO CAD 7 (B0L)
TF1	TF1	
TF2	TF2	

TO WIDEBAND/BIT-STREAM TRUNK TEST REGISTER CKT

THT2	THT2	TO CAD 7 (T2R)
THT3	THT3	
TF4	TF4	TO CAD 7 (B0L)
TF7	TF7	
THT0	THT0	TO CAD 7 (B6R)
THT1	THT1	
TI	E02	TO CAD 111
TOL	TOL	TO CAD 7 (TOL)
TM	TM	TO CAD 145
TMK	TMK	TO CAD 7 (C5R)
TMK1	TMK1	
TR2	TR2	TO CAD 7 (C3R)
TRK	TRK	
TRL	TRL	TO CAD 7 (C2R)
TRL1	TRL1	TO CAD 7 (TOL)
TRL2	TRL2	TO CAD 7 (C5R)
TS	TS	TO CAD 145
TSE1	TSE1	TO CAD 7 (TOL)
TST	TST	TO CAD 145
TT	TT	TO CAD 7 (B7R)
TT0	40	
TT1	41	
TT2	42	
TT4	43	
TT7	44	
TTR	G70	TO CAD 111
TTRP	TTRP	TO CAD 145
UT0	50	TO CAD 7 (B7R)
UT1	51	
UT2	52	
UT4	53	
UT7	54	
VF0	VF0	TO CAD 7 (B1L)
VF1	VF1	
VF2	VF2	
VF3	VF3	
VF4	VF4	
VG0	VG0	TO CAD 7 (B0R)
VG1	VG1	
VG2	VG2	
VG4	VG4	
VG7	VG7	
X11	X11	TO CAD 7 (B7R)
2DT	2DT	TO CAD 7 (B3R)
2W	E110	TO CAD 111

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
66D
70D
73D
75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

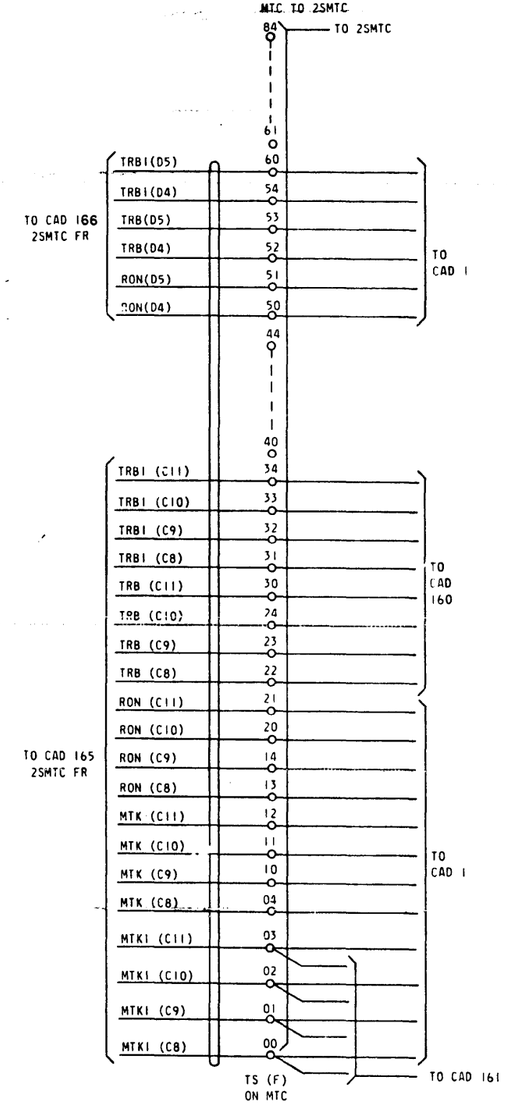
SD-25805-01-G109

BELL TELEPHONE LABORATORIES INCORPORATED

6S

CAD 164

FOR FIG. 1 & 182 WITH MARKER EXPANSION SWBD CABLE FROM MTC TO 2SMTC



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE 70D

70

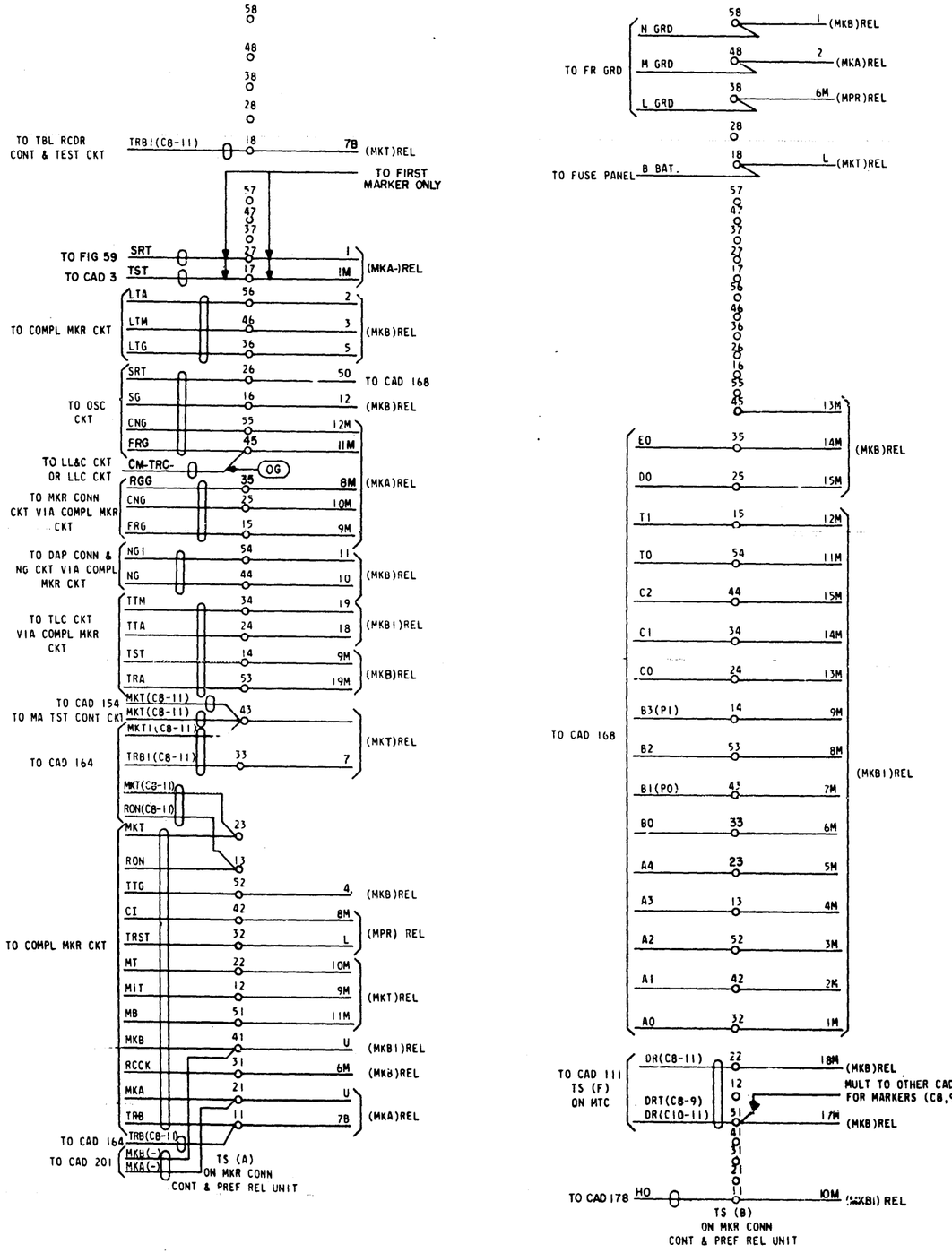
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G110

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-25805-01-G110

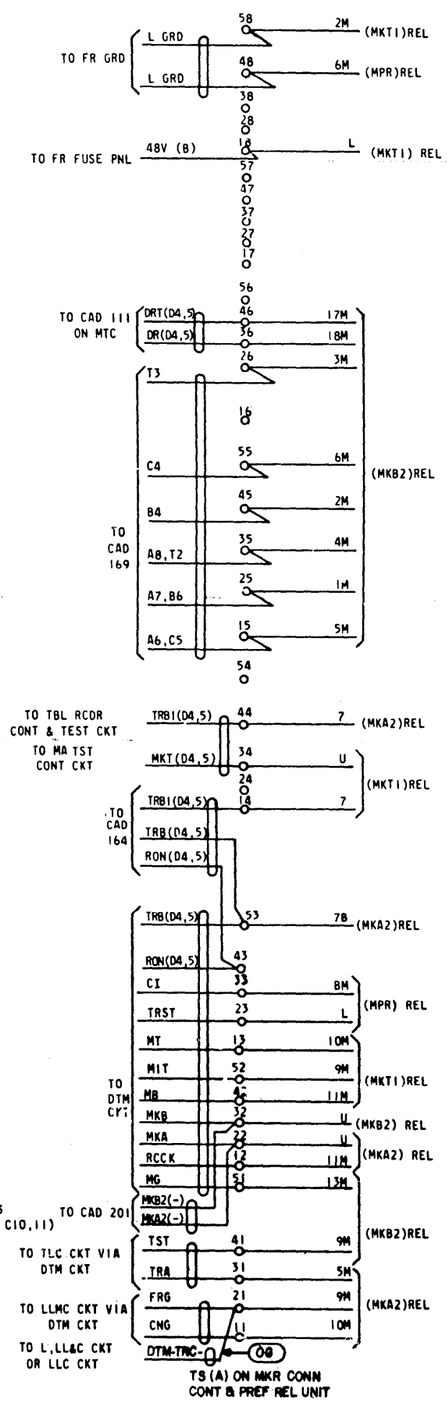
CAD 165

FOR FIG. 187
ON 2SMTC FR
(ONE PER COMPL MKR)



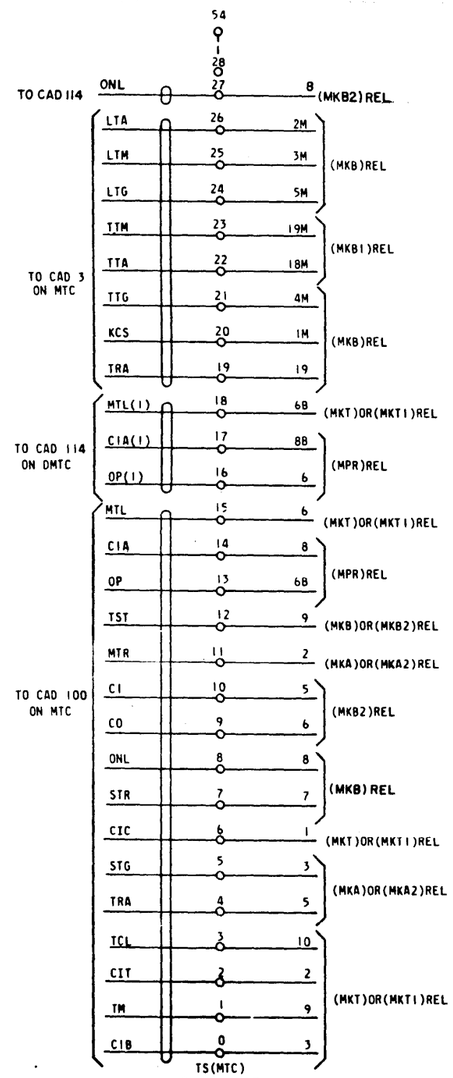
CAD 166

FOR FIG. 188
ON 2SMTC FR
(ONE PER DTM)



CAD 167

FOR FIG.187 & 188
ON 2SMTC FR



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
70D
75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT ②

SD-25805-01-GIII

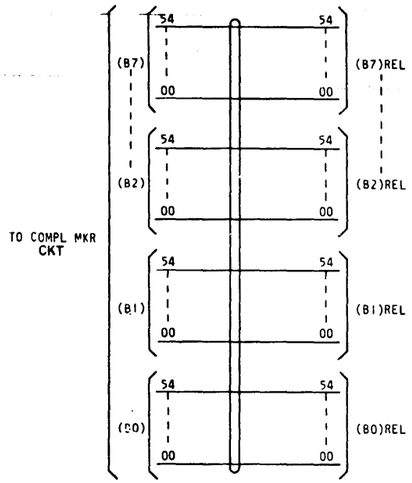
BELL TELEPHONE LABORATORIES INCORPORATED

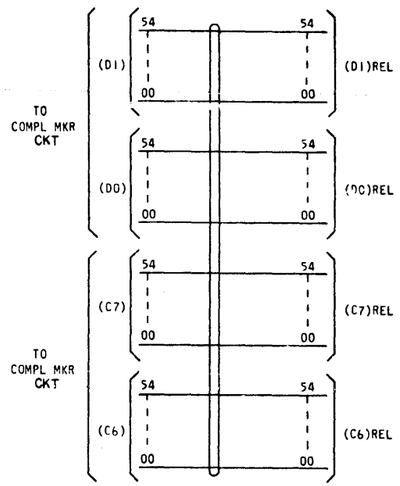
6S

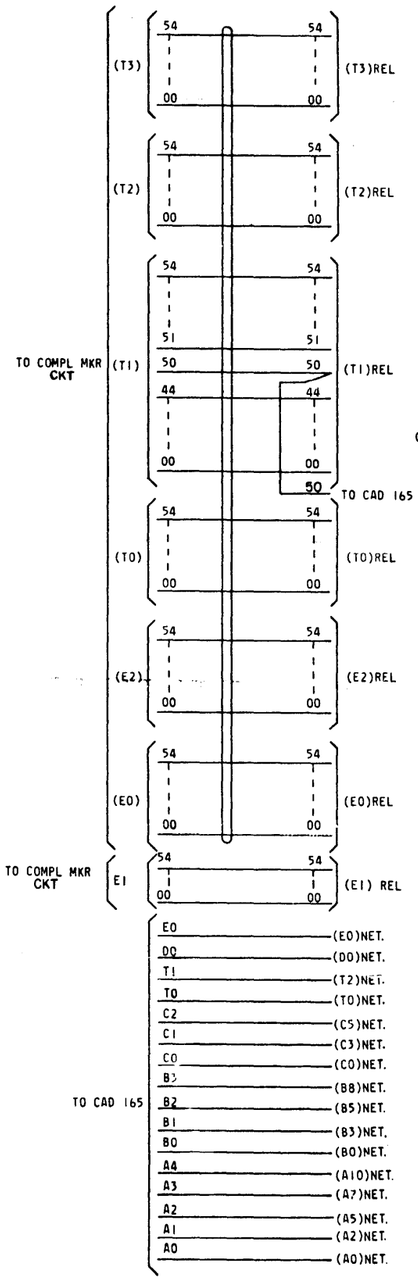
SD-25805-01-GIII

CAD 168

SWBD CA FROM 2SMTC FR TO COMPL MKR, FIG.150, 163 AND 164 CONTACT SIDE. ONE PER COMPL MKR (FOR LEAD DESIGNATIONS SEE TABLE 2A)

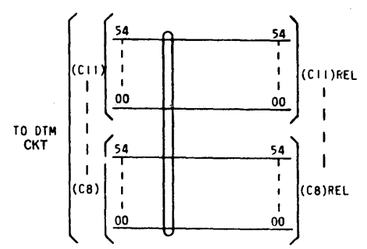


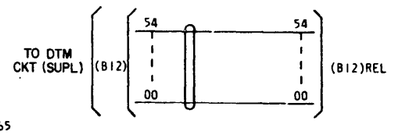


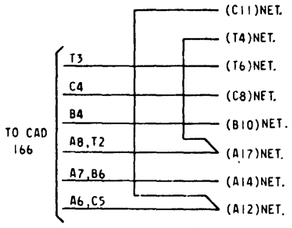


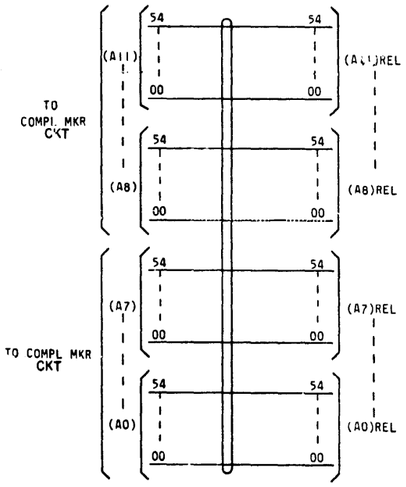
CAD 169

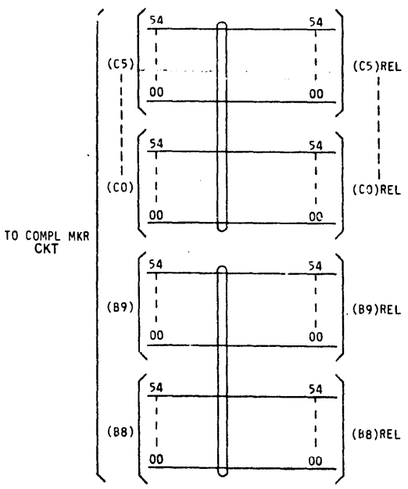
FOR FIG.151 ON 2SMTC FR CONTACT SIDE (SEE TABLE 3A FOR LEAD DESIGNATIONS)

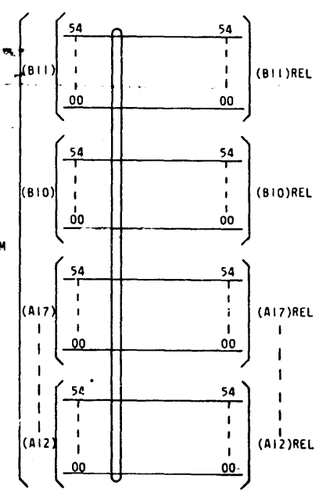


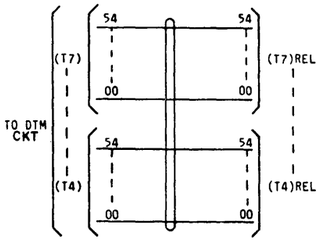












NOTES:
1. FOR LEGEND OF ~~EQUIPMENT~~ ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
70D
73D

ISSUE
77D

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

SD-25805-01-G112

BELL TELEPHONE LABORATORIES INCORPORATED

6S

CAD 170

FOR FIG. 150, 163 & 164
ON 2SMTC FR
STRAP WIRE SIDE

TO MTC FR CAD 7

(A9R) 54 54 00 00 T.S.(A9L)
(A8R) 54 54 00 00 T.S.(A8L)
(A7R) 54 54 00 00 T.S.(A7R)
(A6R) 54 54 00 00 T.S.(A6R)
(A5R) 54 54 00 00 T.S.(A5R)
(A4R) 54 54 00 00 T.S.(A4R)
(A3R) 54 54 00 00 T.S.(A3R)
(A2R) 54 54 00 00 T.S.(A2R)
(A1R) 54 54 00 00 T.S.(A1R)
(A0R) 54 54 00 00 T.S.(A0R)

BAREWIRE MULT REL 8-11

TO MTC FR CAD 7

(B7L) 54 54 00 00 T.S.(B7L)
(B6L) 54 54 00 00 T.S.(B6L)
(B5L) 54 54 00 00 T.S.(B5L)
(B4L) 54 54 00 00 T.S.(B4L)
(B3L) 54 54 00 00 T.S.(B3L)
(B2R) 54 54 00 00 T.S.(B2L)
(B1R) 54 54 00 00 T.S.(B1R)
(B0R) 54 54 00 00 T.S.(B0R)
(A11R) 54 54 00 00 T.S.(A11L)
(A10R) 54 54 00 00 T.S.(A10L)

BAREWIRE MULT REL 8-11

TO MTC FR CAD 7

(C7L) 54 54 00 00 T.S.(C7L)
(C6L) 54 54 00 00 T.S.(C6L)
(C5L) 54 54 00 00 T.S.(C5R)
(C4L) 54 54 00 00 T.S.(C4R)
(C3L) 54 54 00 00 T.S.(C3R)
(C2L) 54 54 00 00 T.S.(C2R)
(C1L) 54 54 00 00 T.S.(C1R)
(C0L) 54 54 00 00 T.S.(CCR)
(B9L) 54 54 00 00 T.S.(B9R)
(B8L) 54 54 00 00 T.S.(B8R)

BAREWIRE MULT REL 8-11

TO MTC FR CAD 7

(T3L) 54 54 00 00 T.S.(T3R)
(T2L) 54 54 00 00 (T.S.(T2R)
(T1R) 54 54 00 00 T.S.(T1L)
(T0R) 54 54 00 00 T.S.(T0L)

TO MTC EXT UNIT CAD 35

(E2L) 54 54 00 00 T.S.(E2R)
(E1L) 54 54 00 00 T.S.(E1R)
(E0L) 54 54 00 00 T.S.(E0R)

TO MTC EXT UNIT CAD 39

(D1L) 54 54 00 00 T.S.(D1R)
(D0L) 54 54 00 00 T.S.(D0R)

BAREWIRE MULT REL 8-11

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE 70D

70

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

SD-25805-01-G113

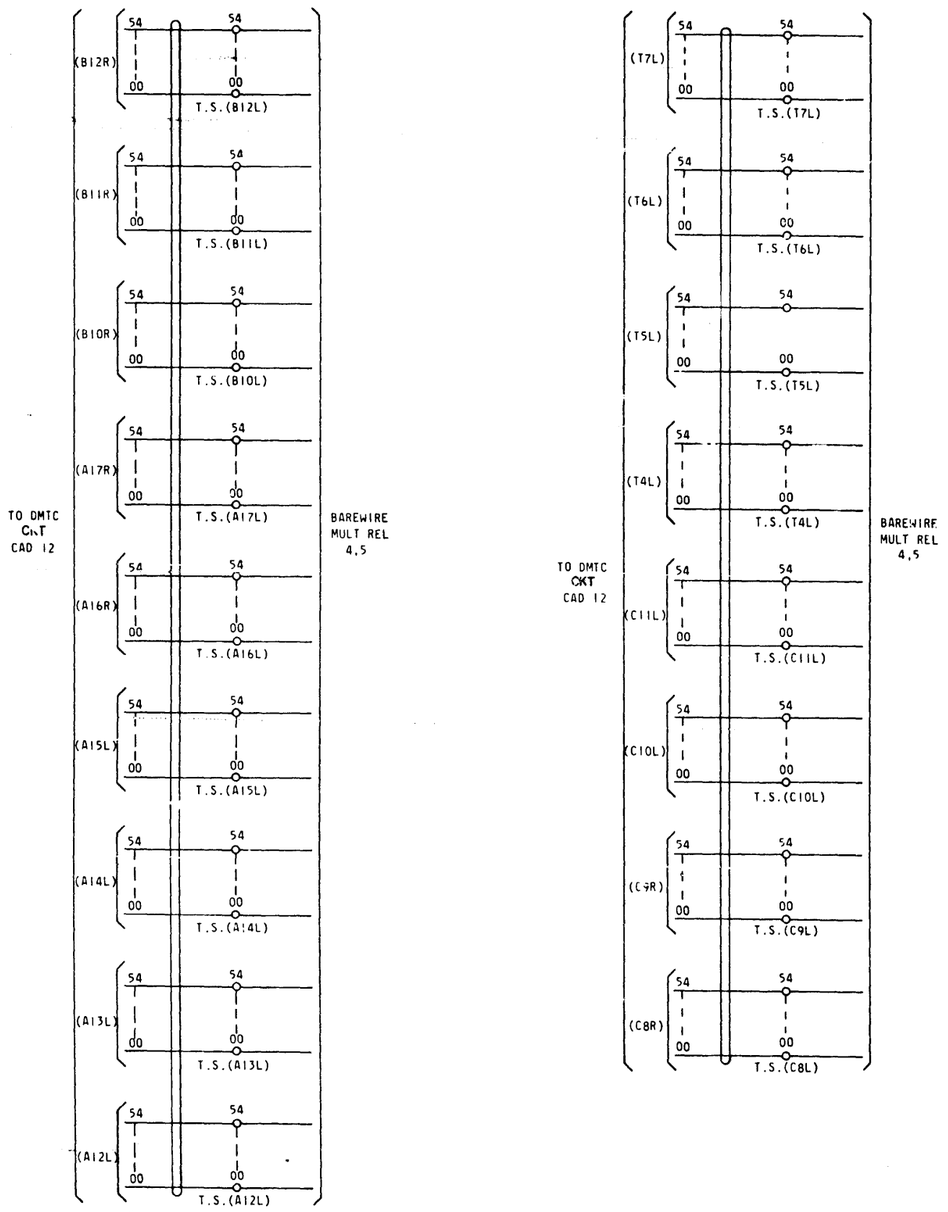
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G113

CAD 171

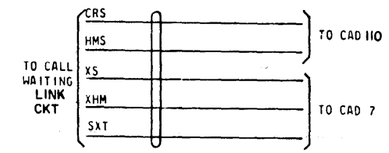
FOR FIG 151 STRAP WIRE
SIDE ON 2SMTC FR



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

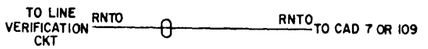
CAD 172

SWBD CA CALL WAITING LINK FR



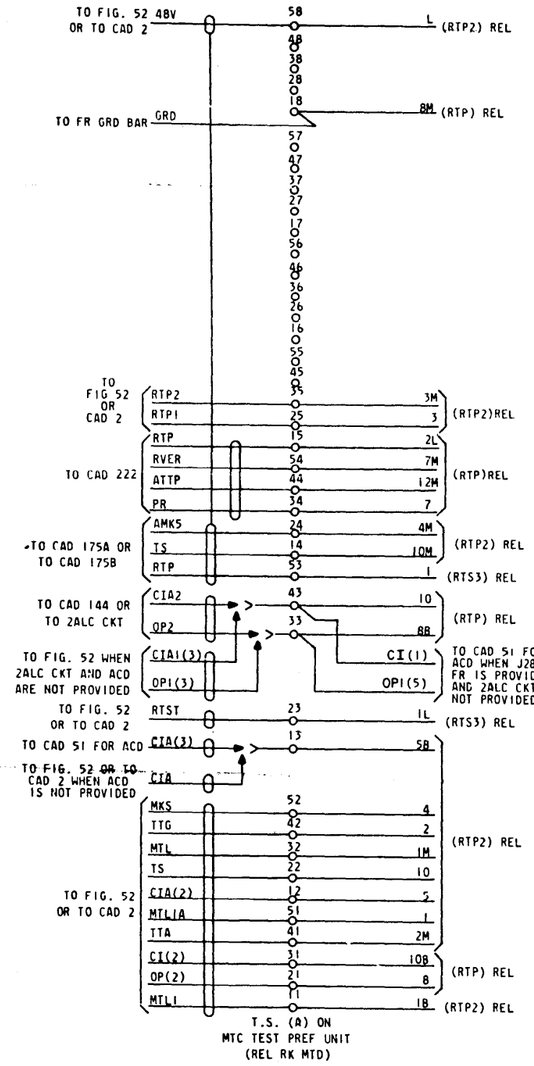
CAD 173

SWBD CA FROM MTC TO LINE VERIFICATION UNIT



(OV) CAD 174

FOR FIG. 194,195
MTC ROT PREF UNIT



DRAWING ISSUE
70D
72A
73D
74D

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G114

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G114

CAD 175A (OV)

SWBD CABLE FROM MTFC CKT OR TO REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE CONTROL CKT

DRAWING ISSUE
73D
74A

TO REMOTE OFFICE TEST LINE CKT

F7	F7	FIG.59 TS(B2) OR CAD 109 TS(B5)
FO	FO	
E7	E7	FIG.59 TS(B2) OR CAD 109 TS(B4)
EO	EO	
DISI	DISI	FIG.59 TS(C2) OR CAD 109 TS(C5)
DIS	DIS	FIG.59 TS(TO) OR CAD 7 TS(TOR)
DCT	DCT	FIG.59 TS(C2) OR CAD 109 TS(C4)
D7	D7	FIG.59 TS(B2) OR CAD 109 TS(B5)
DO	DO	
CU7	CU7	FIG.59 TS(C1) CAD 109 TS(C2)
CUO	CUO	
CTA7	CTA7	CAD 7 TS(T3L)
CTA4	CTA4	
CTA2	CTA2	FIG.59 TS(T1) OR CAD 7 TS(T2L)
CTAO	CTAO	
CSG2	CSG2	FIG.59 TS(T1) OR CAD 12 TS(T6L)
CSG1	CSG1	
CRU7	CRU7	FIG.59 TS(B1) OR CAD 109 TS(B3)
CRUO	CRUO	
CKG1	CKG1	FIG.59 TS(TO) OR CAD 7 TS(TOR)
CIB	CIB	FIG.51 TS (MISC) OR CAD 1
CGB	CGB	FIG.59 TS(C2) OR CAD 109 TS(C4)
CGA	CGA	
C7	C7	FIG.59 TS(B2) OR CAD 109 TS(B4)
CO	CO	
BT	BT	FIG.59 TS(B3) OR CAD 109 TS(B6)
B7	B7	FIG.59 TS(B2) OR CAD 109 TS(B5)
BO	BO	
AL	AL	FIG.59 TS(C2) OR CAD 109 TS(C4)
ATKT	ATKT	FIG.60 TS(MISC) OR CAD 111 TS(E)
AMA	AMA	FIG.59 TS(B1) OR CAD 109 TS(B2)
A7	A7	FIG.59 TS(B2) OR CAD 109 TS(B4)
AO	AO	
CL5	CL5	FIG. 59 TS (B1) OR CAD 109 TS (B2)
CL3	CL3	

TO REMOTE OFFICE TEST LINE CKT

MT12	MT12	FIG.59 TS(TO) OR CAD 7 TS(TOR)
MT10K	MT10K	FIG.59 TS(TO) OR CAD 7 TS(T1R)
MT9K	MT9K	FIG.59 TS(T1) OR CAD 7 TS (T3L)
MT8K	MT8K	
MT5	MT5	
MT2K	MT2K	FIG.59 TS(TO) OR CAD 7 TS(T1R)
MT1K	MT1K	FIG.59 TS(TO) OR CAD 7 TS(TOR)
MRL	MRL	FIG.59 TS(C2) OR CAD 109 TS(C4)
MQ1	MQ1	FIG.59 TS(TO) OR CAD 7 TS(TOR)
MKT-	MKT-	FIG.53 OR CAD 3
LT3	LT3	FIG.59 TS(B1) OR CAD 109 TS(B2)
LT2	LT2	FIG.59 TS(B3) OR CAD 109 TS(B6)
LT1	LT1	
LT	LT	FIG.59 TS(B3) OR CAD 109 TS(B7)
LK3	LK3	FIG.59 TS(TO) OR CAD 7 TS(T1R)
LK2	LK2	FIG.59 TS(TO) OR CAD 7 TS(TOR)
LHMT	LHMT	FIG.59 TS(T1) OR CAD 7 TS(T2L)
LHM	LHM	
H7	H7	FIG.59 TS(B2) OR CAD 109 TS(B5)
HG7	HG7	FIG.59 TS(B0) OR CAD 109 TS(B0)
HGO	HGO	
GPA	GPA	FIG.59 TS(C3) OR CAD 109 TS(C7)
G7	G7	FIG.59 TS(B2) OR CAD 109 TS(B4)
GO	GO	
FVD	FVD	FIG.59 TS(B3) OR CAD 109 TS(B7)
FU7	FU7	FIG.59 TS(B0) OR CAD 109 TS(B0)
FUO	FUO	
FTCK	FTCK	FIG.59 TS(C2) OR CAD 109 TS(C4)
FTC	FTC	FIG.59 TS(TO) OR CAD 7 TS(TOR)
FT3	FT3	FIG. 59 TS(B0) OR CAD 109 TS(B1)
FTO	FTO	
FCK	FCK	FIG.59 TS(C0) OR CAD 109 TS(C0)

TO REMOTE OFFICE TEST LINE CKT

11	11	FIG.59 TS(B3) OR CAD 109 TS(B7)
2W	2W	CAD 109 TS(D0)
2DT	2DT	FIG.59 TS(B1) OR CAD 109 TS(B3)
X11	X11	FIG.59 TS(B3) OR CAD 109 TS(B7)
VG10	VG10	FIG.59 TS(B0) OR CAD 109 TS(B1)
VG7	VG7	FIG.59 TS(B0) OR CAD 109 TS(B0)
VGO	VGO	
VF4	VF4	FIG.59 TS(B0) OR CAD 109 TS(B1)
VFO	VFO	
TTC1	TTC1	CAD 7 TS(T3L)
TTC	TTC	CAD 7 TS(TOR)
TSE2	TSE2	FIG.59 TS(TO) OR CAD 7 TS(TOR)
TSE1	TSE1	
TR2	TR2	FIG.59 TS(C1) OR CAD 109 TS(C3)
TRL2	TRL2	FIG.59 TS(C2) OR CAD 109 TS(C5)
TRL1	TRL1	FIG.59 TS(TO) OR CAD 7 TS(TOR)
TRL	TRL	FIG.59 TS(C1) OR CAD 109 TS(C2)
TRK	TRK	FIG.59 TS(C1) OR CAD 109 TS(C3)
TM	TM	FIG.51 OR CAD 1
TI	TI	FIG.51 OR CAD 111 TS(E)
TDCT	TDCT	FIG.59 TS(TO) OR CAD 7 TS(TOR)
TB	TB	
SCK	SCK	FIG.59 TS(B3) OR CAD 109 TS(B7)
SB	SB	FIG.59 TS(TO) OR CAD 7 TS(TOR)
RP	RP	FIG.59 TS(B3) OR CAD 109 TS(B7)
ROG	ROG	FIG.59 TS(TO) OR CAD 7 TS(T1R)
RCT	RCT	CAD 7 TS(TOR)
RBT1	RBT1	FIG.59 TS(C2) OR CAD 109 TS(C5)
RBT	RBT	FIG.59 TS(TO) OR CAD 7 TS(TOR)
PK	PK	FIG.59 TS(B2) OR CAD 109 TS(B5)
OR	OR	FIG.59 TS(C3) OR CAD 109 TS(C6)
NOB	NOB	FIG.59 TS(C3) OR CAD 109 TS(C7)
MT57	MT57	FIG.97 TS(G0) OR FIG.59 TS(B5) OR CAD 7 TS(T3)

TO REMOTE OFFICE TEST CONTROL CKT

FG2	FG2	TO CAD III
TST	TST	FIG.54 TS(D) OR CAD 3 TS(C)
FG1	FG1	FIG.59 TS(B0) OR CAD 109 TS(C)
FGO	FGO	
TF7	TF7	FIG.59 TS(B0) OR CAD 109 TS(C)
TFO	TFO	

TO REMOTE OFFICE TEST LINE CKT

RA	RA	FIG.59 TS(C1) OR CAD 7 TS(C2L)
DNGD	DNGD	CAD 34 TS(DIL) OR CAD 39 TS(DIR)
DNGC	DNGC	
GPB	GPB	FIG.59 TS(C3) OR CAD 7 TS(C7R)
OSC	OSC	FIG.59 TS(TO) OR CAD 7 TS(T1R)
MT7K	MT7K	FIG.59 TS(A2) OR CAD 7 TS(A5L)
RCT10	RCT10	FIG.59 TS(C3) OR CAD 7 TS(C4R)
AMKS	AMKS	CAD 174
TS	TS	
RTP	RTP	
ROTL	ROTL	FIG.60 TS(MISC) OR CAD 111 TS(E)

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-GII5

BELL TELEPHONE LABORATORIES INCORPORATED 6S

CAD 175B

TO REMOTE OFFICE TEST LINE REGISTER CKT

F7	F7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
FO	FO	
E7	E7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
EO	EO	
DISI	DISI	FIG. 59 TS(C2)OR CAD 109 TS(C5)
DIS	DIS	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
DCT	DCT	FIG. 59 TS(C2)OR CAD 109 TS(C4)
D7	D7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
DO	DO	
CU7	CU7	FIG. 59 TS(C1)OR CAD 109 TS(C2)
CUO	CUO	
CTA7	CTA7	CAD 7 TS(T3L)
CTA4	CTA4	
CTA2	CTA2	FIG. 59 TS(T1)OR CAD 7 TS(T2L)
CTAO	CTAO	
CSG2	CSG2	FIG. 59 TS(T1) OR CAD 12 TS (T6L)
CSG1	CSG1	
CRU7	CRU7	FIG. 59 TS(B1)OR CAD 109 TS(B3)
CRUO	CRUO	
CKG1	CKG1	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
CIB	CIB	FIG. 51 TS(MISC)OR CAD I
CGB	CGB	FIG. 59 TS(C2)OR CAD 109 TS(C4)
CGA	CGA	
C7	C7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
CO	CO	
BT	BT	FIG. 59 TS(B3)OR CAD 109 TS(B6)
B7	B7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
BO	BO	
AL	AL	FIG. 59 TS(C2)OR CAD 109 TS(C4)
ATKT	ATKT	FIG. 60 TS(MISC)OR CAD III TS(E)
AMA	AMA	FIG. 59 TS(B1)OR CAD 109 TS(B2)
A7	A7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
AO	AO	
TAN4	TAN4	FIG. 59 TS(B1)OR CAD 109 TS(B2)
TAN1	TAN1	
CSW	CSW	TO FIG. 59 TS(C2) OR CAD 109 TS (B9)
CL5	CL5	TO FIG. 59 TS (B1) OR CAD 109 TS (B2)
CL3	CL3	

TO REMOTE OFFICE TEST LINE REGISTER CKT

MT12	MT12	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
MT10K	MT10K	FIG. 59 TS(TO)OR CAD 7 TS(TIR)
MT9K	MT9K	FIG. 59 TS(TI)OR CAD 7 TS(T3L)
MT8K	MT8K	
MT5	MT5	
4W	4W	CAD 39 TS(DOR)
MT2K	MT2K	FIG. 59 TS(TO)OR CAD 7 TS(TIR)
MT1K	MT1K	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
MRL	MRL	FIG. 59 TS(C2)OR CAD 109 TS(C4)
MOI	MOI	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
MKT-	MKT-	FIG. 53 OR CAD 3
LT3	LT3	FIG. 59 TS(B1)OR CAD 109 TS(B2)
LT2	LT2	FIG. 59 TS(B3)OR CAD 109 TS(B6)
LT1	LT1	
LT	LT	FIG. 59 TS(B3)OR CAD 109 TS(B7)
LK3	LK3	FIG. 59 TS(TO)OR CAD 7 TS(TIR)
LK2	LK2	FIG. 59 TS(TO) OR CAD 7 TS (TOR)
LHMT	LHMT	FIG. 59 TS(TI)OR CAD 7 TS(T2L)
LHM	LHM	
H7	H7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
HG7	HG7	FIG. 59 TS(BO)OR CAD 109 TS(BO)
HGO	HGO	
GPA	GPA	FIG. 59 TS(C3)OR CAD 109 TS(C7)
G7	G7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
GO	GO	
FVD	FVD	FIG. 59 TS(B3)OR CAD 109 TS(B7)
FU7	FU7	FIG. 59 TS(BO)OR CAD 109 TS(BO)
FUO	FUO	
FTCK	FTCK	FIG. 59 TS(C2)OR CAD 109 TS(C4)
FTC	FTC	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
FT3	FT3	FIG. 59 TS(BO)OR CAD 109 TS(B1)
FTO	FTO	
FCK	FCK	FIG. 59 TS(CO)OR CAD 109 TS(CO)
TAN	TAN	FIG. 59 TS(B1)OR CAD 109 TS(B3)
TBUA	TBUA	CAD 35 TS(EIR)
HMS1	HMS1	FIG 59 TS (BO) OR CAD 7 TS(B1)
OTT	OTT	FIG 59 TS(CO) OR CAD 7 TS(C1L)
RVI	RVI	FIG 59 TS (A2) OR CAD 7 TS (A5L)

TO REMOTE OFFICE TEST LINE REGISTER CKT

MAK1	MAK1	FIG. 59 TS(C1)OR CAD 7 TS(C2R)
2W	2W	CAD 109 TS(DO
2DT	2DT	FIG. 59 TS(B1)OR CAD 109 TS(B3)
X11	X11	FIG. 59 TS(B3)OR CAD 109 TS(B7)
VG10	VG10	FIG. 59 TS(BO)OR CAD 109 TS(B1)
VG7	VG7	FIG. 59 TS(BO)OR CAD 109 TS(BO)
VGO	VGO	
VF4	VF4	FIG. 59 TS(BO)OR CAD 109 TS(B1)
VFO	VFO	
OV	OV	FIG. 59 TS(C1)OR CAD 7 TS(C2R)
TTC	TTC	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
TSE2	TSE2	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
TSE1	TSE1	
TR2	TR2	FIG. 59 TS(C1)OR CAD 109 TS(C3)
TRL2	TRL2	FIG. 59 TS(C2)OR CAD 109 TS(C5)
TRL1	TRL1	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
TRL	TRL	FIG. 59 TS(C1) OR CAD 109 TS(C2)
TRK	TRK	FIG. 59 TS(C1) OR CAD 109 TS(C3)
TM	TM	FIG. 51 OR CAD I
TI	TI	FIG. 51 OR CAD III TS(E)
TDCT	TDCT	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
TB	TB	
SCK	SCK	FIG. 59 TS(B3)OR CAD 109 TS(B7)
SB	SB	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
RP	RP	FIG. 59 TS(B3)OR CAD 109 TS(B7)
ROG	ROG	FIG. 59 TS(TO)OR CAD 7 TS(TIR)
RCT	RCT	CAD 7 TS(TOR)
RBT1	RBT1	FIG. 59 TS(C2)OR CAD 109 TS(C5)
RBT	RBT	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
PK	PK	FIG. 59 TS(B2)OR CAD 109 TS(B5)
OR	OR	FIG. 59 TS(C3)OR CAD 109 TS(C6)
NOB	NOB	FIG. 59 TS(C3)OR CAD 109 TS(C7)
MT57	MT57	FIG. 97 TS(GO)OR FIG. 59 TS(B5)OR CAD 7 TS(T3)
TT	TT	FIG. 59 TS(B3)OR CAD 7 TS(B7R)
CUT7	CUT7	TO FIG.59 TS (T1) OR CAD 7 TS(T3)
CUTO	CUTO	
CTT7	CTT7	
CTTO	CTTO	

TO REMOTE OFFICE TEST LINE REGISTER CKT

TST	TST	FIG. 54 TS(D)OR CAD 3 TS(C)
FG1	FG1	FIG. 59 TS(BO)OR CAD 109 TS(C)
FGO	FGO	
TF7	TF7	
TFO	TFO	
RA	RA	FIG. 59 TS(C1)OR CAD 7 TS(C2L)
DNGD	DNGD	CAD 34 TS(D1L)OR CAD 39 TS(D1R)
DNGC	DNGC	
GPB	GPB	FIG. 59 TS(TO)OR CAD 7 TS(C7R)
OSC	OSC	FIG. 59 TS(TO)OR CAD 7 TS(A5L)
MT7K	MT7K	FIG. 59 TS(A2)OR CAD 7 TS(A5L)
AMKS	AMKS	CAD 174
TS	TS	
RTP	RTP	
ROTL	ROTL	FIG. 60 TS(MISC) OR CAD III TS(E)
TBU9	TBU9	FIG. 59 TS(A4)OR CAD 35 TS (E1R)
TBUO	TBUO	
TBT9	TBT9	FIG. 59 TS(A4)OR CAD 35 TS(E1R)
TBTO	TBTO	
J7	J7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
JO	JO	
K7	K7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
KO	KO	
L7	L7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
THT1	THT1	FIG. 59 TS(B3)OR CAD 109 TS(B6)
THTO	THTO	
TCA	TCA	FIG. 59 TS(B3)OR CAD 109 TS(B6)
TCB	TCB	FIG. 59 TS(B3)OR CAD 109 TS(B6)
HT7	HT7	FIG. 59 TS(B3)OR CAD 109 TS(B7)
HTO	HTO	
TP	TP	
FAC	FAC	FIG. 59 TS(B1)OR CAD 109 TS(B2)
PCR	PCR	FIG. 59 TS(B1)OR CAD 109 TS(B3)
PCD	PCD	FIG. 59 TS(B1)OR CAD 109 TS(B3)
DLTK	DLTK	TO FIG. 59 TS(T1)OR CAD 35 TS(E0R)
DATK	DATK	TO CAD 35 TS(EOR)

TO REMOTE OFFICE TEST LINE REGISTER CKT

PCD1	PCD1	FIG. 59 TS(B1)OR CAD 109 TS(B3)
TOL	TOL	FIG. 59 TS(B1)OR CAD 109 TS(B6)
INC	INC	FIG. 59 TS(B1)OR CAD 109
OA	OA	FIG. 59 TS(B3)OR CAD 109 TS(B7)
OB	OB	FIG. 59 TS(B3)OR CAD 109 TS(B7)
THT2	THT2	FIG. 97 TS(GO)OR FIG. 59 TS(B5)OR CAD 7 TS(T2L)
THT3	THT3	
TT7	TT7	FIG. 59 TS(B3)OR CAD 109 TS(B7)
TTO	TTO	
UT7	UT7	
UTO	UTO	
RS1	RS1	FIG. 59 TS(C2)OR CAD 109 TS(C4)
RSO	RSO	
RSK	RSK	
RCTIO	RCTIO	
TMK	TMK	FIG. 59 TS(C2)OR CAD 109 TS(C4)
TMK1	TMK1	
TP'	TP'	FIG. 59 TS(CO)OR CAD 109 TS(C1)
SBT	SBT	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
ALT	ALT	
TBT	TBT	
RC	RC	FIG. 59 TS(TO)OR CAD 7 TS(TO)
F	F	FIG. 59 TS(TO)OR CAD 7 TS(TOR)
CKR1	CKR1	CAD 35 TS(E1R)
CKR	CKR	FIG. 59 TS(A4)OR CAD 35 TS(E1R)
TBTA	TBTA	CAD 35 TS(E1R)
BY	BY	FIG. 59 TS(C3)OR CAD 7 TS(C2R)
ECN	ECN	FIG. 59 TS(C3)OR CAD 7 TS(B6R)
FG2	FG2	FIG. 59 TS(B5)OR CAD 7.TS(B8R)
H4	H4	FIG. 59 TS(B2)OR CAD 109 TS(B5)
HO	HO	
SRT1	SRT1	FIG. 59 TS(TO)OR CAD 7 TS(T1R)
S9	S9	
SO	SO	
NDT	NDT	TO FIG. 59 TS (CO) OR CAD 109 TS (C1)

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-G116

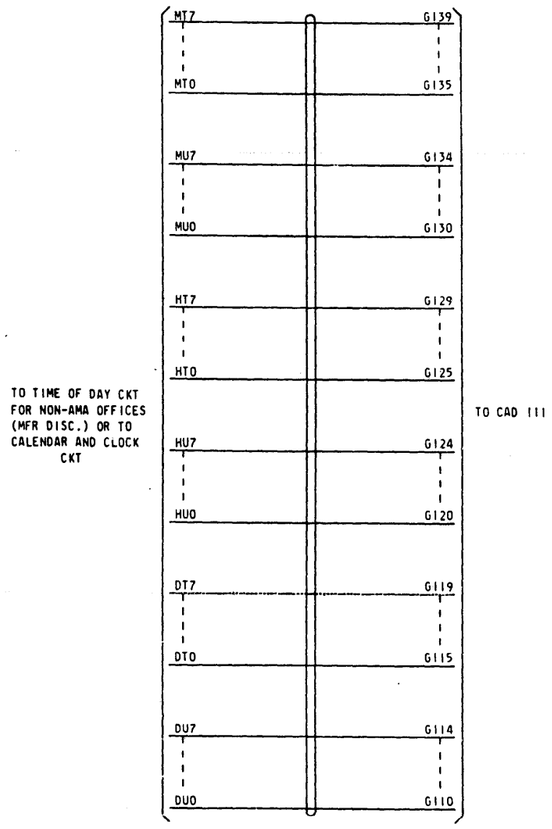
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DWG SIZE 6S

SD-25805-01-G116

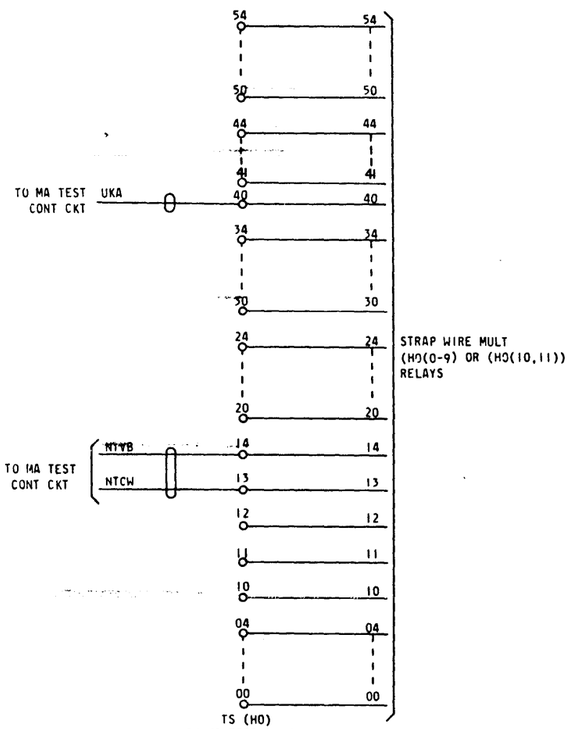
CAD 176

SWBD CA FROM MTFC CXT TO TIME OF DAY CKT FOR NON-AMA OFFICES (MFR DISC.) OR TO CALENDAR AND CLOCK CKT



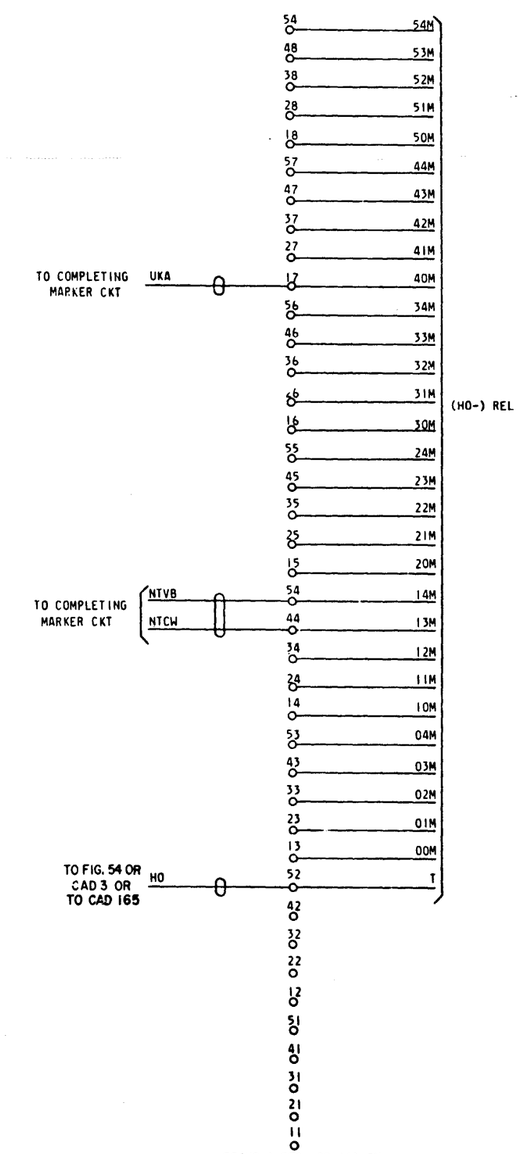
CAD 177

(FOR APP FIG. 198)
1 PER CONNECTOR



CAD 178

(FOR APP FIG. 198)
1 PER COMPLETING MARKER



ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT

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PART OF CAD 179

SWBD CA FROM MTC TO ACD
TEST CONN FR

TO ACD TEST CONN CKT

XVGB XJC XJG XLR XLV XLS XTRK XBT XTRL XSS — TO FIG. 59 TS (A3) OR CAD 7 TS(A6L)

GLH GT2 FCG JC4 JCO — TO FIG. 59 TS (A0) OR CAD 7 TS(A6L)

HTKI FTKI FML — TO FIG. 59 TS (A0) OR CAD 7 TS(A1L)

TS4 TSO — TO FIG.59 TS (A1) OR CAD 7 TS(A2L)

TS9 TS5 — TO FIG. 59 TS (A1) OR CAD 7 TS(A3L)

TS14 TS10 — TO FIG. 59 TS (A1) OR CAD 7 TS(A2L)

TS19 TS15 LFK TBK CH9 CH5 — TO FIG 59 TS (A1) OR CAD 7 TS(A3L)

CH4 CHO SQA P4 PO — TO FIG. 59 TS (A1) OR CAD 7 TS(A2L)

SQ1 — TO FIG.59 TS (A5) OR CAD 7 TS (CLR) OR CAD 109 TS (V13)

TO ACD TEST CONN CKT

XHG XJS JXPA TA FS4 FSO — TO FIG. 59 TS (A3) OR CAD 7 TS(A7L); TO FIG. 59 TS (A4) OR CAD 7 TS(A9L); TO FIG. 59 TS (A5) OR CAD 7 TS(A11L); TO FIG. 59 TS (B0) OR CAD 7 TS(B0L)

HMSI FBK FAK — TO FIG. 59 TS (B0) OR CAD 7 TS (B1L)

CK5 CKI CL5 CLI — TO FIG. 59 TS (B1) OR CAD 7 TS(B2L)

CKG JG4 JGO — TO FIG. 59 TS (A1) OR CAD 7 TS(A3L); TO FIG. 59 TS (A0) OR CAD 7 TS(A0L)

P9 P5 PNR PA JCK — TO FIG. 59 TS (A1) OR CAD 7 TS(A3L)

DCTI TK XLH TB4 TBO TG4 TGO — TO FIG. 59 TS (A2) OR CAD 7 TS(A4L)

JXPI VTKI TB5 FM RCY CK TCK — TO FIG. 59 TS (A2) OR CAD 7 TS(A5L)

ON — TO FIG. 51, TS (MISC) OR CAD 101, TS (A)

TO ACD TEST CONN CKT

STR BT SNR FCK DTK VGT4 VGTO HGT4 HGTO HGK STPI — TO FIG. 59 TS (C0) OR CAD 7 TS(C0R)

OTT LCK VFT4 VFTO HGT9 HGT5 STP2 TCHK CON — TO FIG. 59 TS (C0) OR CAD 7 TS(C1R)

RA TRL TRS CS14 CS10 CS4 CS0 — TO FIG. 59 TS (C1) OR CAD 7 TS (C2R)

XCL XTS XCH XTSI XTGI XSL XLC XLG — TO FIG. 59 TS (A3) OR CAD 7 TS(A7L)

AL — TO FIG.59 TS (C2) OR CAD 7 TS (C4R)

TO ACD TEST CONN CKT

SNK LC9 LCO RT3 RTO — TO FIG. 60 OR CAD 111

RTE2 RTEO RTE4 — TO FIG. 59 TS (C0) OR CAD 109

RMI — TO FIG. 69 OR CAD 13

CS19 CS15 CS9 CS5 — TO FIG. 59 TS (C1) OR CAD 7 TS(C3R)

HTR — TO FIG. 59 TS (A0) OR (C1) OR CAD 7 TS (C3R)

EXB EXG — TO FIG. 59 TS (C1) OR CAD 7 TS(C3R)

OBS1 OBS2 WT SDT LDT TP4 TPO FTCK DCT — TO FIG. 59 TS (C2) OR CAD 7 TS(C4R)

MRL — TO FIG. 59 TS (C2) OR CAD 7 TS(C5R)

TSE TM DIS1 — TO FIG. 59 TS (C3) OR CAD 7 TS(C6R)

RR AVG — TO FIG. 59 TS (C3) OR CAD 7 TS(C7R)

TIR STRA TRSI TRST — TO CAD 51

TO ACD TST CONN CKT

MLF ACDO IFK TC1 TG5 MXT SL MAK1 2TR TTG1 TTGO LV9 LV2 XTC1 XVGA RK LXP1 LXPA FUT7 FUTO ITR XTC TI CN9 CNO RA4 RAO FR2 FRO DR5 DRO LK

- MLF — TO FIG. 59 TS(C1) OR CAD 111
- ACDO — TO FIG. 60 OR CAD 111
- IFK — TO FIG.59 TS(A1) OR CAD 109 TS(V11)
- TC1 — TO FIG. 59 TS(C1) OR CAD 111
- TG5 — TO FIG.59 TS(A2) OR CAD 7 TS(A5L)
- MXT — TO FIG. 60 OR CAD 7 TS(A7L)
- SL — TO FIG.60 OR CAD 111
- MAK1 — TO FIG.59 TS(C1) OR CAD 7 TS(C2R)
- 2TR — TO FIG.60 OR CAD 7 TS(C3R)
- TTG1 — TO FIG.59 TS(C3) OR CAD 179,TS(A-E0) OR CAD 111, TS(C-WB)
- TTGO — TO FIG.59,TS(C3) OR CAD 179,TS(A) OR CAD 111,TS (E-E)
- LV9 / LV2 — TO FIG. 60 OR CAD 111
- XTC1 / XVGA — TO FIG. 59 TS(A3) OR CAD 111
- RK — TO FIG.59 TS(A2) OR CAD 7 TS(A5L)
- LXP1 — TO FIG.59 TS(A2) OR CAD 7 TS(A4L)
- LXPA — TO FIG.59 TS(A0) OR CAD 7 TS(A0L)
- FUT7 / FUTO — TO FIG. 59 TS (C0) OR CAD 7 TS(C0R) OR CAD111
- ITR — TO FIG.60 OR CAD 7
- XTC — TO FIG. 59 TS (A3) OR CAD 111
- TI — TO FIG. 51 OR CAD 111
- CN9 / CNO / RA4 / RAO / FR2 / FRO / DR5 / DRO — TO FIG. 60 OR CAD 111
- LK — TO FIG. 59 TS (A2) OR CAD 7 TS(A5L)

ISSUE 90B

MASTER TEST FRAME CONNECTOR CKT

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SIZE 6S

(2) SD-25805-01-G118

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PART OF CAD 179

SWBD CA FROM MTC TO ACD TEST CONN FR

RK3	RK3	TO FIG. 59,TS(A1) OR TO CAD 7, TS (A2L)
RK1	RK1	
PS	PS	TO FIG. 59, TS(B2) OR TO CAD 7, TS(B5R)
PRR	PRR	TO FIG. 59, TS(C0) OR TO CAD 7, TS(C1R)
PK	PK	TO FIG. 59, TS(B2) OR TO CAD 7, TS(B5R)
LLCK	LLCK	TO FIG. 60 OR TO CAD 111, TS(E)
LL7	LL7	TO FIG. 59, TS(A1) OR TO CAD 7, TS(A2L)
LLO	LLO	
ITR	ITR	TO FIG. 59, TS(A4) OR TO CAD 7, TS(A8L)
HG'7	HG'7	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)
HG'0	HG'0	
GTL	GTL	TO FIG. 59, TS(A1) OR TO CAD 7, TS(A3L)
FU'7	FU'7	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)
FU'0	FU'0	
DRT	DRT	TO FIG. 59, TS(A1) OR TO CAD 7, TS(A2L)
DRC	DRC	TO FIG. 60 OR CAD 111, TS(E),OR TO CAD 7,TS(C6R)
CU7	CU7	TO FIG. 59, TS(C1) OR TO CAD 7, TS(C2R)
CU0	CU0	
CT2	CT2	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)
CT1	CT1	
CT0	CT0	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A1L)
CN-RG3	CN-RG3	TO FIG. 60 OR TO CAD 111, TS(E)
CN-RG0	CN-RG0	
CD7	CD7	TO FIG. 59, TS(B0) OR TO CAD 39, TS(D0R)
CD0	CD0	
A7	A7	TO FIG. 59, TS(B2) OR TO CAD 7, TS(B4R)
A0	A0	

TO TEST CONN CKT FOR ACD

TO TEST CONN CKT FOR ACD

XTB1	XTB1	TO FIG. 59, TS(A3) OR TO CAD 7, TS(A6L)
XRL	XRL	TO FIG. 59, TS(A3) OR TO CAD 7, TS(A7L)
XMRL	XMRL	TO FIG. 59, TS(A3) OR TO CAD 7, TS(A6L) OR TO CAD 109, TS(B1)
XLO	XLO	
XI	XI	TO FIG. 59, TS(A3) OR TO CAD 7, TS(A7L)
XCS	XCS	TO FIG. 59, TS(A3) OR TO CAD 7, TS(A6L)
VGT11	VGT11	TO FIG. 59, TS(C0) OR TO CAD 7, TS(C0R)
VGT10	VGT10	
VGT9	VGT9	TO FIG. 59, TS(C0) OR TO CAD 7, TS(C1R)
VGT5	VGT5	
VG'10	VG'10	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A1L)
VG'7	VG'7	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)
VG'0	VG'0	
VF'4	VF'4	TO FIG. 59, TS(A0) OR TO CAD 7, TS(A1L)
VF'0	VF'0	
TG19	TG19	TO FIG. 59, TS(A2) OR TO CAD 7, TS(A5L)
TG15	TG15	
TG14	TG14	TO FIG. 59, TS(A2) OR TO CAD 7, TS(A4L)
TG10	TG10	
TG9	TG9	TO FIG. 59, TS(A2) OR TO CAD 7, TS(A5L)
TG5	TG5	
TB7	TB7	TO FIG. 60 OR TO CAD 39, TS(D0R)
TB6	TB6	
SDG	SDG	TO FIG. 59, TS(B3) OR TO CAD 111, TS(E)
SCB	SCB	TO FIG. 59, TS(C2) OR TO CAD 7, TS(C5R)
RL	RL	TO FIG. 59, TS(A2) OR TO CAD 7, TS(A5L)
TSQ7	TSQ7	TO FIG. 59,TS(C3) OR TO CAD 111
TSQ4	TSQ4	
TSQ2	TSQ2	
TSQ1	TSQ1	
TSQ0	TSQ0	
ANC	ANC	TO FIG. 59,TS (B2), OR TO CAD 111
TSA	TSA	TO FIG. 59,TS (B1) OR TO CAD 111

TO TEST CONN CKT FOR ACD

CAD 180

(FOR APP FIG. 163,164)
MARKERS 8-11, TABLE 1B SEE
CAD 36 & 38 FOR CONTACT SIDE

TO CAD 39

54	54	STRAP WIRE MULT (D1,8-11) RELAYS
00	00	TS (D1) ON EXT UNIT
54	54	STRAP WIRE MULT (D0,8-11) RELAYS
00	00	TS (D0) ON EXT UNIT

TO CAD 35

54	54	STRAP WIRE MULT (E1,8-11) RELAYS
00	00	TS (E1) ON EXT UNIT
54	54	STRAP WIRE MULT (E0,8-11) RELAYS
00	00	TS (E0) ON EXT UNIT

CAD 181

SWBD CA FROM THE MTC TO THE ROTL TRUNK MAKE-BUSY CKT

TO ROTL TRUNK MAKE-BUSY CKT

TB9	TB9	TO FIG. 59, TS(C2) OR TO CAD 35, TS(D0R)
TB8	TB8	
TB7	TB7	TO FIG. 59, TS(A3) OR TO CAD 35, TS(D0R)
TB6	TB6	
TB5	TB5	TO FIG. 59, TS(A2) OR TO CAD 109, TS(A5)
TB4	TB4	TO FIG. 59, TS(A2) OR TO CAD 109, TS(A4)
TB0	TB0	
TSK	TSK	TO FIG. 59, TS(T0) OR TO CAD 7, TS(T1R)

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT	(2)	SD-25805-01-6119
BELL TELEPHONE LABORATORIES INCORPORATED	SECTION 6S	

CAD 182

SWBD CA FROM THE MTC TO THE TRUNK TEST CKT

TO MASTER TEST FRAME TRUNK TEST CKT

TS19	TS19	TS (A3L)
TS15	TS15	
TS14	TS14	TS (A2L)
TS10	TS10	
TS9	TS9	TS (A3L)
TS5	TS5	
TS4	TS4	TS (A2L)
TS0	TS0	
FS29	FS29	TS (B8R)
FS20	FS20	
FS19	FS19	TS (B1L)
FS15	FS15	
FS14	FS14	TS (B0L)
FS10	FS10	
FS9	FS9	TS (B1L)
FS5	FS5	
FS4	FS4	TS (B0L)
FS0	FS0	

TO CAD 7

(NT) CAD 183

SWBD CA FROM MAMTC TO MAMA MASTER TIMER

TO MASTER TIMING CKT FOR MAMA

TST	E315
TRST	E308
TRL	E328
TRB	E307
STR	A01
RTST	E329
RTRS	E317
RL2	E319
RL1	E316
RL	E312
OOL	E321
MU7	G134
MU0	G130
MTTR	E311
MTFT	E318
MT7	G139
MT0	G135
MET	E314
ME	E310
HU7	G124
HU0	G120
HT7	G129
HT0	G125
HDK	E313
EOL	E324
DU7	G114
DU0	G110
DT7	G119
DT0	G115
DCT	E325
CI	E309
3ANT	E326
3AM	E300

TO CAD 192

(NT,LO) CAD 184

SWBD CA FROM MAMTC TO TRUNK CONTROL CIRCUITS

TO ODD NO. TRUNK CONT CKT FOR MAMA

U7	44
U0	40
T7	34
T0	30
AR7	24
AR0	20
AL7	14
AL0	10
OT0	04

TO CAD 23 (RTO) REL

TO EVEN NO. TRUNK CONT CKT FOR MAMA

U7	44
U0	40
T7	34
T0	30
AR7	24
AR0	20
AL7	14
AL0	10
OT0	04

TO CAD 23 (RTE) REL

TO TRUNK CONT CKT FOR MAMA

TRST	TRST
TRCC	TRCC
TRCB	TRCB
TRCA	TRCA
TRB	TRB
RCCK	RCCK
RC	RC

TO CAD 14 OR TO CAD 26

TCN19	TCN19
TCN0	TCN0
TCI	TCI
ONL	ONL

TO CAD 192

TO EVEN NO. TRUNK CONT CKT FOR MAMA

XRLI	54
XRTL	53
XTOK	52
XRB	51
XOST	50
XTL	41
XTC	44
XTI	00
XUI	42
XTP	03
TV	12
TTKL	21
TRL	20
TNR	24
TM	30
SP	13
RD	23
MRST	14
MRRL	22
IPA	01
DTK	02
DS	33
BA	04
ARS	11
ALS	10

TO CAD 23 (RTEA) REL

TO ODD NO. TRUNK CONT CKT FOR MAMA

XRLI	54
XRTL	53
XTOK	52
XRB	51
XOST	50
XTL	41
XTC	44
XTI	00
XUI	42
XTP	03
TV	12
TTKL	21
TRL	20
TNR	24
TM	30
SP	13
RD	23
MRST	14
MRRL	22
IPA	01
DTK	02
DS	33
BA	04
ARS	11
ALS	10

TO CAD 23 (RTOA) REL

ISSUE 84A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G120

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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SD-25805-01-G120

(LT,LO) CAD 185

SWBD CA FROM MAMTC
TO TRANSVERTER CKT FOR MAMA

RUN FOR CAMA ONLY

TO TRANSVERTER CKT FOR MAMA OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

54 54M (W1)
00 00M
54 54M (W0)
00 00M
54 54M (V15)
00 00M
54 54M
41 41M (V4)
40 40M
00 00M
54 54M
50 50M (V3)
44 44M
00 00M
54 54M
42 42M
41 41M
40 40M
34 34M
33 33M (V2)
32 32M
31 31M
30 30M
12 12M
11 11M
10 10M
04 04M
00 00M
54 54M
20 20M
14 14M (V1)
13 13M
10 10M
04 04M
00 00M

TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT

50(TR)

TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT

41(RLA)
33(TRA)
31(MC)

TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT

11(RL)

TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

04
00

TO CAD 54

TO TRANSVERTER CKT FOR MAMA OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

54 54M
54 50M
50 44M
44 40M
40 34M
34 30M (V0)
30 24M
24 20M
24 14M
20 10M
14 04M
10 00M
04
00
54 54M (V9)
00 00M

TO CAD 54

TO CAD 56

TO TRANSVERTER CKT FOR MAMA

TC1 231 6T (BC) REL
RNA
RNA
RNA 230 A230 TO CAD 13
VN TO CAD 136
TO TRANSVERTER CKT
TS (AA) ON AMTC
RUN ONLY IN OFFICC WITH AMA PAPER TAPE RCDR

54 54M (V8)
00 00M
54 54M
20 20M (V7)
14 14M
00 00M
54 54M (V6)
00 00M
54 54M (V5)
00 00M

TO CAD 56

TO TRANSVERTER CKT FOR MAMA OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

TO TRANSVERTER CKT FOR MAMA

TRST
TVTA TVTA
TVT3 TVT3
TVT TVT
TVB TVB
TVA TVA
TRST TRST TO CAD 15
TRB TRB
TM
RCKK RCKK
RCI RCI
MB MB
CI CI
TVB
TVA
TO CAD 201

TO TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT

TM

TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-GI2IA

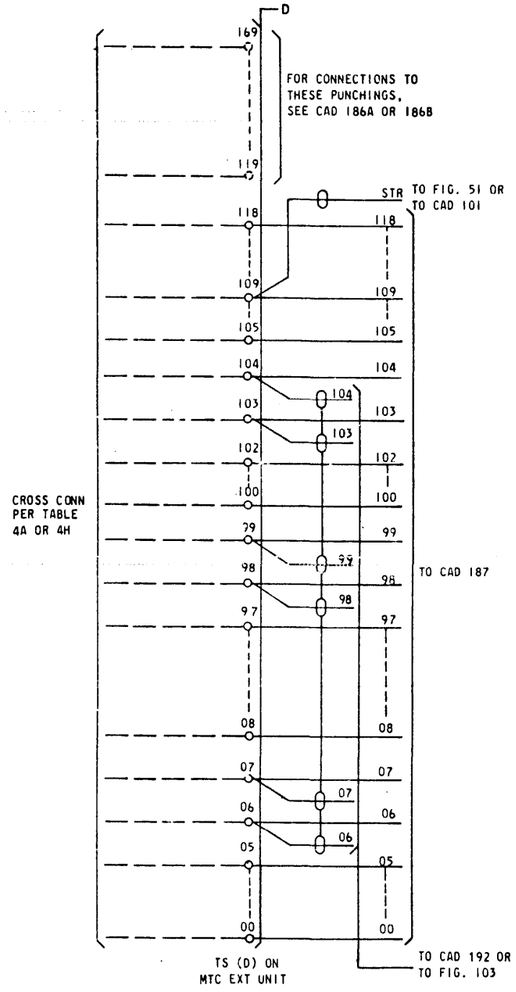
BELL TELEPHONE LABORATORIES INCORPORATED

6S

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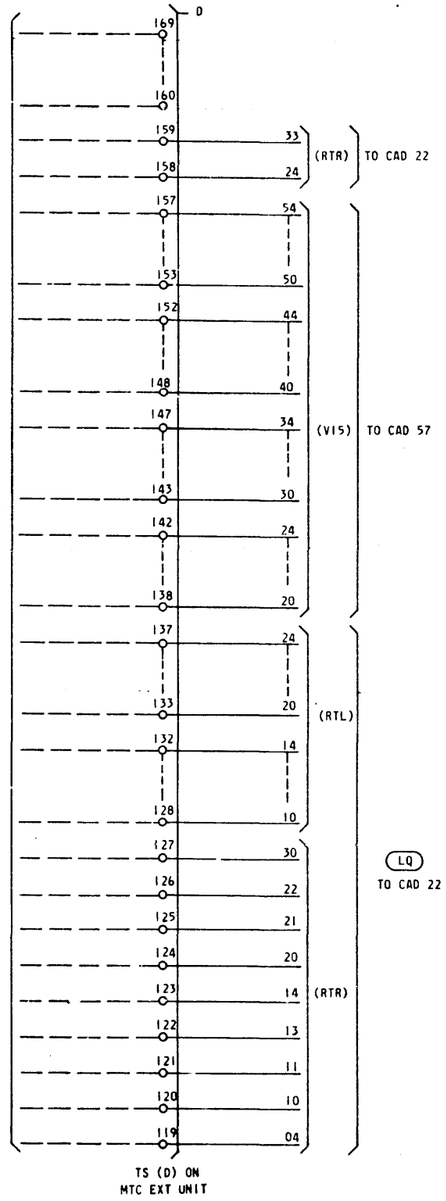
CAD 186

SWBD CABLE FROM MTC EXTENSION UNIT TO THE RECORDER & RECORDER CONTROL CKT FOR MAGNETIC TAPE AMA RECORDING



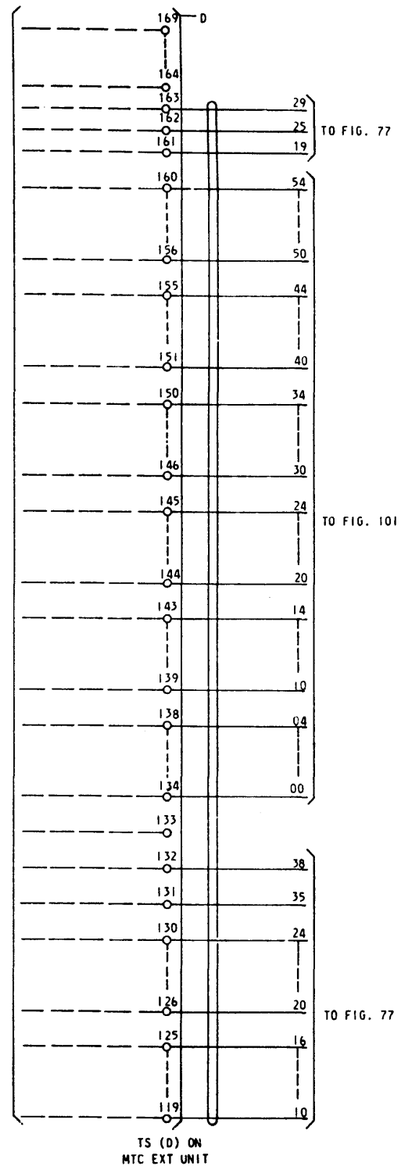
CAD 186A

REQUIRED WHEN MASTER TEST CONNECTOR IS ARRANGED PER TABLE 1A OR 1E



CAD 186B

REQUIRED WHEN MASTER TEST CONNECTOR IS ARRANGED PER TABLE 1B OR 1F



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 80A CB

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-6121B

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-6121B

(NT) CAD 187

SWBD CA FROM MTC EXT UNIT
TO RECORDER AND RECORDER
CONT CKT

TO RECORDER AND RECORDER CONT CKT

CKR5	12
CKR7	58
CKR4	59
CKR2	60
CKR1	61
CKR0	62
CKL5	13
CKL7	01
CKL4	02
CKL2	03
CKL1	04
CKL0	05
CISC	06
CIS	07
CH2	25
CH1	26
CH0	27
BR7	32
BR4	31
BR2	30
BR1	29
BR0	28
BL7	18
BL0	14
BAR	19
ACTB	118
ACTA	00

TO CAD 186

TO RECORDER AND RECORDER CONT CKT

GU	75
EX2	76
EX1	77
ETMO	78
ETM	79
ERTO	80
ECR	81
ECT	82
DR7	87
DR4	88
DR2	89
DR1	90
DR0	91
DL7	33
DL4	34
DL2	35
DL1	36
DL0	37
DCKF	38
DCC	39
DC	40
CTBL	41
CRT	42
CR7	51
CR0	47
CPTO	52
CL7	57
CL0	53

TO CAD 186

TO RECORDER AND RECORDER CONT CKT

RL2	64
RL1	65
RD4	83
RD3	84
RD2	85
RD1	86
RC4	43
RC3	44
RC2	45
RC1	46
RB4	08
RB3	09
RB2	10
RB1	11
RA5	20
RA4	21
RA3	22
RA2	23
RA1	24
PSR	66
PKB	67
PKA	68
ON	69
MTRB	70
MTRA	71
LCPT	72
HDB	73
HDA	74

TO CAD 186

TO RECORDER AND RECORDER CONT CKT

WTL	92
WSM	93
WSF	94
WCK	95
TSTI	96
TST	97
TRSTI	98
TRST	99
TRSB	100
TRSA	101
TRE	102
TRB1	103
TRB	104
TRA2	105
TRA	106
SWI	107
SW	108
STR	109
SP	110
SM	111
SD	112
SC	113
SB	114
SA	115
RS2	116
RS1	117
RLK	63

TO CAD 186

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-6122

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-6122

CAD 188

FOR MAGNETIC TAPE AMA RECORDING
(FOR PAPER TAPE AMA SEE CAD 120)

159 A

60

TS (AA) ON MAMTC

CAD 189

SWBD CABLE FROM MAMTC TO MASTER TEST CONTROL FRAME

TO MA TST CONT CKT

FBL	24	(RTR) TO CAD 22
OS	33	
TR	50	(V3)
TRA	33	
TIK	24	
RK	40	
RLA	41	(V2) TO CAD 55
MDA	34	
MC	31	
DIST	32	
CKG-GC	10	

TO MA TST CONT CKT (SEE NOTE 224)

TVT(9)	TVT(9)	
TVT(2)	TVT(2)	
TVTI	TVTI	TO CAD 15
TVTO	TVTO	

TRBI(TV9)	TRBI(9)	
TRBI(TVO)	TRBI(0)	
TRBI(TCI9)	TRBI(19)	TO CAD 14
TRBI(TCO)	TRBI(0)	
TRBI(EMG)	TRBI(EMG)	

TO MA TST FR JK, LP & KEY CKT

169 A
168
167
166
165
164

A11		TO CAD 192
A10		
TRBI(MT)	4T	(MMT) REL
TRB(SC)	1T	(SC) REL
TRBI(BC)	9T	(BC) REL

TO LINE VERIF CKT VIA MA TST CONT CKT

TVS(1)	163	A163	TO CAD 13
LTP	162	A162	

TO MA TST CONT CKT

TVS(1)	161	A161	TO CAD 13
TTP	160	A160	

TS (AA)ON AUX MTC

TO MA TST CONT CKT

TSL	41	(V8)
DNK	43	
TOP	54	
LST	20	
L50	23	(V7)
4DG	22	
4D8	21	
TH9	14	
TH5	10	
TH4	04	
THO	00	(V6)
OFT	33	
OFF5	30	
OFF4	24	
OFFO	20	
OF	53	
U9	14	
U5	10	
U4	04	
U0	00	
T9	34	
T5	30	(V5)
T4	24	
T0	20	
HN9	54	
HN5	50	
HN4	44	
HN0	40	

TO CAD 57

TO MA TST CONT CKT (SEE NOTE 224)

SA	44	
OFT2	42	
OFT1	41	
OFTO	40	
OFF9	34	
OFF8	33	
OFF7	32	
OFF6	31	
ODT/RNTO	20	(V9)
NSP	43	
CDT7	54	
CDT4	53	
CDT2	52	
CDT1	51	
CDTO	50	
AD/RNT1	21	

TO MA TST CONT CKT

R3C	24	
R2C	23	
R1C	22	
R3B	30	
R2B	24	(V3)
R1B	23	
R3A	44	
R2A	43	(V1)
R1A	42	
CTMB	32	(W1)

TO CAD 57

TO CAD 55

PROVIDE IN OFFICES NOT USING 2/5 PUNCH DESIGN SYSTEM

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 80A

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-6123

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-6123

(VN) CAD 190 (A&M ONLY)

SWBD CABLE FROM SAMTC TO MTC
(ONE PER SAMTC)
FOR MAGNETIC TAPE AMA RECORDING ONLY

TO MASTER TEST FR CONTROL CKT

SA	44		
OFT2	42		
OFT1	41		
OFT0	40		
OFF9	34		
OFF8	33		
OFF7	32		
OFF6	31		
ODT/RNT0	20	(V9)	TO CAD 57
NSP	43		
CDT7	54		
CDT4	53		
CDT2	52		
CDT1	51		
CDT0	50		
AD/RNT1	21		
TRBI(TC19)	TRBI(TC19)		TO CAD 26
TRBI(TC11)	TRBI(TC11)		
TVT(9)	TVT(9)		TO CAD 27
TVT(6)	TVT(6)		
TRBI(TV9)	TRBI(TV9)		
TRBI(TV6)	TRBI(TV6)		

CAD 191

SWBD CABLE FROM SAMTC (YN) (A&M ONLY)
TO TV FR (ONE PER MAMA TV)

TO MAMA TV CKT OR DAS CKT VIA TV CONN CKT

(V1)	54 20 14 13 10 04 00	14 04 00	(V1)
(V0)	54 50 44 40 34 30 24 20 14 10 04 00	54 50 44 40 34 30 24 20 14 10 04 00	(V0)

TO CAD 54

TO DAS CKT VIA TV CONN CKT

TO CAD 136 RNA (VN)

TO TV CKT(1) RNA

239 238 237 236 235 234 233 232 231 230 — A

TO MAMA TV CKT — TRST — TS (SA) ON SAMTC

TVTA	TVTA	
TVT3	TVT3	
TVT	TVT	
TVB	TVB	
TVA	TVA	
TRST	TRST	
TRB	TRB	TO CAD 27
TM	TM	
RCCK	RCCK	
RC1	RC1	
MB	MB	
C1	C1	

TO MAMA TV CKT OR PROGRAM CONTROLLED TV CKT

TO MAMA TV CKT OR PROGRAM CONTROLLED TV CKT VIA TV CONN CKT

TO MAMA TV CKT OR PROGRAM CONTROLLED TV CKT

TO CAD 201 TVB TVA

(V9)	54 00	54 00	(V9)
(V8)	54 40 24 14 03 00	54 40 24 14 03 00	(V8)
(V7)	54 20 14 14M 10 04 00	54 20 14 14M 10 04 00	(V7)
(V6)	54 00	54 00	(V6)
(V5)	54 00	54 00	(V5)
(W1)	54 00	54 00	(W1)
(W0)	54 00	54 00	(W0)
(V15)	54 00	54 00	(V15)
(V4)	54 40 34 20 14 00	54 40 34 20 14 00	(V4)
(V3)	54 50 44 00	54 50 44 00	(V3)
(V2)	54 42 41 40 34 33 32 31 30 12 11 10 04 00	54 42 41 40 34 33 32 31 30 12 11 10 04 00	(V2)

TO CAD 56

TO CAD 54

TO MAMA TV CKT OR PROGRAM CONTROLLED TV CKT VIA TV CONN CKT — 50(TR) 11(RL)

TO MAMA TV CKT OR PROGRAM CONTROLLED TV CKT — 41(RLA) 33(TRA) 31(MC)

RUN FOR CAMA ONLY

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 94A

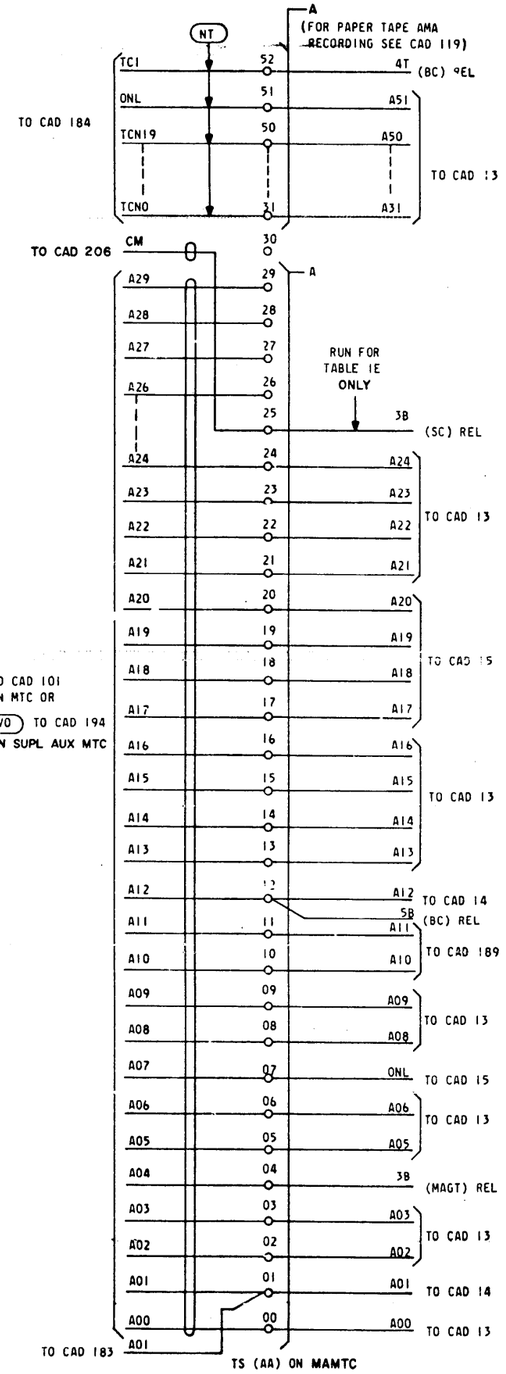
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G124
BELL TELEPHONE LABORATORIES INCORPORATED	DWG SIZE 6S

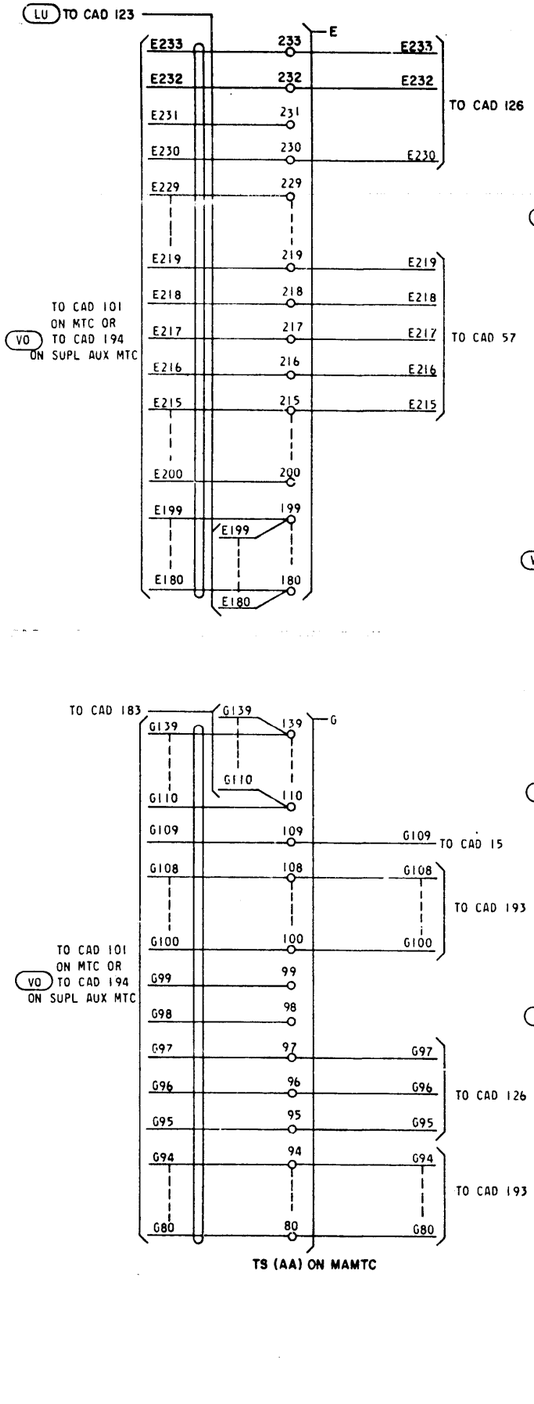
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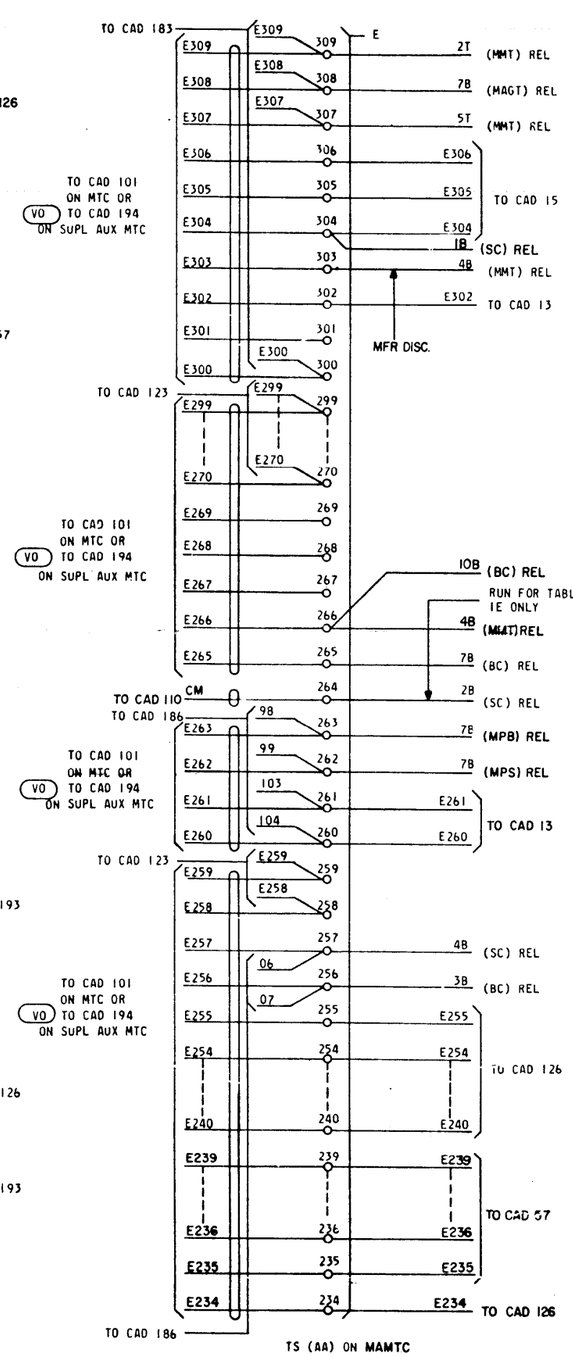
E-7481 (10-71)

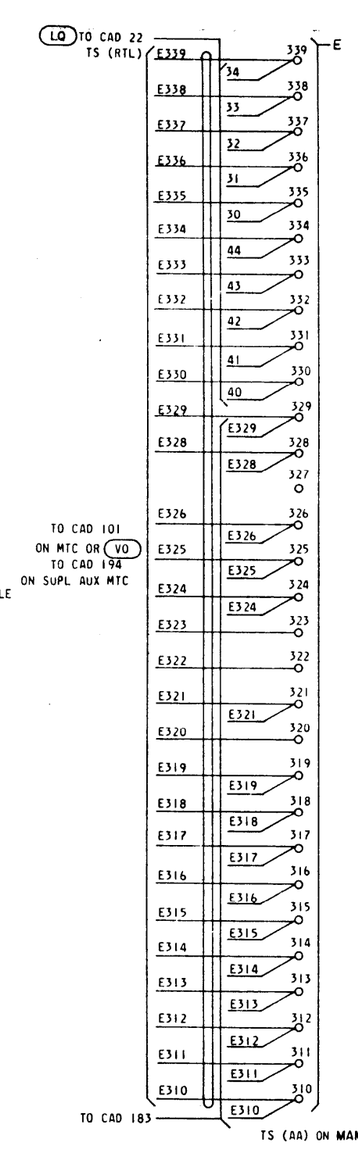
PART OF CAD 192

SWBD CA FROM MAMTC FR TO MASTER TEST CONNECTOR FR
OR TO SUPPLEMENTARY AUXILIARY MASTER TEST CONNECTOR FR (VO)









NOTES:

1. FOR LEGEND ON EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

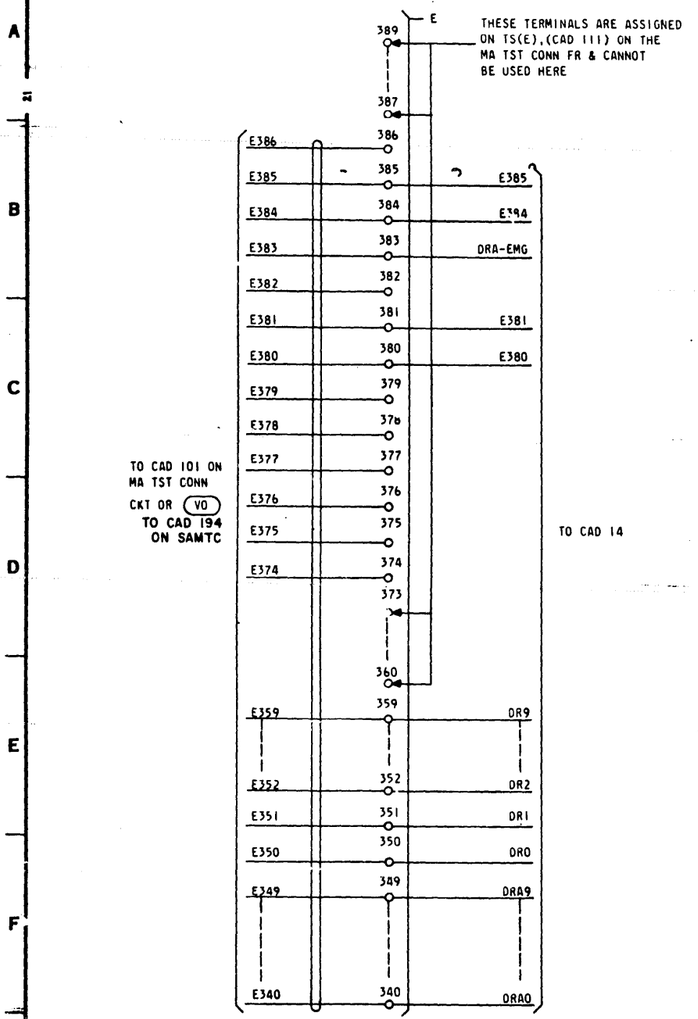
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-0125

BELL TELEPHONE LABORATORIES INCORPORATED 6S

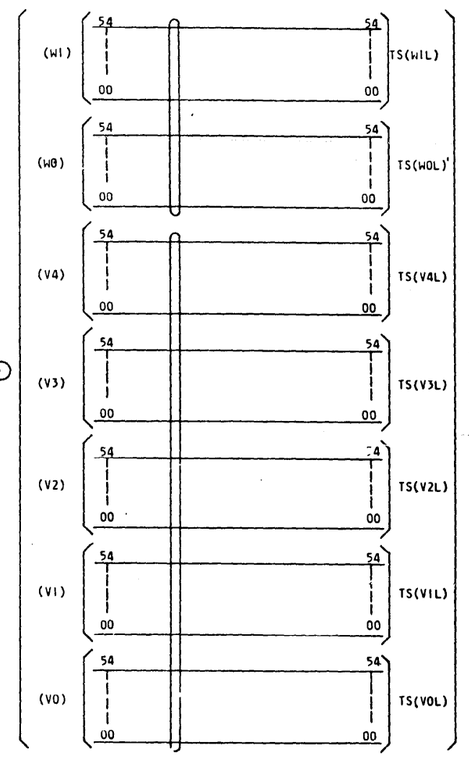
PRINTED IN U.S.A.

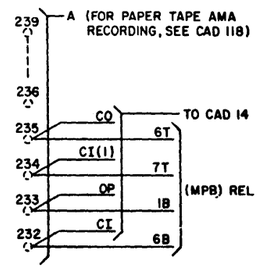
PART OF CAD 192

SWBD CABLE FROM MAMTC TO MASTER TEST CONNECTOR FRAME OR OR SAMTC (V0)

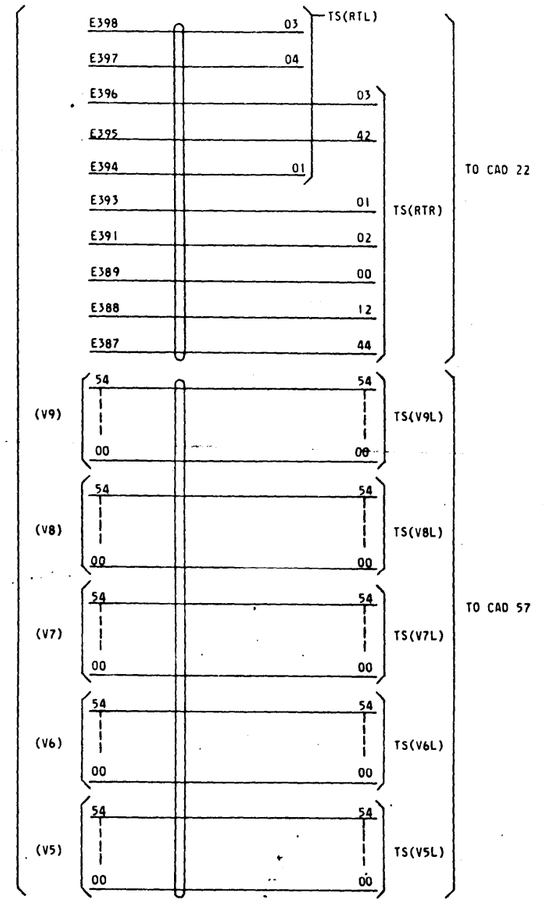


TS (AA) ON AUX MA TST CONN CKT





TS (AA) ON MAMTC



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-0126

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 6S

SD-25805-01-0126

CAD 193

SWBD CABLE FROM MAMTC FR OR SAMTC

(VN) (A&M ONLY) TO TV CONNECTOR FR

VF4	13	(V8)	TO CAD 56
VF3	12		
VF2	11		
VF1	10		
VF0	04		
SW7	34		
SW4	33		
SW2	32		
SW1	31		
SW0	30		
CD7	54	(V9)	
CD4	53		
CD2	52		
CD1	51		
CD0	50		
SG	SG		TO CAD 15 ON MAMTC OR TO CAD 27 ON SAMTC
FRG	FRG		(VN) (A&M ONLY)
CNG	CNG		

TO TRANSVERTER CONN CKT

199 A
193
197
196
195
194
193 G108
192 G107
CN2
CN0 190 G105
FR4 189 G104
FR1 186 G101 — TO CAD 192 ON MAMTC OR TO CAD 111 ON SAMTC (VN) (A&M ONLY)
FR0 185 G100
S14 184 G94
S5 175 G85
S4 174 G84
S0 170 G80

TS (AA) ON MAMTC OR
TS (SA) ON SAMTC

(V0) CAD 194 (A&M ONLY)

SWBD CABLE FROM SAMTC TO MAMTC

TO CAD 192

(V9)	54 — 00	(V9)	TO CAD 109
(V5)	54 — 00	(V5)	
(V4)	54 — 00	(V4)	
(V0)	54 — 00	(V0)	
(W1)	54 — 00	(W1)	
(W0)	54 — 00	(W0)	
	G139		
	G100		
	G94		
	G80		
TO CAD 192	E399	E399	TO CAD 111
	E374	E374	
	E359	E359	
	E265	E265	
	E263	E263	
	E180	E180	

TO CAD 192

A29	29	TO CAD 129 TS (SA)
A28	28	
A27	27	
A26	26	
A24	24	
A23	23	
A22	22	
A21	21	
A20	20	
A19	19	
A18	18	
A17	17	
A16	16	
A15	15	
A14	14	
A13	13	
A12	12	
A11	11	
A10	10	
A09	09	
A08	08	
A07	07	
A06	06	
A05	05	
A04	04	
A03	03	
A02	02	
A01	01	
A00	00	

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

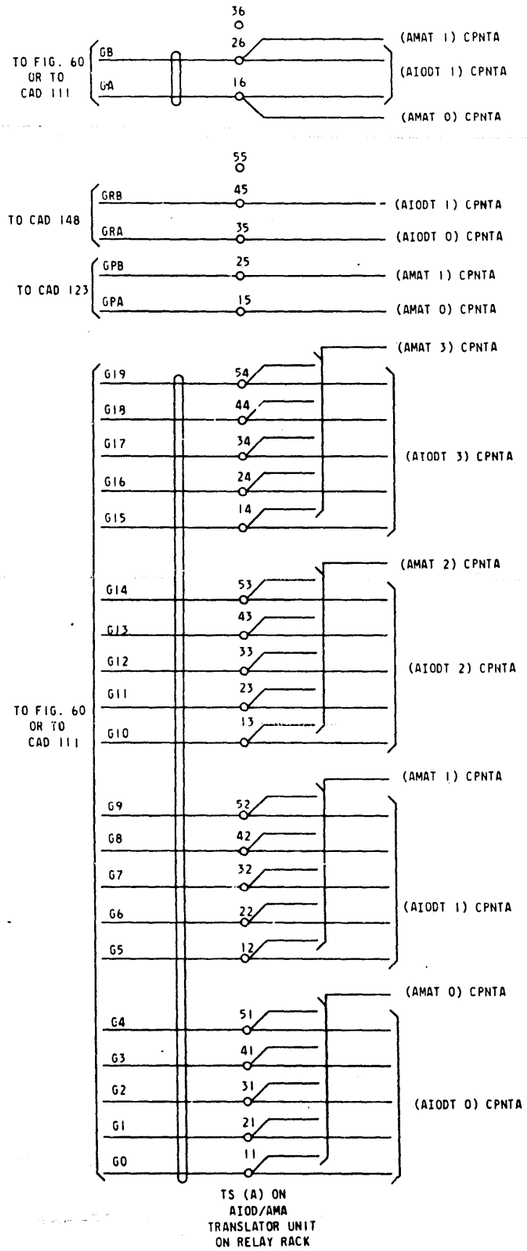
ISSUE 94A

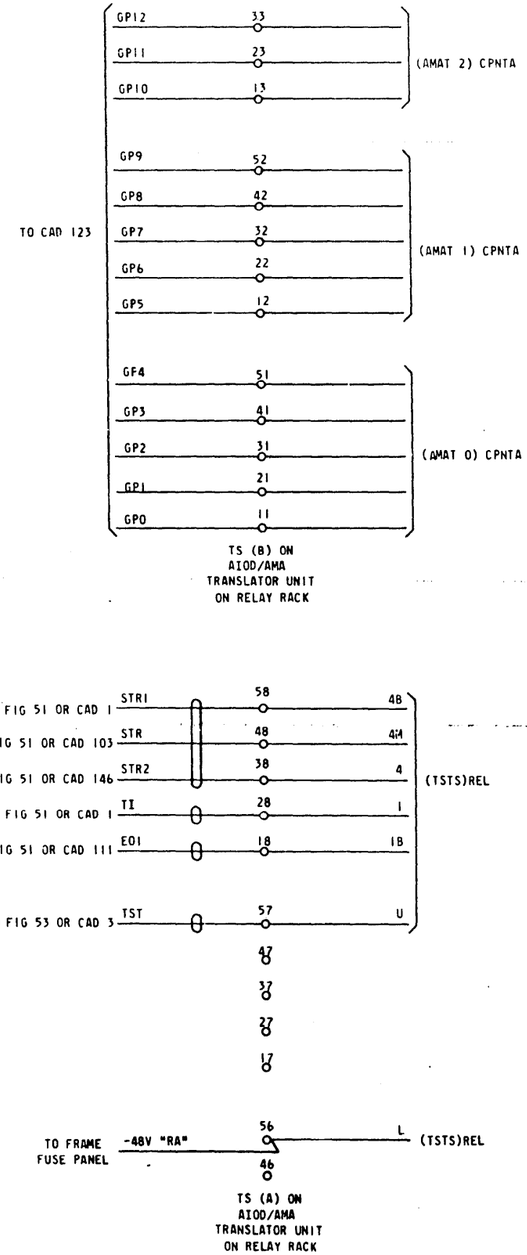
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-0127

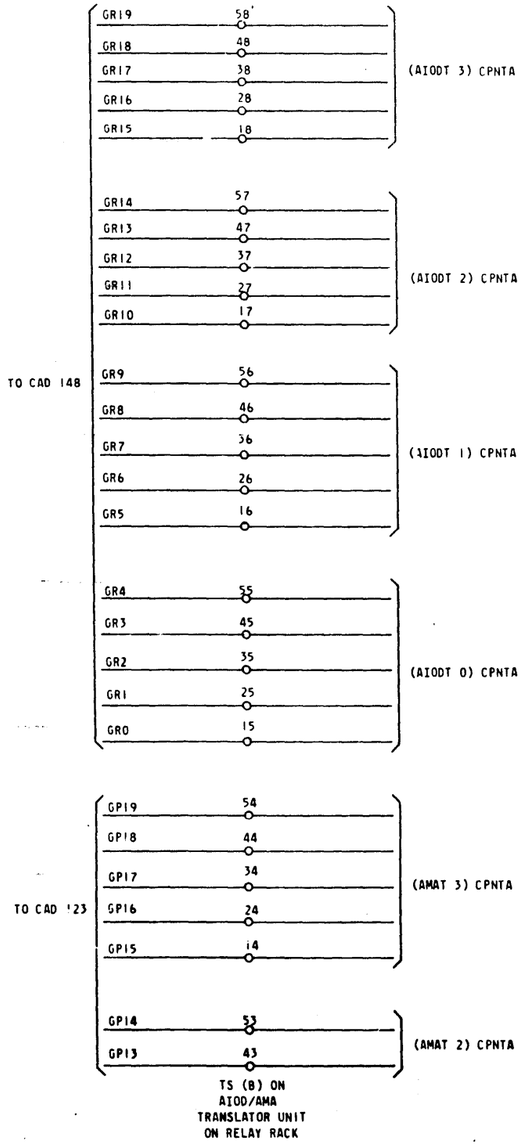
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-0127

CAD 195
(FOR FIG 54 & 64)







ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-6128

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-6128

CAD 197

(SWBD CA FROM MTC TO CLVA OR ETS PDI)

CK	CK	
FLG	FLG	
HTUK	HTUK	TO FIG. 59 OR CAD 7
LFK	LFK	
MCO	MCO	
MCI	MCI	TO FIG. 58 OR CAD 6
RNG	RNG	TO FIG. 59 OR CAD 7
TSO	TSO	
TSI	TSI	TO FIG. 55 OR CAD 3
FTKI	FTKI	
UN9	UN9	TO COMPUTER LINE VERIFICATION ACCESS CKT OR TO ELECTRONIC TRANSLATION SYSTEM POWER AND DATA INTERFACE CKT
UNO	UNO	TO FIG. 59 OR CAD 7
DCK	DCK	
TNK	TNK	
SON	SON	TO CAD 7
RNTO	RNTO	TO FIG. 59 OR FIG. 97 OR CAD 7
TBU9	TBU9	
TBUO	TBUO	TO FIG 59 CAD 7
TBT9	TBT9	
TBTO	TBTO	
TBSJ	TBSJ	
TBSO	TBSO	TO CAD 109
POTS	POTS	
EN	EN	
LIN	LIN	
PN	PN	TO FIG. 59 OR CAD 7
PIN	PIN	TO ELECTRONIC TRANSLATION SYSTEM POWER AND DATA INTERFACE CKT
IN	IN	
PTK	PTK	
BLDA	BLDA	
BLT	BLT	TO CAD 109
KM	KM	
TOG	TOG	
NN	NN	TO FIG. 59 OR CAD 7

FU7	FU7	
FU4	FU4	
FU2	FU2	
FU1	FU1	
FU0	FU0	
FT3	FT3	
FTO	FTO	
F7	F7	
F4	F4	TO CAD 109 OF FIG. 60
F2	F2	
F1	F1	
F0	F0	
E7	E7	
E4	E4	
E2	E2	
E1	E1	
E0	E0	
DNK	DNK	TO CAD 32 OR CAD 109 OR FIG. 60
D7	D7	TO LINE INSULATION TEST CONTROL CKT
D4	D4	
D2	D2	
D1	D1	
DO	DO	TO CAD 109 OR FIG. 60
CKG	CKG	
C7	C7	
C4	C4	
C2	C2	
C1B	C1B	TO CAD 103
C1	C1	
CO	CO	
B7	B7	
B4	B4	
B2	B2	
B1	B1	
BO	BO	
A7	A7	TO CAD 109 OR FIG. 60
A4	A4	
A2	A2	
A1	A1	
AO	AO	
4DG	4DG	
2WT	2WT	TO CAD 109
ITR	ITR	TO CAD 109 OR FIG. 60
SPL	SPL	TO FIG 59 OR CAD 109
H7	H7	TO FIG 60 OR CAD 109

CAD 198

SWBD CA FROM MTC TO LINE INSULATION TEST CONTROL CKT

U9	U9	
UO	UO	TO CAD 109 OR FIG. 60
TVTO,I	TVTO,I	TO CAD 15
TVTI(ATV)	TVTI(ATV)	
TVTO(ATV)	TVTO(ATV)	TO CAD 30
TVS	TVS	TO CAD 51
TSL	TSL	TO CAD 109 OR CAD 60
TS	TS	TO CAD 51
TR	TR	TO CAD 109 OR FIG. 60
TPT	TPT	TO CAD 109 OR CAD 111
TIK	TIK	TO CAD 32 OR CAD 109 OR FIG. 60
TH9	TH9	
THO	THO	
T9	T9	TO CAD 109 OR FIG. 60
TO	TO	
RPI	RPI	TO CAD 32 OR FIG. 60
RNTO	RNTO	TO LINE INSULATION TEST CONTROL CKT
RN7	RN7	
RN4	RN4	
OFT2	OFT2	
OFTO	OFTO	
OFF9	OFF9	TO CAD 109 OR FIG. 60
OFFO	OFFO	
OF	OF	
NSP	NSP	
NOB	NOB	
MC	MC	TO CAD 32 OR CAD 109 OR FIG 76
MB7	MB7	
MB4	MB4	TO CAD 109 OR FIG. 60
IT	IT	TO CAD 51
HN9	HN9	
HN8	HN8	
HNO	HNO	
HG7	HG7	
HG4	HG4	
HG2	HG2	
HG1	HG1	TO CAD 109 OR FIG. 60
HGO	HGO	
G7	G7	
G4	G4	
G2	G2	
G1	G1	
GO	GO	

VG10	VG10	
VG7	VG7	
VG4	VG4	
VG2	VG2	TO CAD 109 OR FIG. 60
VG1	VG1	
VGO	VGO	
VF4	VF4	
VFO	VFO	

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-G130 (2)

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CAD 199

SWBD CABLE FROM MASTER TEST FRAME CONNECTOR CKT TO DISTRIBUTOR AND SCANNER CKT

	TF7	TF7	
	TF4	TF4	
	TF2	TF2	
	TF1	TF1	
TO DISTRIBUTOR AND SCANNER CKT	TF0	TF0	TO FIG. 59 OR CAD 7
	FG2	FG2	
	FG1	FG1	
	FG0	FG0	

CAD 200

SWBD CABLE FROM MASTER TEST FRAME CONNECTOR CKT TO BILLING DATA TRANSMITTER CKT

	CLF	CLF	
	ENC1	ENC1	TO FIG. 60 OR CAD 109
	ENC0	ENC0	
	F7	F7	
	FO	FO	TO FIG. 59 OR CAD 7
	E7	E7	
	EO	EO	
TO BILLING DATA TRANSMITTER CKT	D7	D7	
	DO	DO	
	C7	C7	
	CO	CO	TO FIG. 59 OR CAD 109
	B7	B7	
	BO	BO	
	A2	A2	
	AO	AO	

CAD 201

SWBD CA FROM MASTER TEST FRAME CONNECTOR CKT TO INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION

	AL	AL	
	BT	BT	
	BY	BY	
	CKG	CKG	
	GPB	GPB	
	GPA	GPA	
	OV	OV	
	PRCY	PRCY	TO CAD 7
	RA	RA	
	STP1	STP1	
	STP2	STP2	
	TRL	TRL	
	RCY	RCY	
	EF	EF	
	RF	RF	
	SEF	SEF	
	HF1	HF1	
	HF2	HF2	TO CAD 109
	ON1	ON1	TO CAD 1
	ON2	ON2	TO CAD 102
TO INTERFACE CKT	RCG	RCG	TO CAD 15
	PRB(-)	PRB(-)	TO FIG. 82 OR FIG. 82A
	PRA(-)	PRA(-)	
	TVB(1)	TVB(1)	
	TVA(1)	TVA(1)	
	TVB(0)	TVB(0)	TO CAD 30
	TVA(0)	TVA(0)	
	TVB(-)	TVB(-)	TO CAD 191 OR CAD 185 OR CAD 118
	TVA(-)	TVA(-)	
	MKB(-)	MKB(-)	TO CAD 166
	MKA(-)	MKA(-)	
	MKB(-)	MKB(-)	TO CAD 165
	MKA(-)	MKA(-)	
	MKB(-)	MKB(-)	TO CAD 3
	MKA(-)	MKA(-)	
	MKB2(-)	MKB2(-)	TO CAD 115
	MKA2(-)	MKA2(-)	
	C1	C1	TO CAD 114
	C0	C0	
	MTR2	MTR2	TO CAD 3
	MTR1	MTR1	TO CAD 1
	RLK	RLK	TO CAD 111
	OP	OP7	TO CAD 221
		OP6	TO CAD 10
		OP5	TO FIG. 80
		OP4	TO CAD 5
		OP3	TO CAD 15
		OP2	TO CAD 30
		OP1	

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G131

BELL TELEPHONE LABORATORIES INCORPORATED

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E-7441 (10-71)

CAD 202

W8D CA FROM MASTER TEST FRAME CONNECTOR
TO DAS ETS

TO DAS ETS VIA CTV CONN

J7	24	V1
J0	20	
H7	14	
H0	10	
G7	04	
G0	00	
F7	54	V0
F0	50	
E7	44	
E0	40	
D7	34	
D0	30	
C7	24	
C0	20	
B7	14	
B0	10	
A7	04	
A0	00	
WKC	52	V13
ROPT	51	
VTC	50	
PRLT	53	V12
ACD	42	
DNC	13	V11
FC	12	
LCD2	11	
LCD1	10	
LCD0	04	

TO CAD 16

TO CAD 20

TO DAS ETS VIA CTV CONN

OG7	24	V12
OG0	20	
OF7	14	
OF0	10	
OE7	04	
OE0	00	
LST	54	V11
CP7	53	
CP1	52	
4DG	51	
AD	50	
OA7	34	V10
OA0	30	
OB7	24	
OB0	20	
OC7	14	
OC0	10	
OD7	04	
OD0	00	
TRS	51	V3
OBS	22	
NOB	21	
K7	04	V2
K0	00	
KM	KM	TO CAD 35
KAMA	KAMA	TO FIG. 59, FIG. 97, OR CAD 7
MT12	MT12	TO FIG. 59 OR CAD 7

TO DAS ETS VIA CTV CONN

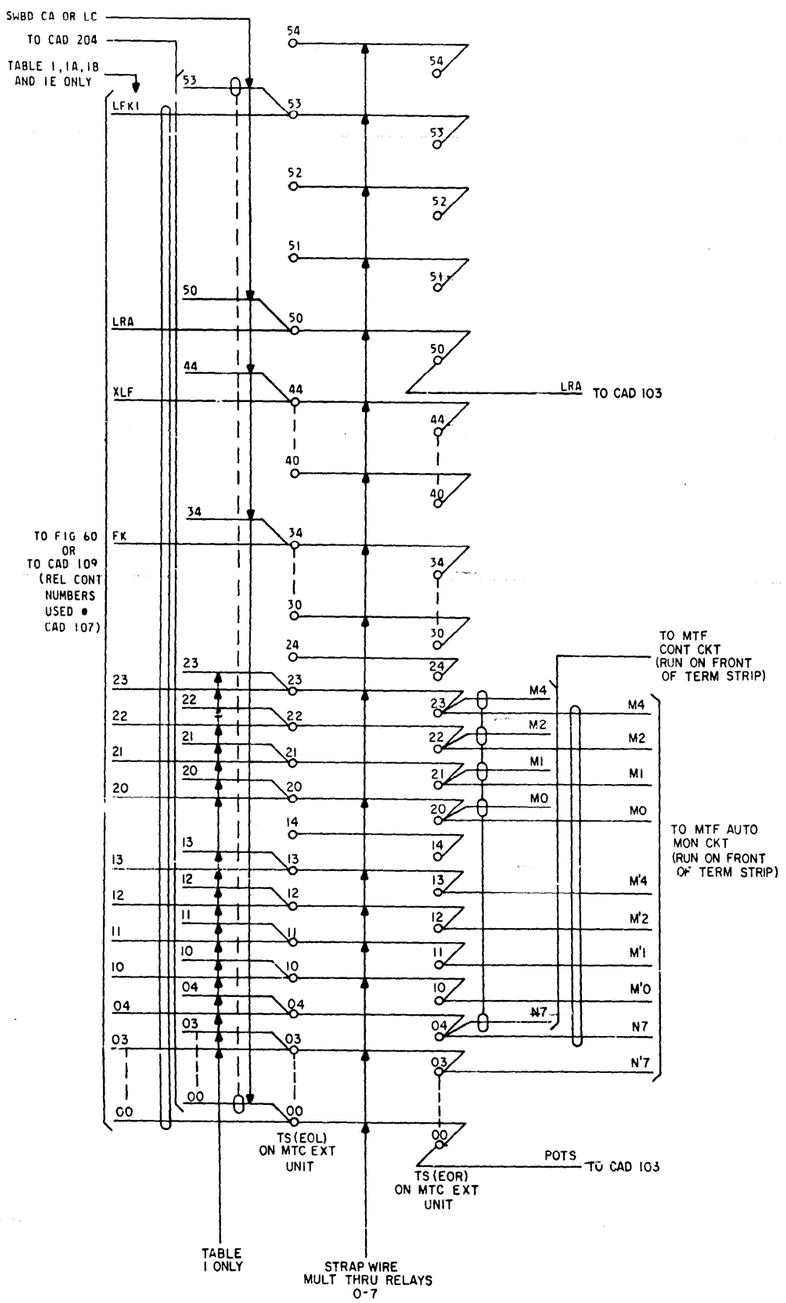
UT7	44	V14
UT0	40	
TT7	34	
TT0	30	
HT7	24	
HT0	20	
THT3	14	
THT0	11	
TI3	32	V13
TI2	31	
TI1	30	
TI0	24	
SK1	11	
SK0	10	
OD	03	
PRLK	52	V12
ORC2	42	
ORC1	41	
ORC0	40	

TO CAD 20

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 91A
BELL LABORATORIES	SD-25805-01-		G132

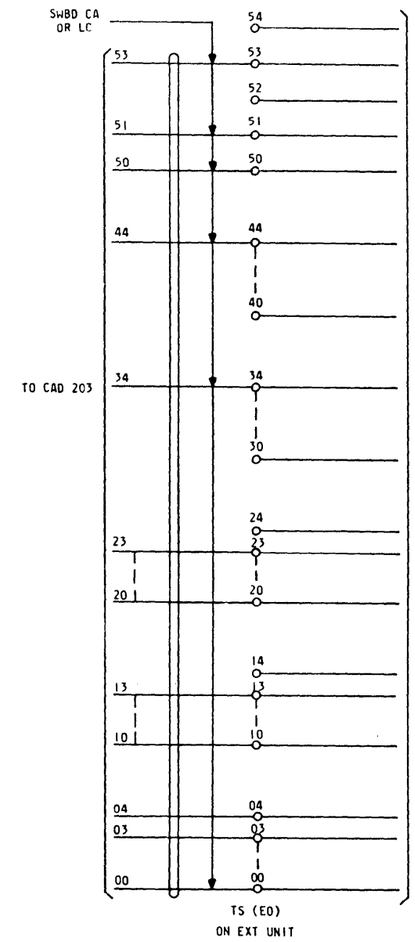
CAD 203

(FOR APP FIG 57)
STRAP WIRE SIDE
MARKERS 0-7



CAD 204

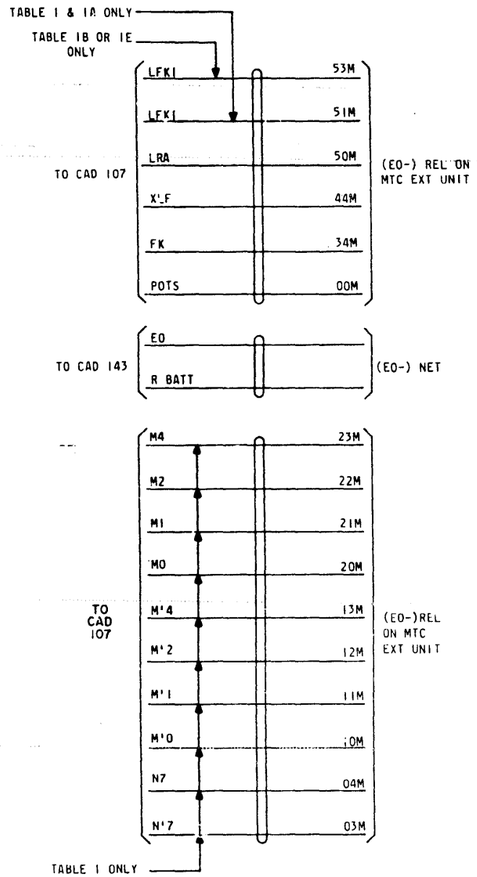
(FOR APP FIG 57)
STRAP WIRE SIDE
MARKERS 8-11



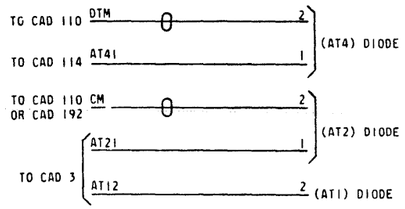
SD-25805-01-G133

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 100B
BELL LABORATORIES	SD-25805-01-		G133

CAD 205
(FOR APP FIG 57)
CONTACT SIDE



CAD 206
(FOR APP FIG I, II OPTION)

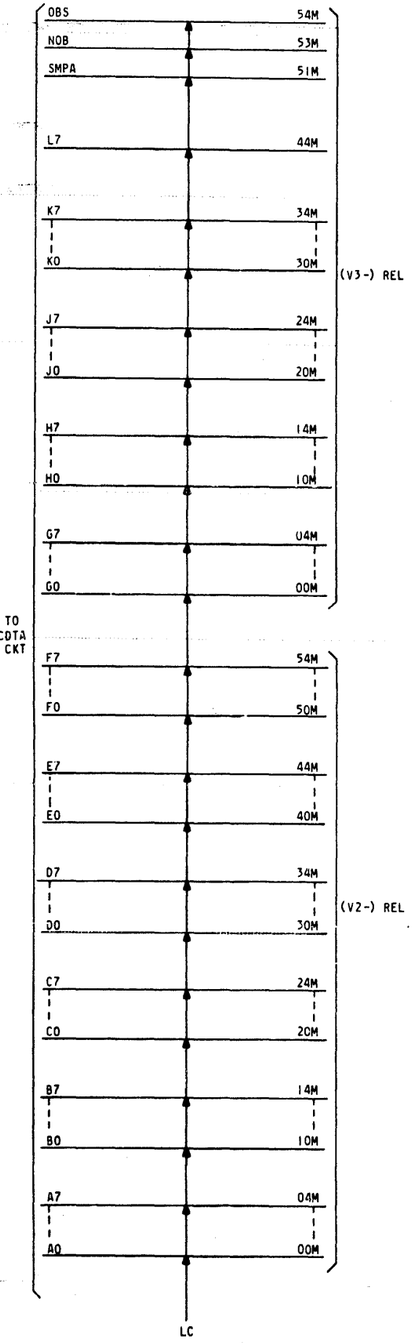


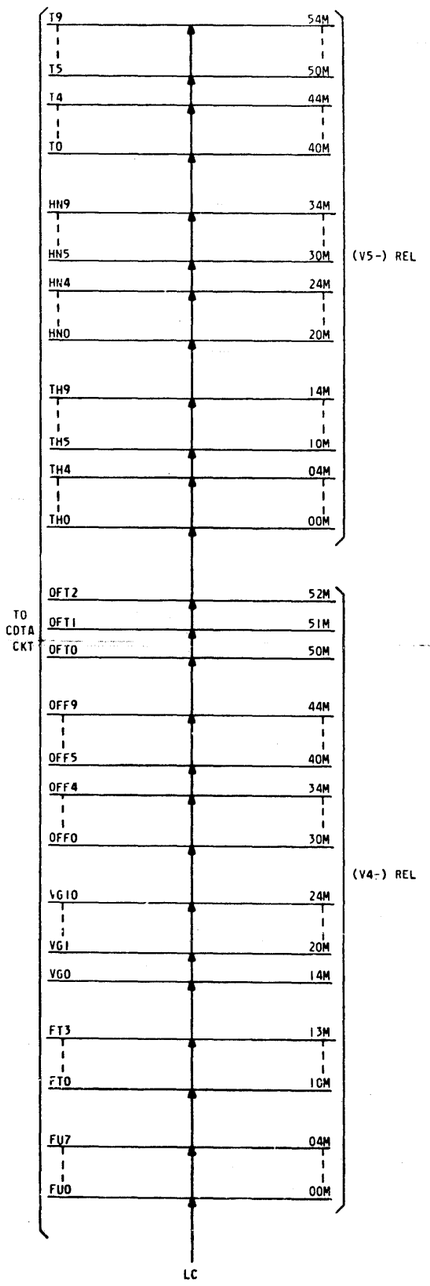
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 1008
BELL LABORATORIES	SD- 25805-01-	G134

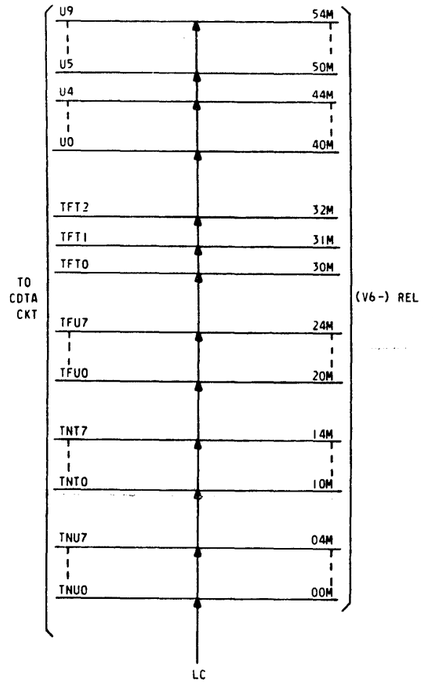
SD-25805-01-G134

PART OF CAD 207

(FOR APP FIG 61)





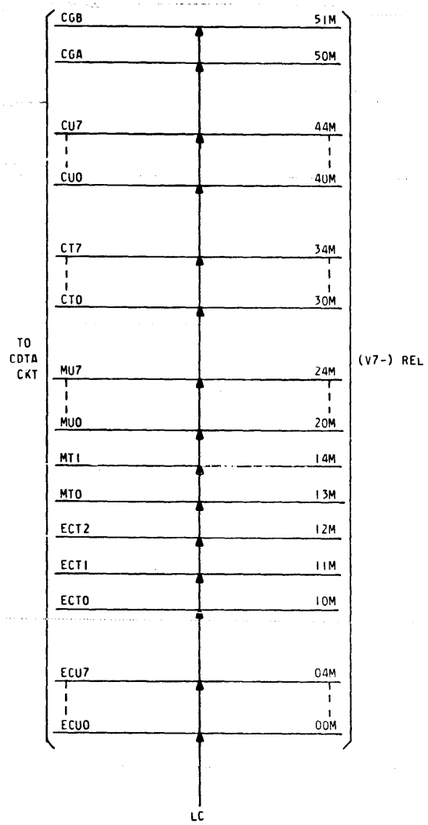


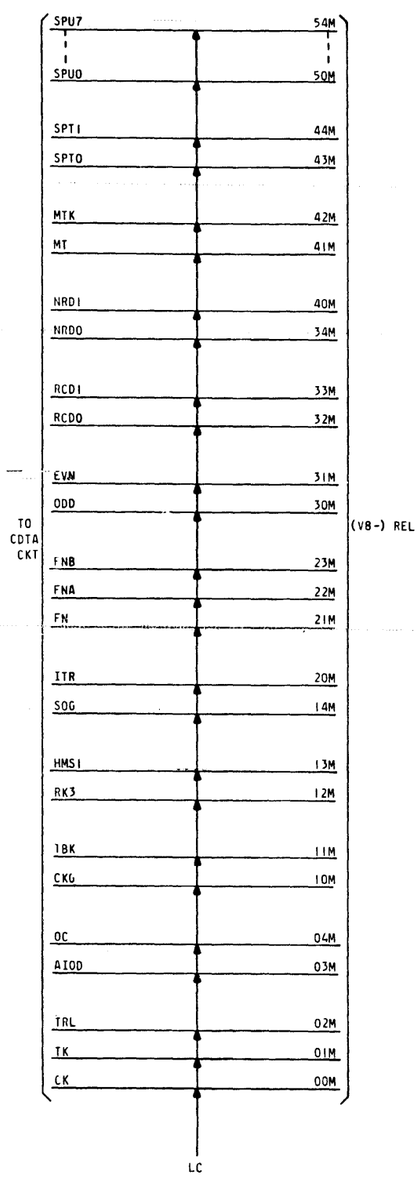
MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G135

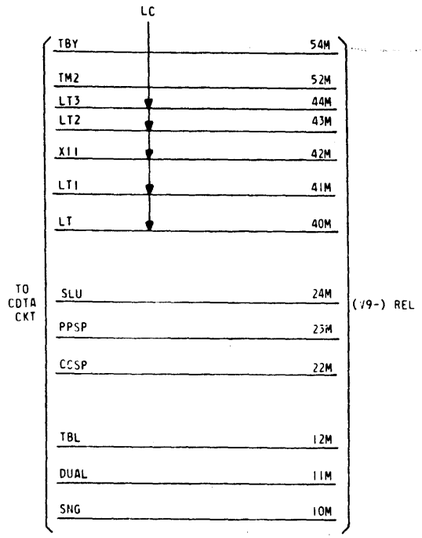
E-7481 (6-70) PRINTED IN U.S.A.

PART OF CAD 207

(FOR APP FIG 61)







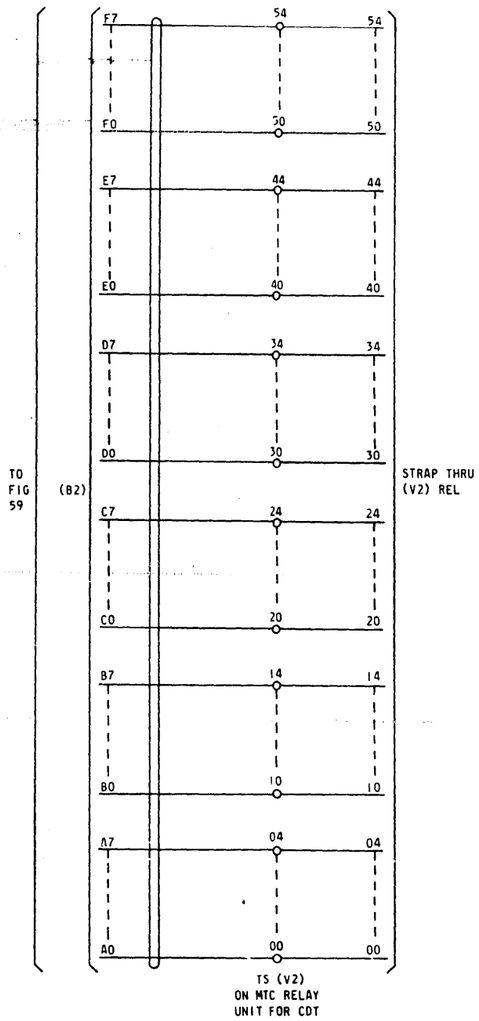
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25803-01	G136

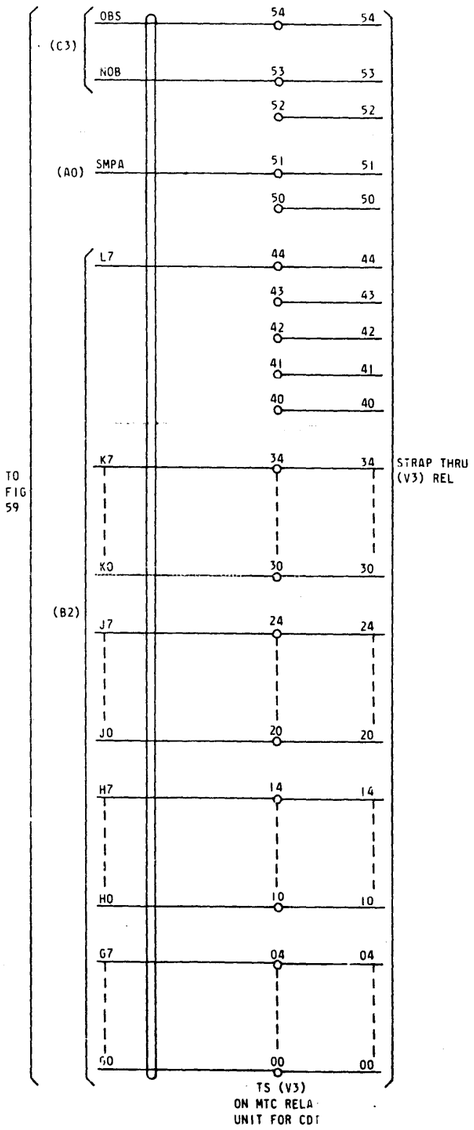
E-7481 (6-70) PRINTED IN U.S.A.

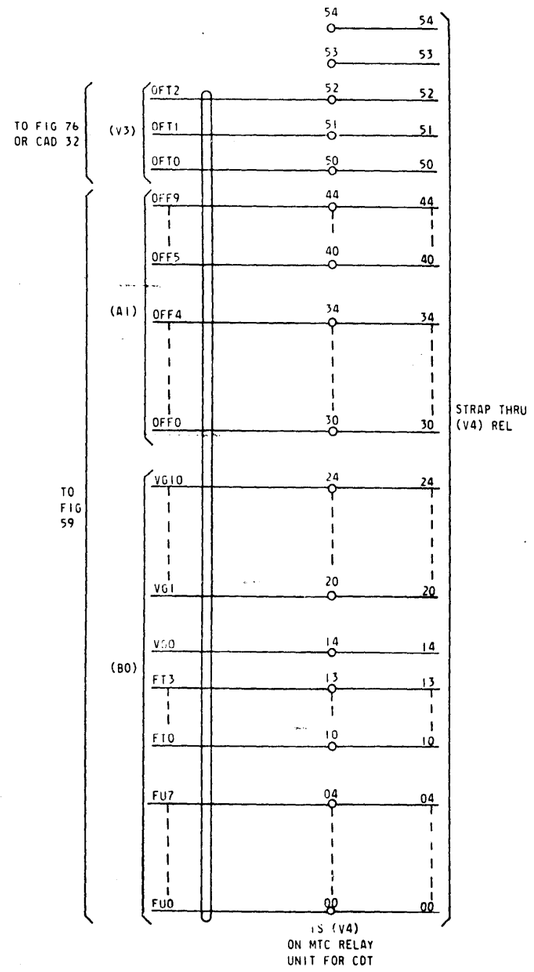
SD-25803-01-97A

PART OF CAD 208

(FOR APP FIG 61)
TABLE I





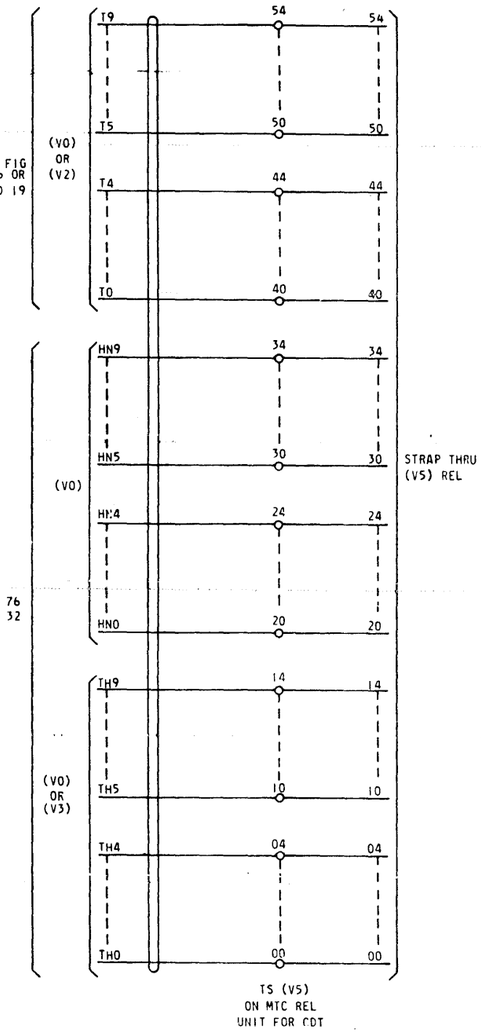


MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES SD-25805-01-		G137

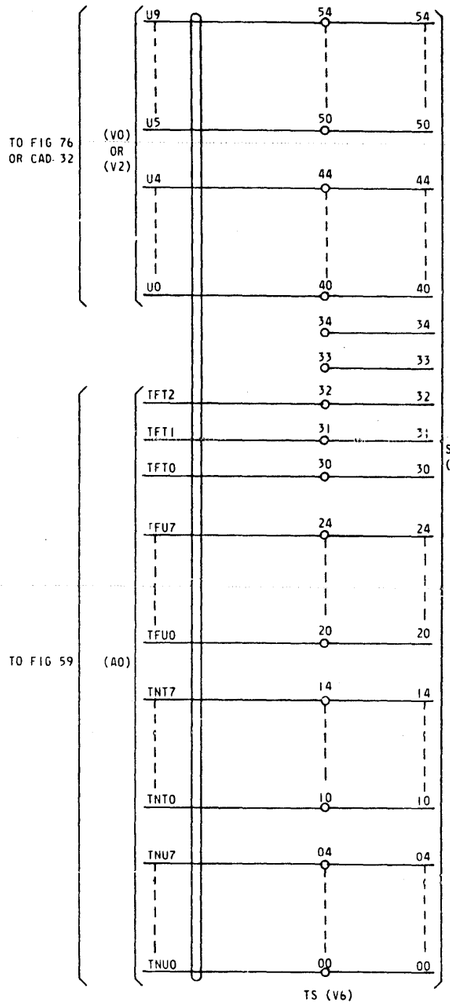
E-7621 (6-79) PRINTED IN U.S.A.

PART OF CAD 208

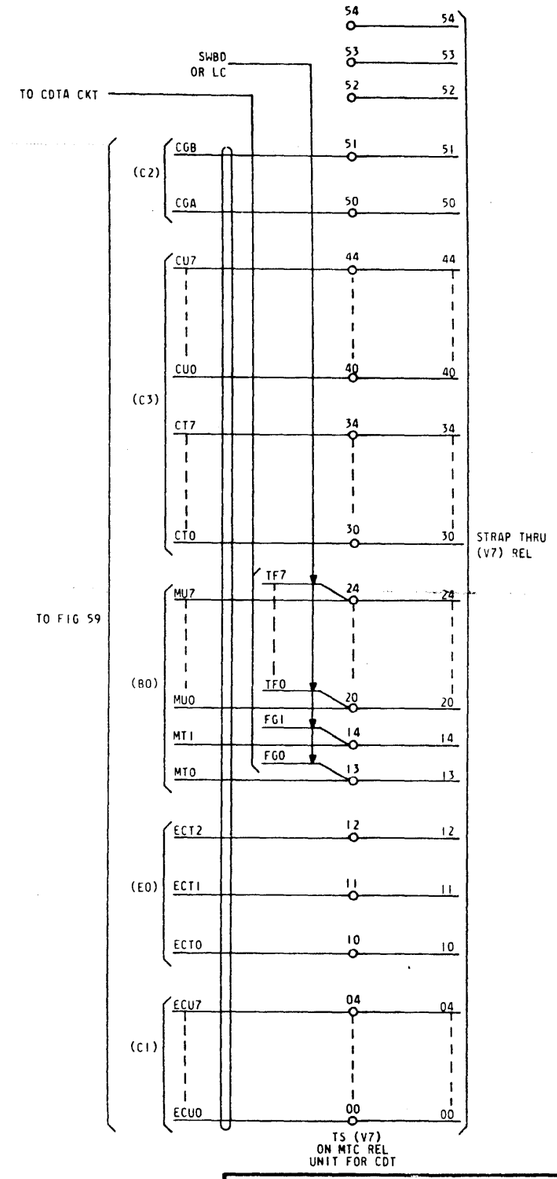
(FOR APP FIG 61)
TABLE I



STRAP THRU (V5) REL



STRAP THRU (V6) REL



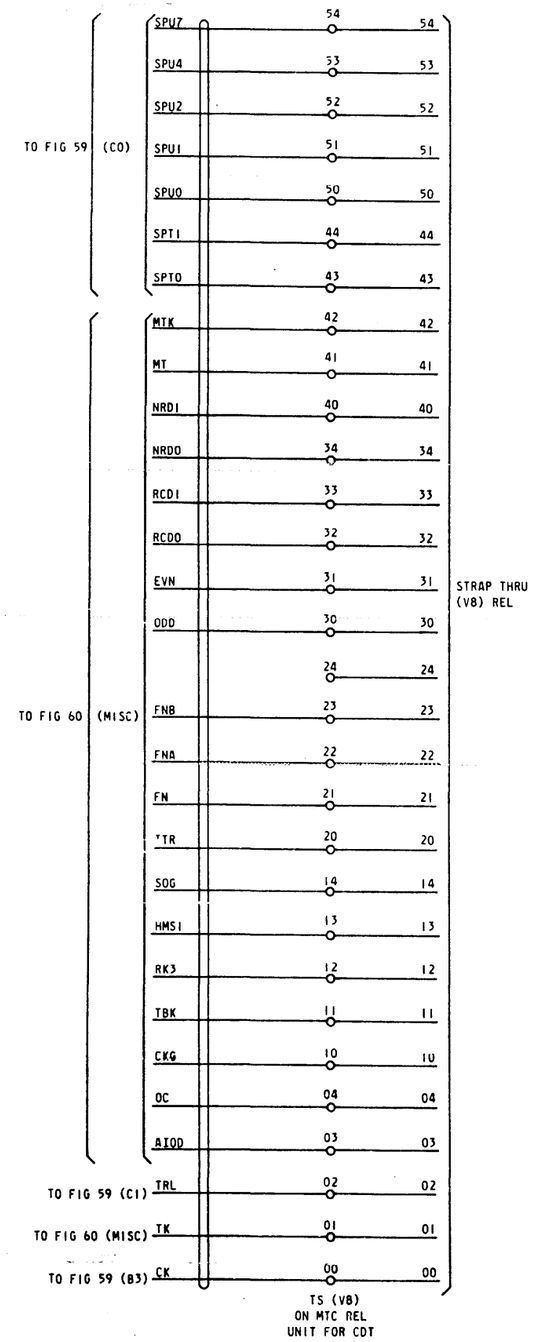
STRAP THRU (V7) REL

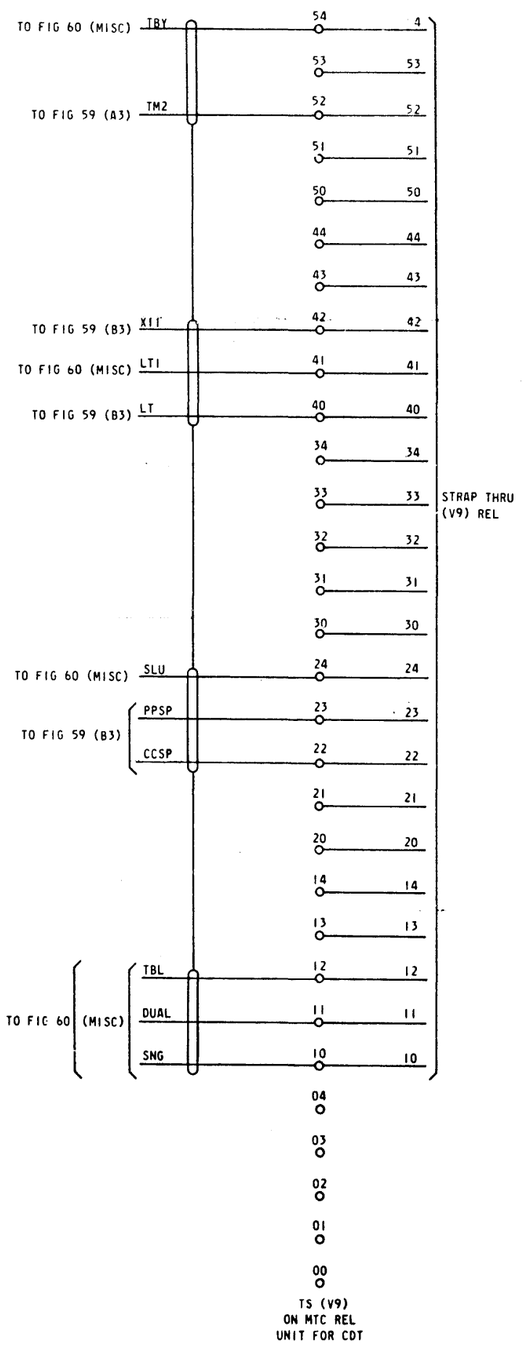
MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	6138

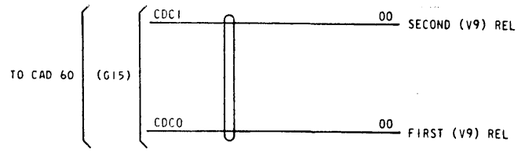
SD-25805-01-6138

PART OF CAD 208

(FOR APP FIG 61)
TABLE I







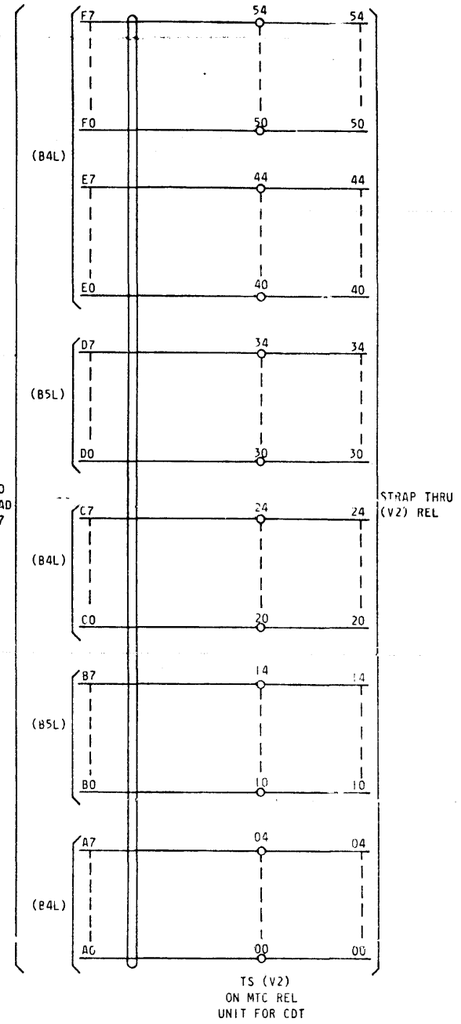
MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6139

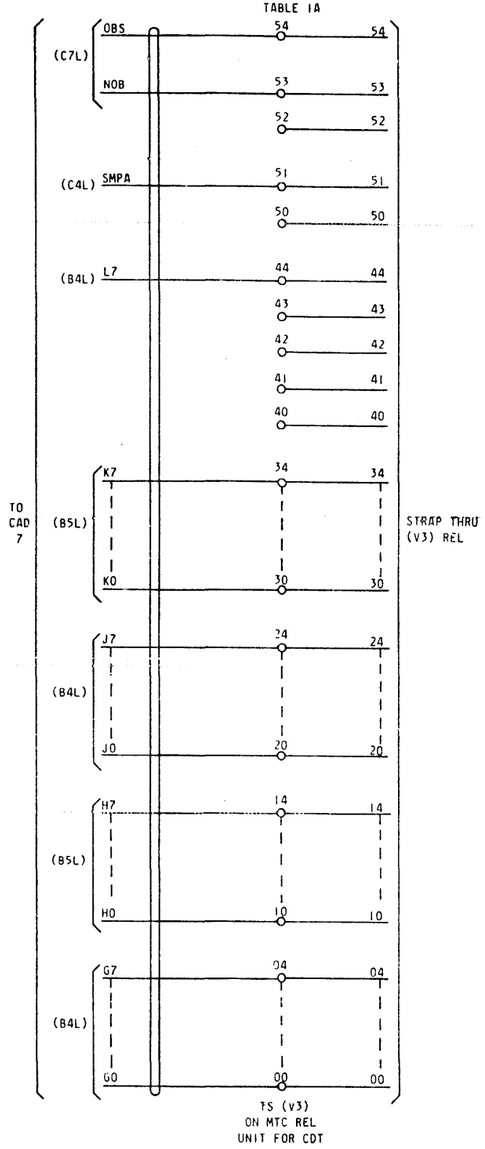
6-7481 (6-79) PRINTED IN U.S.A.

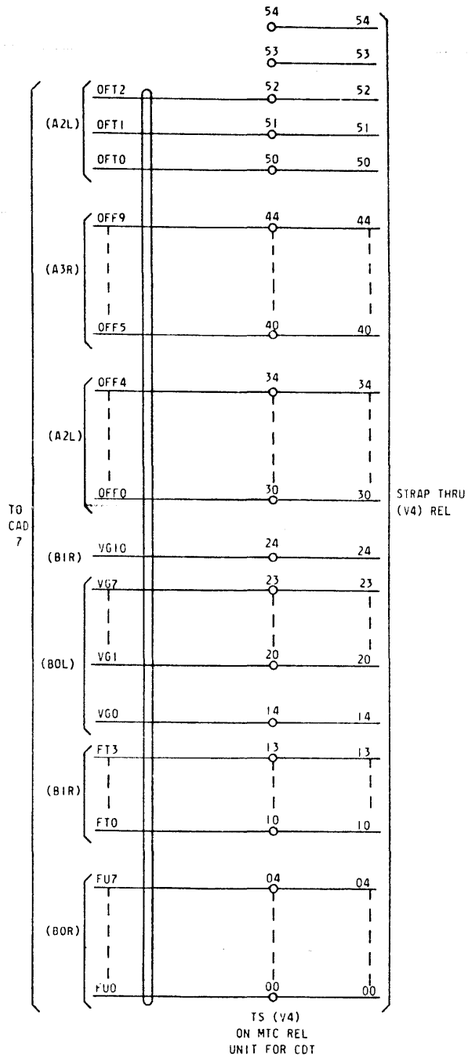
SD-25805-01-6139

PART OF CAD 209

(FOR APP FIG 61)
TABLE IA







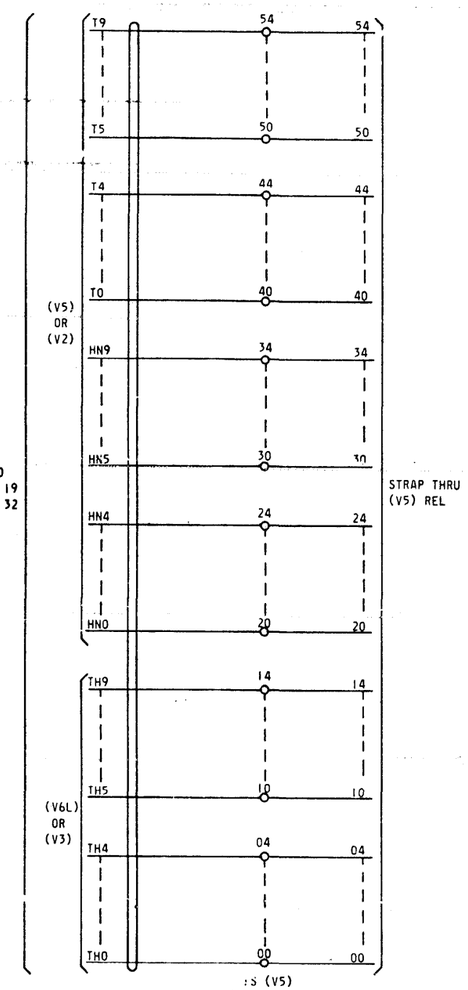
MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES SD-25805-01-		G140

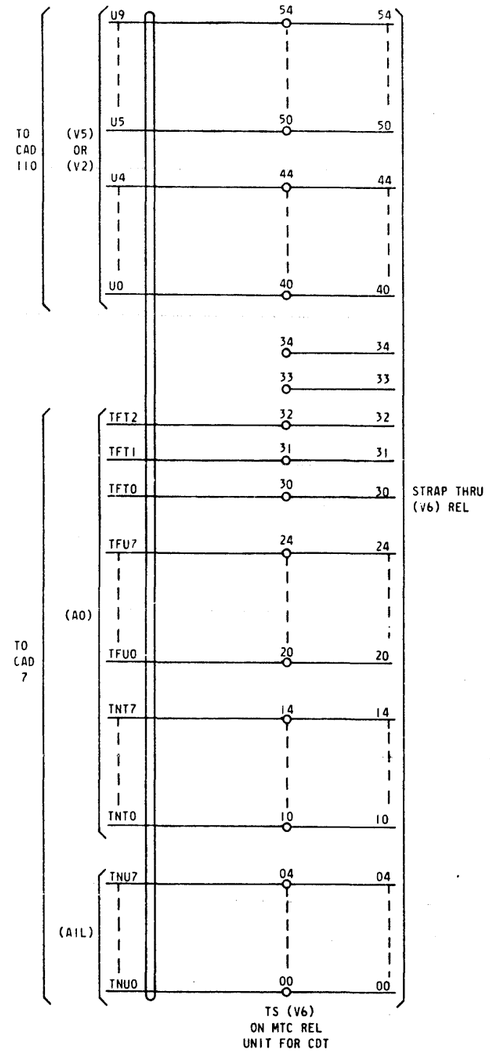
SD-25805-01-G140

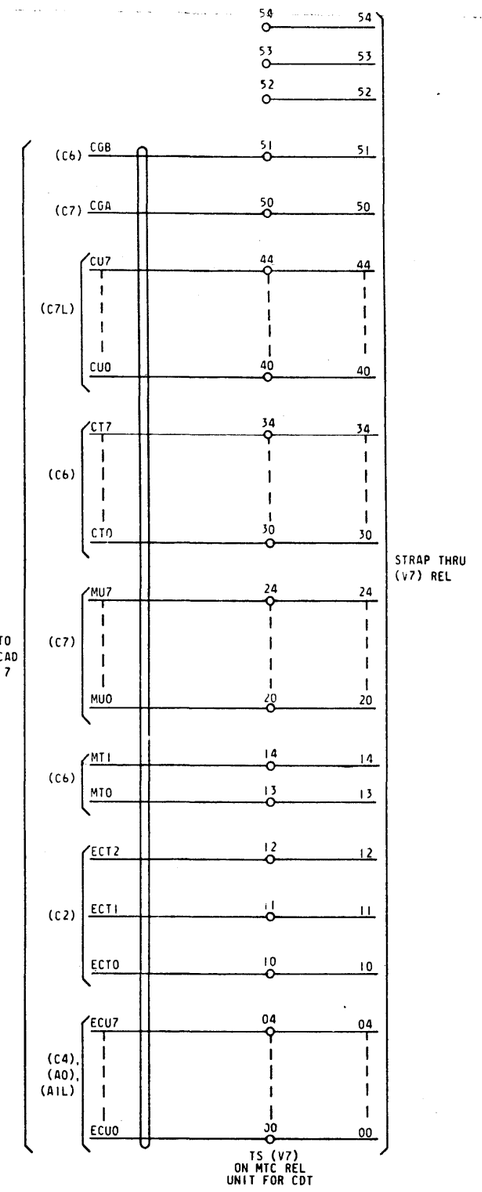
E-7481 (6-79) PRINTED IN U.S.A.

PART OF CAD 209

(FOR APP FIG 61)
TABLE 1A







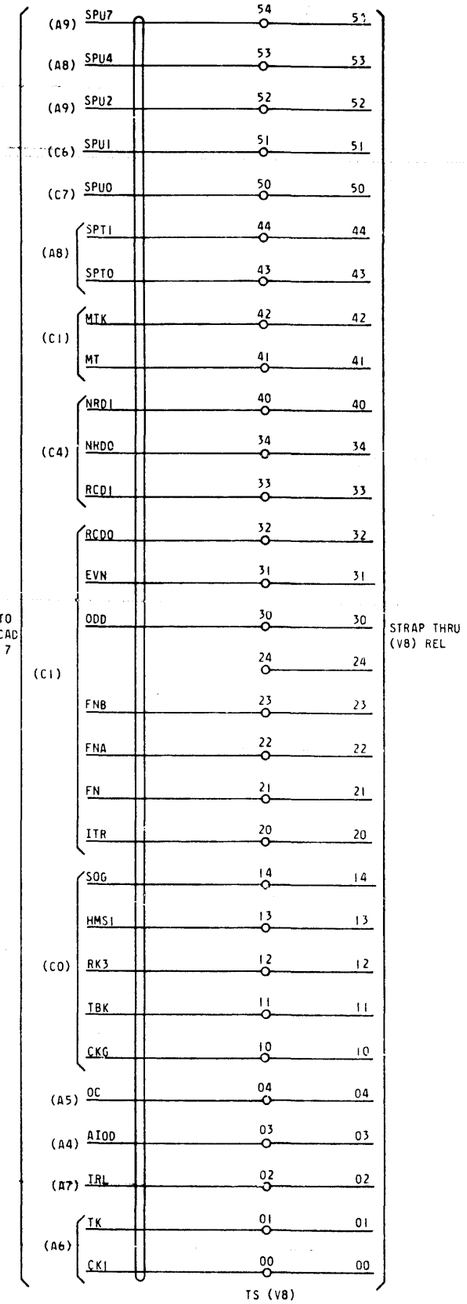
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01-		G141

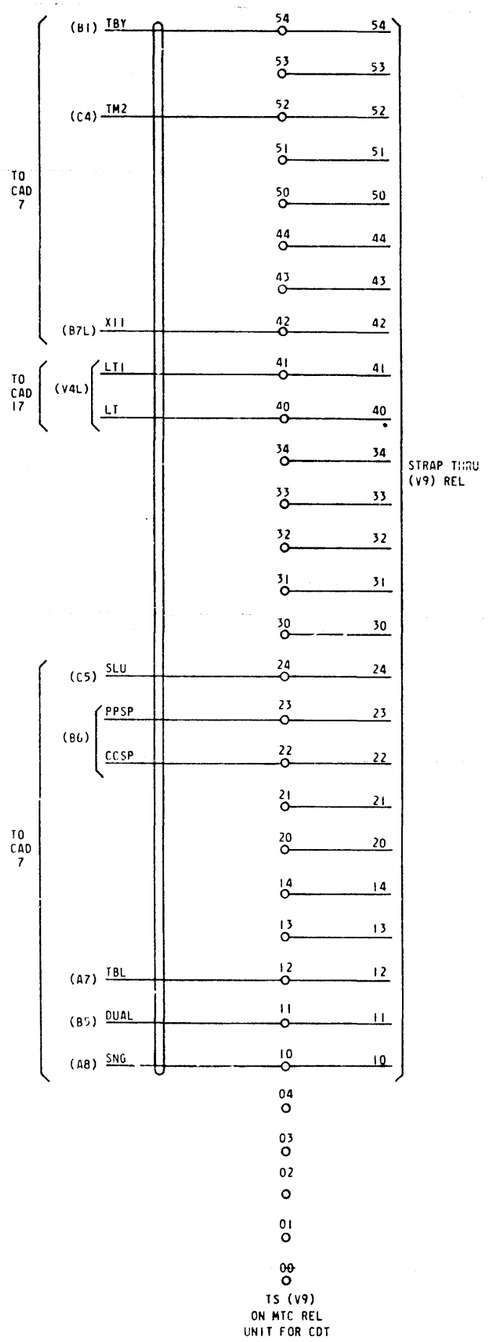
SD-25805-01-G141

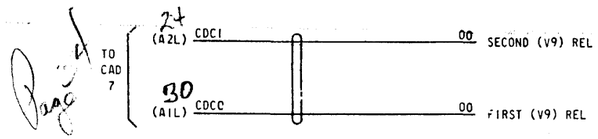
5-7481 (6-79) PRINTED IN U.S.A.

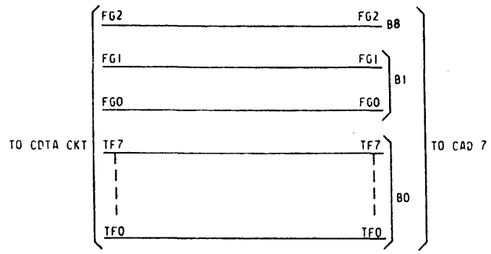
PART OF CAD 209

(FOR APP FIG 61)
TABLE 1A









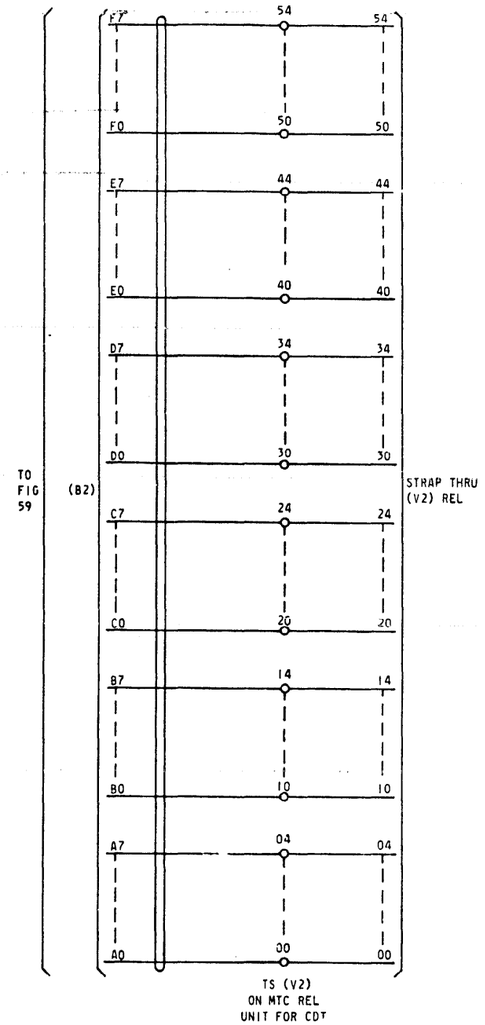
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES SD-25805-01-		G142

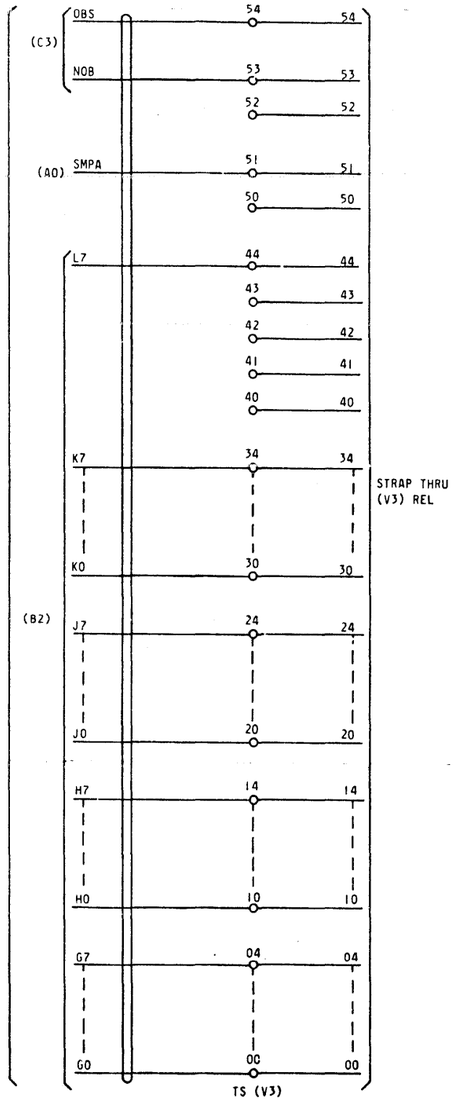
E-7481 (6-79) PRINTED IN U.S.A.

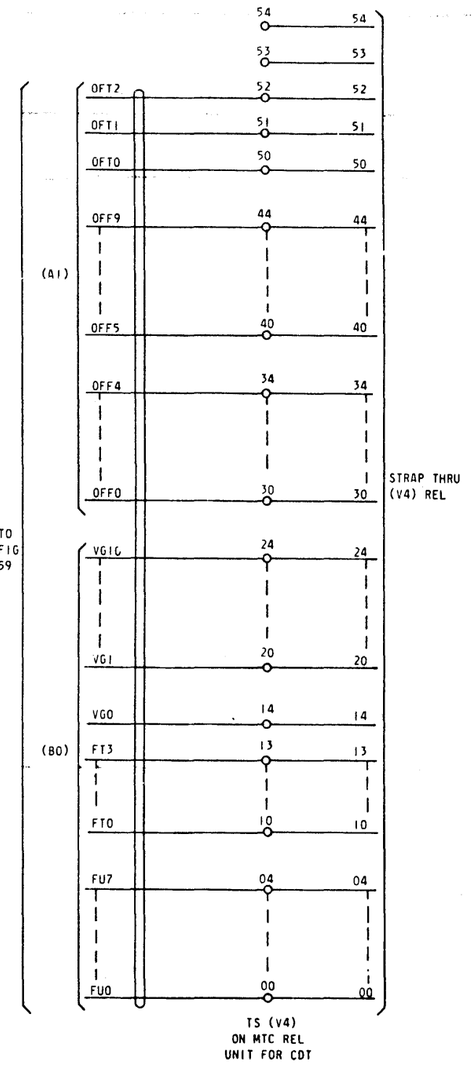
SD-25805-01-G142

PART OF CAD 210

(FOR APP FIG 61)
TABLE IB





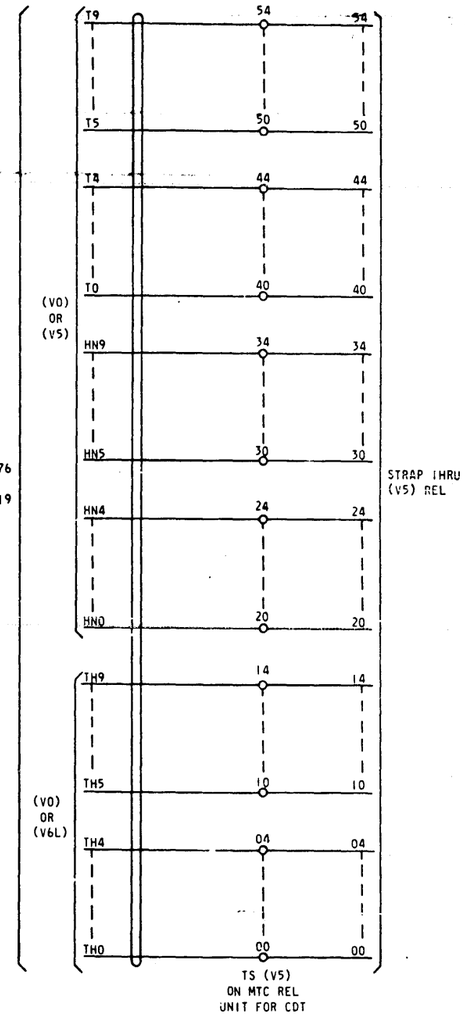


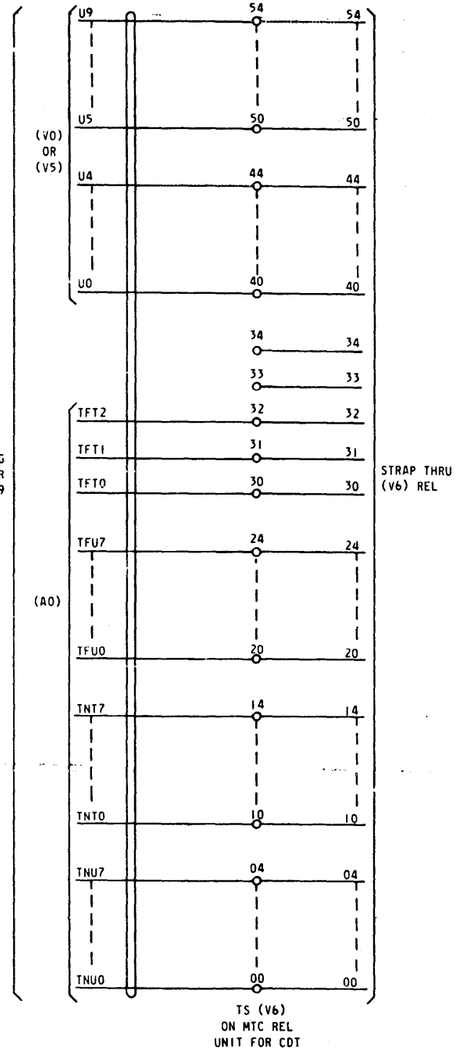
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G143

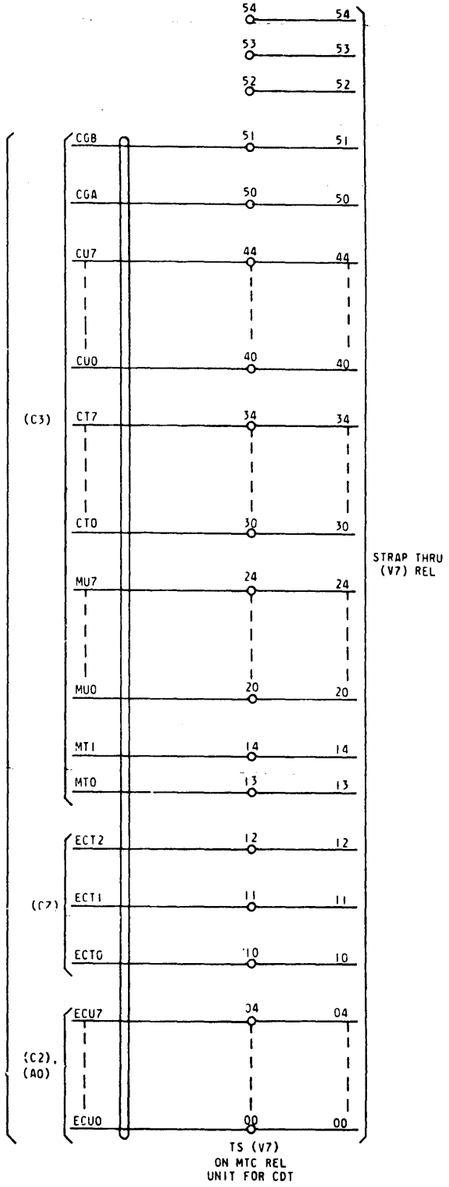
E-7461 (9-79) PRINTED IN U.S.A.

PART OF CAD 210

(FOR APP FIG 61)
TABLE IB





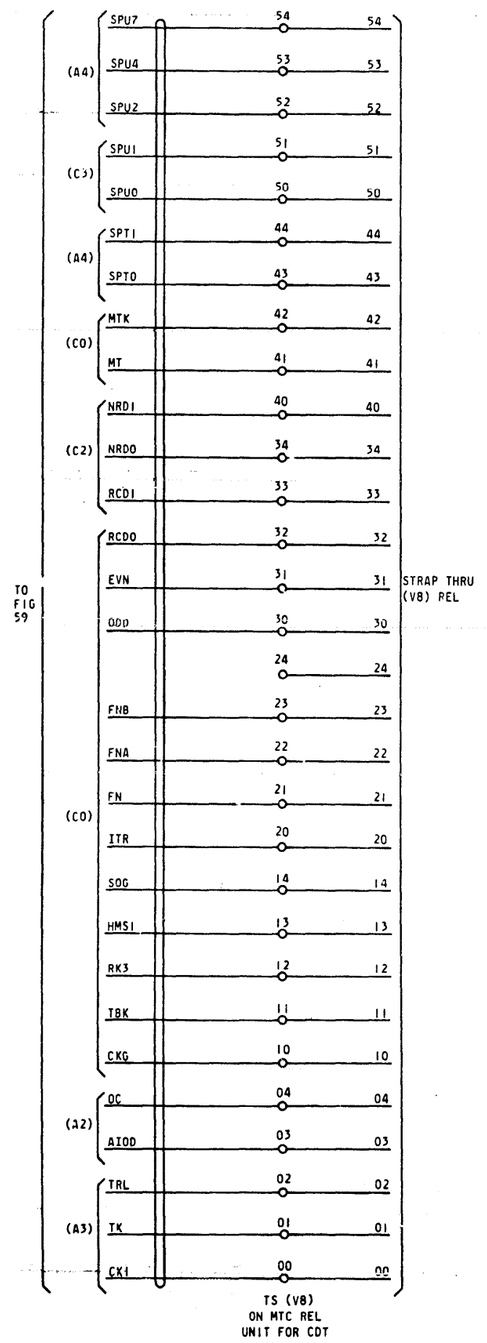


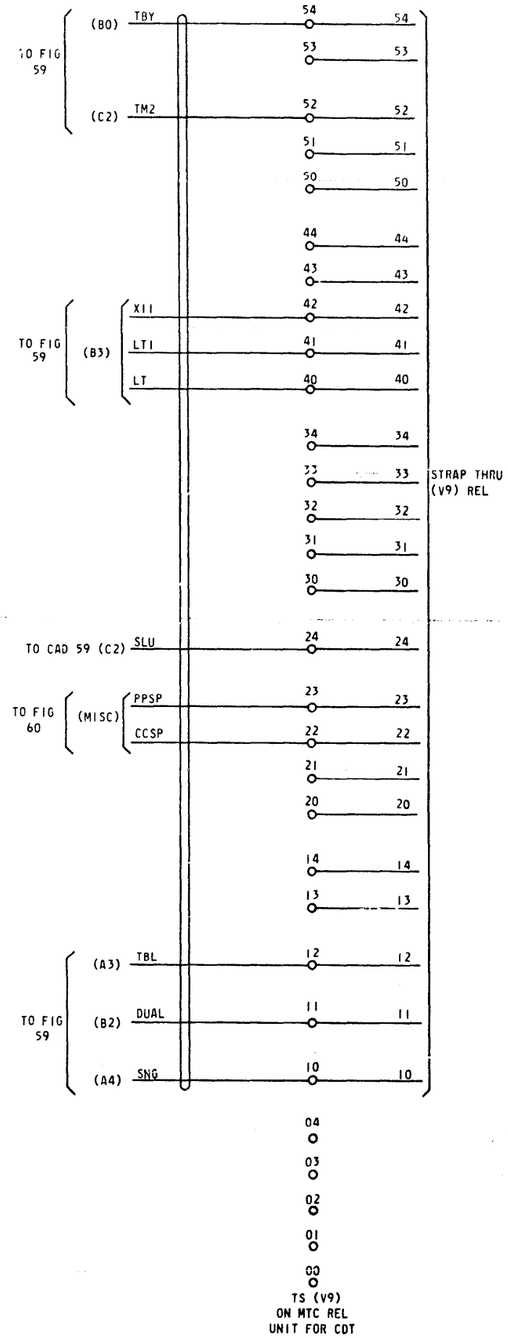
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01	G144

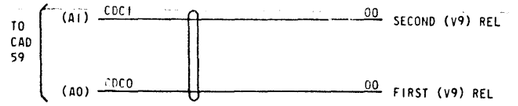
PRINTED IN U.S.A.

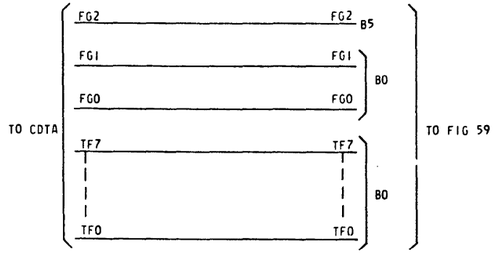
PART OF CAD 210

(FOR APP FIG 61)
TABLE IB







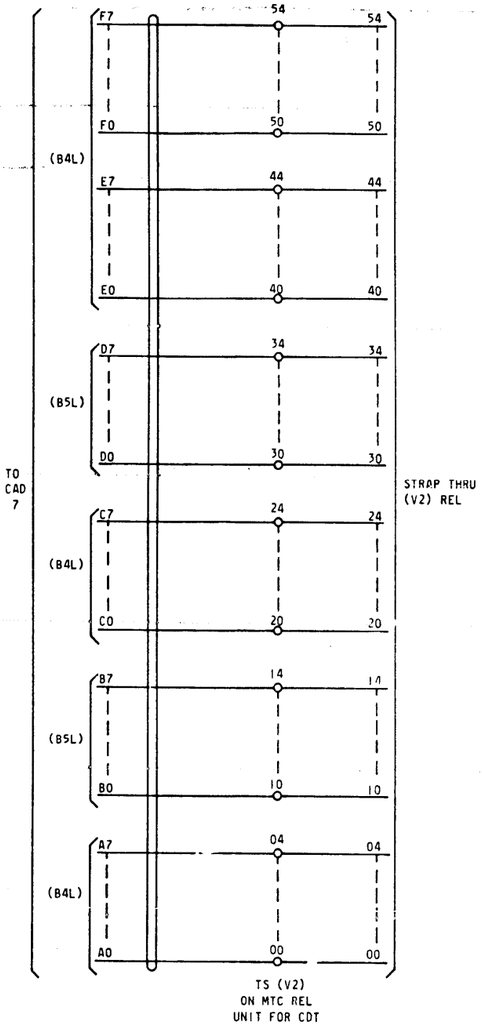


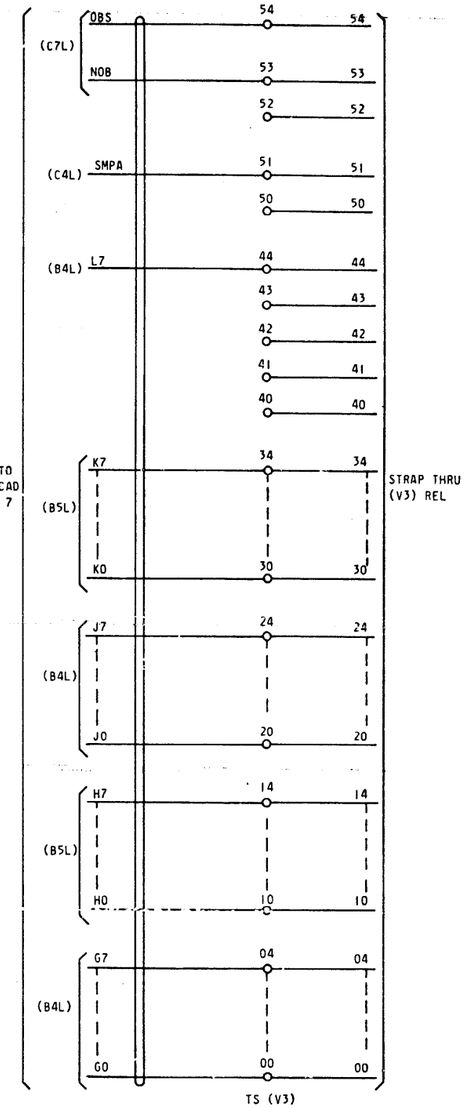
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6145

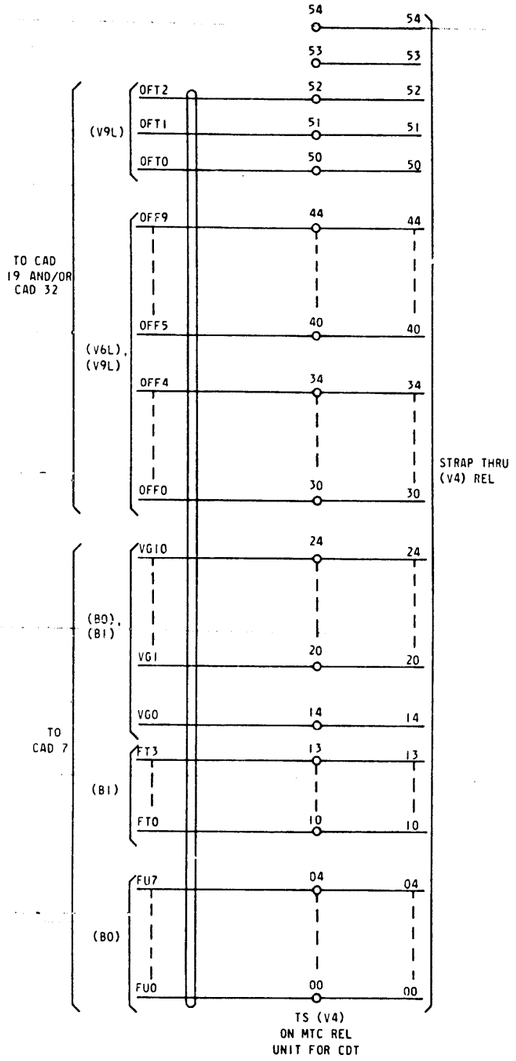
SD-25805-01-6145

PART OF CAD 211

(FOR APP FIG 61)
TABLE IE





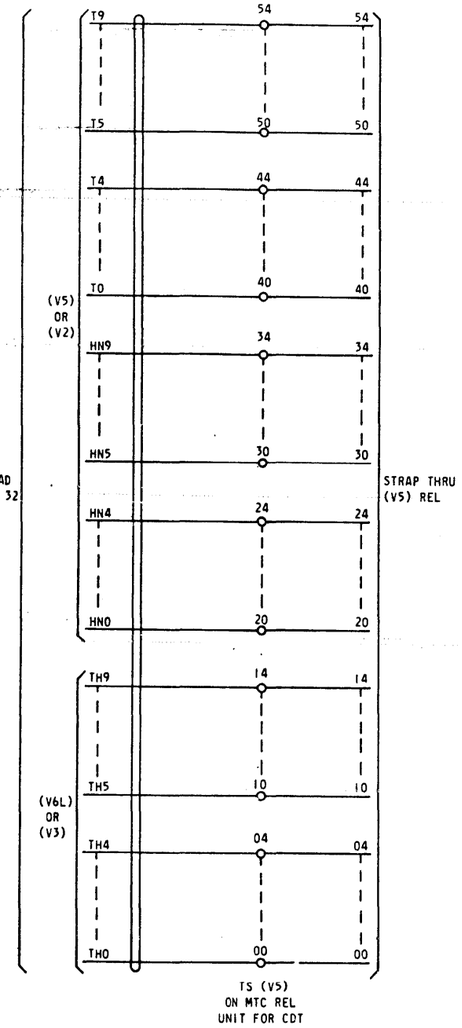


MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25803-01	6148

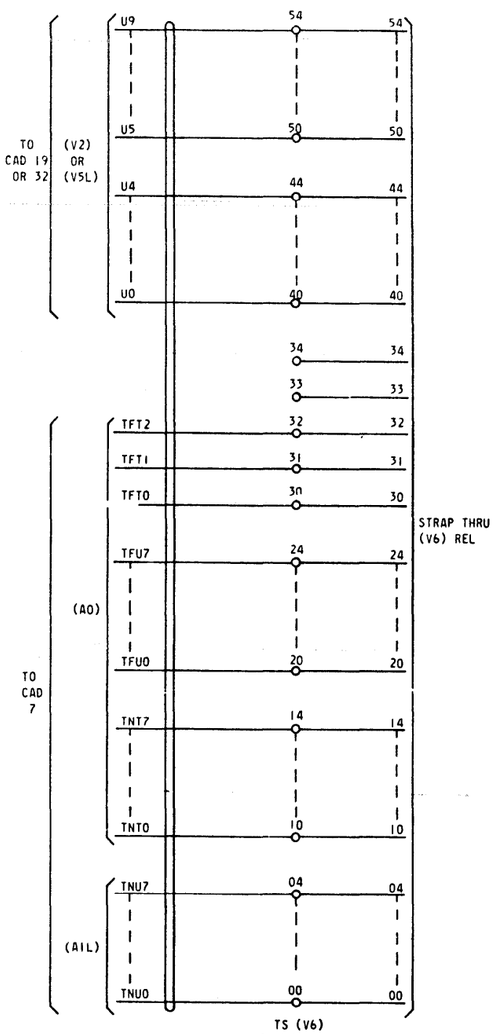
SD-25803-01-6148

PART OF CAD 211

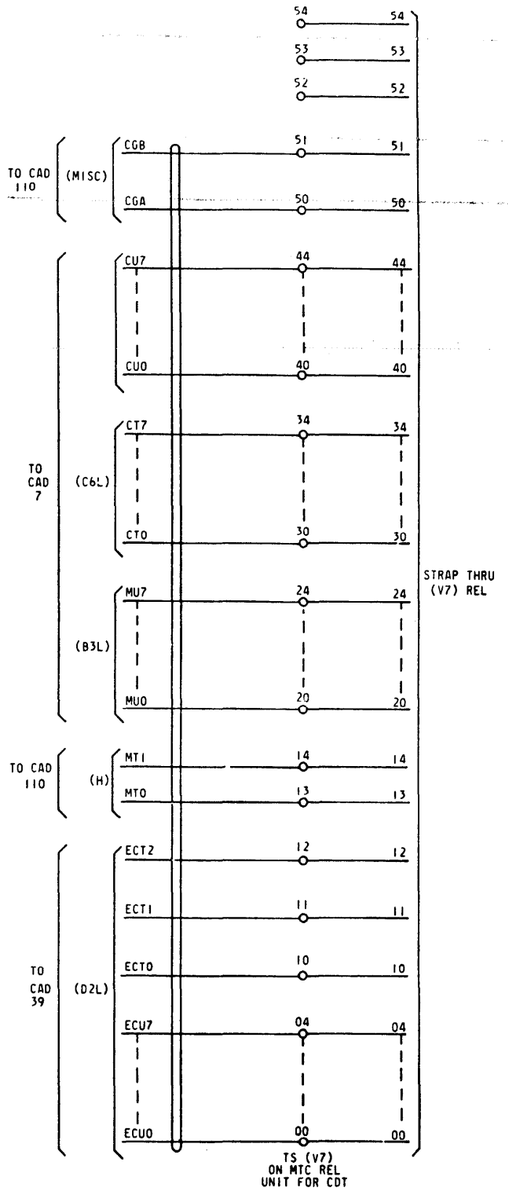
(FOR APP FIG 61)
TABLE IE



TS (V5)
ON MTC REL
UNIT FOR CDT



TS (V6)
ON MTC REL
UNIT FOR CDT



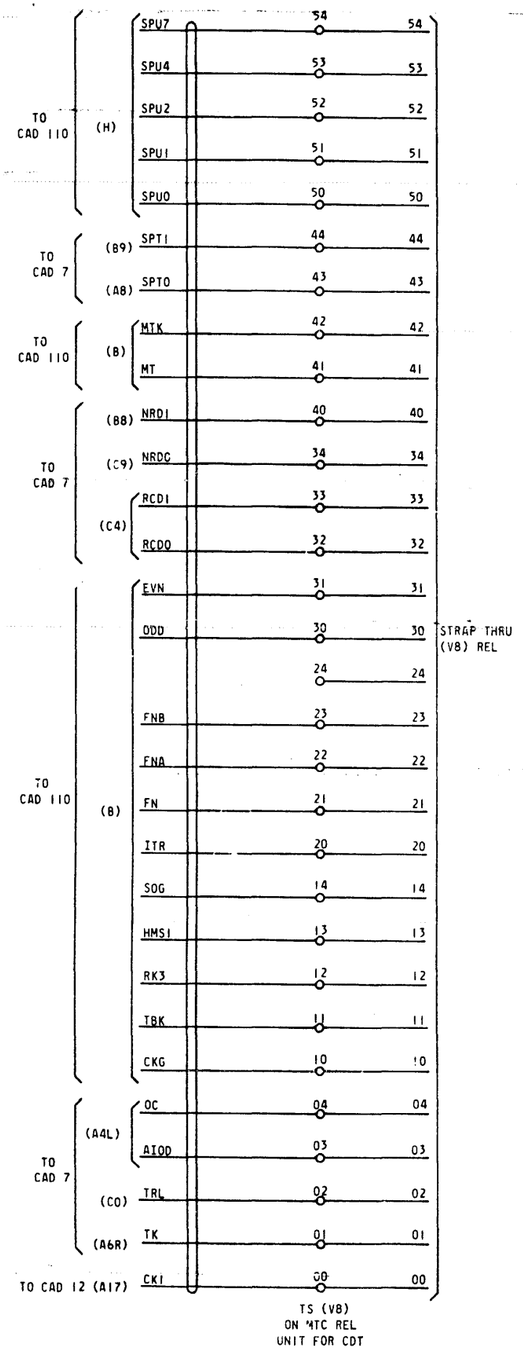
TS (V7)
ON MTC REL
UNIT FOR CDT

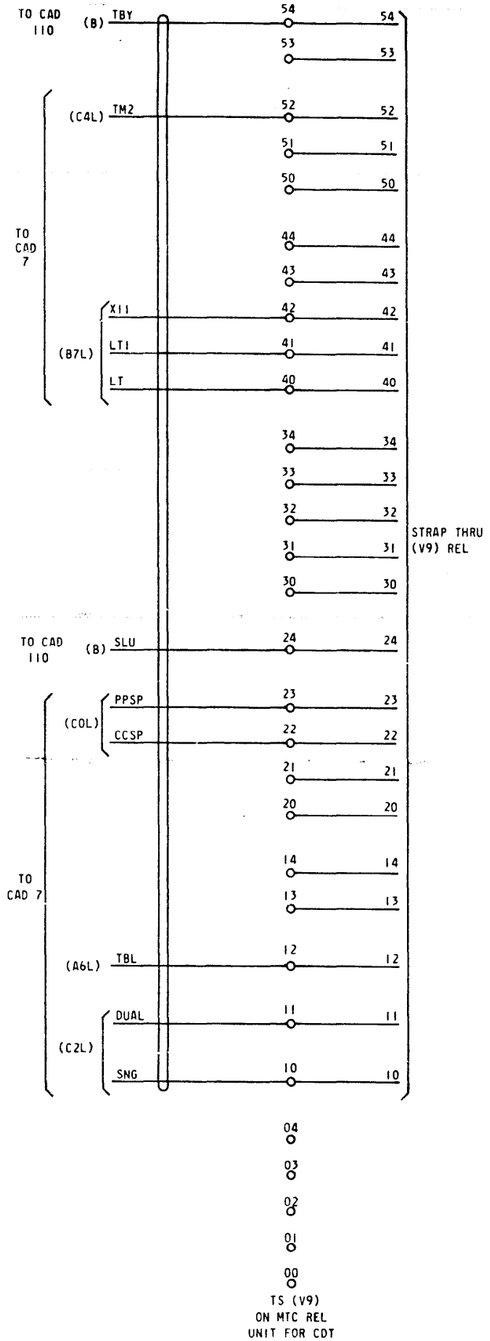
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G147

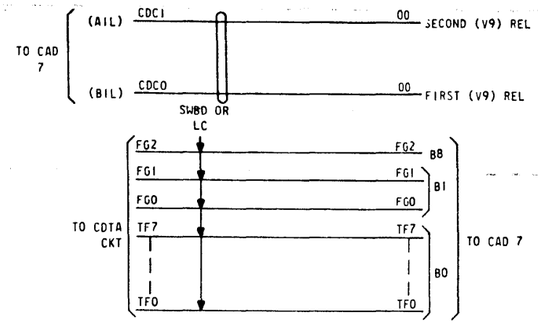
SD-25805-01-G147

PART OF CAD 211

(FOR APP FIG 61)
TABLE IE







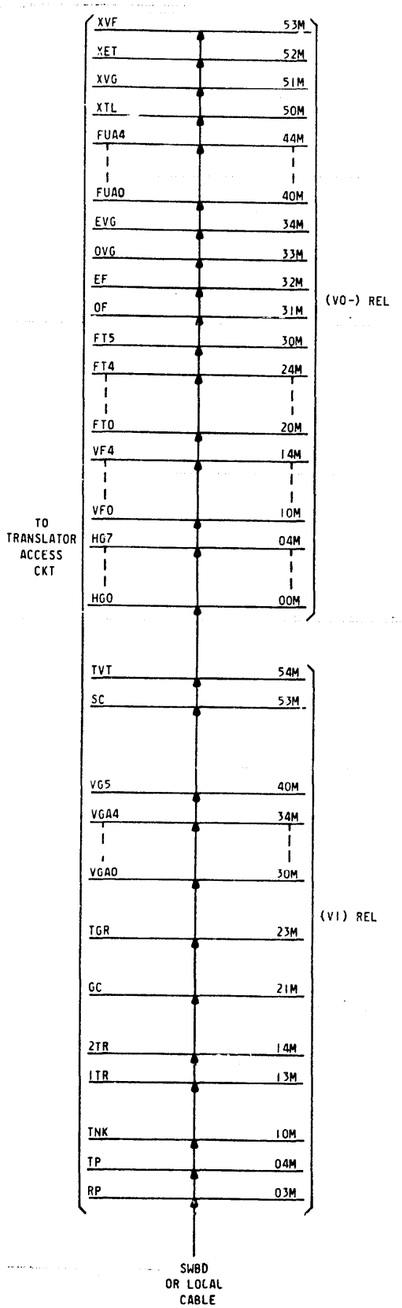
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G148

SD-25805-01-G148

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CAD 212

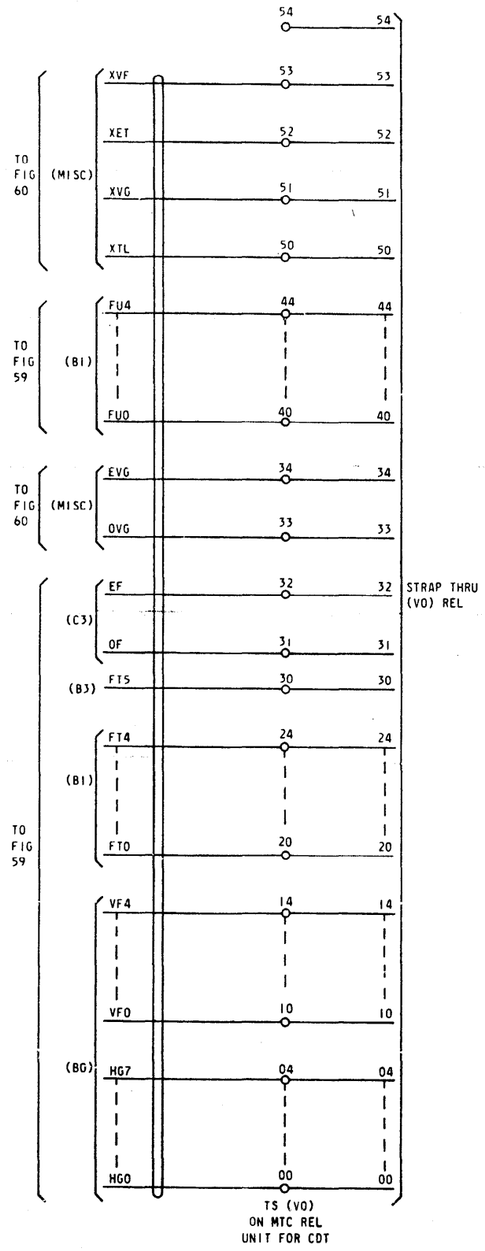
(FOR APP FIG 60)

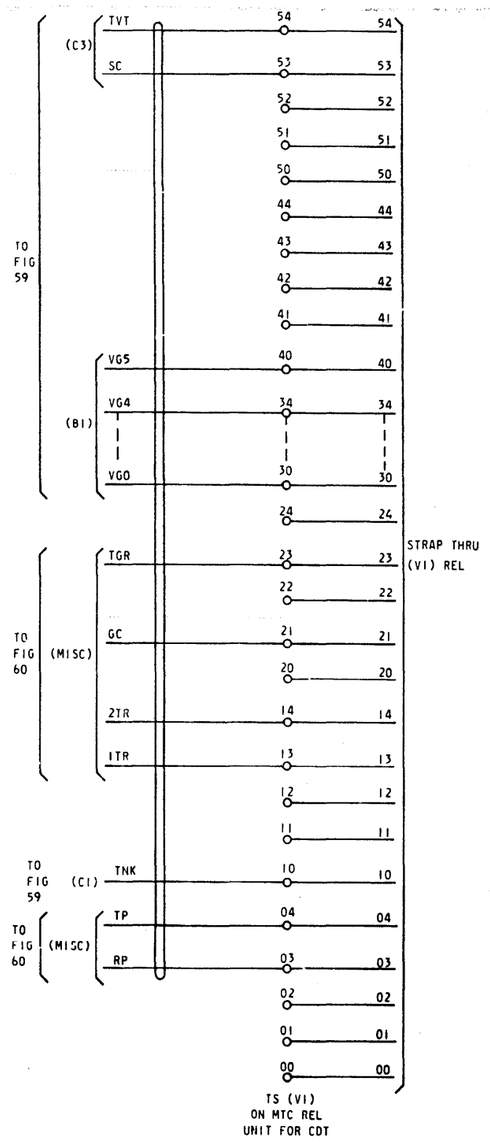


CAD 213

(FOR APP FIG 60)

TABLE I



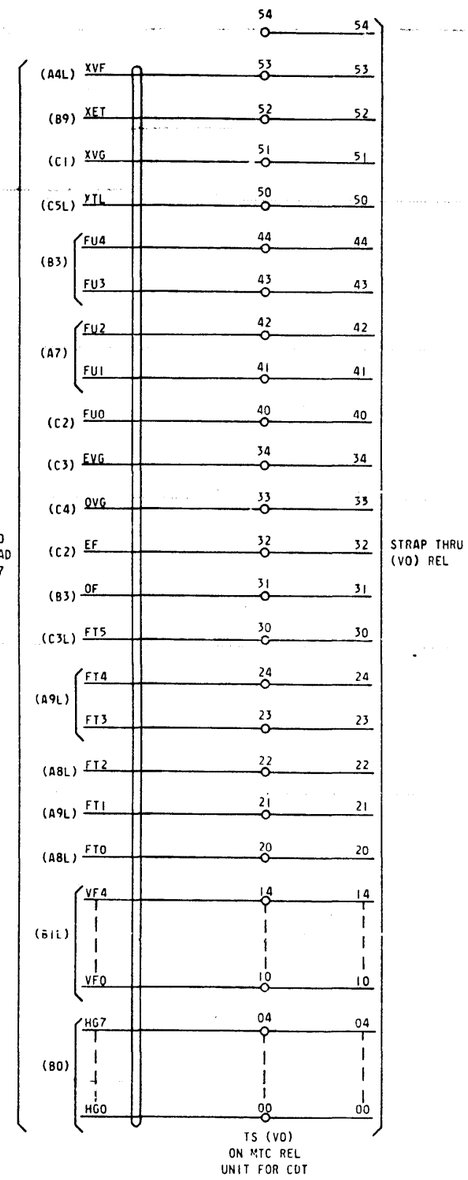


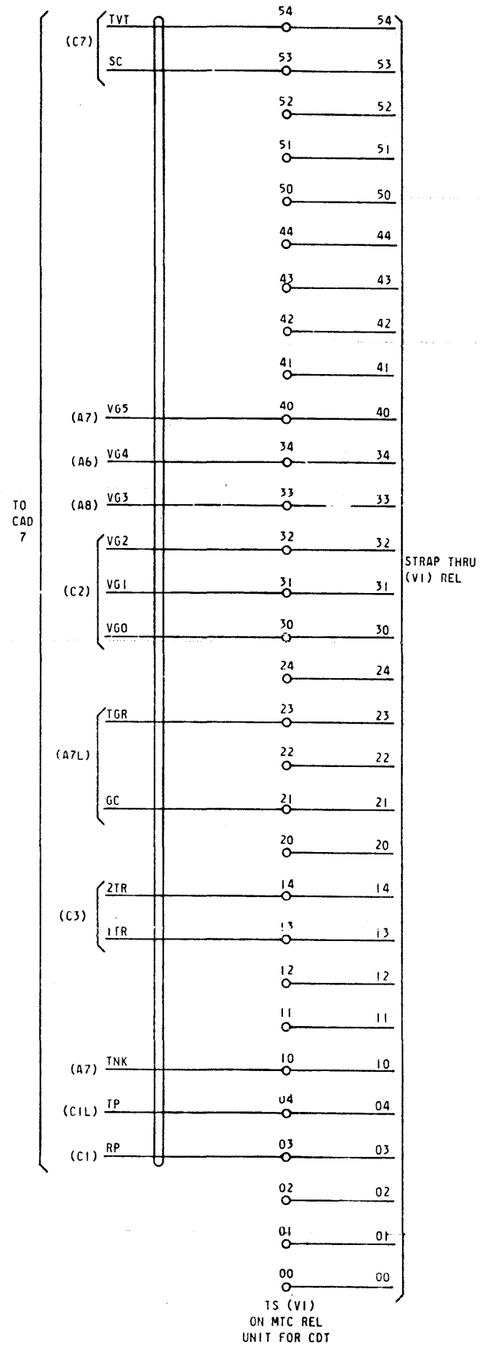
MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G149

SD-25805-01-G149

CAD 214

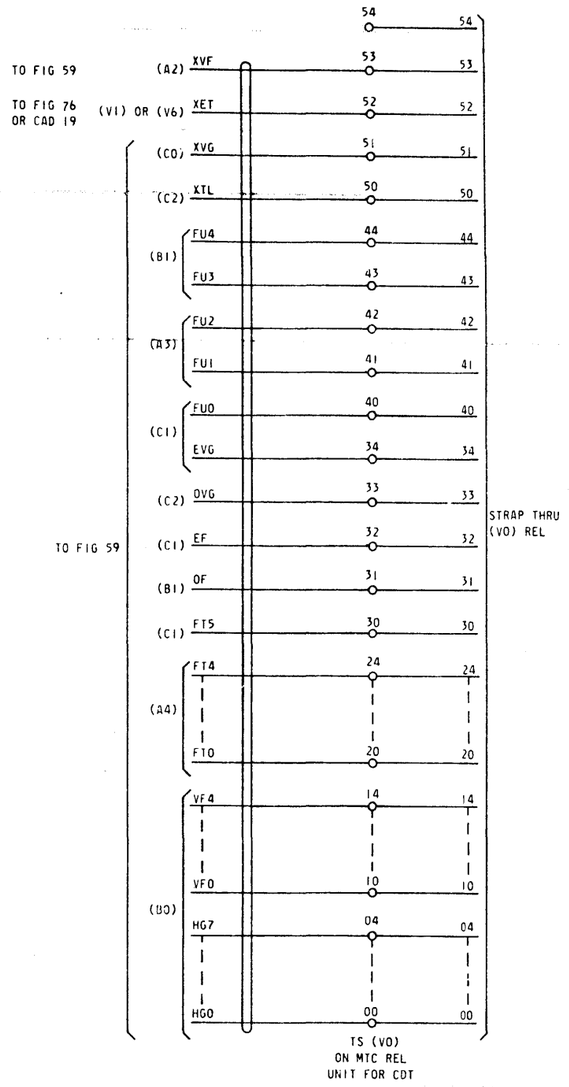
(FOR APP FIG 60)
TABLE IA





PART OF CAD 215

(FOR APP FIG 60)
TABLE IB

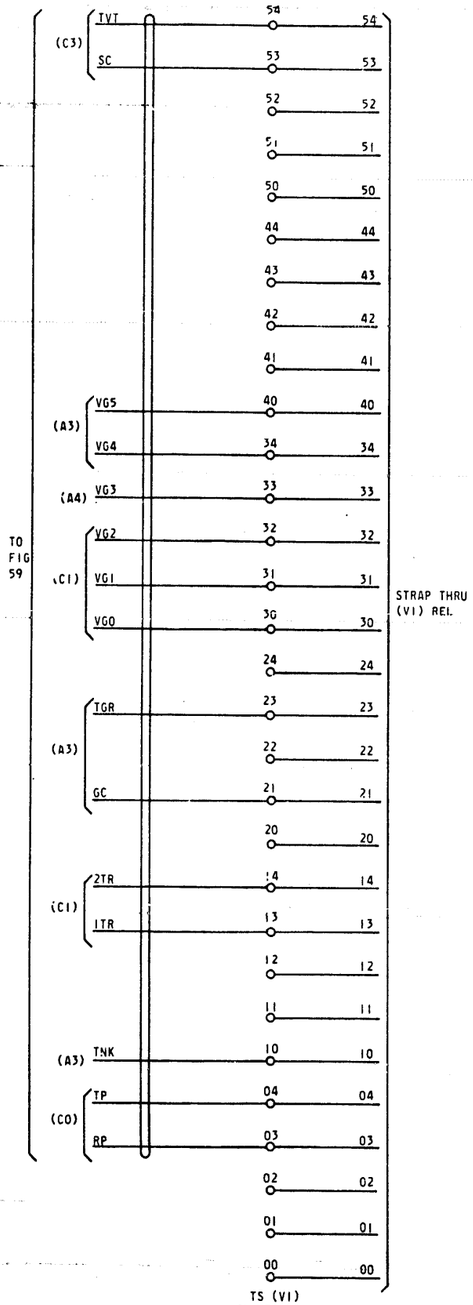


MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G150

SD-25805-01 G150

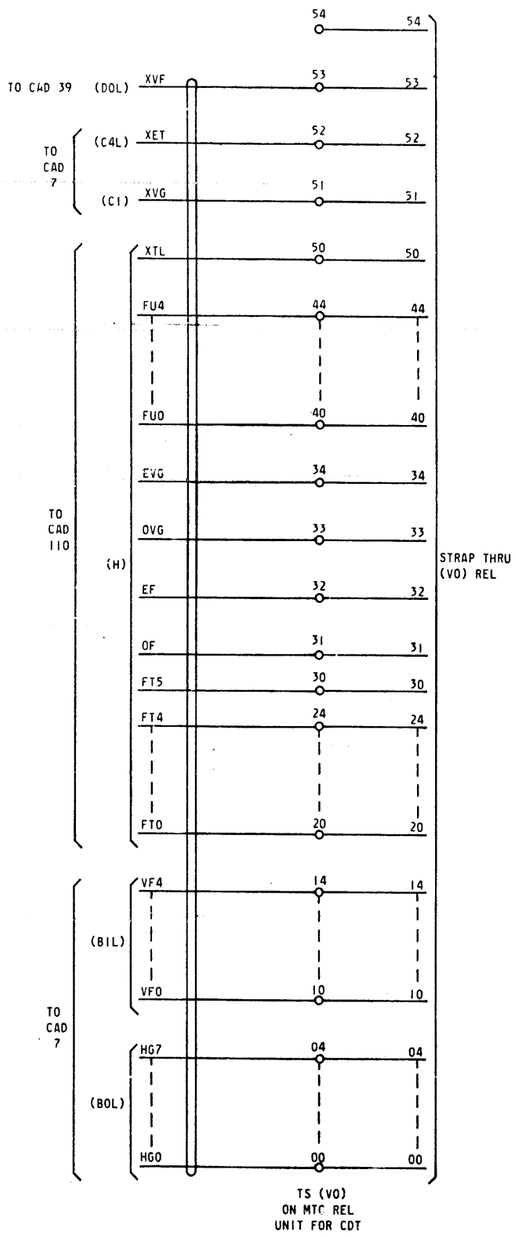
PART OF CAD 215

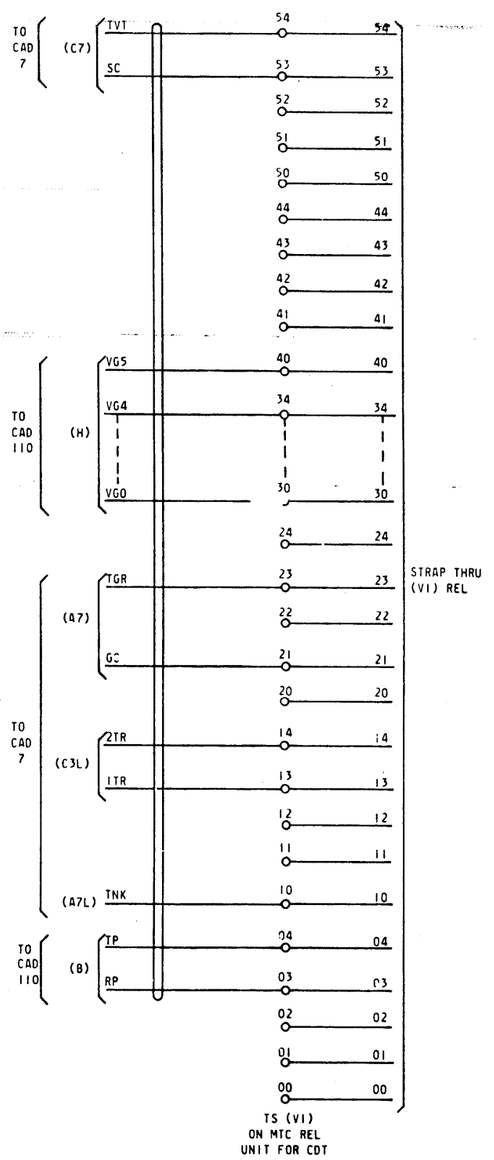
(FOR APP FIG 60)
TABLE IB



CAD 216

(FOR APP FIG 60)
TABLE IE

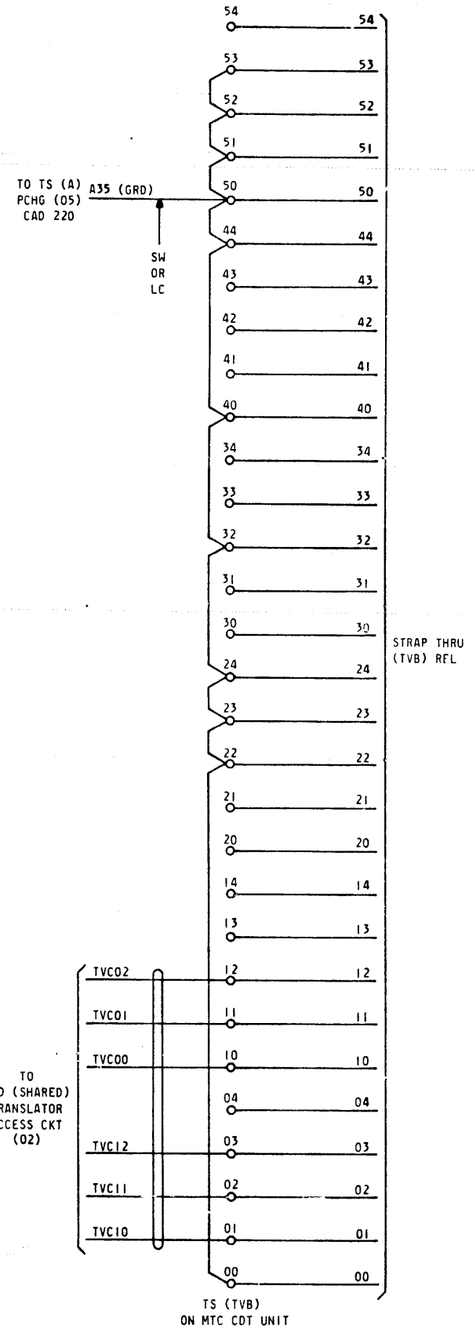




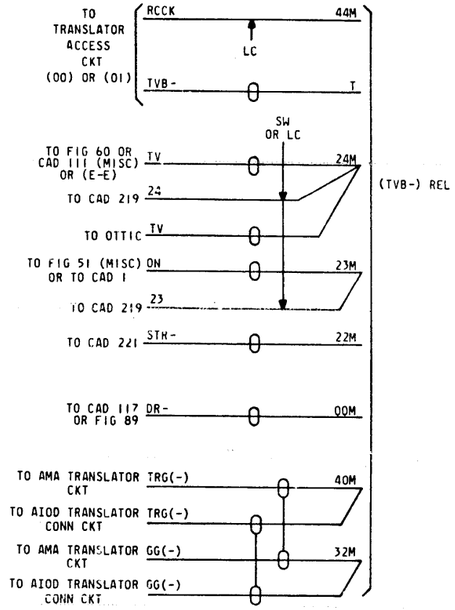
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01	G151

E-74881 (6-79) PRINTED IN U.S.A.

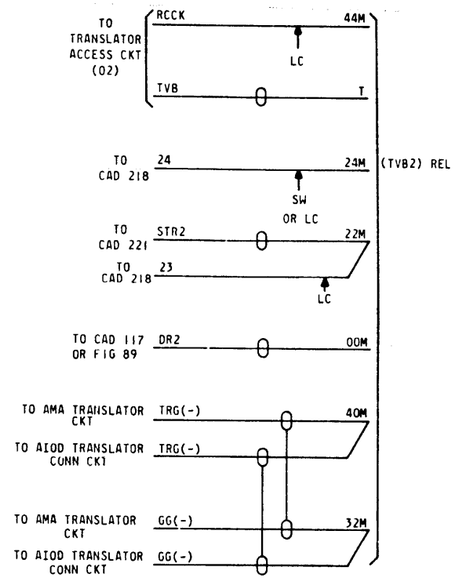
CAD 217
(FOR APP FIG 58 & 59)



CAD 218
(FOR APP FIG 59)



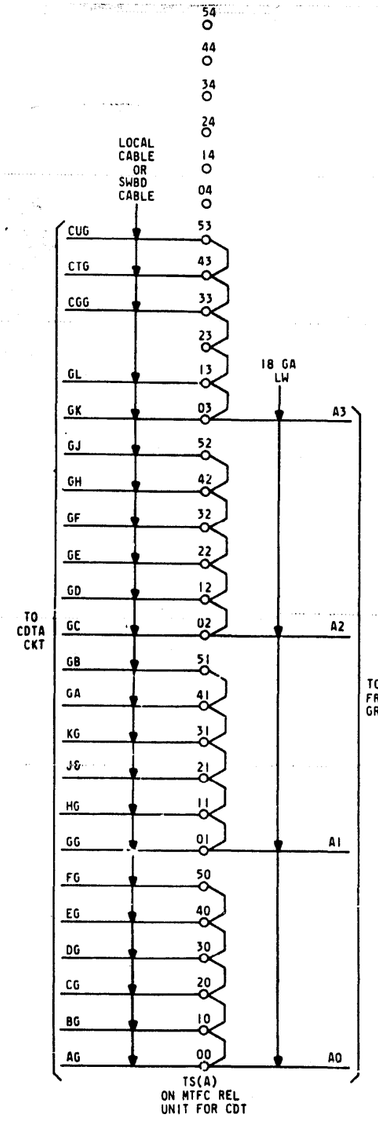
CAD 219
(FOR APP FIG 58)

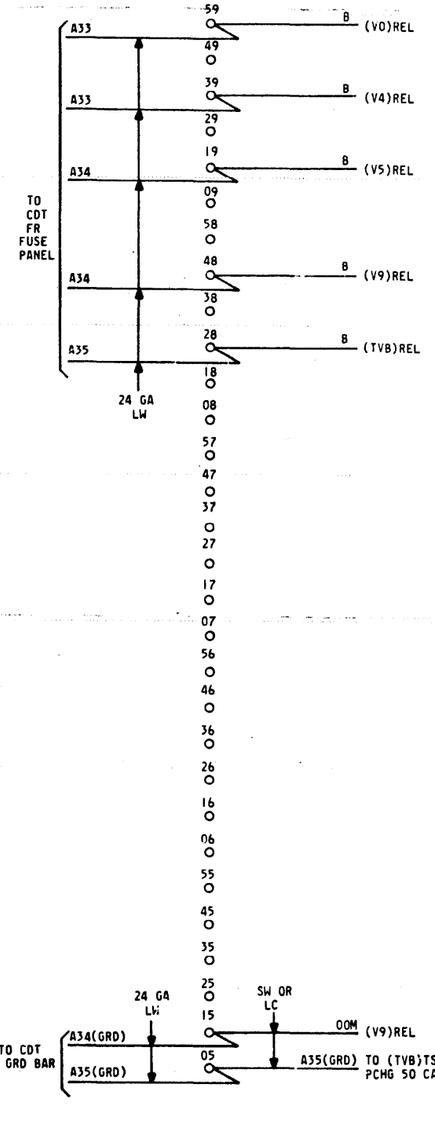


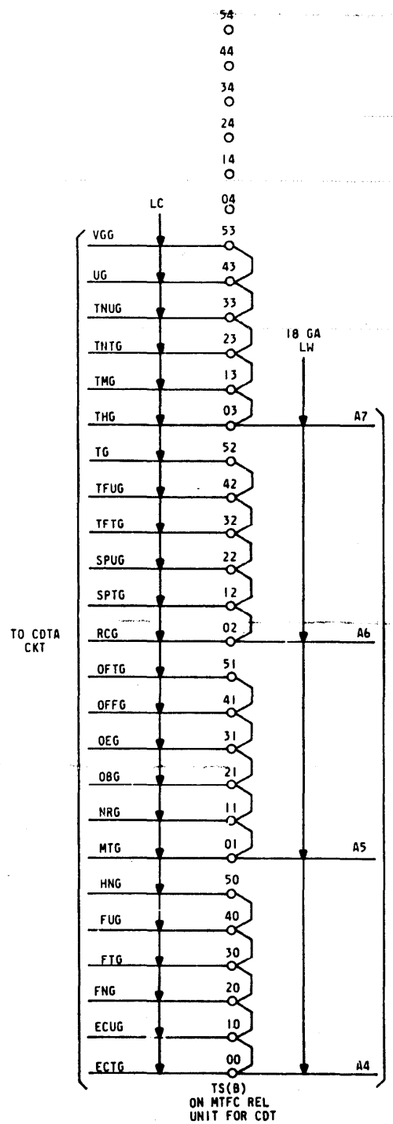
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G152

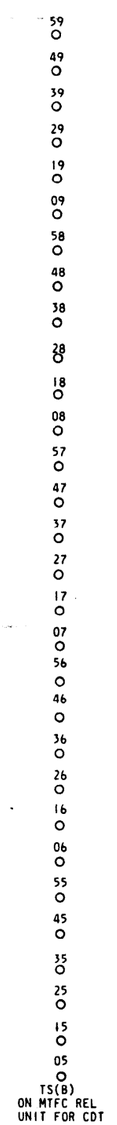
SD-25805-01-G152

CAD 220









MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G153

CAD 221
(FOR APP FIG 62)

54 44 34 24 14 53 43 33 23 13 52 42 32 22 12 51 41 31 21 11

TO FRAME 48V(CD) FUSE PANEL — 2L (TAAO)REL

TO FRAME CD(GRD) GRD BAR — 5M (TAPO)REL

TS (A) ON MTC PREF & CONTROL REL UNIT FOR CDT

TO 3RD TRANSLATOR ACCESS CKT

TRST2 — 58 — 2L (TAP2)REL
CI2 — 48 — 3M
TVA2 — 38 — 1U (TAA2)REL
TRB2 — 28 — 10B
TRB — 18

TO CAD 13 OR 30 OR FIG 69

TO 2ND TRANSLATOR ACCESS CKT

TRST1 — 57 — 2U (TAP1)REL
CI1 — 47 — 10M
TVA1 — 37 — 1U (TAA1)REL
TRB1 — 27 — 10B
TRB — 17

TO CAD 13 OR 30 OR FIG 69

TO 1ST TRANSLATOR ACCESS CKT

TRSTO — 56 — 2L (TAPO)REL
CIO — 46 — 3M
TVAO — 36 — 1L (TAAO)REL
TRBO — 26 — 3B
TRB — 16

TO CAD 13 OR 30 OR FIG 69

TO MASTER TEST FRAME JACK, LAMP, & KEY CKT

TRB2 — 55 — 10 (TAA2)REL
TRB1 — 45 — 10 (TAA1)REL
TRB0 — 35 — 3 (TAAO)REL
TRB2
TRB1
TRB0
25
15

TO CAD 13 OR 30 OR FIG 69

TS(A) ON MTC PREF & CONTROL REL UNIT FOR CDT

TO FIG 66, CAD 15, CAD 27, OR CAD 30

OP — 54 — 5B (TAPO) REL
CI — 53 — 3
OP7 — 52 — 1L (TAP2) REL
AA

JR, JS OR TZ

54 44 34 24 14 53 43 33 23 13 52 42 32 22 12 51 41 31 21 11

TS (B) ON MTC PREF & CONTROL REL UNIT FOR CDT

TO FIG 66, CAD 15, CAD 27, OR CAD 30

CTI — 58 — 1 (TAPO)REL
CO — 28 — 1M

18

TO FIG 51 OR CAD 1 — ON — 57 — 2M (TAAO)REL
TO CAD 111 — TOR1 — 47 — 4M

37 27

TO FIG 51 OR CAD 1 — STR — 17 — 1M (TAAO)REL

TO CAD 218
STR1 — 56 — 12 (TAA1)REL
STRO — 46 — 1 (TAAO)REL

TO CAD 219 — STR2 — 36 — 12 (TAA2)REL

26 16 55 45 35 25 15

TS(B) ON MTC PREF & CONTROL REL UNIT FOR CDT

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	97A

BELL LABORATORIES — SD-25805-01 — 6154

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CAD 222

SWBD CABLE FROM
MINI-ROTL INTERFACE CKT

TABLE 1A,1B & 1E ONLY

TBUA — TBUA — TO CAD 36
TBTA — TBTA
TBT — TBT
T9 — T9
T0 — T0 — TO FIG 56 OR CAD 6
TO MINI-ROTL INTERFACE CKT — S9 — S9
S0 — S0
RVER — RVER — TO CAD 174
RTP — RTP
ROTL — ROTL — TO FIG 60 OR CAD 111
TO MASTER TEST CONTROL CKT — PR — PR — TO CAD 174
MTC7 — MTC7
MTC6 — MTC6
MTC5 — MTC5
MTC4 — MTC4 — TO FIG 53 OR 55 OR CAD 3
MTC3 — MTC3
MTC2 — MTC2
TO MINI-ROTL INTERFACE CKT — MTC1 — MTC1
MTC0 — MTC0
MT5 — MT5
HN9 — HN9 — TO FIG 58 OR CAD 6
HN0 — HN0
ATKT — ATKT — TO FIG 60 OR CAD 111
TO MASTER TEST CONTROL CKT — ATTP — ATTP — TO CAD 174

CAD 223

(FOR APP FIG 60)
(TABLE ID)

	54	54
XVF	53	53
XET	52	52
XVG	51	51
XTL	50	50
FUA4	44	44
FUA0	40	40
EVG	34	34
OVG	33	33
EF	32	32
TO OTTIC CKT — OF	31	31 — (V0)REL (STRAP WIRE MULT THRU ALL (V0-)RELAYS)
	30	30
	24	24
	20	20
VF4	14	14
VF0	10	10
HG7	04	04
HG0	00	00

TS(V0)
ON MTC REL
UNIT FOR CDT

TVT	54	54
SC	53	53
	52	52
	51	51
	50	50
	44	44
	43	43
	42	42
	41	41
VGA5	40	40
VGA4	34	34
TO OTTIC CKT — VGA0	30	30 — (V1)REL (STRAP WIRE MULT THRU ALL (V1-)RELAYS)
	24	24
TGR	23	23
	22	22
GC	21	21
	20	20
2TR	14	14
1TR	13	13
	12	12
	11	11
TNK	10	10
TPT	04	04
RPT	03	03
	02	02
	01	01
	00	00

TS(V1)
ON MTC REL
UNIT FOR CDT

PART OF CAD 224

(FOR APP FIG 61)
(TABLE ID)

F7	54	54
F0	50	50
E7	44	44
E0	40	40
D7	34	34
TO OTTIC CKT — D0	30	30 — (V2)REL (STRAP WIRE MULT THRU ALL (V2-)RELAYS)
C7	24	24
C0	20	20
B7	14	14
B0	10	10
A7	04	04
A0	00	00

TS(V2)
ON MTC REL
UNIT FOR CDT

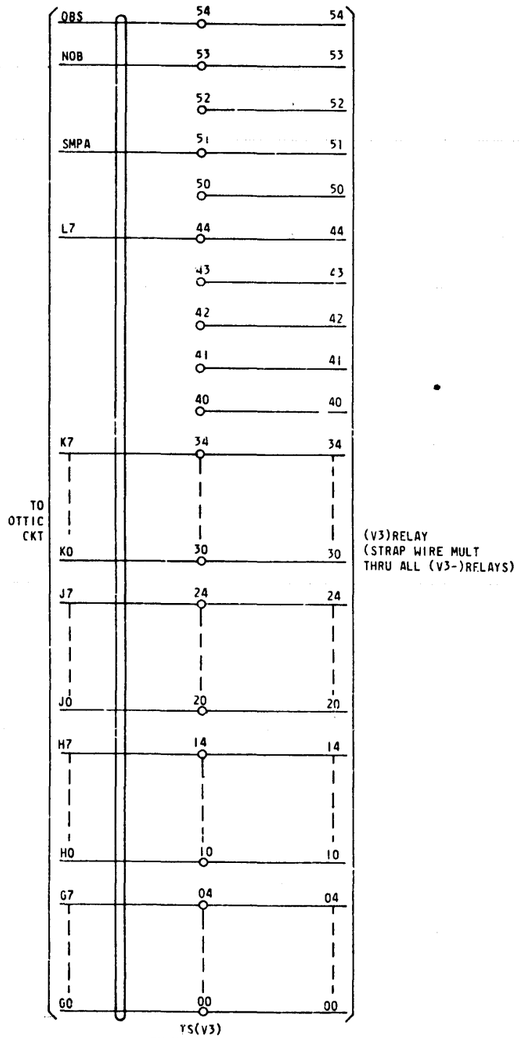
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
65	99A

BELL LABORATORIES — SD-25805-01 — 6155

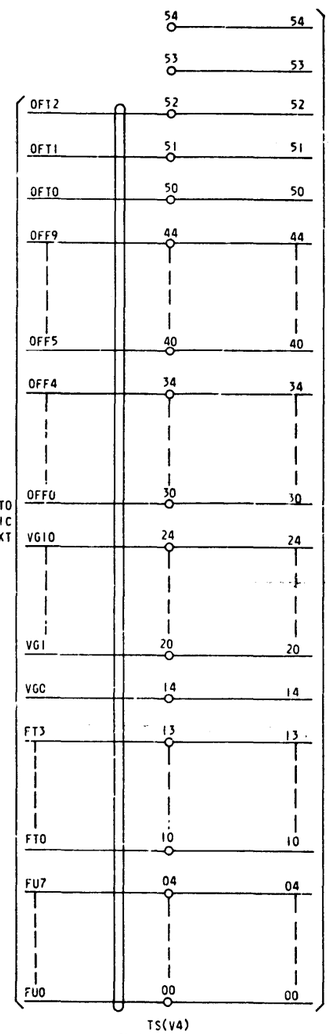
PART OF CAD 224

(FOR APP FIG 61)
(TABLE ID)



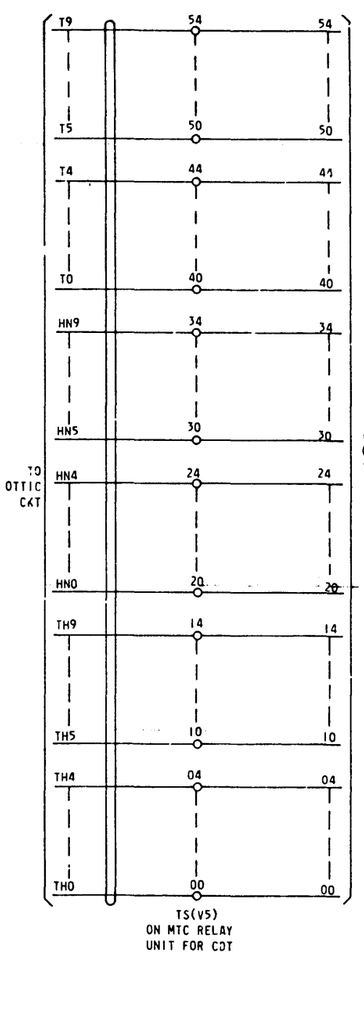
(V3)RELAY
(STRAP WIRE MULT
THRU ALL (V3-)RELAYS)

YS(V3)
ON MTC RELAY
UNIT FOR CDT



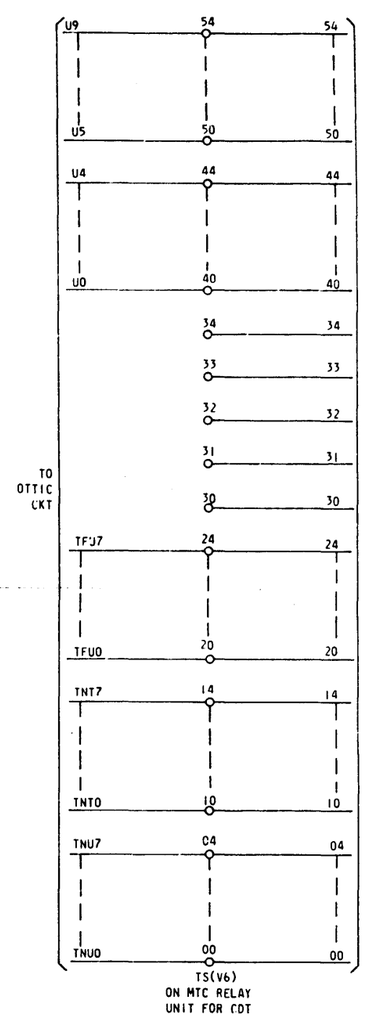
(V4)
(STRAP WIRE MULT
THRU ALL (V4-)RELAYS)

TS(V4)
ON MTC RELAY
UNIT FOR CDT



(V5)RELAY
(STRAP WIRE MULT
THRU (V5-)RELAYS)

TS(V5)
ON MTC RELAY
UNIT FOR CDT



(V6)RELAY
(STRAP WIRE MULT
THRU (V6-)RELAYS)

TS(V6)
ON MTC RELAY
UNIT FOR CDT

MASTER TEST FRAME CONNECTOR CKT

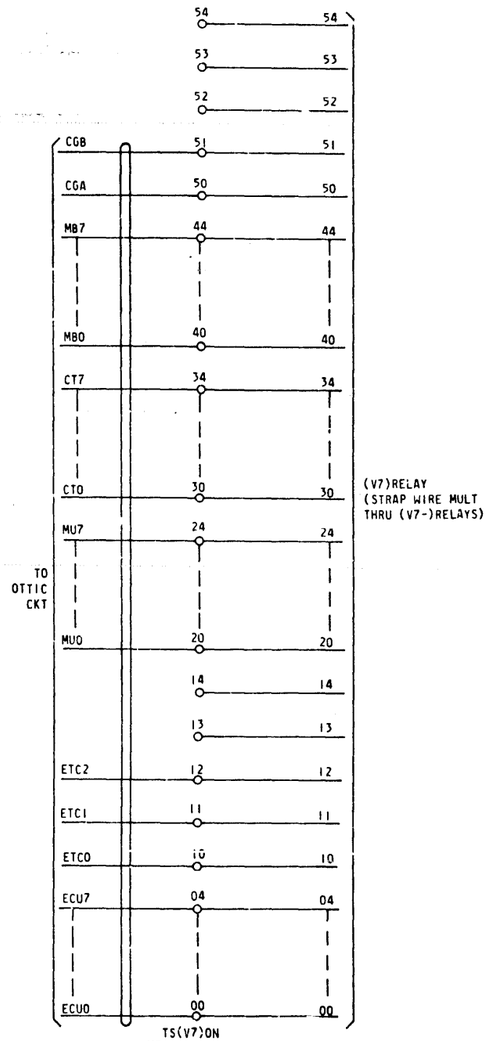
DWG SIZE	ISSUE
6S	97A

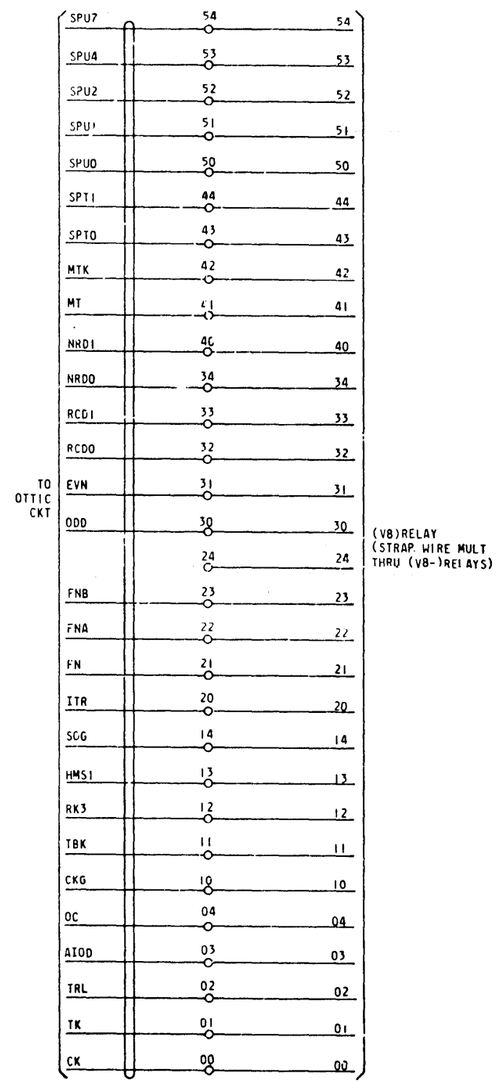
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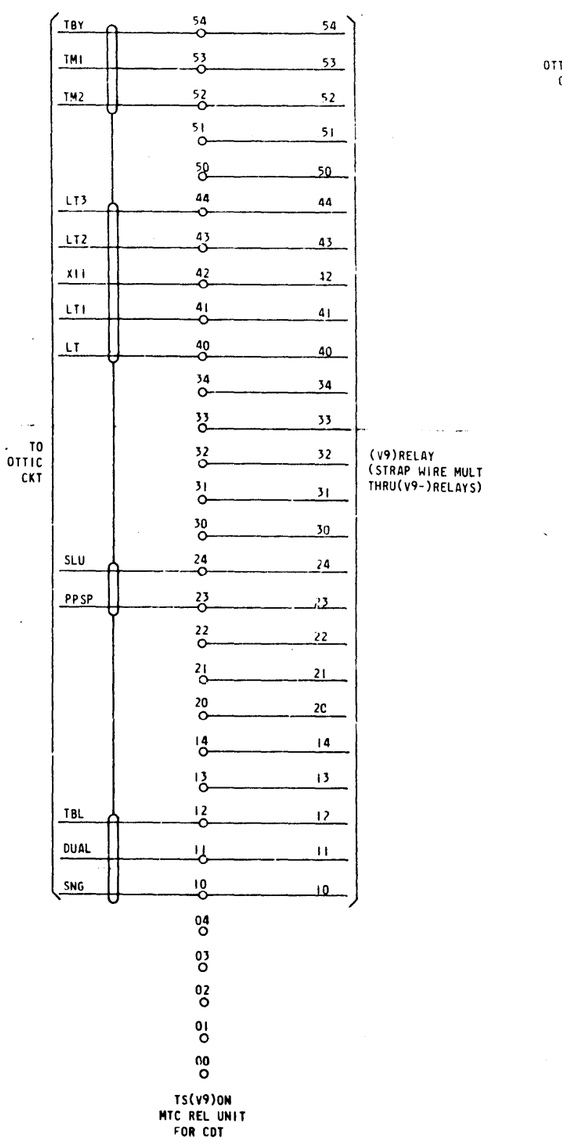
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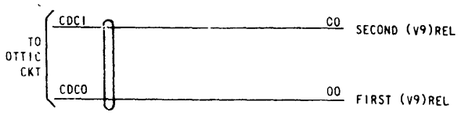
PART OF CAD 224

(FOR APP FIG 61)
(TABLE ID)









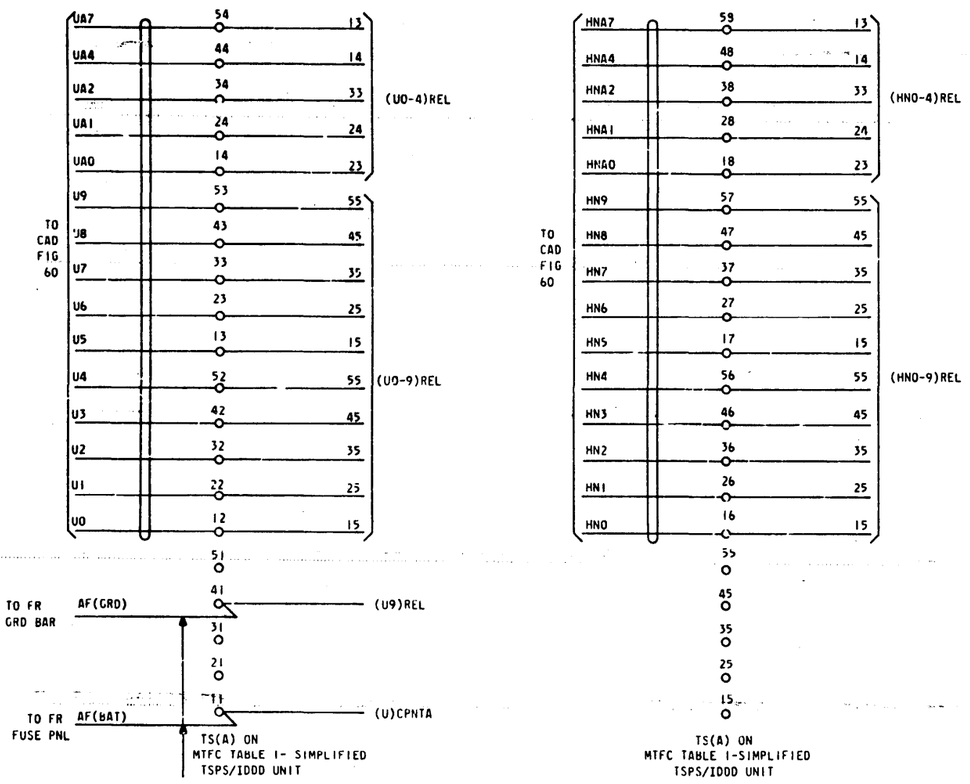
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	97A

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CAD 225

(FOR APP FIG 65)



MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 100B
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