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		A3	A4	98	99	100	101	102																			
		A4	A5	98	99	100	101	102																			
		A5	A6	98	99	100	101	102																			
		A6	A7	98	99	100	101	102																			
	RESERVED		A8																								
		A7	A9	98	99	100	101	102																			
		A8	A10	98	99	100	101	102																			
		A9	A11	98	99	100	101	102																			
		A10	A12	98	99	100	101	102																			
		A11	A13	98	99	100	101	102																			
APPARATUS INDEX	A12	A14	98	99	100	100	102																				
	A13	A15	98	99	100	100	102																				
INDEX OF CONNECTING CIRCUITS	A14	A16	98	99	99	99	99																				
LEAD INDEX FOR TABLE I	A15	A17	98	98	100	100	102																				
	A16	A18	98	98	100	100	102																				
	A17	A19	98	98	98	101	101																				
	A18	A20	98	98	98	98	98																				
	A19	A21	98	98	100	100	102																				
	A20	A22	98	98	98	98	98																				
	A21	A23	98	98	100	101	101																				
	A22	A24	98	98	98	98	98																				
	A24	A25	98	99	99	99	99																				
TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE I	A22	A26	98	98	100	101	102																				
	A23																										
	A24	A27	98	98	98	98	98																				

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	ED-26107-01	J65M ONLY
SUPL MASTER TEST CONNECTOR FR	ED-26108-01	
AUX MASTER TEST CONNECTOR FR	ED-26109-01	
MASTER TEST CONN FR FOR DIAL TONE MARKERS	ED-26605-01	
SUPL AUX MASTER TEST CONNECTOR FR	J28153H	
PRETRANSLATOR FR	J28756A	
MASTER TEST CONNECTOR FR	J28153E	
AUX MASTER TEST CONNECTOR FR	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	J28153, J27856 J28153AK	

DWG ISS	CD ISSUE	ISS	ISSUE	ISS	ISSUE
1	1	2A	1 APP 1A	3AR	1 APP 2AR
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
29B	9D APP 4B	29D	9D APP 5D	30AR	9D APP 6AR
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
75A	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	15D APP 27B	90B	15D 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	APPR
98B	15B APP 6B	1-20-81	CDI SGR LG
99A	15B APP 7A	1-20-81	CDI SGR LG
100B	15B APP 8B	11-11-81	CDI TLS STA
101A	15B APP 9A	11-11-81	CDI TLS STA
102A	15B APP 10A	5/29/82	PEN OEM PVS

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

REPLACED BY SD-27718-01

3C02

CROSS6A SYSTEMS

NO. 5
MASTER TEST FRAME CONNECTOR CKT

(MTC)

MFR DISC

DWG SIZE 6S

ISSUE 102A

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

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LEAD INDEX FOR TABLE ID		A74	98	98	98	98	98																				
INDEX OF CONNECTING CIRCUITS		A75	98	99	99	99	99																				
LEAD INDEX FOR TABLE IE		A76	98	98	98	98	98																				
		A77	98	98	98	98	98																				
		A78	98	98	98	98	98																				
		A79	98	98	98	98	98																				
		A80	98	98	98	98	98																				
		A81	98	98	98	98	98																				
		A82	98	98	98	98	98																				
		A83	98	98	98	98	98																				
		A84	98	98	98	98	98																				
		A85	98	99	99	99	99																				
		A86	98	98	98	98	98																				
		A87	98	98	98	98	98																				
		A88	98	98	98	98	98																				
		A89	98	98	98	98	98																				
TROUBLE RECORD PUNCH DESIGNATION INDEX FOR TABLE IE		A90	98	98	98	98	98																				
		A91	98	98	98	98	98																				
		A92	98	98	98	98	98																				
		A93	98	98	98	98	98																				
OPTION INDEX	A25	A94	98	98	100	101	102																				
	A26	A95	98	98	100	101	102																				
		A96	98	98	100	100	100																				
	A27	A97	98	98	98	98	98																				
	A28	A98	98	98	98	98	98																				
	A29	A99	98	99	99	101	101																				

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FS 1 PREFERENCE	TRANSVERTER & SIMULATED TRANSVERTER	B1A*	96	96	96	96	96	96	96																		
	AMA RECORDERS, MASTER TIMER, LINE INSULATION TEST	B1B	96	97	97	97	97	97	97																		
	PRETRANSLATORS	B1C	92	92	92	92	92	92	92																		
	MARKERS	B1D	91	91	98	98	98	98	98																		
	TEST CIRCUITS	B1E	96	96	96	99	99	99	99																		
	LINE CONCENTRATORS, MASTER TEST CONTROL, AUTOMATIC MONITOR	B1F	96	96	96	96	96	96	96																		
FS 2 CONNECTOR OFF-NORMAL & TROUBLE RECORD COMPLETED		B2	96	97	97	97	97	101	101																		
FS 3 TROUBLE RECORDER START		B3	96	97	98	98	98	98	98																		
FS 4 AUXILIARY TEST PREFERENCE		B4	96	96	96	96	96	96	96																		
FS 5 TEST START		B5	96	97	97	97	97	97	97																		
FS 6 BUSY TEST, TEST START & TROUBLE INDICATOR		B6	96	97	98	98	100	100	100																		
FS 7 MARKER SELECTION		B7	96	96	96	96	96	96	96																		
FS 8 TRANSVERTER SELECTION		B8	89	89	89	89	89	89	89																		
FS 9 TRANSVERTER CONTROL FS 10 PRETRANSLATOR SELECTION FS 11 PRETRANSLATOR CONTROL		B9	98	97	98	98	98	98	98																		
FS 12 LINE LINK/TRUNK LINK LT/TT, TRA AND TST RELAY OPERATION		B10	95	95	95	95	95	101	101																		
FS 13 MARKER/TRANSVERTER TEST,RCCK AND NUMBER GROUP CONNECTOR NUMBER		B11	96	97	97	97	97	97	97																		
FS 14 TROUBLE RECORDER BUSY OR OUT-OF-SERVICE		B12	96	96	96	96	96	96	96																		
		B13	96	96	96	96	96	101	101																		
		B14	79	79	79	79	79	79	79																		
FS 15 NO TEST CONNECTOR PREFERENCE		B15	79	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	99																		
FS 18 COMPLETING MARKER CONNECTOR		B16B	95	96	96	96	100	100	100																		
FS 19 DIAL TONE MARKER CONNECTOR		B17	96	96	96	96	96	96	96																		
FS 20 TRANSVERTER CONNECTOR FS 21 ANI TRANSVERTER CONNECTOR		B18	79	79	79	79	79	79	79																		
FS 22 AMA RECORDER AND MASTER TIMING CIRCUIT CONNECTOR		B19	88	88	88	88	88	88	88																		
FS 23 TROUBLE RECORDING SCANNING OPERATION		B20	96	96	96	96	96	96	102																		
FS 24 AMA RECORDER, MASTER TIMING AND TRANSVERTER CONTROL		B21	96	96	98	98	98	98	98																		
FS 25 XTL AND XTC PUNCH GENERATION		B22	96	96	96	96	96	96	96																		
FS 26 PRETRANSLATOR CONTROL		B23	75	75	75	75	75	75	75																		
FS 27 TRUNK CLASS EXPANSION ARET & MTR PUNCH		B24	96	96	98	98	98	98	98																		
FS 28 REPEATING RELAYS		B25	96	96	96	96	96	96	96																		
FS 29 DISPLAY REGISTERED (NUMBER OF CIRCUITS CONNECTED TO TROUBLE RECORDER)		B26A*	96	96	96	96	96	96	96																		
FS 29A DISPLAY REGISTERED (NUMBER OF CIRCUITS CONNECTED TO TROUBLE RECORDER) (KR (DRTO,DRTI) AND EMG REC (DR,DRA) LEADS		B26B	96	96	96	96	96	96	96																		
FS 30 CONNECTOR OR NUMBER		B27	84	84	84	84	84	84	84																		
		B28	84	97	97	97	97	97	97																		
FS 31 CONVERSION FROM 1/12 TO 2/5		B29A*	96	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	96																		
FS 35 CONVERSION FROM 1/30 TO 2/5		B29C	96	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	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	102																		
FS 39 TURNOVER PUNCH GENERATION	B29F	96	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	97																		

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

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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 ONN TO 3NA	B30	98	99	100	101	100																				
	LEADS 4DG TO ARQ,1,2,4,7	B31	98	98	98	98	98																				
	LEADS ASP TO CHA	B32	98	99	99	99	102																				
	LEADS CHE TO CN3	B33	98	98	98	98	98																				
	LEADS CNO-2 TO D	B34	98	98	98	98	98																				
	LEADS D TO DTM-	B35	98	98	98	98	98																				
	LEADS DTN TO FGO	B36	98	98	98	98	98																				
	LEADS FGI TO FTCK	B37	98	98	98	98	98																				
	LEADS FTK1 TO H7	B38	98	98	98	101	101																				
	LEADS H'0,1,2,4,7 TO ITR	B39	98	98	100	100	102																				
	LEADS J0,1,2,4 TO LCK	B40	98	98	98	98	99																				
1	LEADS LDT TO M7	B41	98	98	100	100	102																				
	LEADS M'7 TO MPP	B42	98	98	100	100	102																				
	LEADS MPT TO NGCU6	B43	98	99	99	99	99																				
	LEADS NGCU7-9 TO OBST	B44	98	98	98	98	98																				
	LEADS OC1 TO P1	B45	98	98	100	100	100																				
	LEADS P5 TO PUL	B46	98	98	98	98	98																				
	LEADS RA TO RL	B47	98	98	98	98	98																				
	LEADS RLA TO RTOS	B48	98	98	98	98	98																				
	LEADS RTP TO SOG	B49	98	98	98	98	98																				
	LEADS SON TO TBH	B50	98	98	98	101	101																				
	LEADS TBI TO TKT	B51	98	98	98	98	98																				
	LEADS TLH TO TRA	B52	98	98	98	101	101																				
	LEADS TRB TO TS6-9	B53	98	98	98	98	98																				
	LEADS TS10-19 TO UTO,1,2,4,7	B54	98	98	98	98	98																				
	LEADS U0-9 TO XCH	B55	98	98	100	100	102																				
	LEADS XCK TO XSC	B56	98	98	98	98	98																				
	LEADS XSL TO XX	B57	98	98	98	98	98																				

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	(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	100																				
	LEADS ITR TO A'2	B59	B59	98	98	98	98	98																				
	LEADS A'4,7 TO BST	B60	B60	98	99	99	99	99																				
	LEADS BT TO CE'	B61A	B61	98	98	98	98	98																				
	LEADS CGA TO CKG	B61B	B62	98	98	98	98	98																				
	LEADS CKG1 TO CNO,1	B62	B63	98	98	98	98	98																				
	LEADS CN2-9 TO CSW	B63	B64	98	98	98	98	98																				
	LEADS CTO TO DAT	B64	B65	98	98	98	98	98																				
	LEADS DAT1 TO DTO,1,2,4,7	B65	B66	98	98	98	98	98																				
	LEADS DT4 TO F8X	B66	B67	98	98	98	98	98																				
	LEADS FC TO FS15-19	B67	B68	98	98	98	98	98																				
	LEADS FS20 TO FU'0,1,2,4,7	B68	B69	98	98	98	101	101																				
	LEADS FUTO,1,2,3/4 TO HO,1,2,4	B69	B70	98	98	98	98	98																				
	LEADS H7 TO HGT8	B70	B71	98	98	98	98	98																				
	LEADS HGT9 TO IT	B71	B72	98	98	98	98	98																				
	LEADS ITR TO JSQ0	B72	B73	98	98	98	98	98																				
	LEADS JSQ1-4 TO LC6	B73A	B74	98	98	98	98	98																				
1A	LEADS LC7 TO LK2	B73B	B75	98	98	98	98	98																				
	LEADS LK3 TO MAK1	B73C	B76	98	98	98	98	98																				
	LEADS MBO-2 TO MXT	B74	B77	98	98	98	98	98																				
	LEADS N7 TO NR	B75	B78	98	98	98	98	98																				
	LEADS NSI TO OS4	B76	B79	98	98	100	100	100																				
	LEADS OSC TO PCD1	B77	B80	98	98	98	98	98																				
	LEADS PCR TO RCT3	B78	B81	98	98	98	98	98																				
	LEADS RCT4 TO RK3	B79	B82	98	98	98	98	98																				
	LEADS RL TO RP	B80	B83	98	99	99	99	99																				
	LEADS RPO TO SO-14	B81	B84	98	98	98	98	98																				
	LEADS SAE TO SPC	B82	B85	98	98	98	98	98																				
	LEADS SPL TO TAN3	B83	B86	98	98	98	101	101																				
	LEADS TAN4 TO TCK	B84	B87	98	98	98	98	102																				
	LEADS TCK1 TO TH3	B85	B88	98	98	98	98	98																				
	LEADS THT2,3 TO TOP	B86	B89	98	98	98	98	98																				
	LEADS TOSO-4 TO TS16-19	B87	B90	98	98	98	101	101																				
	LEADS TSA TO U5-9	B88	B91	98	98	98	98	98																				
	LEADS UK TO VG'0,1,2,4,7	B89	B92	98	98	98	98	98																				
	LEADS VG'10 TO WT	B90	B92	98	98	98	101	101																				
	LEADS X11 TO XI	B91	B94	98	98	98	101	101																				
	LEADS XJC TO XPT	B92	B95	98	98	98	98	98																				
	LEADS XRL TO XTS1	B93	B96	98	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	100																				
	LEADS ITR TO A'1	B96	B98	98	98	98	98	98																				
	LEADS A'2 TO BY	B97	B99	98	99	99	99	99																				
	LEADS C TO CHA	B98	B100	98	98	98	98	98																				
		B99A																										
	LEADS CHE TO CN10-15	B99B	B101	98	98	98	98	98																				
		B100																										
		B101																										
	LEADS CN16-19 TO CU0,1,2	B102	B102	98	98	98	98	98																				
	LEADS CU4,7 TO DNC	B103	B103	98	98	98	98	98																				
	LEADS DNGA TO FABC	B104	B104	98	98	98	98	98																				
	LEADS FAC TO FS8,9	B105	B105	98	98	98	98	98																				
	LEADS FS10-19 TO FU'1,2,4	B106	B106	98	98	98	101	101																				
	LEADS FU'7 TO HO,1,2,4	B107	B107	98	98	98	98	98																				
	LEADS H7 TO HGT9	B110	B108	98	98	98	98	98																				
	LEADS HMA TO JC1	B111	B109	98	98	98	98	98																				
	LEADS JC2 TO LC0	B112A	B110	98	98	98	98	98																				
	LEADS LC1 TO LHMT	B112B	B111	98	98	98	98	98																				
	LEADS LI TO MB0-2	B113	B112	98	98	98	98	98																				
	LEADS MB4,7 TO N'7	B114	B113	98	98	98	98	98																				
	LEADS NAC TO NTV8	B115	B114	98	98	98	98	98																				
	LEADS OA TO OSG5	B116	B115	98	98	100	100	100																				
		B117																										
		B118A																										
	LEADS OSG6-9 TO PNR	B118B	B116	98	98	98	98	98																				
		B119																										
		B120																										
	LEADS POTS TO RF	B121	B117	98	98	98	98	98																				
	LEADS RG TO RNT2	B122	B118	98	98	98	98	98																				
	LEADS RNT'2 TO RSC	B123	B119	98	99	99	99	99																				
	LEADS RSK TO SF	B124	B120	98	98	98	98	98																				
		B125																										
	LEADS SG TO SXT	B126	B121	98	98	98	101	101																				
	LEADS T0-4 TO TB0		B122	98	98	98	98	98																				
	LEADS TB1,2 TO TDCT	B127	B123	98	98	98	98	98																				
	LEADS TER TO THC	B128	B124	98	98	98	98	98																				
	LEADS THGT0-4 TO TOK	B129	B125	98	98	98	98	98																				
	LEADS TOL TO TS6-9	B130	B126	98	98	98	101	101																				
	LEADS TS10-12 TO TVGT12,13	B131	B127	98	98	98	98	98																				
	LEADS TVT TO VFT4	B132	B128	98	98	98	98	98																				
	LEADS VG0,1 TO VGT7	B133	B129	98	98	98	98	98																				
	LEADS VGT8 TO XCP		B130	98	98	98	98	98																				
	LEADS XCR TO XJG		B131	98	98	98	98	98																				
	LEADS XJS TO XMRL	B134	B132	98	98	98	98	98																				
	LEADS XN TO XTB		B133	98	98	98	98	98																				
	LEADS XTB1 TO XVGA	B135	B134	98	98	98	98	98																				
1D	(FOR OFFICES WITH OFFICE TEST FR TROUBLE INDICATOR AND CONNECTOR CKT), LEGEND, LEADS ITR TO GC	B136	B135	98	98	98	98	98																				
	LEADS H0,1,2,4 TO TBK	B137A	B136	98	98	98	98	98																				
	LEADS TBL TO XX	B137B	B137	98	98	98	98	98																				

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1E	(FOR DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM), LEGEND, NOTES 1-5	B138	B138	98	99	100	100	100																				
	LEADS ONN TO A0,1,2,4,7	B139	B139	98	98	98	98	98																				
	LEADS A'0 TO B0,1,2,4,7	B140	B140	98	99	99	99	99																				
	LEADS B'0,1,2,4,7 TO CD7	B141	B141	98	98	98	98	98																				
		B142																										
	LEADS CDN TO CKR	B143	B142	98	98	98	98	98																				
	LEADS CKR1 TO CN0,1,2,4,7	B144	B143	98	98	98	98	98																				
	LEADS CNR TO CSG2	B145	B144	98	98	98	98	98																				
	LEADS CSW TO CWCN	B146	B145	98	98	98	98	98																				
	LEADS CWF TO DR0-9		B146	98	98	98	98	98																				
	LEADS DRC TO F	B147	B147	98	98	98	98	98																				
		B148																										
	LEADS F0,1,2,4,7 TO FR1-4	B149	B148	98	98	98	98	98																				
	LEADS FS0-2 TO FTK1	B150	B149	98	98	98	101	101																				
	LEADS FTT0 TO GTL	B151	B150	98	98	98	98	98																				
	LEADS H0,1,2,4 TO HN5-9	B152	B151	98	98	98	98	98																				
	LEADS HN0,1,2,4,7 TO JCK	B153	B152	98	98	98	98	98																				
	LEADS JG0 TO LC7	B154	B153	98	98	98	98	98																				
	LEADS LC0-9 TO LLP	B155	B154	98	98	98	98	98																				
	LEADS LNP TO M	B156	B155	98	98	98	98	98																				
	LEADS M0,1,2,4 TO MT7	B157	B156	98	98	98	98	98																				
	LEADS MT8K TO NN	B158	B157	98	98	98	98	98																				
	LEADS NOB TO OPR	B159	B158	98	98	98	98	98																				
	LEADS OR TO P6,7	B160	B159	98	98	100	100	100																				
	LEADS P8 TO POTS	B161	B160	98	98	98	98	98																				
	LEADS PR TO RE	B162	B161	98	98	98	98	98																				
	LEADS RE1 TO R0'	B163	B162	98	98	98	98	98																				
	LEADS R01 TO RST24-29	B164	B163	98	99	98	98	98																				
	LEADS RSW TO SEF		B164	98	98	98	98	98																				
	LEADS SF TO SXT	B165	B165	98	98	98	101	101																				
	LEADS T TO TBL	B166	B166	98	98	98	98	98																				
	LEADS TBS0 TO TG5	B167	B167	98	98	98	98	98																				
	LEADS TG6-9 TO TLR24	B168	B168	98	98	98	98	98																				
	LEADS TLT TO TRT	B169	B169	98	98	98	101	101																				
	LEADS TS0-3 TO TTG0	B170	B170	98	98	98	98	98																				
	LEADS TTG1 TO VFT2	B171	B171	98	98	98	98	98																				
	LEADS VFT3 TO WB0	B172	B172	98	98	98	98	98																				
	LEADS WB1 TO WSL	B173	B173	98	98	98	98	98																				
	LEADS X11 TO XHM	B174	B174	98	98	98	98	98																				
	LEADS XI TO XRL	B175	B175	98	98	98	98	98																				
	LEADS XRS TO XX	B176	B176	98	98	98	98	98																				
		B177																										

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APP FIG 1	C1	C1	98	98	98	98	98																				
APP FIG 2,3,4,5,6,7	C2	C2	98	99	99	99	99																				
	C3																										
APP FIG 8	C4	C3	98	98	98	98	98																				
	C5	C4	98	98	98	98	98																				
	C6	C5	98	98	98	98	98																				
APP FIG 9	C7	C6	98	98	98	98	98																				
	C8	C7	98	98	98	98	98																				
APP FIG 10	C9	C8	98	98	98	98	98																				
	C10	C9	98	98	98	98	98																				
APP FIG 11,12,13	C11	C10	98	98	98	98	98																				
APP FIG 14,15,16,17,18,19,20,21	C12	C11	98	98	98	98	98																				
	C13																										
APP FIG 22,23,24,25	C14	C12	98	98	98	98	98																				
	C15																										
APP FIG 26	C16	C13	98	98	98	98	98																				
APP FIG 27	C17	C14	98	98	98	98	98																				
APP FIG 28	C18	C15	98	98	98	98	98																				
APP FIG 29,30,31,32,33,34	C19	C16	98	98	98	98	98																				
	C20																										
APP FIG 35,36	C21	C17	98	98	98	98	98																				
	C22																										
APP FIG 37	C23	C18	98	98	98	98	98																				
APP FIG 38,39,40,41,42,43,44,45	C24	C19	98	98	98	98	98																				
	C25																										
APP FIG 46,47,48,49,52	C26	C20	98	98	98	98	98																				
	C27																										
APP FIG 53,54	C28	C21	98	98	98	98	98																				
APP FIG 55,56,57	C29	C22	98	98	100	100	102																				
	C30																										
APP FIG 58,59,60	C31	C23	98	98	98	98	98																				
APP FIG 61	C32	C24	98	98	98	98	98																				
APP FIG 62,63	C33	C25	98	98	98	98	98																				
APP FIG 64,66		C26	98	98	100	100	102																				
RESERVED		C27																									
		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	98																				
	C35	C33	98	98	98	98	98																				
	C36	C34	98	98	98	98	98																				
APP FIG 151	C37	C35	98	98	98	98	98																				
	C38	C36	98	98	98	98	98																				
APP FIG 152	C39	C37	98	98	98	98	98																				
	C40	C38	98	98	98	98	98																				
	C41	C39	98	98	98	98	98																				
	C42	C40	98	98	98	98	98																				
	C43	C41	98	98	98	98	98																				
	C44	C42	98	98	98	98	98																				
APP FIG 153	C45	C43	98	98	98	98	98																				
APP FIG 154,155	C46	C44	98	98	98	98	98																				
	C47																										
APP FIG 156,157,158	C48	C45	98	98	98	98	98																				
	C49																										
	C50																										
APP FIG 159,160	C51	C46	98	98	98	98	98																				
APP FIG 161,162	C52	C47	98	98	98	101	101																				
	C53																										
APP FIG 163,164	C54	C48	98	98	98	98	98																				
APP FIG 165,166,167,168	C55	C49	98	98	98	98	98																				
	C56																										
APP FIG 169,170,171,172	C57	C50	98	98	98	98	98																				
APP FIG 173,174	C58	C51	98	98	98	98	98																				
APP FIG 175,176,177	C59	C52	98	98	98	98	98																				
APP FIG 178	C60	C53	98	98	98	98	98																				
APP FIG 179	C61	C54	98	98	98	98	98																				
APP FIG 181,182,183,184,185,186	C62	C55	98	98	98	98	98																				
APP FIG 187,188	C63	C56	98	98	98	98	98																				
	C64																										
APP FIG 189,190,191,192,193,194,195, 197,198,199	C65	C57	98	99	99	101	101																				
	C66																										
	C67																										
	C68																										

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	CIRCUIT NOTES	101	D1A	D1	98	98	100	100	102																				
		101A																											
		101B	D1B	D2	98	98	98	98	98																				
		101C	D1C	D3	98	98	98	98	98																				
		102	D2	D4	98	98	98	101	101																				
			D3A	D5	98	99	100	101	102																				
		RESERVED		D6																									
		103	D3B	D7	98	98	98	98	98																				
			D4A	D8	98	98	98	98	98																				
		104	D4B	D9	98	99	100	101	102																				
		105-144	D6	D10	98	98	98	98	98																				
		146	D7A	D11	98	99	99	101	101																				
		147-199	D7B	D12	98	99	99	99	99																				
		1100-1152	D8A	D13	98	99	99	99	99																				
		1153-1181	D8B	D14	98	98	98	98	98																				
		1182 TO END	D8C	D15	98	99	100	101	101																				
	RESERVED			D16																									
	EQUIPMENT NOTES	201 TO END	D8D	D17	98	98	98	98	98																				
	INFORMATION NOTES	301	D9A	D18	98	98	98	98	98																				
		302-305	D9B	D19	98	98	98	98	98																				
		1301	D9C	D20	98	98	100	100	102																				
		1302	D9D	D21	98	98	98	98	98																				
		1303	D9E	D22	98	98	98	98	98																				
2		IN FIG 8	D10	D23	98	98	98	98	98																				
2A		IN FIG 150	D11	D24	98	98	98	98	98																				
2B		IN FIG 8	D12	D25	98	98	98	98	98																				
2C		IN FIG 163																											
2D		IN FIG 164																											
2E		IN FIG 178																											
2F		IN FIG 150																											
3		IN FIG 9																											
3A		IN FIG 151	D13	D26	98	98	98	98	98																				
3B		IN FIG 9																											
3C		IN FIG 176																											
4		IN FIG 10	D14	D27	98	98	98	98	98																				
			D15	D28	98	98	98	98	98																				
4B	ADDITIONAL CROSS CONNECTIONS		D16	D29	98	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	98																				
			D18	D31	98	98	98	98	98																				
4F	"A&M ONLY" AND "MFR DISC" CROSS CONNECTING AND TROUBLE RECORDER PUNCH DESIGNATIONS		D19	D32	98	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	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	98																				
			D20C	D35	98	98	98	98	96																				
			D20D	D36	98	98	98	98	96																				
			D20E	D37	98	98	98	99	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	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	D20F	D38	98	98	98	98	98																				
5C		IN FIG 155																											
5D		IN FIG 158																											
5E		IN FIG 161																											
5F		IN FIG 55	D21	D39	98	98	98	98	98																				
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	98																				
51A	OPTIONAL CONNECTIONS FOR TABLE I		D23	D41	98	98	98	98	98																				
			D24	D42	98	98	98	98	98																				
51B	OPTIONAL CONNECTIONS FOR TABLE 51A		D25	D43	98	98	98	98	98																				
51C	RECORD OF CONNECTIONS FOR TABLE 51A																												
76A	DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS	FOR TABLE I																											
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	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	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	98																				
FIG 201	MAJOR GROUPS OF CONNECTING LEADS MASTER TEST FRAME CONNECTOR CKT		D28	D47	98	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	98																				

MASTER TEST FRAME CONNECTOR CKT

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	CKT REQT TABLES RELAYS	A0 TO C03,4,5	F1A	F1	84	84	84	84	84	84	84	84	98	98	98	98	102												
		C3,4 TO DRAO -9	F1B	F2	84	84	84	84	84	84	84	84	98	98	98	98	98												
		E0 TO PTT	F2	F3	85	85	85	85	85	95	96	96	98	98	100	100	102												
		R0 TO S14	F3	F4	77	77	77	77	77	77	96	96	98	98	98	98	98												
		SA0 TO TVP1	F4	F5	79	79	79	79	79	79	96	96	98	98	98	98	98												
		TVT TO END	F5	F6	79	79	79	79	79	79	96	96	98	98	100	100	102												
	LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES			G1A*	89	89	89	89	89	89	89	89	89	89	89	89	89												
51	FIG. 1 & 43			G1B	89	89	89	89	89	94	94	96	97	98	98	100	100	100											
52	FIG. 2,43,44,46,47, & 167			G2A*	85	85	85	85	85	85	96	96	96	96	96	101	101												
53	FIG. 3,4,5, & 6			G2B	84	91	91	91	91	91	96	96	98	99	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	100												
58	FIG. 8			G4	86	86	86	86	86	86	86	97	97	97	97	97	97												
59	FIG. 8			G5A	89	91	91	93	93	93	96	97	97	97	97	101	101												
				G5B	89	89	92	92	94	95	96	96	98	98	98	98	98												
				G5C	89	91	91	91	91	91	96	96	96	96	96	96	96												
				G5D	89	89	89	89	89	89	96	96	96	96	96	96	96												
				G5E	90	91	91	91	91	91	96	97	97	97	97	97	97												
				G5F	90	90	90	90	90	90	96	97	97	97	100	100	100												
				G5G	85	85	85	85	85	85	96	96	96	96	96	96	96												
				G5H	89	89	89	89	89	89	96	97	97	97	97	101	101												
				G6A	89	91	91	91	91	91	91	97	97	97	97	97	97												
		TABLE 59A		G6B	89	89	89	89	89	89	96	96	98	98	98	98	98												
				G6C	89	89	92	92	94	95	96	97	97	97	97	97	97												
				G6D	89	89	89	89	89	89	96	96	96	96	96	96	96												
				G6E	81	91	91	91	91	91	96	96	96	96	96	101	101												
60	CABLING DIAGRAMS FOR	FIG. 10 & 35		G7	89	89	89	89	89	89	96	97	97	99	99	99	99												
				G8	80	80	80	80	80	80	96	97	97	97	97	97	97												
				G9	85	85	85	85	85	85	96	96	96	96	100	100	102												
				G10A*	87	87	87	87	87	95	96	97	97	97	97	97	97												
				G10B	90	90	90	93	93	93	96	96	96	96	100	100	102												
				G11	87	87	87	87	87	87	87	87	87	87	100	100	102												
				G12	86	86	86	86	86	95	96	96	96	96	96	96	96												
				G13	90	90	90	90	90	90	90	90	90	90	100	100	100												
				G14	79	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	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	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	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	97												
70		FIG. 28 & 30		G19	79	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	79												
70A,B		FIG. 28																											

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

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		FIG. 28	G20B	79	79	79	79	79	79	79	79	79	79	79	79													
72		FIG. 29	G21	88	88	88	88	88	95	95	95	95	95	100	100	100												
73		FIG. 1 & 6																										
74		FIG. 6	G22A*	88	88	88	88	88	88	96	96	96	96	100	100	100												
76		FIG. 26 & 158	G22B							96	96	96	96	96	96	96												
			G23	88	91	91	93	93	93	96	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	96												
81 82		FIG. 35 FIG. 36	G25A*	89	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	89												
82C		FIG. 32-34,36,37,191,192, & 193	G25C	87	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	89												
83A			G26B	87	87	87	87	87	87	87	87	87	87	87	87	87												
84		FIG. 38	G27	81	81	81	93	93	93	93	93	93	93	93	93	93												
85		FIG. 9																										
86		FIG. 9	G28	89	89	89	93	94	94	96	96	96	96	96	96	96												
87		FIG. 4 OR 5,6, & 41																										
88		FIG. 2,4,6,31,41, & 43																										
89	CABLING DIAGRAMS FOR	FIG. 10	G29	81	81	81	93	93	93	96	96	96	96	96	96	96												
90		FIG. 9																										
91 92 93 94		FIG. 10 FIG. 7,39, & 40 FIG. 181 & 182 FIG. 183 & 184	G30A*	81	91	91	91	91	91	91	91	91	91	91	91	91												
95		FIG. 51,59,60,182, & 186	G30B	86	91	91	91	91	91	91	91	91	91	91	91	91												
96		FIG. 59 & 60																										
97		FIG. 197																										
98		FIG. 197																										
99		FIG. 16,17, & 24	G30C	84	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	88												
101		FIG. 26 & 158	G30E	87	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	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	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	97												
107		APP FIG 1, II OPTION																										

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

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1 2	FOR FIG. 1 FOR FIG. 2,7,39,43,44,46,47, & 167	G31	90	90	90	90	94	94	94	97	98	98	98	101	101												
3	FOR FIG. 3,4,6, & 186	G32	89	89	89	89	89	89	89	98	99	99	99	99													
4 5	FOR FIG. 11,12,42,45, & 157 FOR FIG. 35 & 40	G33A*	89	91	91	91	94	94	94	97	97	97	97	97	97												
6	FOR FIG. 150, CONTACT SIDE	G33B							97	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	101												
		G34B	89	89	89	89	89	89	96	96	96	96	96	96	96												
		G35A*	90	90	92	92	94	94	96	97	98	98	98	98	98												
		G35B	89	91	91	91	91	91	96	96	96	96	96	96	96												
		G36A*	90	91	91	91	91	91	96	97	97	97	97	101	101												
		G36B	90	90	90	90	90	90	96	97	97	97	100	100	100												
		G36C							96	96	96	96	96	96	96												
		G37A*	90	90	90	90	90	90	96	97	97	97	97	97	97												
		G37B	90	90	90	90	90	90	96	96	98	98	98	101	101												
		G38A*	90	90	92	92	94	94	96	96	96	96	96	96	96												
		G38B							96	97	97	97	97	97	97												
		G39A*	90	91	91	91	91	91	96	97	97	97	97	101	101												
		G39B	90	91	91	91	91	91	91	91	91	91	91	91	91												
8 9 10	FOR FIG. 152, CONTACT SIDE FOR FIG. 152, STRAP WIRE SIDE FOR FIG. 4,5, & 41	G40	70	91	91	91	91	91	91	91	91	91	91	91	91												
11	FOR FIG. 151, CONTACT SIDE	G41	71	71	71	71	71	71	96	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	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	97												
		G44	79	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	80												
15	FOR FIG. 19,20,21, & 25	G46	89	91	91	91	91	91	96	97	97	97	97	97	97												
16 17	FOR FIG. 153, CONTACT SIDE FOR FIG. 153, STRAP WIRE SIDE	G47	90	90	90	90	90	90	90	97	97	97	97	97	97												
18 19	FOR FIG. 154, CONTACT SIDE FOR FIG. 154, STRAP WIRE SIDE	G48A*	90	90	90	90	90	90	96	97	97	97	97	97	97												
		G48B							96	96	96	96	96	96	96												
20 21	FOR FIG. 155,CONTACT SIDE FOR FIG. 155, STRAP WIRE SIDE	G49	90	90	90	90	90	90	96	96	96	96	96	96	96												
22	FOR FIG. 156, STRAP WIRE SIDE																										
23 24 25	FOR FIG. 156, CONTACT SIDE FOR FIG. 11 (JCO-9, EF, & FR RELAYS ONLY), 12, 42, & 45 FOR FIG. 11,22,29, & 157	G50	90	90	90	90	90	90	90	90	90	90	90	90	90												
26	FOR FIG. 16,17, & 24	G51	79	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	97												
28 29	FOR FIG. 48 & 49 LEADS TO TS(C), (E), & (G) REQUIRED ON SUPL AUX MTC ONLY	G53	89	91	91	91	91	91	96	97	97	97	97	97	97												
30	FOR FIG. 159,160,162, & 168	G54	87	87	87	87	87	87	96	97	97	97	97	101	101												
31	FOR FIG. 161, CONTACT SIDE	G55	88	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	96												
33 34	FOR FIG. 163, CONTACT SIDE FOR FIG. 163, STRAP WIRE SIDE	G57	77	77	77	77	77	77	77	77	77	77	77	77	77												
35 36 37	FOR FIG. 164, STRAP WIRE SIDE FOR FIG. 164, CONTACT SIDE FOR FIG. 157,165, & 166	G58	90	91	91	91	91	91	91	97	97	97	97	97	97												
38 39	FOR FIG. 163, CONTACT SIDE FOR FIG. 163, STRAP WIRE SIDE	G59	81	81	81	81	81	81	96	96	96	96	96	96	96												
40 41	FOR FIG. 178, STRAP WIRE SIDE FOR FIG. 178, CONTACT SIDE	G60	75	75	75	75	75	75	75	75	75	75	75	75	75												
42	FOR FIG. 175,177, & 179	G61	85	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	75												
44	FOR FIG. 169,172,173, & 174	G63	77	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	77												
45 46 47	FOR FIG. 179 FOR FIG. 150 FOR FIG. 185	G65	77	77	92	92	92	92	92	92	92	92	92	92	92												
48 49	FOH FIG. 182 & 186 FOR FIG. 179	G66	89	89	92	92	92	92	92	92	92	92	92	92	92												
50	FOR FIG. 16,17,22,24, & 29	G67	77	77	77	77	77	77	77	77	77	77	77	77	77												
51 52	FOR FIG. 199 FOR FIG. 50 & 51	G68	85	85	85	85	85	85	96	96	96	96	96	96	96												
53 54	FOR FIG. 50 & 51 FOR FIG. 153 & 155	G69A*	90	90	90	90	90	90	96	96	96	96	96	96	96												
55 56	FOR FIG. 153 FOR FIG. 154	G69B	90	90	90	90	90	90	90	90	90	90	90	90	90												
57	FOR FIG. 55 & 154	G67C	90	90	90	90	90	90	90	90	90	90	90	90	90												

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

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-A10

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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	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	94												
102		PRETRANSLATOR FR	G72	89	89	89	89	94	94	96	96	98	98	98	98	98												
103		MASTER TEST CONTROL FR	G73A*	77	77	92	92	92	95	95	97	97	97	100	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	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	96												
108		LINE INSULATION TEST FR	G75A*	87	91	91	93	93	93	93	93	93	93	100	100	100												
109		CROSS CONN TERM. STRIPS FOR MARKERS AND TRANSVERTERS	G75B	90	91	91	91	91	91	96	96	96	96	96	96	96												
			G75C	90	91	91	91	91	95	96	96	96	96	96	96	96												
			G76A*	90	90	90	90	90	90	96	96	96	96	96	96	96												
			G76B	90	90	90	90	90	90	96	96	96	96	96	96	96												
			G76C	90	90	92	92	92	92	96	96	96	96	96	96	96												
			G76D	90	90	92	92	92	92	96	96	96	96	96	96	96												
			G76E	86	86	92	92	92	92	92	92	92	92	92	92	92												
			G76F	90	90	90	90	90	90	96	96	96	96	96	96	96												
			G76G	90	90	90	90	90	90	96	97	97	97	97	101	101												
			G76H	90	90	90	90	90	95	96	96	96	96	96	96	96												
			G76I	90	90	90	90	90	90	96	96	96	96	96	96	96												
			G77A*	90	90	90	90	90	90	96	96	96	96	96	96	96												
			G77B							96	97	97	97	97	97	97												
			G77C							96	97	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	98												
111		OTHER CROSS CONN TERM. STRIPS	G78B	90	90	90	90	90	90	90	90	90	99	99	99	99												
			G79A*	90	90	92	93	94	94	96	96	96	96	96	96	96												
			G79B	90	90	92	93	93	93	96	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	96												
			G80B	90	90	92	92	92	92	92	92	92	92	100	100	100												
113	SWBD CABLE FROM MTC TO	MTC TO ORIGINATING REG AND INCOMING REG FRAMES	G81	89	89	89	89	94	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	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	96												
116		MTC FOR DIAL TONE MARKERS TO MASTER TEST FR CONTROL AND LINE INSULATION TEST FR																										
117	SWBD CABLE FROM	AUX MTC TO MTC OR TO SUPL AUX MTC	G84	90	90	90	90	94	94	94	94	94	94	94	94	94												
			G85	79	79	79	79	79	79	96	96	95	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	94												
119		AUX MTC TO RECORDER UNITS	G87	79	79	79	79	79	79	79	79	79	79	79	79	79												
120		AUX MTC TO MASTER TIMER FR																										
121		AUX MTC TO MASTER TEST CONTROL FR	G88	79	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	79												

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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	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	94												
			G92	70	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	73												
			G94	70	70	70	70	70	70	70	70	70	70	70	70	70												
130		PRETRANSLATOR FR																										
131	SWBD CABLE FROM SUPL AUX MTC TO	NO. GROUP CONN FR	G95	79	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	79												
135		MASTER TIMER FR																										
136		AUX MTC																										
137		AUX MTC	G97	70	70	70	70	94	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	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	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	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	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																										

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149	SWBD CABLING TO OFFICE TEST FR	G102A*	77	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	77												
		G103	70	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	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	79												
158	SWBD CABLE TO ROUTE TRANSLATOR FR	G106	79	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	79												
160	FOR FIG. 181&182																										
161	SWBD CABLE TO AUTOMATIC RANGE EXTENSION TEST FR	G108	81	81	81	81	81	81	96	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	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	70												
165	FOR FIG. 187 ON 2SMTC FR (ONE PER COMPL MKR)	G111	89	89	89	89	94	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	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	70												
171	FOR FIG. 151, STRAP WIRE SIDE ON 2SMTC FR	G114	81	81	81	81	81	81	81	97	97	97	98	101	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	87	96	96	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	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	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	90												
180	FOR FIG. 163, 164	G119	84	84	84	84	84	84	96	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	G120	84	84	84	84	84	84	84	84	84	84	84	84	84												
183	SWBD CA FROM MAMTC TO MAMA MASTER TIMER																										
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	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	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	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	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	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	96												
		G126	79	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	94												
194	SWBD CA FROM SAMTC TO MAMTC																										
195		G128	82	82	82	82	82	82	82	82	98	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	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	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	91												
203	FOR APP FIG 57 (STRAP WIRE SIDE, MARKERS 0-7)	G133						95	96	97	97	97	100	100	102												
204	FOR APP FIG 57 (STRAP WIRE SIDE, MARKERS 8-15)																										
205	FOR APP FIG 57 (CONTACT SIDE)	G134					94	95	96	97	97	97	100	100	102												
206	FOR APP FIG 1, II OPTION																										
207	FOR APP FIG 61	G135							96	97	97	97	97	97	97												
		G136							96	97	97	97	97	97	97												
208	FOR APP FIG 61 (TABLE I)	G137							96	97	97	97	97	97	97												
		G138							96	97	97	97	97	97	97												
		G139							96	97	97	97	97	97	97												

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

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-A12

BELL TELEPHONE LABORATORIES INCORPORATED

6S

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	97																		
		G141	96	96	96	96	96	96	96																		
		G142	96	97	97	97	97	101	101																		
210	FOR APP FIG 61 (TABLE 1B)	G143	96	97	97	97	97	97	97																		
		G144	96	96	96	96	96	96	96																		
		G145	96	97	97	97	97	97	97																		
211	FOR APP FIG 61 (TABLE 1E)	G146	96	97	97	97	97	97	97																		
		G147	96	97	97	97	97	97	97																		
		G148	96	97	97	97	97	97	97																		
212	FOR APP FIG 60	G149	96	97	97	97	97	97	97																		
213	FOR APP FIG 60 (TABLE 1)																										
214	FOR APP FIG 60 (TABLE 1A)	G150	96	97	97	97	97	97	97																		
215	FOR APP FIG 60 (TABLE 1B)																										
216	FOR APP FIG 60 (TABLE 1E)	G151	96	97	97	97	97	97	97																		
217	FOR APP FIG 58 & 59	G152	96	97	97	97	97	97	97																		
218	FOR APP FIG 59																										
219	FOR APP FIG 58																										
220		G153	96	97	97	97	97	97	97																		
221	FOR APP FIG 62	G154	96	97	97	97	97	97	97																		
222	SWBD CABLE FROM MINI-ROTL INTERFACE CKT	G155		97	97	99	99	99	99																		
223	FOR APP FIG 60 (TABLE 1D)																										
224	FOR APP FIG 61 (TABLE 1D)	G156		97	97	97	97	97	97																		
		G157		97	97	97	97	97	97																		
226	FOR APP FIG 66	G158					102	100	102																		

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 102A

BELL LABORATORIES | SD-25805-01- | A13

SD-25805-01-A13

CBL-142(10-75)

APPARATUS INDEX

DESIG	LOCATION FS	APP FIG	EQPT
RELAYS			
A0(-)	16A/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	
A8(-)	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	
A80-8	20G3	66, 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/D8	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	
DRBG-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	
EX8	25C0	45	
EX8	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	166	
HN0-4	29E/B6, B7	177	
HN5-9	25A7	11	
HN5-9	25A6	166	
HN5-9	29E/D6, D7	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/B5	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	
OSG0-4	29A/A1-C1	169	
OSG5-9	29A/D1	169	
OSG10	29A/G1	169	
OSG11	29A/H1	169	
PO(-)	16A/G7	52	
PI(-)	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	
RO-8	20C3	10	
RO-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	12C6	1	
RM1	12D6	1	
RM1S	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	
RST25-29	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	
RTPO	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	

DRAWING ISSUE 75D

ISSUE 102A

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(-)	1788	9	
T2(-)	16A/F8	150	
T3(-)	1788	9	
T3(-)	16A/F8	150	
T4(-)	1708	151	
T5(-)	1708	151	
T6(-)	1708	151	
T7(-)	1708	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	2480	157	
TG0-4	29B/D2	171	
TG5-9	29B/E2	171	
TG10-14	29B/E2	171	
TG15-19	29B/F2	171	

RELAYS

DESIG	LOCATION FS	APP FIG	EQPT
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	
TP0	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	
TVA1(-)	9D1	25	
TVA1(-)	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	

RELAYS

DESIG	LOCATION FS	APP FIG	EQPT
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	
TX0	19E8	28	
TX01	19E8	28	
U0-4	25B7	11	
U0-4	25C6	166	
U0-4	29E/B6	177	
U5-9	25B7	11	
U5-9	25C6	166	
U5-9	29E/D6	177	
UA0-4	29E/B6	177	
UA5-9	29E/D6	177	
V0(-)	18B4	26	
V0(-)	29G/A8	60	
VG(-)	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	

RELAYS

DESIG	LOCATION FS	APP FIG	EQPT
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	
W0(-)	18G4	26	
W0(-)	18H4	153	
W1(-)	18H4	153	
WCH0-4	29E/B1-D1	179	
WCH5-9	29E/D1	179	
WL0-4	29E/B1-D1	179	
WL5-9	29E/D1	179	
XSC	25G7	165	
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COMPONENT ASSEMBLY

DESIG	LOCATION FS	APP FIG	EQPT
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HN		177	
NGCU		177	
T		177	
U		177	
UA		177	

DIODES

DESIG	LOCATION FS	APP FIG	EQPT
ACD	14G7	199	
ACD1	3F5	199	
AIS1	SEE APP FIG	1	
AIS2			
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	177	
HN5-9	29E/D6	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	177	
U5-9	29E/D6	177	
UA0-4	29E/C6	177	
UA5-9	29E/D6	177	

DESIG / LOCATION FS / APP FIG / EQPT

DESIG / LOCATION FS / APP FIG / EQPT

DESIG / LOCATION FS / APP FIG / EQPT

DRAWING ISSUE 75D

ISSUE 102A

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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TRANSVERTER	TV	24E0
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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	3281	24D0
B'0,1,2,4,7	3284	24G0
C'0,1,2,4,7	3289	24G0
D'0,1,2,4,7	35E1	24G0
DS	35C9	24G0
DTK	35E9	24D0
DTN	3681	24D0
E'0,1,2,4,7	36F1	24G0
F'0,1,2,4,7	36E6	24G0
HRI	39C6	24D0
IPA	39E9	24D0
LC	40D9	24D0
ONL	2F6	18G3
OTO	4589	24D0
P	45E9	24G0
PI	45F9	24G0
PAK	46C1	24D0
PT	46G6	24G0
PTI	46A9	24G0
PTS	46E9	24G0
RC(-)	21B2	17G0,30C/D0
RCCK	11F5	17G0,30C/D0
RO	47A6	24G0
RSTO-9	34G1	21E0
RSTI0-15	34C4	20B/D7
RSTI6-19	34F4	20B/G7
RT	48F9	21E0
TO,1,2,4,7	50C6	20B/F4
TBL	51C1	24G0
TBLE	19D4	24H0
TBLO	1964	24H0
TRB	14C2	17G0,30C/D0
TRCA	2848	17G0,30C/D0
TRCB	2848	17G0,30C/D0
TRCC	2888	17G0,30C/DG
TRST	1B/B0-B3	17G0,30C/D0
TV	54D6	24G0
UO,1,2,4,7	54F9	20B/F4
XPI	56G6	24D0
XTI	57C1	24D0
XTC	57E1	24G0
XTL	5784	24D0
XUI	57G4	

AMA TRANSLATOR (AMAT)

DESIG	LOCATION FS	LOCATION CAD
GO-19	29G/A4	13G7
GA	29G/C4	15A3
GB	29G/D4	15A3
GG	2808	17D7, 15204,07
TLRO-29	3489	13G7
TRG	29E8	17D7, 152C7,04

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
1TR	30D6	SEE ATVC CKT
2TR	3009	
AO,1,2,4,7	3186	
BO,1,2,4,7	32F1	
CO,1,2,4,7	32F6	
CI	1A/CO	
CKI	33C4	55D7
CMB	34E9	
DO,1,2,4,7	35C1	SEE ATVC CKT
DIST	35G4	55D3
DNK	3586	55D7
EO,1,2,4,7	36D1	SEE ATVC CKT
FO,1,2,4,7	36C6	
FTO-3	3789	
FUO	38D1	
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	
MBI	9H3	
MC	42B4	55G7
MOA	42D9	55D7
NOB	44A4	55D7

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
08S	44A9	55D7
OFFO,1	45G1	55A0
OFF2,3	45G1	55D3
OFF4,5	4584	55D3
OFF6-9	53G9	55A0
OFTO-2	4504	55D3
P	45E9	55F7
PT	4666	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	4309	55D3
TH2	43F9	55D3
TH3-6	43G9	55D3
TH7-9	4481	55D3
TIK	5109	55F7
T4	6F5	
TM2	52A4	55D3
TNK	52E4	55A3
TOP	52C6	55F7
TPT	5266	
TR	5289	SEE ATV CKT
TRIT	45E1	
TRA	5209	55D7
TRB	13C8	
TRL	53E4	55A3
TRS	53B6	SEE ATVC CKT
TRST	1A/CO	
TTT	48E6	55F7
TVA	1A/A0	
TVB	1A/A1	
TVT	1102	
TVTAO	8E4	
TVTA1	8E4	
UO-9	55A1	55D3
VFO-4	55E1	SEE ATVC CKT
VGO,1	55C4	
VG2,4,7	55E4	
VG10	55A6	
X	5589	55D7
XET	56E1	55D7
XRL	56C9	55F7
XTL	5784	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		5587
SO	49C1	787
S1-4	49E1	787
S5-9	49F1	787
SC	SEE ATV CKT	55H3
SG	28H3	
SWO,1,2,4,7	39E1	55A7
TPT		5527
TR		55E7
TRIT		55A7
TRA		
TRL	SEE ATV CKT	
TRS		5587
TTT		
TVT		
VFO-4		55A7
VGO,1,2,4,7		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	1707
TLRO-29	3489	SEE AIOD-TC CKT
TRG	SEE AIOD-TC CKT	1707

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)

DESIG	LOCATION FS	LOCATION CAD
GO-19	SEE AIODT CKT	13H7
GA		15A4
GB		15A4
GG	2808	SEE AIODT CKT, 152D4,07
TLRO-29	SEE AIODT CKT	13F7
TRG	28F8	SEE AIODT CKT, 152D4,07

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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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'0,1,2,4,7	31D5	5D/C3
AMA	31D7	
ARO,1,2,4,7	31F7	SEE MTC CKT
AVKI	32D0	
BO,1,2,4,7	32F0	
B'0,1,2,4,7	32B2	5D/C3
BRO,1,2,4,7	32E2	SEE MTC CKT
CO,1,2,4,7	32F5	
C'0,1,2,4,7	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'0,1,2,4,7	32E4	7G3
D	34G7	SEE MTC CKT
DO,1,2,4,7	35C0	SEE MTC CKT
D'0,1,2,4,7	35E0	5D/C3
DCK	35G0	SEE MTC CKT
DL1-5	35G2	
DL6	35A5	
DRO-9	2680,35F5	8A3
DRTO,1	2680,35B7	8A3
EO,1,2,4,7	36D0	SEE MTC CKT
E'0,1,2,4,7	36F0	5D/C3
FO,1,2,4,7	36C5	SEE MTC CKT
F'0,1,2,4,7	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	3800	
FU1,2,4,7	38F0	
FVD	38D2	

DESIG	LOCATION FS	LOCATION CAD
GO,1,2,4,7	38F2	SEE MTC CKT
G'0,1,2,4,7	38A5	5D/C3
HO,1,2,4	3807	SEE MTC CKT
H7	38F7	SEE MTC CKT
H'0,1,2,4,7	39A0	5D/C3
HGO,1,2,4,7	39D0	
HMSI		
HTO,1,2,4,7	39D5	
INC	39C7	SEE MTC CKT
JO,1,2,4	40A0	
J7	40C0	
J'0,1,2,4,7	40D0	5D/C3
KO,1,2,4	40D2	SEE MTC CKT
K7	40F2	SEE MTC CKT
K'0,1,2,4,7	40A5	5D/C3
LO,1,2,4	40C5	SEE MTC CKT
L7	40E5	SEE MTC CKT
L'0,1,2,4,7	40G5	5D/C3
LCO-9	40E7	7C0
LR	41A5	
LT	41C5	SEE MTC CKT
LTI	30F7	
LT2	41F5	
LVO	52B7	
LV1	52H0	
LV2-9	41B7	7F0
MO-2,4	4285	133F3
MO-2,4	42C5	133F3
M7	41F7	SEE MTC CKT
M'7	42A0	5D/L3
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	42C5	133F3
N'7	42C5	133F3
NDK	43G5	SEE MTC CKT
OA	44C5	SEE MTC CKT
OB	44E5	SEE MTC CKT
ON	2A1	1B/A4,GO
OR	45B5	SEE MTC CKT
PCD	46F0	SEE MTC CKT
PCDY	46G0	
PCR	46B2	
PD	46D2	
PHC	46E2	
PK	46F2	
PS	46E5	

DESIG	LOCATION FS	LOCATION CAD
RO	48A0	SEE MTC CKT
RP	48F2	
SCK	49G2	SEE MTC CKT
SCN	49A5	
SCT	49B5	
SPL	50E0	
SRT	50A2	5A/C7
STR	3B0	1B/A4,GO
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	5185	
THC	51G5	SEE MTC CKT
THTO	41E2	
THTI	41E2	
THT2	51B7	
THT3	51B7	
TOL	52B5	
TP	52D5	
TRA	10E5	
TRB	14D8	1B/G0
TRBI	14D8	1B/G0
TRC	1248	1B/A4,GO
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	4B8	2A/CO
AL	31B7	SEE MTC CKT
ALT	31C7	
AMA	31D7	
AMKS	7F6	2A/DO
ATKT	32C1	14G3
ATP	1E/D6	2A/DO
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

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
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	
DIS1	35E2	
EO,1,2,4,7	36D0	SEE MTC CKT
ECN	36G0	
F	36B5	
FO,1,2,4,7	36C5	
FCK	36E7	
FGO	36F7	
FGI	37A0	
FSO-19	37D5	
FSO-29		10AD7
FTO-3	37B7	
FTC	37E7	
FTCK	37F7	
FUO	38D0	
FU1,2,4,7	38F0	
GO,1,2,4,7	38F2	
GPA	38E5	
GPB	38F5	
HO,1,2,4	3807	
H7	38F7	
HGO,1,2,4,7	39D0	
HMSI	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, 10AD7
MOI	4237	SEE MTC CKT
MRL	43B0	
MTIK	43G0	
MT2K	43A2	
MT5	43C2	
MT7K	43H0	
MT8K	43D2	
MT9K	43E2	
MT10K	43F2	
MT12K	43G2	
MT57	43H2	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
MTL	7C9	2A/CO
NDT	43A7	SEE MTC CKT
NOB	44A2	
OR	45B5	
OSC	45E5	
OTT	45C7	
OV	45D7	
PCR	4682	
PK	46F2	
RA	47A0	
RBT	47C0	
RBTI	47D0	
RCT	47C2	
RCTI	4702	
ROG	48C2	
RP	48F2	
SB	49C2	
SBT	49D2	
SCK	4962	
SRTI	50C2	
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	6H1, 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/DO
TSO-3	45F0	10AD7
TS4,5	45A2	10AD7
TS6-9	53F7	10AD7
TS10-19	54A0	10AD7
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	1318
BO,1,2,4,7	38A4	1318
CO,1,2,4,7	55C6	1318
CLF	33F6	1318
DO,1,2,4,7	39F1	1318
EO,1,2,4,7	55H1	1318
ENCO,1	36C4	1318
FO,1,2,4,7	34F9	1318

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	1350
AG	29C/B5	1530
ATOD	48F1	1360
BO,1,2,4,7	32F1	1350
BG	29G/B5	1530
CO,1,2,4,7	32E6	1350
CCSP	49H4	136C
CG	29G/B5	1530
CGA,B	32C9	136C
CGG	29G/B5	1530
CK	33C4	1360
CKG	45E9	1360
CTO,1,2,4,7	34C6	136C
CTG	29G/B5	1530
CUO-2	42G1	136C
CU4,7	42B4	136C
CUG	29G/B5	1530
DO,1,2,4,7	35C1	1350
DG	29G/B5	1530
DUAL	47B1	136C
EO,1,2,4,7	36D1	1350
ECTO-2	55H1	136C
ECTG	29G/B6	1530
ECUO,1,2,4,7	34G9	136C
ECUG	29G/B6	1530
EG	29G/B5	1530
EVN	47B6	1360

CALL DATA TRANSMITTER APPLICATION CKT (CDTA)

DESIG	LOCATION FS	LOCATION CAD
FO,1,2,4,7	36C6	1350
FG	29G/B5	1530
FGO	36G9	142C7,14587,
FGI	3781	14887
FG2		
FN	33B4	1360
FNA	45G9	1360
FNB	40D9	1360
FNG	29G/B6	1530
FTO-3	37D9	1350
FTG	29G/B6	1530
FUO,1,2,4,7	38D1-F1	1350
FUG	29G/B6	1530
GO,1,2,4,7	38F4	1350
G(4-H)	29G/B5	1530
G(J-L)	29G/B5	1530
GM	29G/B5	
HO,1,2,4,7	3809-F9	1350
HG	29G/B5	1530
HNO-3	39E4	1350
HN4-8	39G4	1350
HN9	39B6	1350
HNG	29G/B6	1530
HMSI	3681	1360
ITR	46C1	1360
JO,1,2,4,7	40A1-C1	1350
JG	29G/B5	1530
KO,1,2,4,7	40D4-F4	1350
KG	29G/B5	1530
L7	40E6	1350
LT	41D6	136C
LTI	30D9	136C
LT2	41G6	136C
LT3	38D4	136C
MT	49F4	1360
MTO	36G9	136C
MTI	3781	136C
MTG	29G/B6	1530
MTK	50C6	136D
MUO,1,2,4,7	51C6	136C
NCB	4444	1350
NRDO	3581	1360
NRDI	39C6	1360
NRG	29G/B6	1530
OBG	29G/B6	1530
OBS	44A9	1350
OC	4289	1360
ODD	3589	1360
OEG	29G/B6	1530
OFFO-3	45H1	1350
OFF4,5	45C4	1350
OFF6-9	53F9	1350
OFFG	29G/B6	1530
OFTO-2	4504	1350
OFTG	29G/B6	1530

DESIG	LOCATION FS	LOCATION CAD
PPSP	49B6	136C7
RCDO	32F4	1360
RCDI	3281	1360
RCG	29G/B6	1530
RK3	4689	1360
SLU	44E4	136C
SMPA	30B9	1350
SNG	36H4	136C
SOG	46H6	1360
SPTO,1	38C1	1360
SPTG	29G/B6	1530
SPUO,1,2,4,7	38C4	1360
SPUG	29G/B6	1530
TO-4	50F6	1350
T5-9	50F6	1350
TBK	35F9	1360
TBL	51C1	136C
TBY	51E1	136C
TFO,1,2,4,7	5186	135C7,142C7, 145C7
TFTO-2	37E9	135C
TFTG	29G/B6	1530
TFUO,1,2,4,7	3844	135C
TFUG	29G/B6	1530
TG	29G/B6	1530
THO-6	43C9-G9	1350
TH7-9	4481	1350
THG	29G/B6	1530
TK	47C9	1360
TM2	5284	136C
TMG	29G/B6	1530
TNTO,1,2,4,7	5506	135C
TNTG	29G/B6	1530
TNUO,1,2,4,7	39F1	135C
TNUG	29G/B6	1530
TRL	53E4	1360
UO-9	5581	135C
UG	29G/B6	1530
VGO,1,2,4,7	55C4-E4	1350
VG10	55A6	1360
VGG	29G/B6	1530
XII	55C9	136C

CALL WAITING LINK (CWL)

DESIG	LOCATION FS	LOCATION CAD
CRS	51F4	308/A3
HMS	51E6	308/A3
SXT	5781	308/A3
XHM	56F9	308/A3
XS	56E9	308/A3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 102A

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LEAD INDEX FOR TABLE I

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
ONN	3086	4H5
ISE	30C6	4H5
ITB	30C6	4H5
2DT	30G6	4E0
2MB	30B9	4H5
2P	30C9	480
2SA	3089	4H5
3FB	30G9	4H5
3NA	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-G6	4C0
AD'	4886	308/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	3284	4C0
BLC	32C4	4A7
BN	32D4	4E1
BRO,1,2,4,7	32E4	4A2
BST	32F4	4G5
BT	32A6	4A2
BV	32D6	4G5
C0,1,2,4,7	32E6	4E0
C'0,1,2,4,7	32B9	4C0
CGA	32C9	4G5
CGB	32C9	4G5
CGT	32E9	4G5
CHO-9	32E9	480
CHA	32F9	480
CHE		480
CI	1D/D6	3F3, 111GO
CK	33B4	480
CKG	33E4	480
CKGI	33G4	4A7
CKG2	33G4	4A7
CKO	33A6	4C0
CKR	3386	4C0
CLI-5	3386	4E0
CL6	3306	4E0
CL7,8	33E6	4A2
CLG	33F6	480
CLK	33F6	480
CLT1,2	3366	380
CN	33E9	480
CNR	34A6	4H5
CNS	3486	4C2
CON	34C6	4G5
CPO,1,2,4,7	34D6	4H5
CR	34E6	4C2
CRO,1,2,4,7	34F6	4E0
CRRO-2	3466	4H5
CSO-29	34A9	4G5
CSG1,2	34C9	4G7
CSW	43F6	4G5
CTO-2	3409	480
CTAO-2	34E9	4G7
CUO,1,2,4,7	34F9	4G5
D	34G9	4G5
DO,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	480
DCT2	35C4	480
DCT3	35C4	4G5
DIS	34D4	4A7
DIS1	35E4	4G5
DL1-5	35G4	4E0
DL6	35A6	4E0
DR	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	480
EG	3684	4C0
EN	36C4	4C0
EXB	25D2	4G5
EXG	25D2	4G5
EXT	36G4	4D7
F	36B6	4A7
FO,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	480
FCK	36E9	4G5
FGO	36F9	4D0
FGI	37A1	4D0
FLG	37B1	4G5
FM	37C1	480
FML	37D1	480
FNA	37E1	480,G5
FNB	37F1	480,G5
FSO-2	37D6	4D0
FS3-19	37E6	4D0
FTO-3	37B9	4D0
FT'O-3	37D9	480
FTC	37E9	4A7
FTCK	37F9	3G5
FTK1	38A1	480
FTTO-3	38B1	3G5
FUO	38D1	4D0
FU1,2,4,7	38F1	4D0
FU'O,1,2,4,7	38A4	480
FUTO-9	3884-D4	4G5
FVD	38D4	4C2
G	31E4	4A7
GO,1,2,4,7	23F4	4E0
G'0,1,2,4,7	38A6	4C0
GLH	38D6	480
GPA	38E6	4H5
GPB	38F6	4H5
GSI-5	38B9	4H5
GT2	38B9	480
GT5	38C9	480
GTL	38C9	480
H0,1,2,4	38D9	4E0
H7	38F9	4E0
H'0,1,2,4,7	39A1	4C0
H'	39C1	4G5
HFA	52G4	4H5
HGO,1,2,4,7	39D1	4D0
HG'0,1,2,4,7	39F1	480
HGK	39G1	4G5
HGTO-9	39A4	4G5
HMSI	39C4	4D0
HNO-9	39D4	4C0
HTO,1,2,4,7	39D6	4C2
HTKI	39F6	480
HFR	39G6	480,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
JCO-9	40F1	480
JCK	40F1	480
JGO-4	40A4	480
JSQO-5	40B4	4G7
JXPI	33A1	480
JXPA	40C4	4C0
KO,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
L8	40C9	480
LCH	40E9	4C0
LCK	40F9	4G5
LDT	41A1	4G5
LFK	41B1	480
LHM	41C1	4G7
LHMT	41D1	4G7
LI	41E1	4G5
LIN	41E1	480
LK	41F1	480
LK1	41A4	4G5
LK2	41B4	4A7
LK3	41C4	4D7
LLO,1	41D4	480
LL2,4	41E4	480
LL7	41F4	480
LLI	41G4	4D7
LLJ	41G4	4G7
LOLD	33D4	4G7
LOLL	33C6	4G7
LR	41A6	4D0
LRA	41H4	
LST	41B6	4H5
LT	41C6	4C2
LTI	30F9	4A2
LT2	41F6	4A2
LTG	1080	3B3
LTR		480
L/M	41C9	4G7
LXPA	41H6	480
LXPI	41D9	480
M	41E9	4G5
MO-2,4	4286	
M'O-2,4	42C6	
M7	41F9	4E0
M'7	42A1	4C0
MAKI	42C1	4G5
MAN	42D1	480
MB	1162	3G3, 111GO
MBO-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
MOI	42B9	4A7
MON	42E9	4A2
MPT	43A1	4G5
MRL	4381	4G5
MT	1182	111GO
MT1K	43F1,G1	4A7
MT2K	43A4	4D7
MT3K	4384	4G7
MT5	43C4	4G7
MT7	43D4	4G7
MT7K	43H1	480
MT8K	43D4	4G7
MT9K	43E4	4G7
MT10K	43F4	4D7
MT12	43G4	4A7
MT57	43H4	308/B7
N7	42C6	
N'7	42C6	
NAMA	43F6	4H5
NC	43F6	4G5
NDI	43G6	480
NDK	43D6	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	480
NR	44E4	4C0
NSI	44F4	480
NSO	44F4	480
NSP	42D1	480
NT	44G4	4G5
NTCW	44H4	308/D7
NTH	44A6	4A7
NTT	44B6	4G5
NTVB	44C6	308/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	308/B7
OFH	45C4	4G5
OPR	4586	4C0
OR	4586	4H5
ORK	47C9	
OSO-4	4506	4E0
OSC	45E6	4D7
OSE	45F6	4H5
OSGO-4	45F6	4E0
OSG5	45F6	4A2
OSG6-'	45G6	4A2
OSK	45A9	4H5
OST2	45B9	480
OTT	45C9	4G5
OV	45D9	4G5
PO-9	45F9	480
PA	46A1	480
PB	46C1	480
PBN	46D1	4C0
PBX	46D1	4G7
PBX1	46E1	4H5
PC	46E1	480
PCD	46F1	4E0
PCD1	46G1	4E0
PCR	4684	4E0
PD	46D4	4E0
PHC	46E4	4E0
PK	46F4	4E0
PLL	46H4	4E0
PN	46A6	4C0
PNR	46A6	480
PR	4686	480
PRCY	46C6	4H5
PS	46E6	4E0
PSI	52H6	4D7
PSR	46F6	4C0
PTK	46B9	480,G5
PTN	46C9	4C0
PUL	46F9	4C0
RA	47A1	4G5
RBT	4781	4A7
RBTI	47D1	4G5
RC	47E1	4A7
RCCK	11D1	3G3, 111GO
RCK2	4784	4G5
RCK3	4784	480
RCT	47C4	4A7
RCT1	47D4	4G5
RCT2-15	47F4	4G5
RCY	47G4	4A0
RF	47B6	480
RI	47G6	4E0
RK	47A9	480
RK1-3	47C9,D9	480
RL	47G9	480
RNO,1,2,4,7	48D1,E1	4H5
RNG	48G1	4C0
RNK	48G1	4C2
RNT2	48H1	480
RO	48A4	4E0
RO'	4884	480
ROA	48C4	4C0
ROG	48C4	4D7
ROH	48D4	4G5
RON	12F8	1B/B0,21E2, 111GO
ROT	48F4	4A2
RP	48F4	4C2
RPK	4806	4C0
RSO-9	48G6,H6	4G5
RSC	48H6	480
RSK	4889	4G5
RTC	48G9	308/B7
RTST	1E/D8	2A/C0
RV	49B1	4C0
RVI	33E4	480
SO-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	480
SIA	49G6	4D7
SIB	49G6	4D7
SL	4989	4G5
SLCK	4909	4H5
SLK1	4909	480
SLK2	4909	480
SMP	30C9	480
SNG	49E9	4C0
SNK	49F9	480
SOG	49F9	4C0
SON	50A1	4H5
SP	1543,B3	3F7
SPC	1583,C3	3F7
SPL	50E1	4D7
SQA	50G1	480
SRK	50H1	4G5
SRT	50A4	480
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
TBO-5	50D9,E9	480
TB6	52A4	480,57C0
TB7	33H1	480,57C0
TB8,9	3666,H6	57C0
TBH	50G9	4G5
TBI	51A1	4E0
TBK	51B1	480
TBT	51D1	4A7
TC	51E1	4C2
TCI	51F1	4G5
TCA	51G1	4A2
TCB	51B4	4A2
TCH	51B4	480
TCHO-9	51C4	4G7
TCHK	51C4	4G5
TCK1	51D4	4G5
TDCT	51E4	4A7
TER	51F4	4C0
TFO,1,2,4,7	51B6	4D0
TFA	SEE FATC CKT	4A7
TGO-19	51D6,E6	480
TGT	51F6	480
THC	51G6	4E0
THGTO-9	51A9	4G7
THTO,1	41E4	4A2
THT2,3	51B9	4G7, 308/B7
TIN	51E9	480
TK	51F9	490
TLH	52A1	4G5
TLT	3304	480
TM	52C1	4G5
TMK	52C4	4G5
TMK1	52C4	4G5
TN	52D4	4C0
TNK	52D4	4G5
TOB	44E9	4G5
TOB1,2	52G4	4H5
TOBS	44D9	4G5
TOG	52H4	4C0
TOL	52B6	4E0
TOSO-4	52D6	4D7
TP	52D6	4C2
TP'	52F6	4G5
TRI	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	480
TS4,5	4584	4E0
TS6-9	53F9	480
TS10-19	54A1	480
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	480
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	308/B7
UTO,1,2,4,7	54F9	4C2

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 102A

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DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
VFO-4	55E1	4D0
VF'0-4	55G1	4B0
VFT0-4	55A4	4G5
VG0,1	55C4	4D0
VG2,4,7	55E4	4D0
VG10	55A6	4D0
VG'0,1,2,4,7	55C6	4B0
VG'10	55D6	4B0
VGA	55E6	4G7
VGT0-11	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	56B1	4B0
XCL	56P'	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	56E6	4B0
XOB	56E6	4B0
XPG	56G6	4B0
XPT	56A9	4B0
XPTN	56B9	4B0
XRCT	56C9	4B0
XRL	56C9	4B0
XRS	56D9	4B0
XRSI	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
XTSI	57E4	4B0
XTV	57F4	4B0
XVGA	57B6	4B0
XVGB	57C6	4B0
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
ITR	3005	SEE MTC CKT
4DG	3180	
BN	32D2	
CIB	5C7	
CK	33B2	13OCO
CKG	33F2	SEE MTC CKT
CKG1	33G2	
CSO-29	34A7	
CSG1	34C7	
DCK		13OCO
FLG	37C0	13OCO
FNA	37E0	SEE MTC CKT
FNB	37F0	
FTO-3	37B7	
FTK1	38A0	
FTTO-3	38B0	
FU0	38C0	
FU1-3	38F0	
FUTO-9	3882-D2	
HG0,1,2,4,7	39D0	
HGT0-9	39A2	
HN0-3	39D2	
HN4-8	39F2	
HN9	39A9	
HTUK	39A7	13OCO
LFK	41B0	13OCO
LHM	41C0	
LHMT	41D0	SEE MTC CKT
LIN	41E0	
LLI	41G2	SEE MTC CKT
LTP	1A/C5	
LVP	1E/D3	
MB4,7	42A2	SEE MTC CKT
MC	42B2	SEE MTC CKT
MCO,1	43F0	13OCO
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	
OFF0-3	45F0	
OFF4,5	4582	
OFF6-9	53G7	
OFT0-2	45D2	
POTS		13OCO
PTK	46B7	SEE MTC CKT
RI	47G5	SEE MTC CKT
RN4,7	48E0	SEE MTC CKT
RNG	48G0	13OCO
RNTO	4885	13OCO
RPT	48F5	
SO-4	4980	SEE MTC CKT
S5-9	49G0	
SON		13OCO
SPL	50E0	SEE MTC CKT
STR	3G8	
TO-9	50F5	SEE MTC CKT
TBI	51A0	SEE MTC CKT
TBSO-3		13OCO
TBTO-9	32D2	13OCO
TBUO-9	50E5	13OCO
THO-6	4307-G7	
TH7-9	44B0	SEE MTC CKT
TIK	51D7	
TLV	52B1	
TM	6D0	
TNK	52D2	13OCO
TPT	52G5	
TR	52B7	SEE MTC CKT
TRA	52E7	
TRK	30E5	
TRL	53E2	
TRR	53A5	
TS	6C8	
TSO,1	11A2	13OCO
TSL	54F0	
TSV	8F6	SEE MTC CKT
TVTO,1	8E6	
UO-9	55A0	13OCO
UNO-9	55A0	
VFO-4	55E0	SEE MTC CKT
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	3286	27C0
CGA,B	32C9	27C0
CH0-9	32E9	27G0
CHA	32F9	27G0
CHE	33A1	27G0
CI	1D/D0,D3	2883,1116S
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	3584	27G0
DIS	35D4	27C0
DIS1	35E4	27C0
DTK	35E9	27C0
EF	3684	27G0
EXB	25D2	27C0
EXG	25D2	27C0
EXT	36G4	27C0
FAK	3689	27G0
FCG	3609	27G0
FCK	36E9	27C0
FGO	36F9	27G0
FG1	37A1	27G0
FM	37C1	27G0
FML	37D1	27G0
FSO-29	37C6-E6	27G0
FTO-3	3789	27G0
FT'O-3	3709	27G0
FTC	37E9	27C0
FTCK	37F9	27C0
FTK1	38A1	27G0
FTTO-3	3881	27C0
FUO,1,2,4,7	38D1-F1	27G0
FU'O,1,2,4,7	38A4	27G0
FUTO-9	38C4,D4	27C0
G	38E4	27C0
GLH	3806	27G0
GT2	3889	27G0
GTL	38C9	27G0
HGO,1,2,4,7	39D1	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
LK1-3	41A4-C4	27C0
LLO,1,2,4,7	41D4-F4	27G0
LLJ	41G4	27C0
LOLL	3586	27G0
LTR	41H6	27G0
LXPA	41H6	27G0
LXP1	41D9	27G0
M	41E9	27C0
MAK1	42C1	27C0
MAN	42D1	27G0
MB	11G2	2883,1116S
MF	42C4	27C0
MIT	6C5	2883,1116S
MKA	1D/B0,B2	2833,1116S
MKB	1D/B1,B2	2883,1116S
MLF	42E0	27C0
MLFA	42F6	27C0,104C4
MOI	42B9	27C0
MRL	4381	27C0
MT	11B2	2883,1116S
MT2K	43A4	27C0
MT3K	4384	27C0
MT5	43C4	27C0
MT7	43C4	27C0
MT8K	43D4	27C0
MT9K	43E4	27C0
NTH	44A6	27C0
OBS1	44D9	27C0
OBS2	44E9	27C0
OC1	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
RCCK	11D5	2883,1116S
RCY	47G4	4A0, 27C0,G0, 33B/G3

DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
RF	4786	27G0
RK	47A9	27G0
RKI-3	47D9	27G0
ROA	48C4	27G0
RON	12F8	28E3,1116S
RTO-3	48D9,E9	27C0,104C4
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
TC1	51F1	27C0
TCHO-9	51C4	27C0
TCHK	51C4	27C0
TDCT	51E4	27C0
TFO,1,2,4,7	5186	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	1304	2883,1116S
TRK	30E6	27C0
TRL	53E4	27C0
TRR	52A6	27C0
TRS	5386	27C0
TRST	1D/D0,D2	2883,1116S
TRL	53E4	27CG
TRR	52A6	27C0
TRS	5386	27C0
TRST	1D/D0,D2	2883,1116S
TRT	53A9	27C0
TSO-3	45F1	27G0
TS4,5	4584	27G0
TS6-9	53F9	27G0
TSE	5481	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'0-4	55G1	27G0
VFTO-4	55A4	27C0
VGO,1,2,4,7	55C4-E4	27G0
VG'0,1,2,4,7	55C6	27G0
VG'10	5506	27C0
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
XTSI	57E4	27G0
XVGA	5786	27G0
XVGB	57C6	27G0
DIRECT ACCESS PRETRANSLATOR CONN (DAPC)		
DAC0-2	43D9,E9	9G3
DACA	44E6	9G0
DACB	44G6	9G0
NG	11F8	3D3,1116O
NG1	11F8	3D3,1116O

DESIG	LOCATION FS	LOCATION CAD
DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)		
ITR	3006	22H4,30D/E7, 55A7
2TR	30D9	22H4,30D/E7, 55A7
AO,1,2,4,7	3186	22E4,H4, 30D/E7,G7, 55A1
BO,1,2,4,7	32F1	
CO,1,2,4,7	32F6	
DO,1,2,4,7	35C1	
EO,1,2,4,7	36D1	
FO,1,2,4,7	36C6	
FGO	36F7	13180
FG1	37A0	13180
FTO-3	3789	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		13180
SWO,1,2,4,7	39E1	2244,30D/B7, 55A7
TFO,1,2,4,7	5185	13180
TP	52G6	
TPT		22H4,30D/E7, 55A7
TRIT		55A7
TRP		13180
TRS	5386	22C3,30D/DS, 55A7
VFO-4	55E1	2284,30D/B7, 55A7
VGO,1,2,4,7	55C4-E4	2244,30D/B7, 55H3
VG10	55A6	22H4,30D/B7, 55H3

MASTER TEST FRAME CONNECTOR CKT

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ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D5	
4DG	31B0	
BN	32D2	
CIB	5C7	SEE APTT CKT
CK	33B2	13DD0
CKG	33F2	
CKGI	33G2	
CKO	33A5	
CSO-29	34A7	
CSGI	34C7	
EN	33C2	13GG0
FLG	37B0	13DD0
FNA	37E0	
FNB	37F0	
FTO-3	37B7	
FTTO-3	38B0	
FUO,1,2,4,7	38DD-F0	
FUTO-9	3882-D2	
HGO,1,2,4,7	39D0	
HGTO-9	39A2	
HNO-7	3902-F2	
HN9	39A5	
HTUK	39A7	13DD0
LFK	41B0	13DD0
LHM	41C0	
LIN	41E0	13GG0
LLI	41G2	
LTP	1A/C5	
LVP	1E/D3	
MB4	42A2	
MB7	42A2	
MC	4282	
MCO,1	43F0	13DD0
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	13GG0
PTK	46B7	13GG0
PTN	46C7	13GG0
RCTI	47D2	

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
RI	47G5	
RN4	48E0	
RN7	48E0	
RNG	48G0	13DD0
RNTO	48B5	13DD0
RNTI	4885	
RPT	48F5	
RSO,1	48G5	
SG-4	49B0	
S5-9	49G0	
SPL	50E0	
TO-9	50F5	
TBO-9	39D2	
TBI	51A0	
TBUO-9	50E5	13DD0
THO-6	43E7-G7	
TH7-9	4480	
TIK	51D7	
TLV	5281	
TM	52D0	SEE APTT CKT
TN	52D2	13GG0
TNK	52D2	13DD0
TOG	52H2	
TPT	52G5	
TR	5287	
TRA	52E7	
TRK	30E5	
TRL	53E2	
TS	6C8	
TSO,1	11A2	13DD0
TSL	54F0	
TVS	8F6	
TVTO,1	8E6	
UNO-9	55A0	13DD0
VFO-4	55E0	
VFTO-4	55A2	
VGO,1,2,4,7	55C2-E2	
VG10	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	34E1	9A6
RG2-9	34E1	10A/F0
RG10-19	34B4-E4	13H3

INCOMING REGISTER MARKER CONNECTOR (IRMC)

DESIG	LOCATION FS	LOCATION CAD
CNO-3	34A1-C1	13B0
CNG	27B3	3E3,F3, 11ID0
FRO,1	37A4	13B0
FR2		13B0
FRG	27B8	3E3,F3, 11ID0
RGO-9	34E1	
RG10-19	34B4-E4	
RGG	28C3	3F3,11ID0
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	3F3,11ID0

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

DESIG	LOCATION FS	LOCATION CAD
RGO-9	34E1	
RG10-19	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
ONI,2	2A3	30H/D3
OP	1A/G0	30H/D0
OV	4507	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
TVA0-9	1A/A1,A3	30H/D3
TVB0-9	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	18/B4
MN	12H6	18/B4
RTO-4	48F9	13F7
RTG	28G8	18/B4
TRB	14G5	30G/E4
TRB1	14C4,D7-G7, F5,G5	18/F0,16B7, 30A/A7, 30G/C4,E4, 107A5
TRB1(-)	13G6,H1, 14D2,H2	3D3,17D7, F0,28D3, 11IB0,E5, 154E2

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

DESIG	LOCATION FS	LOCATION CAD
ROS	14G7	6805

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D5	13OD2
4DG	31A0	13OD2
AO,1,2,4,7	31C5	13OD2
BO,1,2,4,7	32F0	13OD2
CO,1,2,4,7	32F5	13OD2
CIB	5G7	1B/F0,13OD2
CKG	33F2	13OD2
DO,1,2,4,7	35C0	13OD2
DNK	3585	13OD2
DR	35E6	30A/B5
EO,1,2,4,7	3600	13OD2
FO,1,2,4,7	36C5	13OD2
FSO-2	3705	SEE MTC CKT
FTO-3	3787	13OD2
FTTO-3	38B0	SEE MTC CKT
FUO,1,2,4,7	38DD,F0	13OD2
FUTO-9	3882-D2	
G	15E3	SEE MTC CKT
GO,1,2,4,7	38F2	
GI	15D3	
H7	38F7	13OD2
HGO,1,2,4,7	39D0	13OD5
HGTO-9	39A2	SEE MTC CKT
HNO-8	39D3-F3	13OD5, SEE MTC CKT
HN9	39A5	13OD5, SEE MTC CKT
IT	1B/E9	13OD5
LA	1B/E9	1B/G7
LAL	1B/E9	
LIT	41F1	30A/B5
MB4,7	42A2	13OD5
MC	4282	13OD5
MKT(-)	7E1	3C3,28D3
NOB	44A2	13OD5
NSP	42C0	13OD5
OF	45D0	13OD5
OFFO-3	45F0	13OD5
OFF4,5	45A2	13OD5
OFF6-9	53G7	13OD5
OFTO-2	45D2	13OD5
ON	281	1B/A4
RN4,7	48E0	13OD5
RON	2H6	1B/G7
RPT	48F5	13OD5
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	13OD2
STR	3C0	1B/A4
STRI	3C6	1B/D4,G7
STR2	3C5	1B/G7
STRA	3D5	1B/G7
TO-9	50E5	13OD5
THO-6	4307-G7	13OD5
TH7-9	4480	13OD5
TIK	51D7	13OD5
TRC	12C8	1B/A4
TRST	1B/E8	
TS	6A6	13OD5
TSO-3	45F0	9C0
TSG	5D1	
TSL	54F0	13OD5
TVS	8E7	13OD5
TVTO,1	8E7	13OD5
UO-9	55A0	13OD5
VFO-4	55E0	13087
VFTO-4	55A2	SEE MTC CKT
VGO,1,2,4,7	55C2-E2	13087
VG10	55A5	13087
VGTO-11	55F5	SEE MTC CKT

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

DESIG	LOCATION FS	LOCATION CAD
CM-	27H8	3F3,11ID0
DTM-	27G8	28A3,111H5
TRC-	27G8	3F3,28A3, 11ID0,H5

LINE LINK CONNECTOR CKT (LLC)

DESIG	LOCATION FS	LOCATION CAD
CM-	27H8	3F3,11ID0
DTM-	27G8	28A3,111H5
TRC-	27G8	28A3 11ID0,H5

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

DESIG	LOCATION FS	LOCATION CAD
CNO-2	34A1	13B0
CN3	34C1	13B0
CNG	27C3	3F3,28A3, 11ID0,H5
FRO,1	37A4	13B0
FR2	3704	13B0
FR3-9	37F4	13A0
FRG	2788	3F3,28A3, 11ID0,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	3404	14G0
CN16-19	3404	13B3
CNG	27C3	3F3,28A3, 11ID0,H5
FRO,1	3704	13B0
FR2	3704	13B0
FR3,4	37F4	13A0
FRG	2788	3F3,28A3, 11ID0,H5
RGO-3	34E1	

LINE VERIFICATION CKT (LV)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D5	
4DG	31B0	
4NE	31C0	
6NT	31G0	
9NP	31E2	SEE MTC CKT
AO,1,2,4,7	3185	
BO,1,2,4,7	32F0	
BN	32D2	
BST	32F2	
BT	3285	
CO,1,2,4,7	32F5	

LINE VERIFICATION CKT (LV)

DESIG	LOCATION FS	LOCATION CAD
CIB	5C7	
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	3787	SEE MTC CKT
FTTO-3	3880	
FUO,1,2,4,7	38DD-F0	
FUTO-9	3882-D2	
HO,1,2,4,7	9282-D2,G0	
HGO,1,2,4,7	3900	
HGTO-9	39A2	
HNO-8	3902-F2	
HN9	39A5	
HTR	39G5	
INC	39C7	
LCK	40F7	
LHM	41C0	
LHMT	41D0	
LLI	41G2	
LOLL	35C5	
LTP	1A/C5	5341
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
MXTO,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	ISSUE
6S	988

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LEAD INDEX FOR TABLE I

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION CKT (LV)		
OF	45D0	
OFF0-3	45F0	
OFF4,5	45B2	
OFF6-9	53G7	
OFT0-2	45D2	
PTK	46B7	
RC	47E0	
RCT	47C2	SEE MTC CKT
RCT1-15	47D2-F2	
RI	47G5	
RN4,7	48E0	
RNT0	48B5	
RPT	48F5	
RS0,1	48G5	
RS9	48H5	
RSK	48B7	
S0	49B0,G0	
SPL	50E0	
STR	3G8	1B/F7
T0-9	50F5	
TBI	51B0	
TCA	51F0	
TF0,1,2,4,7	51B5	
TH0-9	43D7	
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 1B/F7
TSG		
TSL	54F0	SEE MTC CKT
TTC	54F2	SEE MTC CKT
TVS	8F6	53A1
TVT0,1	8E6	
U0-9	55A0	
VF0-4	55E0	SEE MTC CKT
VFT0-4	55A2	
VG0,1,2,4,7	55C2-E2	
VG19	55A5	
VGT0-11	55F5	

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
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
3FB	30G7	6D/E0
3NA	30G7	6D/E0
4DG	31B0	6D/D3,23G0
4NE	31C0	6D/E0
4TT	31C0	6D/E0
5DG	31D0	6D/D3,23G0
5HT	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
11	31F2	5H/A3
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
ARO,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
BR2,4,7		6A/B0
BST	32F2	6B/D3
BT	32A5	5H/A3
BY		6C/D0
C	32E5	23C6
C0,1,2,4,7	32E5	5G/A0
CGA,B	32C7	6C/D3
CGT		6B/D3
CII-4		30E/E3
CI(1-4)T	33F0	22H6
CI8	587	1B/D0

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
CIFAT	33A2	22H6
CK	33B2	22H6
CKO		22H6,5D/D0
CKI		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
CL8		5H/H6
CM3	33G5	26A/A0, 26B/B3
CMA	33A7	7D3,26A/A0, 26B/B3
CMB	33C7	7D3,23C6, 26A/A0, 26B/B3, 30F/D4
CMC	33D7	7D3,26A/A0, 26B/B3
CNR	34A5	6D/E0
CNS		5H/A3
CON	34C5	6B/D3
CP0,1,2,4,7	34D5	6D/D3
CR	34E5	5H/A3
CR0,1,2,4,7		5F/H3
CRR0-2		6D/D3
CS0-29	34A7	6B/C6
CSG1,2	34C7,D7	6E/C5
CSW	43F5	6C/D3
CTA0-2	34E7	6E/C7
CTMB	34E7	56A3
D	34G7	6C/D0
D0,1,2,4,7	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
F0,1,2,4,7	36C5	5G/A3

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
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
FG0	36F7	5E/E4
FG1	37B0	5E/E4
FNA	37E0	6C/D0
FNB	37F0	6C/D0
FS0-4		5E/E4
FS5-19		5E/B7
FT0-3	37C7	5E/D0
FTC	37E7	6E/D3
FTCK	37F7	6C/D6
FTT0-3	38B0	6B/D3
FU0	38D0	5E/D0
FU1,2,4,7	38F0	6B/D3
FUT0-9	3882-D2	6B/D3
FV0	38D2	5H/H6
G	38E2	6E/C0
G0,1,2,4,7	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
H0	38D7	5G/A3
H1,2,4	38D7	5G/A6
H7	38F7	5G/A6
HD	3980	26A/A0, 26B/B3
HF	39C0	6C/D3
HFA	52G2	6D/E0
HG0,1,2,4,7	3900	5E/D0
HGK	39G0	6B/D3
HGT0-9	39A2	6B/D0
HMS1	39C2	5E/E4
HN0	39A5,D2-F2	22H6,56A0, 30E/G0
HT0,1,2,4,7	39D5	5H/H6
HTR	39G5	6C/D0
ICK	39C7	23C6
INC	39C7	5F/G7
IR	39E7	23C6
IRL	52C7	26B/B3 30E/E3
IRY		
J0,1,2,4,7	40A0	5G/A6
JSQ0-5	40B2	6E/C7
K0,1,2,4,7	40D2-F2	5G/A6
KJSQ	40C5	6E/C7
L0,1,2	40C5	5G/A6
L4	40C5	5H/A0
L7	40E5	5H/A0
L50	40A7	6D/D3,23G0, 30E/B7

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
LCK	40F7	6B/D3
NH	44F0	6C/D3
LOT		6C/D3
NN	44G0	6C/D3
LHM	41C0	6E/C7
NOB	44A2	6D/D3
LHMT	41D0	6E/C7
NOB'		6D/D3
LI		6C/D0
NOBT	44D2	6E/D3
LK1	41A2	6C/D3
NSP	42C0	23C3
LK2	41B2	6E/C0
NT	44G2	6C/D3
LK3	41C2	6E/C0
NTCW	44H2	30B/E5
LLO,1,2,4,7	41D2	5B/H2
NTH	44B5	6E/C0
LLI	41G2	6E/D3
NTT	44B5	6C/D6
LLJ	41H2	6E/C7
NTVB	44C5	30B/E5
LLP2	41H2	
LOLD		6E/E5
OA	44C5	5H/A3
LOLL	35B5	6E/C5
OB	44E5	5H/A3
LR	41A5	5E/E4
OBS	44A7	6D/D3
LST	41B5	6D/D3,23G0, 30E/B7
OBS'		6D/D3
LT	41C5	5H/H6
OBS1	44D7	6C/D3
OBS2		6C/D3
LTI	30E7	5H/A3
OBST	44F7	6E/D3
LT2	41F5	5H/A3
OCI	4580	6E/C0,27H7
LVF	41B9	7D3
LVM	41C9	7E3,6E/C5
M	41E7	6C/D6
MO-2,4	42C5	133E3
M7	41F7	5H/A0
MII		7D3
MAK1	42C0	6C/D0
MB0,1,2,4,7	42F0	6D/E0
MC	4282	22H6,30E/E3, 56A3
MF	42C2	6C/D0
MKS	7F0	2A/F0
MKT0-3	7E1	3E3,28C3
MKT4,5	7E1	3E3,28C3, 111E5
MKT6,7	7E1	3E3
MKT8-11	7E1	3E3,111E0
MLF	42E5	6C/D0
MLFA	42F5	27H7,10484
MLV	42G6	7E3
MOI	4287	6E/D3
MOA	42D7	22H6,30E/E3, 56A7
MON		5H/A3
MPP	42F7	5F/G7,G9
MPT		6C/D7
MRL	4380	6C/D6
MT1K	43G0	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	43D6	703
N7	42C5	133E3
NAMA	43F5	6D/E0
NC	43F5	6C/D3
NDK		5F/H0
NOT	43A7	6B/D3
NGK	44C0	5H/A0

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
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	4580	6E/C0,27H7
OCN	4580	6D/E0
OF	45D0	22H6,30E/E3
OFF0-5	45A2,F0	22H6,30E/G0, 56A0
OFF6-9	53G7	23G0,56A0
OFH		6C/D0
OFT	45E0	22H6,30E/G0, 56A7
OFTG-2	45D2	23G0,56A3
OPI	4562	22H6
OR	4585	6D/E0
OS0-4	45C5,D5	5F/H0
OSC	45E5	6E/D3
OSE		6D/D3
OSG0-4	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	46G0	5F/G7
PCK	46A2	26A/A0, 26B/B3
PCR	46B2	5F/G7
PD	46D2	5H/A0
PHC	46F2	5F/G7
PK	46G2	5H/A0
PLL	46H2	5F/G7
PR	1F/G7	155C0
PRCY		60D3
PRL	46D5	26A/A0, 26B/B3
PS	46E5	5H/A0
PSI	52G5	6E/D3
PSG	38C7	5A/G3
PT	46G5	23C6,56A3
PTI	46A7	23C6
PTK		6C/D0
PTP	1C/B8	2487,258/D0
PTR	46D7	26A/A0, 26B/B3

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
PTS	9C6	2487,258/D4
PTT(-)	9C7,46F7	25A/A5, 258/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	4740	6C/D0
RBT	47C0	6E/D3
RBT1	47D0	6C/D6
RC	47E0	6E/C0
RCK2		6C/D0
RCT	47C2	6E/D3
RCT1-15	47D2-F2	6C/D6
RCY	47G2	58/F7,16A2, 27H7,30B/E5
RD	47A5	23C6
RD3		30E/G0
RDL	4785	23C6
RI	4705	5F/H0
RK	4787	22H6,30E/E3
RL	47F7	22H6,30E/G0, 56A7
RLA	4880	22H6,30E/E3, 56A3
RLK	4890	26A/A0, 26B/B3
RNO,1,2,4,7	48D0,E0	6D/E0
RNK		5H/A3
RNT0,1	4885	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
RP0-4		5F/H3
RPAB		5F/H0
RPB		5F/H0
RPSA		5F/H3
RPT	48F5	23G0,30E/B7, 56A7
RS0-9	48G5,H5	6C/D3
RSK	4887	6C/D6
RT0-3	4807,E7	27H7,10484
RTC	48G7	30B/A5
RVI	33E2	5B/H3
S0-4	4980	6E/C0
S5-9	4960	6E/D3
SA	30C7	23C3
SB	49C2	6E/D3
SBT	49D2	6E/C0
SC		6D/D3
SCB	49F2	6C/D3
SCK	49G2	5H/A3

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL CKT (MTC)		
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	4987	6B/D3
SLCK	49D7	
SQN		6D/D3
SP	15C3	3F7
SPC	15C3	3F7
SPL	50E0	5E/E4
SRK		6C/D0
SRT	50A2	6E/D3,7D3
SRT1	50C2	6E/C3
SSA,B	50D2	6D/D3
STP1,2	50F2	6B/D3
T0-9	50F5	22H6,30E/G0, 56A0
TAN	50A7,G5	5F/G7
TAN1-4	50B7	5F/G7
TAN5		6C/D0
TB	50C7	6E/D3
TBH		6C/D0
TBI	51A0	5F/H0
TBL	51C0	23C6
TBT	51D0	6E, 30E/E3
TC		5H/A3
TCI	51F0	6C/D0
TCK1		6C/D0
TCT	51D2	23C6
TDCT	51E2	6E/D3
TEA		30E/E3
TET	51G2	22H6
TF0,1,2,4,7	51B5	5E/E4
TFA	51A5	6E/D3
TGR		30E/E3
TH0-6	43D7-G7	22H6,30E/G0, 56A3
TH7-9	44A0	22H6,30E/G0, 56A3
TH'0,1		6B/D0
THC	51G5	5F/G7
THGT0-9	51B7	6E/C5
THT0,1	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 6S | ISSUE 102A

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MASTER TEST CONTROL CKT (MTC)

DESIG	LOCATION FS	LOCATION CAD
TKT	51F9	7D3
TLH	52A0	6B/D3
TLV	5281	7E3
TM	6A0	1B/D0,6C/D6
TMK	52B2	6C/D6
TMK1	52C2	6C/D6
TNK	52D2	6C/D0
TNO	52F2	22H6
TOB1,2	52G2	6D/E0
TOL	52B5	5F/G7
TOP	52C5	22H6,30E/E3, 56A3
TOSO-4	52D5	6E/C0
TP	52D5	5H/A3
TP'	52F5	6B/D3
TPT	52G5	23G0,30E/B7, 56A7
TR	52B7	22H6,30E/G0, 56A7
TR1	52C7	6E/C0
TR2	30E7	6C/D0
TRA	52E7	21B7,22H6, 30E/E3,56A7
TRB1(-)		25A/G5, 30C/G0
TRK	30E5	6C/D0
TRL	53E2	6C/D0
TRL1	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
TSCS		5H/H6
TSE	54B0	6C/D3
TSE1,2	54C0,D0	6E/D3
TSK	54E0	6E/C3
TSL	54F0	22H6,30E/E3
TSM		27H7
TSO	5B1	1B/H4
TST	10E5	5H/A3,2187
TT	5482	5B/H6
TTO,1,2,4,7	50D5	5H/H6
TTC	54F2	6E/C0
TTL	8E8	2A/F0,1883
TTP	1A/C7	1883
TTT	54B5	6E/C0
TVFTO-4	54F5	6E/C5,2B80
TVGTO-11	54F5	6E/C5,2B80
TVGT12,13	54G5	6E/C5
TVS	8F1	1883
TVT		6D/D3
TVTO,1	8E1	
TVT2-5	8E2,54D7	17E7
U0-9	55A0	22H6,30E/G0, 56A0
UK	55DC	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
VGT12,13	32D7	6B/D0
WT		6C/D3
XII	55C7	5H/A3
XAN		5E/E4
XFT	56G0	6B/D0
XT	5780	23C6

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
A	31G4	20B/C4
ASP	3281	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	3581	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	3989	13D7
MG	42D4	20B/C4
MO	4289	20B/C4
MTO,1,2,4,7	4301	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	2180,C0
RSTIO-19	34C4,F4	20B/B7
RST-EMG	48C9	
RTIE	1981	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		
NGCT1	32E1		
NGCT2	3581		
NGCT3	36C1		
NGCU0-6	43D9-G9		
NGCU7-9	44A1		
OA	44D6	9H0	
OB	44G6	9H0	

NUMBER GROUP CONNECTOR CKT (NGC)

DESIG	LOCATION FS	LOCATION CAD	
NG	11E8		
NGI	11H8		
NGCTO	31H4		
NGCT1	32E1		
NGCT2	3581		
NGCT3	36C1		
NGCU0-6	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	3484	13B3	
RG16-19	34E4	13B3	

ORIGINATING REGISTER MARKER CONNECTOR (ORMC)

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1	13B0	
CNG	2783	3F3,111D0	
FRO-2	37A4-D4		
FRG	27A8	3F3,111D0	
RGO-9	34F1		
RG10-15	3484		
RG16-19	34E4		
RGG	2883	3F3,111D0	

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

DESIG	LOCATION FS	LOCATION CAD	
CNO-3	34A1-C1		
CNG	2783	3F3,111D0	
FRO,1	3784		
FRG	27A8	3F3,111D0	
RGG	2883	3F3,111D0	

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

DESIG	LOCATION FS	LOCATION CAD
RGO-9	34F1	
RG10-15	3484	
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	2708	3E3,111C0	
SO-9	49C1-E1		
S10-14	49A4,B4		
SG	2803	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	2708	
SG	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	5509	

PRETRANSLATOR CKT (PRT)

DESIG	LOCATION FS	LOCATION CAD
II	31F4	SEE MTC CKT
AO,1,2,4,7	3186	25B/D7, 25C/E0
BO,1,2,4,7	32F1	
CO,1,2,4,7	32F6	
CM3	3366	
CMA	33A9	
CMB	33C9	
CMC	33D9	25B/D7 25C/E0
CMK	3486	
GI	38C6	
GR	38G6	25B/D7, 25C/E0
HD	3881	
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	4881	25B/D7
SD	49C6	25B/D7, 25C/E0
TM	6D5	25B/D7, 25C/G3
TR	46E9	25C/E0
TR1	52C9	25C/E0
TR2	30E9	25B/D7, 25C/E0
TRB	14F3	25A/H5, 25B/D7
TRK	30E6	25B/D7, 25C/E0,
TRS	53B6	26A/G7 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	3784	
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	4284	22G3,30D/F5, 55G7
RL	47F9	22C3,30D/C5, 55G7
TCI	1A/C4	
TM	6E5,F5	17E7
TR	5289	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	11537
TST	54A2	11587

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
2DT	30G5	11505
II	31F2	11505
AO,1,2,4,7	3185	11500
AL	3187	11500
AMA	3107	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	3787	11503
FIC	37E7	11503
FTCK	37F7	11503
FUO,1,2,4,7	3800-F0	11503
FVD	3802	11503
GO,1,2,4,7	38F2	11503
GPA	38E5	11503
GPB	3805	11507

MASTER TEST FRAME CONNECTOR CKT

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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
LTI	30F7	115D3
LT2	41F5	115D3
MKTO,1	7E9	3E3,115D3
MOI	42B7	115D3
MRL	43B0	115D3
MT1K	43G0	115D3
MT2K	43A2	115D3
MT5	43C2	115C7
MT7K	43H0	115D3
MT8K	43D2	
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
TRL1,2	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
VGIO	55A5	115D5
X11	55C7	115D5

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
2DT	30G5	116D2
AO,1,2,4,7	31B5	116D0
AL	31B7	116D0
ALT	31C7	116D8
AMA	31D7	116D0
AMKS	7G9	116D0
ATKT	32C1	116D0
BO,1,2,4,7	32F0	116D0
BT	32A5	116D0
BY	32D5	116D8
CO,1,2,4,7	32F5	116D0
CGA,B	32C7	116D0
CIB	5F7	116DG
CKGI	33G2	116D0
CKR	33B5	116D8
CSGI,2	34C7	116D0
CSW	43F5	116D0
CTAO-7	34E7	116D0
CUO,1,2,4,7	34F7	116D0
DO,1,2,4,7	35C0	116D0
DCT	35A2	116D0
DIS	35D2	116D0
DISI	35F2	116D0
EO,1,2,4,7	36D0	116D0
F	36B5	116D8
FO,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
GO,1,2,4,7	38F2	116D2
GPA	38E5	116D2
GPB	38F5	116D6
HO,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
JO,1,2,4,7	40A0-C0	116D6
KO,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
MAKI	42C0	116D2
MKTO,1	7E9	3E3,116D2
MOI	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
TANI-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
TMKI	52C2	116D8
TOL	52B5	116D8
TP	52D5	116D6
TP'	52F5	116D8
TR2	30E7	116D4
TRK	30E5	116D4
TRL	53E2	116D4
TRL1,2	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
VGIO	55A5	116D4
X11	55C7	116D4

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

TBO-5	50D7,E7	119B7
TB6	52B2	119B7
TB7	33H0	119B7
TB8,9	36G5,H5	119B7
TSK	54E0	119B7

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)

AO,1,2,4,7	31B5	5G/H2
BO,1,2,4,7	32F0	5G/H2
CO,1,2,4,7 CI	32F5 1E/D4	5G/H2
DO,1,2,4,7	35C0	5G/H2,H6
EO,1,2,4,7	36D0	5G/H6
FO,1,2,4,7	36C5	5G/H6
GO,1,2,4,7	38F2	5G/H6
HO,1,2,4,7	38D7-F7	5G/H6,H9
JO,1,2,4,7	40A0-C0	5G/H9
KO,1,2,4,7	40D2-F2	5G/H9
LO,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	38O	
STRI	3C4	1B/A7
STR2	3C4	1B/A7
STRA	3D4	1B/G7
T8	14A8	1B/A7
TRBI	14A8	1B/A7
TRC	12B8	
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
TRB	14C8	30B/E0
TRBI	14C8	30B/E0
TRST	1E/D0	30B/E0
VUO,1,2,4,7	55E2-G2	30B/E0

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
ITR	30D6	118D8
2TR	30C9	118D8
AO,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	118D2
CNO-9	34A1,E1	118D8,119D0
CON	34C6	118D4
CSO-19	34A9	118D4,D6
CTO-2	34D9	119D0
DCT	35A4	118D6
DCTI	35B4	118D2
DISI	34E4	118D6
DRO-5	35E6	118D8
DRC	48D6	119D0
DRT	50B4	119D0
DTK	35E9	118D4
EXB	25E2	118D6
EXG	25E2	118D6
FAK	36B9	118D2
FBK	36C9	118D2
FCG	36D9	118D0
FCK	36E9	118D4
FM	37C1	118D2
FML	37D1	118D0
FRO-2	37A4,D4	118D8
FSO-4	37D6,E6	118D2
FTCK	37F9	118D6
FTKI	38A1	118D0
FU'O-7	38A4	119D0
FUTO,1,2,4,7	3884	118D8
GLH	38D6	118D0
GT2	38B9	118D0
GTL	38C9	119D0
HG'O,1,2,4,7	39F1	119D0
HGK	39G1	118D4
HGTO-9	39A4	118D4
HMSI	39C4	118D2
HTKI	39F6	118D0
HTR	39G6	118D6
IFK	46F6	118D8
ITR	39G9	119D0
JCO-4	40E1	118D0
JCK	40F1	118D2
JGO-4	40A4	118D2
JXPI	33A1	118D2
JXPA	40C4	118D2
LCO-9	40E9	118D6
LCK	40F9	
LDT	41A1	118D6
LFK	41B1	118D0

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
LK	41F1	118D8
LLO,1,2,4,7	41D4,E4	119D0
LLCK	48C6	119D0
LV2-9	41B9	118D8
LXPA	41H6	118D8
LXPI	41D9	118D8
MAKI	42C1	118D8
MLF	42E6	118D8
MRL	43D1	118D6
MXT	51D1	118D8
OBS1	44D9	118D6
OBS2	44E9	118D6
ON	2A2	118D2
OTT	45C9	
PO-9	45F9	118D0,D2
PA	46A1	118D2
PK	46F4	119D0
PNR	46A6	118D2
PRR	37B1	119D0
PS	46E6	119D0
RA	47A1	118D4
RAO-4	45D6,E6	118D8
RCY	47G4	118D2
RGO-3	34E1	119D0
RK	47A9	118D8
RKI-3	47D9	119D0
RL	47G9	119D2
RR	46C6	118D6
RTO-3	48G9	118D6
RTEO-4	38C1	118D6
SCB	49F4	119D2
SDG	41D6	119D2
SDT	49D6	118D6
SL	4989	118D8
SQI	42B1	118D0
SQA	50G1	118D0
SNX	49E9	118D6
SNR	46E1	118D4
STPI,2	50E4	118D4
STR	3F5	118D4
STRA	3G5	118D6
TA	54G1	118D2
TBO	5009	118D2
TBI	50E9	118D2
TB6	5284	119D2
TB7	33H1	119D2
TBK	51B1	118D0
TCI	51F1	118D8
TCHK	51C4	118D4
TCK	33F6	118D2
TGO-19	51D6,E6	118D2,D8, 119D2
TI	51C9	118D8
TIR	1468	118D6
TK	51F9	118D2
TM	52C1	118D6
TPO-4	4866	118D6
TRL	53E4	118D4
TRS	5386	118D4

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
TRS1	1F/G5	118D6
TRST	1F/G4	118D6
TSO-3	45G1	118D0
TS4,5	45A4	118D0
TS6-9	53F9	118D0
TS10-19	54A1	118D0
TSA	43G6	119D2
TSE	54B1	118D6
TSQO,1,2,4,7	3889	119D2
TTGO,1	3086,C6	118D8
VF'O-4	55G1	119D2
VFTO-4	55A4	118D4
VG'O,1,2,4,7	55C6	119D2
VG'10	55D6	119D2
VGTO-11	55F6	119D2
VTK1	55G6	118D2
WT	55A9	118D6
XBT	55E9	118D0
XCH	55F9	118D4
XCL	56B1	118D4
XCS	56D1	119D2
XHG	56B4	118D2
XI	57F4	119D2
XJC	56D4	118D0
XJG	56D4	118D0
XJS	56E4	118D2
XLC	56F4	118D4
XLG	56G4	118D4
XLH	56G4	118D2
XLO	56A6	119D2
XLR	5686	118D0
XLS	5686	118D0
XLV	56C6	118D0
XMRL	56D6	119D2
XRL	56C9	119D2
XSL	57A1	118D4
XSS	5781	118D0
XTBI	57D1	119D2
XTC	57E1	118D8
XTCI	57F1	118D8
XTGI	57G1	118D4
XTRK	57C4	118D0
XTRL	57D4	118D0
XTS	57D4	118D4
XTSI	57E4	118D4
XVGA	5786	118D8
XVGB	57C6	118D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 101A

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TRANSLATOR ACCESS CKT (TA)

DESIG	LOCATION FS	LOCATION CAD
1TR	30D6	149D1
2TR	30D9	149D1
CI-	1A/B2	15A2-D2
EF	50E4	149D1
EVG	44H6	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
VFO-4	55E1	149D1
VGO-5	33C6,D6	149D1
XET	56F1	149D1
XTL	57B4	149D1
XVF	57G4	149D1
XVG	57A6	149D1

TRANSVERTER CKT (TV)

DESIG	LOCATION FS	LOCATION CAD
1TR	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
CII	33D1	30D/E5
CIIT	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
CK1,2,4,7	33C4-E4	22A3,30D/B5
CKG	33F4	22H4,30D/E7
CMB	34E9	23B4,30F/B2
CPO,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
DIST	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
FABL	36F6	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
MOA	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
PS	46A1	22E3,30D/E5
PA	46A1	23B4,30F/B2
PT	46G6	23B4,30F/B2
PTI	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
RSTIO-19	34C4,F4	23H7
SC	49E4	22H4,30D/B7
SPC	30C9	23H7
SPL	50E1	23B4,30F/B2
T0-9	50E6	22A3,30D/B5
TBL	51D1	23B4,30F/B2
TBY	51E1	22E3,30D/E5
TCI	1A/C4	30G/D4
TCT	51D4	23B4,30F/B2
TEA	51F4	22E3
TET	51G4	22E3
TGR	51F6	22E3,30D/E5
TH0-6	43D9-G9	22A3,30D/B5
TH7-9	44B1	22A3,30D/B5
TIC	51D9	22E3,30D/E5
TIK	51D9	22H3,30D/G5
TM	6E5	17E7
TMI	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
VGO,1,2,4,7	55C4-E4	22A4,30D/B7
VGIO	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
CNO-2	33F9	7E7
CNG	27F3	17E7
FRO	37H1	7G7
FRI-3	37C4-E4	7F7
FRG	27F8	17E7
SO-9	49C1-E1	7B7
SIO-14	49A4,B4	8H0
SG	28G3	17E7
SWO,1,2,4,7	39E1	22A4,30D/B7
VFO-4	55E1	22B4,30D/B7

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

DESIG	LOCATION FS	LOCATION CAD
CNO-2	34A1	
CN3	34C1	
FRO-2	37A4	
RPO-4	48A6,B6	
RPA8	48C6	
RPB	48D6	
RPSA	48E6	

TRUNK LINK CKT (TL)

DESIG	LOCATION FS	LOCATION CAD
LCO-9	40E9	7F0
LVO	52B9	15D0
LVI	52H1	15D0
LV2-9	41B9	7F0

TRUNK LINK AND CONNECTOR CKT (TL&C)

DESIG	LOCATION FS	LOCATION CAD
LCO-9	40E9	
LVO	52B9	
LVI	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	
TSO-3	45F0	
TS4,5	45B2	
TS6-9	53F7	
TSIO-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	18/D0,109D0
CKGI	33G2	109D0
CSG1,2	34C7	109D0
CTAO-2	34E7	109D0
CU0,1,2,4,7	34F7	109D0
D0,1,2,4,7	35C0	109D0
DCT	35A2	109D0
DIS	35D2	109D2
DISI	35F2	109D2
E0,1,2,4,7	36D0	109D2
ECN	36G0	109D2
F	36B5	109D2
F0,1,2,4,7	36C5	109D2
FCK	36E7	
FGO	36F7	109D2
FGI	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
HMSI	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
LTI	30F7	109D4
LT2	41F5	109D4
MKS	7F8	2A/E3,109D4
MKTO,1	7E8	3B3,109D4
MOI	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
PCDI	46G0	109D4
PCR	4682	109D4
PK	46F2	109D4
RA	47A0	109D4
RBT	47C0	109D4
RBTI	47D0	109D4
ROG	48C2	109D4
RP	48F2	109D6
SB	49C2	109D6
SBT	49D2	109D6
SCK	49G2	109D6
TAN	50A7,G5	109D6
TANI-4	5087	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	18/D0,109D8
TM	6D0	18/D0,109D8
TMK	52B2	109D8
TMKI	52C2	109D8
TOL	52C5	109D8
TR2	30E7	109D8
TRK	30E5	109D8
TRL	53E2	109D8
TRLI,2	53F2,G2	109D8
TS	6E8	2A/E3,109D8
TSEI	54C0	109D8
TST	10F5	21A7,109D8
TTO,1,2,4,7	5CD5	109D8
TTR	54H4	15B3,109D8
TTRP	1E/D5	2A/E3,109D8
UTO,1,2,4,7	54F7	109D8
VFO-4	55E0	109D8
VGO,1,2,4,7	55C2,G2	109D8
VGIO	55A5	
XII	55C7	109D8

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
CIA	1F/D0	
CIAI	1F/D4	2A/F3
CIA2		2A/G3
CPI,2,4,8	38H1	11H1
CPI6	55D4	11H4
DIS	37D9	11H1
FTO,1	43E9	
FUO,1,2,4,7	43F9,H9	
GRPO,1	44B1	
LTO	44B1	
LTI,2,4,7	39F4	
LUO,1,2,4,7	3964	9H8
ON	2C1	
OP	1F/F0	
OPI	1F/F4	2A/F3
OP2		2A/G3
RSD	38E1	11H1
SD	37D9	11H1
SR	37D9	11H1
STR	3D0	18/A4
TER	37D9	11H1
TM5	55D4	11H4
TR8	12E2	18/H4
TR81	12E2	18/H4
TTO	3986	9H8
TTI	44E6	9G0
TT4	44G6	9G0
TT7	49E9	15C0
TU0	44C1	15C0
TU1	55D1	15C0
TU2	3989	15C0
TU4	52E4	15C0
TU7	46C9	15C0
WC	55H6	15C0

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MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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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
A0,1,2,4,7		155C7
AIOD		157D2
B0,1,2,4,7		155C7
C0,1,2,4,7		155C7
CDCO,1		157A7
CGA,B		157D0
CK		157D2
CKG		157D2
CTO,1,2,4,7		157D0
D0,1,2,4,7		155C7
DUAL		157D5
E0,1,2,4,7		155C7
ECTO-2		157D0
ECU0,1,2,4,7		157D0
EF		155D2
EVG		155D2
EVN		157D2
F0,1,2,4,7		155C7
FN		157D2
FNA,B		157D2
FTO-3		156D2
FU0,1,2,4,7		156D2
FUA0-4		155D2
G0,1,2,4,7		156D0
GC		155D5
H0,1,2,4,7		156D0
HG0,1,2,4,7		155D2
HMSI		157D2
HNO-9		156D5
ITR		157D2
J0,1,2,4,7		156D0
K0,1,2,4,7		156D0
L7		156D0
LTI-3		157D5
M80,1,2,4,7		157D0
MT		157D2
MTK		157D2
MU0,1,2,4,7		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)		
RCD0,1		157D2
RK3		157D2
RPT		155D5
SC		155D5
SLU		157D5
SMPA		156D0
SNG		157D5
SOG		157D2
SPTO,1		157D2
SPU0,1,2,4,7		157D2
T0-9		156D5
TBK		157D2
TBL		157D5
TBY		157D5
TFU0,1,2,4,7		156D7
TGR		155D5
TH0-9		156D5
TK		157D2
TM1		157D5
TM2		157D5
TNK		155D5
TNT0,1,2,4,7		156D7
TNU0,1,2,4,7		156D7
TPT		155D5
TRL		157D2
TVT		155D5
U0-9		156D7
VF0-4		155D2
VG0		156D2
VG1,2,4,7,10		156D2
VGA0-4		155D5
VGA5		155D5
X11		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
HNG-9		155E0
MT5		155E0
MTC0,1,2,4,7	16A/G1	155E0
ROTL	43D6	155B0
RTP	1F/G7	155B0
RVER	1E/F9	155B0
S0-9		155B0
T0-9		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

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MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 99A

BELL LABORATORIES SD-25805-01- A25

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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	R3,23
A0,1,2,4,7	31B5	S0,0-4
A'0,1,2,4,7	31B5-F5	R8,0-4
AC8	31G5	R2,35
ACD0	42G5	S8,5
AID	44F0	S3,28
AIO0	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
BWO-59	20E5-E8, 32C5	
BW60-119	20E5-E8, 32D5	
BWXO-3	32C5	
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
CHO-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 [CK6]	33C2-E2	R3,32-35
CKG	35A5 33E2,F2, 45E7	R5,20 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
CN10-15	34A2	S5,0-5
CN16-19	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
CTC,1,2,4,7	34D5	R5,0-4
CUO-2	42G0	R0,25-27
CU4,7	42B2	R6,28,29
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
DCT	35A2	S7,46
DCTI-3	35C2	S7,47,57, 50,51
DISI	35E2	S7,54
DLI-5	35H2	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
DRT	50B2	S8,3
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'0,1,2,4,7	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	47B5	R2,48
EX	25D0	R5,47
EXT	36G2	R3,57
FO,1,2,4,7	36C5	S0,25-29
F'0,1,2,4,7	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'0-3	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'0,1,2,4,7	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'0,1,2,4,7	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
GSI-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'0,1,2,4,7	39A0	R6,5-9
HGO,1,2,4,7	39E0	R1,15-19
HG'0,1,2,4,7	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'0,1,2,4,7	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'0,1,2,4,7	40A5	R6,15-19
LO,1,2,4,7	40C5-E5	R7,20-24
L'0,1,2,4,7	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	3802	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
LXP1	41D7	S8,36
LXPA	41H5	S7,41
MO	42B5	S0,A
M1	42B5	R8,A
M2	42B5	R7,A
M4	42B5	R6,A
M'0	42C5	R4,A
M'1	42C5	R3,A
M'2	42C5	R2,A
M'4	42C5	R1,A
M11	4280	R5,21
MAKI	42C0	S8,24
MAN	42D0	S3,6
MBO,1,2,4,7	42G0,82	R5,5-9
MF	42C2	S7,2
MG	42D2	R1,32
MIR	42E2	S8,10
MKR	42A5	S8,15
MLF	42E5	S7,0
MLV	42G5	S8,5
MO	42B7	R1,31
MOR	42E7	S8,9
MOS	42F7	S8,11
MPT	43B0	S3,27
MRL	43B0	S7,55
MT	49F2	R7,57
MTO	36G7	S4,18
MTI	3780	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	42C5	R5,A
N'7	42C5	R0,A
NC	43F5	S3,24
NDI	43G5	R4,36
NDK	43G5	R4,37
NE	43B7	S8,37
NGCTO	31H2	R4,52
NGCT1	32E0	R4,53
NGCT2	35B0	R4,54
NGCT3	36C0	R4,55
NGCU0-6	43D7-G7	R4,0-6
NGCU7-9	44A0	R4,7-9
NGK	44C0	R4,23
NGK1	44E0	R4,28
NH	44F0	S3,28
NID	50F0	S3,23
NN	44G0	S3,29
NOB	4432	S3,9
NOB'	44C2	S2,27
NOC	44D2	R5,55
NR	44E2	S7,34
NRDO	3580	R2,55
NRDI	39C5	R2,56
NS	44E2	R2,59
NSI	44F2	S7,13
NSO	44F2	S7,12
NSP	4280	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
OBSI,2	44D7,E7	S4,16,17
OC	42B7	R1,31
OCN	4580	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
OFH	45D2	R2,8
OFTO-2	45D2	R4,44-46
ON	2F1	
OPI	45G2	R2,32
OPR	45B5	R5,42
OR	45C5	S4,9
ORK	47D7	S8,56
OSO-4	45D3,E5	S1,8-12
OSE	45E5	S1,13
OSGO-9	45F5,G5	S1,0-5, 24-27
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
PCO	46G0	S5,11
PCOI	46G0	S5,12
PCK	46A2	S3,16
PCR	46C2	S5,10
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WADS LINE CONCENTRATOR NO 2A	WC	45G6

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
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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	6004	8780,C0
DTN	9686	8780,C0
E'0,1,2,4,7	67D4	88C0,F0
F'0,1,2,4,7	67G6	88C0,F0
HRI	93C4	8780,C0
IPA	93F1	8780,C0
LC	96G6	8780,C0
ONL	2F6	87H0
OTO	9384	8780,C0
P	82F6	88E3,F0
PI	95C6	88E3,F0
PAK	9501	8780,C0
PT	9581	88E3,F0
PTI	96G4	88E3,F0
PTS	94D6	88E3,F0
RC(-)	21B2	6783-F3,D8-F8,6800-F0,87E0,9501
RCCK	11F5	6783-F3,D8-F3,6800-F0,87E0,9501
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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
TO,1,2,4,7	91E4	87E4,E7
TBL	77D9	88E3,F0
TCNO,1	63E9	
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TCN10-15	64G1	
TCN16-19	64D4	
TNR	77D9	
TBLE	19D4	
TBLO	19G4	
TRB	14C2	6783-F3,D8-F8,6800-F0,87E0,9501
TRCA	28A8	6783-F3,D8-F8,6800-F0,87E0,9501
TRCB	28A8	6783-F3,D8-F8,6800-F0,87E0,9501
TRCC	2888	6783-F3,D8-F8,6800-F0,87E0,9501
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XP1	80D4	8780,C0
XT1	86F6	8780,C0
XTC	9686	88E3,F0
XTL	9684	8780,C0
XTP	8004	
XU1	80E4	8780,C0

AMA TRANSLATOR (AMAT)

DESIG	LOCATION FS	LOCATION CAD
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GA	29G/C4	9080
GB	29G/D4	9080
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ANI TRANSVERTER (ATV)

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DIST	66E4	55D3
DNK	8409	55D7
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FUO,1,2,4,7	6989	
GC	95E4	
GO,1,2,4,7	70E4	
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HNO-4	72G1	55D3
HN5-9	72C4	55D3
MB	9H3	53E6,G6
MB1	9H3	53E6,G6

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
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OFF5	9006	55D3
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PT	9581	55F7
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RL	7684	
RLA	82C1	55F7
RPT	70G1	
SC	85D1	
TO-4	86H4	55D3
T5-9	86C6	55D3
TGR	94E4	55D7
TH0,1	78C4	55D3
TH2	78E4	55D3
TH3,4	78F4	55D3
TH5-9	7886	55D3
TIK	89E1	55F7
TM	6F5	
TM2	85E4	55D3
TNK	9689	5543
TOP	89G9	55F7

ANI TRANSVERTER (ATV)

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TRS	9004	55A3
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TTT	84B4	53F7
TVA	1A/A0	53D6,G6
TVB	1A/A1	53D6,G6
TVT	11D2	
TVTA0	8E4	53G6
TVTA1	8E4	53E6
U0-4	91D9	55D3
U5-9	91F9	55D3
VG0,1	92E6	
VG2	9206	
VG4,7	92B9	
VG10	92D9	
X	76C9	55D7
XET	89F1	55D7
XRL	70C9	55F7
XTL	75E9	55D7
XVF	85F6	55D3
XVG	62E1	55F7

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
ITR		55A7,9884
2TR		55A7,9884
A0,1,2,4,7		55A0,9884
B0,1,2,4,7	SEE ATV CKT	55A0,9884
C0,1,2,4,7		55A0,9884
CKI		9884
CMB		9884
CN0,1	63F6	98F0
CNG	27G3	54E7,G7
D0,1,2,4,7		55A0,9884
DIST		9884
DNK		9884
E0,1,2,4,7	SEE ATV CKT	55A0,9884
F0,1,2,4,7		55A0,9884
FR0	68B6	98F0
FRG	27F8	54E7,G7
FT0-3		55H3,9884
FU0,1,2,4,7		55A7,9884
G0,1,2,4,7	SEE ATV CKT	55A0,9884
GC		55A7,9884
H7		55A0,9884

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
HG0,1,2,4,7		55A7
HN0-9		9884
MC		9884
MOA		9884
NOB		9884
OBS		9884
OFF0-9	SEE ATV CKT	9884
OFT0-2		9884
P		9884
PT		9884
RL		55E7,9884
RLA		9884
RPT		55B7,9C94
SO-9	84E9	98F0
SC	SEE ATV CKT	55H3,9884
SG	28H3	54E7,G7
SW0,1,2,4,7	71G1	55A7,9884
TO-9		9884
TGR		9884
THO-9		9884
TIK		9884
TM		54E7,G7
TM2	SEE ATV CKT	9884
TNK		9884
TOP		9884
TPT		55A7,9384
TR		55E7,9884
TRA		9884
TRIT		55A7,9884

ANI TRANSVERTER CONNTECTOR (ATVC)

DESIG	LOCATION FS	LOCATION CAD
TRL		9884
TRS		5547,9884
TTT		9884
TVT		54F7,G7
U0-9	SEE ATV CKT	9884
VF0	92F1	55A7,9884
VF1-4	92G1	55A7,9884
VG0,1,2,4,7,10		55H3,9884
X	SEE ATV CKT	9884
XET		9884
XRL		9884
XTL		9884
XVF		9884
XVG		9884

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

MCA	96D9	

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)

G0-19		101E6
GA		101E6
GB		101E6
TLR	87F1,G1	
TLR0-29	6409	101D6

AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)

DESIG	LOCATION FS	LOCATION CAD
GC	28D8	53C6,E6, 10186,152D4, D7
TRG	28F8	53C6,E6, 10186,152C7, D4

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

2DT	59E0	
2W	59E2	
4W	5985	
11	59F5	
A0,1,2,4,7	59C7	
A*0	59D7	738/B3
A*1	59E7	738/B3
A*2	59G7	738/B3
A*4,7	6080	738/B3
AMA	76C0	
AOT	60E2	
AR0,1	60H2	
AR2,4,7	6085	
AVKI	60D5	
B0,1,2,4,7	60F5	
B*0,2,4,7	60G5	738/B3
BR0,1,2,4,7	60E7	SEE MTC CKT

SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

C0,1,2,4,7	61D2	SEE MTC CKT
C'0,1,2,4,7	61E2	738/B3
CD0,1	61C5	SEE MTC CKT
CD2,4,7	61D5	SEE MTC CKT
CD'0,1,2,4,7	61E5	738/A3
CDA0,1,2,4	61E5	
CDA7	61G5	
CDA'0,1,2,4,	61B7	SEE MTC CKT
CDA'7	61C7	
CI	1F/C7	738/E0
CL1,2,4	63G0	
CL3	63G0	
CL5	6382	
CL6	63C2	
CL7	63D2	
CL8	63E2	SEE MTC CKT
CP0	6485	
CR	6405	
CR0,1,2,4,7	64F5	
CT'0,1,2,4,7	61E5	
CTA0	6582	
CTA1,2	65C2	
CTA4,7	65D2	
CU0,1,2,4,7	65C5	
D	65F5	
D0,1,2,4	65H5	
D7	6587	
D'0,1,2,4,7	65D7	738/B3
DAT	65F7	
DCK	6505	
DCT	66E0	
DLI-3	66G2	
DL4,5	66G2	
DL6	66H2	
DR0-9	66C7	738/B0
DRT0,1	2680	738/B0

SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DTF	67D0	
DTI	67E0	
E0,1,2,4,7	6782	
E'0,1,2,4,7	67D2	738/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	738/B3
FAC	67D7	
FAX	67F7	
FBK	67G7	
FG0	68F0	
FG1	68H0	
FG2	68C2	
FS0-2	6865	
FS3,4	68C7	
FS5-7	68D7	
FS8,9	68E7	
FS10-14	68F7	
FS15-19	68G7	
FS20	6980	738/C0
FS21	69C0	738/C0
FS22-26	69D0	738/C0
FS27-29	69E0	738/C0
FT0-3	69G0	
FU0,1,2,4,7	69C7	SEE MTC CKT
FY0	70C2	
G0,1,2,4,7	70E2	
G'0,1,2,4,7	70F2	738/B3
H0,1,2,4	70F7	SEE MTC CKT
H7	7180	SEE MTC CKT
H'0,1,2,4,7	71C0	738/B3
HG0,1,2,4,7	71G0	SEE MTC CKT
HMS1	72E0	SEE MTC CKT

SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

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	
K0,1,2,4	74G0	
K7	74B2	
K'0,1,2,4,7	74C2	738/B3
L0,1,2,4	74F2	SEE MTC CKT
L7	74H2	SEE MTC CKT
L'0,1,2,4,7	7485	738/B3
LC0	74D5	738/B0
LC'	74F5	738/B0
LC2	74G5	738/B0
LC3	7487	738/B0
LC4	74D7	738/30
LC5	74E7	738/B0
LC6	74F7	738/B0
LC7	7580	738/B0
LC8	75D0	738/B0
LC9	75E0	738/B0
LI0	75H5	
LI1	7587	
LR	7682	
LRI	76C2	
LT	76E2	
LT1	76F2	
LT2	76H2	
LT3	7685	
LV0,1	76C5	738/B0
LV2-9	76D5	738/B0

SEE MTC CKT

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

M0,1,2,4	61F5	738/E3
M7	61H5,78C0	SEE MTC CKT
M'0,1,2,4	61B7	738/E3
M'7	78D0	738/B3
M11	76D9	73A/A5
MF	77F0	SEE MTC CKT
MIR	77G1	738/C0
MON	77E2	SEE MTC CKT
MOR	77E4	738/C0
MOS	8684	738/F0
MTRI	12C8	738/F0
N7	7880	738/E3
N'7	78D0	788/E3
NOK	78G0	SEE MTC CKT
NTB	79E5	
OA	79G0	SEE MTC CKT
OB	79B2	SEE MTC CKT
ON	2A1	738/F0
PC0	80E7	
PC0I	80G7	
PCR	81C0	
PD	81D0	
PHC	81G0	
PK	81H0	
PS	81B5	

SEE MTC CKT

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	988

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AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
RIK	82G5	
RO	83F5	
RP	83F7	
		SEE MTC CKT
SCK	85F0	
SCN	85G0	
SCT	85G0	
SPL	8680	
SRT	66E7	
STR	380	73B/F0
STR1	3C8	
STRA	3D8	
STRC	3D8	
TAN	86B7	
TAN1	86D7	
TAN2	86E7	
TAN3	86G7	
TAN4	87C0	
TCA	87E5	
TCB	87G5	
TCC	87H5	
TF0-2	88F0	SEE MTC CKT
TF4,7	88G0	
THC	8805	
THT0	88G5	
THT1	88C7	
THT2,3	8980	
TOL	89E7	
TP	9080	
TRA	10E3	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
TT0,1,2,4,7	91F2	

AUTOMATIC MONITOR REGISTER SENDER TEST (MON)

DESIG	LOCATION FS	LOCATION CAD
UT0,1,2,4,7	92E0	
VF0	92F0	SEE MTC CKT
VF1-4	92H0	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	
XII	9480	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
2DT	59E0	
2W	59E2	
4W	59B5	
11	59F5	SEE MTC CKT
A0,1,2,4,7	59C7	
AKT	488	72B7
AL	6082	
ALT	60C2	SEE MTC CKT
AMA	76C0	
AMKS	7F6	72D7
ATKT	6086	SEE MTC CKT
ATP	1E/D6	72D7
B0,1,2,4,7	60F5	
BT	61C0	SEE MTC CKT
C0,1,2,4,7	61D2	
CDNK	61E7	10AD7
CGA	6280	SEE MTC CKT
CGB	6280	SEE MTC CKT

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
CI8	5D7	
CKG1	6380	SEE MTC CKT
CKR	6300	
CKR1	63F0	
CN	63F5	104D7
CRU0,1,2,4	64G5	
CRU7	64C7	
CSG1,2	64E7	
CTA0	6582	
CTA1,2	6582	
CTA4,7	65C2	
CU0,1,2,4,7	6585	
D0,1,2,4	65H5	
D7	6587	
DATK	66C0	
DCT	66E0	SEE MTC CKT
DIS	66C2	
DIS1	6602	
DLTK	6685	
E0,1,2,4,7	67B2	
ECN	67E2	
EF0,1,2,4,7	6585	
F	67E5	
F0,1,2,4,7	67G5	
FAC	67D7	
FCK	68E0	
FG0	68F0	
FG1	68H0	
FG2	68C2	
FS0-2	68G5	104D7
FS3,4	6887	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	69B0	104D7
FS21	69C0	104D7
FS22-26	69D0	104D7
FS27-29	69E0	104D7
FT0-3	69G0	
FTC	69G2	
FTCK	69H2	
FU0,1,2,4,7	69C7	
FV0	70B2	
G0,1,2,4,7	70E2	
GPA	6005	
GPB	7005	
H0,1,2,4,	70F7	
H7	71C0	
HG0,1,2,4,7	71G0	
HMS1	72F0	SEE MTC CKT
HT0,1,2,4,7	72F2	
INC	72C7	
J0,1,2,4	73D0	
J7	73E0	
K0,1,2,4	7400	
K7	7382	
L7	74H2	
LB	74C5	
LHM	7505	
LHMT	75E5	
LK2	75F5	
LK3	7680	
LT	76E2	
LT1	76F2	
LT2	76G2	
LT3	7685	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
MKT(-)	7E6	104D7
MOI	77C2	
MRL	77G2	
MT1K	77B5	
MT2K	77D5	SEE MTC CKT
MT5	77E5	
MT7K	77C5	
MT8K	77G5	
MT9K	77H5	
MT10K	7787	
MT12	7787	
MTL	7C9	72B7
NDT	78H0	
NH	78H5	SEE MTC CKT
NOB	78D7	
OA	79G0	104D7
OB	7982	104D7
OFF6-9	90F5	
OR	79E5	
OSC	8080	SEE MTC CKT
OTT	80F2	
OV	80G2	
PC0	80E7	104D7
PC01	80G7	104D7
PCR	8180	SEE MTC CKT
PHC	81G0	104D7
PK	81H0	
RA	81G5	
RBT	81G5	SEE MTC CKT
RBT1	81H5	
RC	8187	
RCT	81C7	
RCT1	81D7	
ROG	83C7	34A/D6

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
RP	83F7	
RS0	84C2	
RS1	84E2	
RSK	84D5	
S0-9	84F7	
SB	8580	
SBT	85C0	
SCK	85F0	
SRT1	86F0	
TAN	86C7	
TAN1	86D7	
TAN2	86E7	
TAN3	86G7	
TAN4	87B0	
TB	87D0	
TBT	87B5	
TBT0-4	72C2	
TBT5-9	72E2	
TBTA	87B5	
TBU0-4	8685	
TBU5-9	86E5	
TBUA	87C5	
TCA	87E5	
TCB	87G5	
TCC	87H5	104D7
TDCT	8880	SEE MTC CKT
TF0-2	88F0	
TF4,7	88G0	
THC	8805	104D7
THT0	88G5	
THT1	88C7	
THT2,3	8980	
TI	89C1	SEE MTC CKT
TM	6C0	
TMK	8985	
TMK1	89C5	
TOL	89F7	
TP	9080	

AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
TP'	90C0	
TRK	59C0	
TRL	90G0	SEE MTC CKT
TRL1	90G0	
TRL2	90H0	
TS	6G8	72D7
TS0-3	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	10G5	
TT	91C2	
TT0,1,2,4,7	91E2	
TTC	91G2	
TTC1	91H2	
UT0,1,2,4,7	92D0	SEE MTC CKT
VF0	92F0	
VF1-4	92H0	
VG0,1	92F5	
VG2	92G5	
VG4,7	9287	
VG10	92D7	
XII	9480	

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD
2W	59D2	108D0
A0,1,2,4,7	59C7	108D0
ARET1	91F6	108D0
ASK	8665	108D0
B0,1,2,4,7	60F5	108D0
BT	61C0	108D0
BY	94C5	108D0
C0,1,2,4,7	61D2	108D0
CGA	6280	108D0
CGB	6280	108D0
CI	1E/D2	108D0
CI8	5D7	108D0
CIK	67D7	108D0
CKG1	6380	108D0
CRU0,1,2,4	64G5	108D0
CRU7	64C7	108D0
CSG1	64E7	108D0
CSG2	64E7	108D0
CTA0	6582	108D0
CTA1,2	6582	108D0
CTA4,7	65C2	108D0
CU0,1,2,4,7	6585	108D0
D7	6587	108D0
DCT	66E0	108D0
DIS	66C2	108D0
DIS1	6602	108D0
EF0,1,2,4,7	6585	
EXT	67D5	108D0
FM	68E2	108D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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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
JSQ0	73G7	108D2
KJSQ	74D2	108D2
LHMT	75E5	108D2
LK2	75F7	108D2
LK3	76B0	
LL0	88G5	108D2
LL1	88B7	108D2
LL2	88E7	108D2
LL4	88F7	108D2
LL7	88G7	108D2
LGLL	76G0	108D2
LT	76E2	108D2
MKS	7FS	108D2
MKT(-)	7E5	108D2
MOI	77C2	108D2
MRL	77G2	108D2
MT1K	77C5	108D2
MT4K	77E5	108D2
MT7	77F5	108D2
MT8K	77G5	108D2
MT10K	7767	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
STPI	86C2	108D5
STP2	86E2	108D5
STR	3E0	108D5
STRI	3C8	108D5
STR2	3C7	108D5
STRA	3D7	108D5
TB	87D0	108D5
TCHO-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	9287	108D5

BILLING DATA TRANSMITTER (BDT)

DESIG	LOCATION FS	LOCATION CAD
AO	69B4	131B3
AI	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
ATI	76G4	90D3
AT2	7686	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
QINO,1,2,4,7	64F6	90D5
QITO,1	9009	90D5
QIT2	90E9	90D5
QRTO,1		
QRUO,1,2,4,7	60E9	90D3
QTK	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 (C&C)

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	5989	
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	7781	
CU4,7	77C1	
CUG	29G/B5	153D1
DO,1,2,4	65G5	
D7	6589	
DG	29G/B5	153D1
DUAL	78G6	
EO,1,2,4,7	6784	
ECO-2	65C6	
ECTG	29G/B6	153D5
ECUO	6581	
ECUI	65C1	
ECU2	65E1	
ECU4,7	6281	
ECUG	29G/B6	153D5
EG	29G/B5	153D1
EVN	92F4	
FO,1,2,4,7	67F6	
FG	29G/B5	153D1
FGO	68F1	
FGI	68G1	
FG2	6884	

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
HMSI	71C6	
ITR	71H6	
JO,1,2,4	73C1	
J7	73E1	
JG	29G/B5	153D1
KO,1,2,4	74F1	
K7	74B4	
KG	29G/B5	153D1
L7	74G4	
LT	8584	
LTI	91C4	
LT2	59D1	
LT3	70B4	
MT	72C1	
MTO	83G1	
MTI	83H1	
MTG	29G/B6	153D5
MTK	92D4	
MUO	8384	
MUI	83C4	
MU2	83D4	
MU4	83E4	
MU7	83E4	
NOB	78D9	
NROO	81E9	
NRO1	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	9066	
OFFG	29G/B6	153D5
OFTO-2	9089	
OFTG	29G/B6	153D5
PPSP	87E6	
RCDO	92C6	
RCDI	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	7086	
SPTI	9281	
SPTG	29G/B6	153D5
SPUG	29G/B6	153D5
SPUO	80C9	
SPUI	85E6	
SPU2	63C1	
SPU4	6301	
SPU7	59G6	
TO-4	86H4	
T5-9	86D6	
TBK	71H4	
TBL	77G9	
TBY	93E6	
TFQ-2	88F1	
TF4,7	88G1	
TFTO-2	69E9	
TFTG	29G/B6	153D5
TFUO,1,2,4	92F9	
TFU7	9381	
TFUG	29G/B6	153D5
TG	29G/B6	153D5
THO,1	78C4	
TH2	78E4	
TH3,4	78G4	
TH5-9	7886	
THG	29G/B6	153D5
TK	86F4	
TMG	29G/B6	153D5
TM2	85E4	
TNTO,1,2,4,7	7184	
TNTG	29G/96	153D5
TNUO,1,2,4,7	9284	
TNUG	29G/B6	153D5
TRL	9684	
UO-4	91E9	
U5-9	91G9	
UG	29G/B6	153D5
VGO,1	92E6	
VG2	92G6	
VG4,7	92B9	
VG10	92C9	
VGG	29G/B6	153D5
XII	9481	

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	5981	86C5
2L	81E9	8681
2TR	5984	
4DG	59H4	8682
4L	81F9	8680
7DG	71F4	8682
AO,1,2,4,7	59C9	86C7
A'O	59D9	86G2
A'2	59G9	86G2
AC	71E4	8682
ACD	60C1	8682
AD	60E1	8682
BO,1,2,4,7	60F6	86C7
B'O,1,2,4,7	6G6	86G2
BIO	88H4	8682
BI1	63C6	8682
BIRA	92G4	8682
BY	9486	86C5
C	61B4	86G2
CO,1,2,4,7	61C4	86C7
C'O,1,2,4,7	61E4	86G2
CCO-3	69D6	8682
CC4	69F6	8682
CC5	69G6	8682
CC6-9	7081	8682
CI	1A/C5	86G0
CII	9404	86C5
CIIT-CI4T	6289	86C5
CI2	6681	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	6406	8682
DO,1,2,4	65H6	86C7
D7	6589	86C7
D'O,1,2,4,7	65D9	86G2

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
DCTI	66F1	
DIST	66E4	86G7
DNC	66C6	8682
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
FO,1,2,4,7	67F6	86F5
F'O,1,2,4,7	67H6	86G2
FC	68B1	8682
G	71D6	86B2
GO,1,2,4,7	70E4	86F5
GC	95E4	86C5
HO,1,2,4	70F9	86F5
H7	7181	86F5
IC	96E1	86C5
ICK	72F6	86G2
IE	9286	8682
IR	72C9	86G2
IRY	9604	86C5
ITTR	9681	8680
JO,1,2,4	73D1	86F5
J7	73E1	86F5
KO,1,2,4	74G1	86C5
K7	74B4	86C5
L	83C1	
LCDO,1,2	75F1	8682
LOO	85C9	8682
LOI	7784	8682
LST	7506	8682
MB	9G3	86G0
MBIO,1,2,4,7	72F4	8680
MC	7701	86C5,E5
MOA	7704	86C5
NLOO	72G6	8682
NLO1	65F6	8682

MASTER FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
NMB0	66C9	86B2
NMB1	73B1	86B2
NMF	75E4	86B2
NMK	71C9	86B2
NO8	78D9	86C5
OA0,1,2,4,7	70F4	86B2
OAR0-2	66F4	86B2
OB0,1,2,4,7	71D1	86B2
OBS	79D4	86C5
OC0,1,2,4,7	73F1	86B2
OD	79G4	86B2
OD0,1,2,4,7	74D4	86B2
OE0,1,2,4,7	74B6	86B2
OF0	78C1	86B2
OF1	76E9	86B2
OF2	63C4	86B2
OF4	63D4	86B2
OF7	6489	86B2
OG0,1,2,4	70F6	86B2
OG7	70G6	86B2
OIK	71B9	86B2
OIN0,1,2,4,7	64F6	86B0
OIT0,1	90D9	86B0
OIT2	90E9	86B0
OP1	94C6	86C5
ORC0	79D1	86B2
ORC1	78C9	86B2
ORC2	71E1	
P	82F6	86G2
P1	95C6	86G2
P2L	72B1	86B2
P4L	92C4	86B2
P5	9484	86C5
P5L	92E4	86B2
PA	80F6	86G2
PRL	81D9	86B0
PRLK	71E9	86B2
PRLT	81F4	86B2
PT	9581	86G2
PTI	96G4	86G2
RA1		86F5
RA2		86F5
RA3		86F5
RB	94C9	86C5
RCCK	11F5	86G0
RCI	21A1	86G0
RCY	82E4	
RD	95G6	86G2
RDL	82E4	86G2
REO	86C1	86B2
REI	77E1	86B2
RG0	81B1	86B0
RG1	80E9	86B0
RG2	80F9	86B0
RG4	61H4	86B0
RG7	6186	86B0
RGK	7186	86B2

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
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
ROPT	83D9	86B2
RST0,1	63D9	86A5
RST2-9	64C1	86A5
SC	85D1	86C5
SK0	83D6	86B2
SK1	79F6	86B2
T4L	71G6	86B2
T5L	71E6	86B2
TARO	6384	86B2
TAR1	63C4	86B2
TAR2	65G1	86B2
TAR3		86B2
TBL	77E9	86G2
TC	60G1	86B2
TCI	1A/C4	
TCT	8881	86G2
TEA	94C4	86C5
TET	88E1	86C5
TIO,1,2,3	89C1	86B2
TIA0	8481	86B2
TIA1	84C1	8632
TIA2	84D1	86B2
TIA3	84E1	8632
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	68C1	8682
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
CAMA TRANSVERTER (CTV)		
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	7584	86B2
XR8	6684	86C5
XRD	85E6	
XRL	70C9	86C5
XS	82F9	86B2
XT	96E4	86G2
XTKK	8081	86C5
XU	66D4	86C5

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSBERTER CONNECTOR (CTVC)		
CN0,1	63F6	89E7
CN2	63G6	89E7
CN3	63H6	89E7
CNG	27F3	89D7
FRO	6886	89E7
FRG	27F8	89D7
SO-14	84E9	90A7
SG	2863	89D7

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
ONN	83D1	
1SE	83E1	
2DT	59E1	74E5,112C0
2L	59F1	74E7,112C4
2L1		74E7,112C4
2LN	59F1	74E7,112F2
2SA	83E1	74E7,112C2
2W	59E4	57C0,74E7, 11282
2WD	59E4	57C0,74E7, 11282
2WD1	59F4	57C0,74E7, 11282
3NA	83F1	74E7,112C2
4B	59F4	74E5,112F2
4DG	59G4	74E7,112C2
4NE	83G1	74E7,112C2
4W	5986	57C0,74E7, 11282
5DG	59C6	74E7,112C2

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
5I	59D6	74E5,112F2
5ST	8384	74E7,112C2
6NT	8394	74E7,112C2
7RN	83C4	74E7,112C2
7T	91G1	74E7,112C4
8SP	8304	74E7,112C4
9NP	83E4	74E7,112C2
11	59E6	74E5,112C0
A	59G6	74E5,112E0
A0,1,2,4,7	5989	74E5,112C0
A'0	59D9	74E5,112E0
A'1	59E9	74E5,112E0
A'2	59F9	74E5,112E0
A'4,7	6081	74E5,112E0
ACD	60C1	74E7,112F2
AD	60D1	74E7,112F2
AD'	60E1	74E7,112F2
AG1	64E6	57C0,74E7
AG2	72D1	
AGCK	60F1	74E5,112F2
AIS	60G1	74E7,112F2
AK	60G1	74E5,112E0
AL	6084	74E7,112F2
ALN	85C9	74E5,112F2
ALT	60C4	74E7,112C4
AMA	7681	74E5,112C0
AN	60C4	74E5,112C0
AOT	60E4	74E7,112C4
AR0,1	60H4	74E5,112C0
AR2,4,7	6086	74E5,112C0
ATT	66D9	74E7,112C2
AVK1	6006	74E5,112C0
B0,1,2,4,7	60E6	74E5,112C0
B'0,1,2,4,7	6006	74E5,112E0

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
BLC	60H6	74E7,112C4
BLDA	6089	74E7,112C4
BLT	6089	74E7,112C4
BN	60C9	74E5,112C0
BRO,1,2,4,7	60E9	74E5,112C0
BRL	6009	57C0,74E7, 11282
BRT	60F9	57C0,74E7, 11282
BST	60G9	57C0,74E7, 112F2
BT	6181	74E5,112C0
BTT	61D1	74E7
BY	61G1	74E7,112F2
CO,1,2,4,7	6184	74E5,112C0
C'0,1,2,4,7	61D4	74E5,112E0
CAM	61F4	74E7,112F2
CAMA	61F4	74E7,112F2
CAMF	61G4	74E7,112F2
CAMS	6186	74E7,112F2
CD0,1	6186	57C0,74E7, 11282
CD2,4,7	61C6	57C0,74E7, 11282
CD'0,1,2,4,7	61D6	74E5,112G0
CDA0,1,2,4	61E6	57C0,74E7
CDA7	61G6	57C0,74E7
CDA'0,1,2,4	6189	57C0,74E7
CDA'7	61C9	57C0,74E7
CDN	6109	74E7,112C2
CDNK	61E9	74E7,112C4
CE	61E9	57C0,74E7, 11282
CE'	61F9	57C0,74E7, 11282
CGA	6281	74E7,112F2
CGB	6281	74E7,112F2

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
CGT	62D1	74E7,112F2
CH0	62F1	74E5,112G0
CH1	62H1	74E5,112G0
CH2	62B4	74E5,112G0
CH3	62D4	74E5,112G0
CH4	62F4	74E5,112G0
CH5	62G4	74E5,112G0
CH6	62B6	74E5,112G0
CH7	62D6	74E5,112G0
CH8	62F6	74E5,112G0
CH9	62G6	74E5,112G0
CHA	6289	74E5,112G0
CI	1D/D6	74D2,111G0
CK	82E9	74E5,112G0
CKG	62F9	74E5,112G0
CKGI	6381	74E7,112C4
CKO	63C1	74E5,E7, 112E0,F4
CKR	63D1	74E5,E7, 112E0,F4
CKRI	63E1	74E7,112F4
CL1,2,4	63F1	74E5,112C0
CL3	63G1	74E5,112C0
CL5	6384	74E5,112C0
CL6	63C4	74E5,112C0
CL7	6304	74E5,112C0
CL8	63E4	74E5,112C0
CLG	63E4	74E5,112G0
CLK	8769	74E5,112G0
CLT1,2	63F4	74E5,112G0
CM	6386	74E7,112F2
CN	63E6	74F5,112G0
CNR	64D4	74E7,112C2
CNS	64E4	74E5,112C0
CNT	64F4	74E5,112F2
CON	64F4	74E7,112F2
CP0,2,4	6486	74E7,112C2
CP1,7	64C6	74E7,112C2

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
CR	6406	74E5,112C0
CR0,1,2,4,7	64F6	74E5,112C0
CRU0,1,2,4	64G6	74E5,112C0
CRU7	64C9	
CS0-29	64C9	74E7,112F2
CSG1	64E9	74E7,112C4
CSG2	64F9	74E7,112C4
CSW	64F9	74E7,112F2
CT0	6581	74E5,112G0
CT1	6501	74E5,112G0
CT2	65E1	74E5,112G0
CT4,7	65G1	74E5,112G0
CTAQ	6584	74E7,112C4
CTA1,2	6584	74E7,112C4
CTA4,7	65C4	74E7,112C4
CTI	65D4	74E7,112C4
CTT0,1,2,4,7	65F4	74E7,112C4
CTUK	65F4	74E5,112G0
CU0,1,2,4,7	6586	74E7,112F2
CUT0,1,2,4,7	65C6	74E7,112C4
CWF	6506	74E5,112C0
CWK	65E6	74E5,112E0
D	65F6	74E7,112F2
D0,1,2,4	65G6	74E5,112C0
D7	6589	74E5,112C0
D'0,1,2,4,7	65C9	74E5,112E0
DAC	6509	74E5,112F2
DAT	65E9	74E7,112C4

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
DAT1	66C1	74E7,112C4
DATK	66C1	74E7,112C4,
DCK	6506	74E5,112C0
DCT	6601	74E7,112F2
DCT1	66E1	74E5,112G0
DCT2	66G1	74E5,112G0
DCT3	6684	74E7,112F2
DIS	66C4	74E7,112C4
DIS1	66C4	74E7,112F2
DL1-3	66F4	74E5,112C0
DL4,5	66G4	74E5,112C0
DL6	66H4	74E5,112C0
DLT	6686	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	57C0,74E7, 11282
DR	66F6	74E5,112E0
DT4	6781	74E7,112C4
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 988

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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		
ECN	67E4	74E7,112C2	
EF	67G4	74E5,112G0	
EG	67H4	74E5,112E0	
EN	67B6	74E5,112E0	
EN1	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	
F0,1,2,4,7	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	6881	74E7,112F2	
FCG	6881	74E5,112G0	
FCK	6801	74E7,112F2	
FG0	68F1	74E5,112C0	
FG1	68G1	74E5,112C0	
FG2	6884	74E5,112F2	
FK	6804	74E7,112F2	
FLG	81G4	74E7,112F2	
FM	6804	74E5,112G0	
FML	68E4	74E5,112G0	
FNA	68F4	74E7,112F2	
FNB	68G4	74E7,112F2	
FS0-2	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	
FS27-26	69D1	74E5,112F2	
FS27-29	69E1	74E5,112F2	
FTO-3	69F1	74E5,112C0	
FT'0	69B4	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	
FTT0-3	69C6	74E7,11 "2	
FTT4	69E6	74E5,11 "2	
FTT5	69F6	74E5,112F2	
FU0,1,2,4,7	6989	74E5,112C0	
FU'0	69D9	74E5,112G0	
FU'1,2,4,7	69D9	74E5,112G0	
FUT0-3	7081	74E7,112F2	
FUT4	70C1	74E7,112F2	
FUT5-7	70D1	74E7,112F2	
FUT8	70E1	74E7,112F2	
FUT9	70H1	74E7,112F2	
FVD	7084	74E5,112C0	
G	70C4	74E7,112C4	
G0,1,2,4,7	7004	74E5,112C0	
G'0,1,2,4,7	70F4	74E5,112E0	
GLA	70H4	74E5,112E0	
GLB	7086	74E5,112E0	
GLH	7086	74E5,112G0	
GPA	60C6	74E7,112C2	
GPB	70D6	74E7,112C2	
GS1-3	70E6	74E7,112C2	
GS4	70E6	74E1,112C2	
GS5	70G6	74E7,112C2	
GT2	7089	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	7281	74E7,112F2	
HMA	SEE RPL CKT	57C0,74E7, 112B2	
HMS1	72E1	74E5,112C0	
HNO-4	7284	74E5,E7, 112E0,F4	
HN5-9	7204	74E5,E7, 112E0,F4	
HTO,1,2,4,7	72F4	74E5,112C0	
HTK1	7286	74E5,112G0	
HTR	72C6	74E7,112F2	
HTUK	7206	74E5,112E0	
INC	7289	74E5,112C0	
IRS	7209	74E7,112C4	
IT	72F9	57C0,74E7, 112B2	
ITR	7381	74E5,112E0	
J0,1,2,4	73C1	74E5,112C0	
J7	7301	74E5,112C0	
J'0,1,2,4,7	73F1	74E5,112E0	
JC0-4	7384	74E5,112G0	
JC5-9	73G4	74E5,112G0	
JCK	7306	74E5,112G0	
JG0	73E6	74E5,112G0	
JG1	7389	74E5,112G0	
JG2	73C9	74E5,112G0	
JG3	7309	74E5,112G0	
JG4	73E9	74E5,112G0	
JSQ0	7369	74E7,112C4	
JSQ1-4	7481	74E7,112C4	
JSQ5	7481	74E7,112C4	
JXP1	74C1	74E5,112G0	
JXPA	74E1	74E5,112E0	
K0,1,2,4	74F1	74E5,112C0	
K7	7484	74E5,112C0	
K'0,1,2,4,7	74C4	74E5,112E0	
KJSQ	7404	74E7,112C4	
KM	74E4	74E7,112C4	
LO,1,2,4	74F4	74E5,112D0	
L50	82D6	74E7,112C2	
L7	74G4	74E5	
L'0,1,2,4,7	7486	74E5,112E0	
LAN	74C6	74E7,112F4	
LB	74C6	74E5,E7, 112G0,F4	
LCD0,1,2	75F1	74E7,112F2	
LCH	75G1	74E5	
LCK	7584	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	7586	74E7,112C4	
LHM	75D6	74E7,112C4	
LHMT	75E6	74E7,112C4	
LI	75F6	74E7,112F2	
LIO	75G6	74E7,112C4	
LII	7589	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	
LLEI	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	9181	74E7,112C4	
LR	7684	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	7686	74E5,112C0	
LTG	1080	74D2,111C0	
LVM	76E6	74E7,112C4	
LXPA	76G6	74E5,112G0	
LXPI	76B9	74E5,112G0	
M	76C9	74E7,112F2	
M0,1,2	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(-)	7G3	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	3G3,11B2	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	

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DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
MXT	77F9	74E5,112G0	
N7	78B1	57C0,74E7, 112B2	
N'7	78D1	74E7,112B2	
NAMA	78D1	74E7	
ND1	78F1	74E5,112G0	
NDK	78G1	74E5,112C0	
NDT	78H1	74E5,112E0	
NE	78B4	74E5,112E0	
NGK	78G6	74E5,112C0	
NGK1	70B6	74E5,112E0	
NH	78G6	74E7,112F2	
NMR	7889	74E7,112F2	
NN	7889	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	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
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	74E5,11...0	
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	
OVF0	SEE RPL CKT	57C0,74E7, 112B2	
OVF1	SEE RPL CKT	57C0,74E7, 112B2	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
OVK	80G4	74E7,112C4	
PO-4	80B6	74E5,112G0	
P5-9	80D6	74E5,112G0	
PA	80E6	74E5,112G0	
PAN	80G6	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	
PQTS	81D4	74E7,112C4	
PR	81E4	74E5,112G0	
PRCY	84B4	74E7,112C2	
PS	81B6	74E5,112C0	
PSI	81C6	74E5,112G0	
PTK	81C6	74E7,112F2	
PTN	81D6	74E5,112E0	
PUL	81E6	74E5,112E0	
R	81F6	74E5,112F2	
RA	81F6	74E7,112F2	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
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	8286	74E5,112G0	
RG	8286	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	
RN-2	82F4	74E7,112C2	
RN4,7	83G4	74E7,112C2	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
RNG	8386	74E5,112E0	
RNK	8386	74E5,112C0	
RNT2	83C7	74E5,112G0	
RNT'2	83E6	74E7,112F2	
RNT20	83E6	74E5,112G0	
RO	83F6	74E5,112C0	
RO'	8306	74E5,112G0	
ROA	8389	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	
RS1	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	
RT1	SEE RTC CKT	74E7,112C4	
RTC	84H6	74E7,112C4	
RTK		74E7,112C4	
RTST	1E/D8	74H2	
RV	84B9	74E5,112E0	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
RV1	84C9	74E5,112G0	
RYK	84C9	74E7,112C4	
SO-9	84F9	74E7,112C4	
SAE	8581	74E5,112E0	
SB	8581	74E7,112C4	
SBT	85C1	74E7,112C4	
SC	85C1	74E7,112C2	
SCB	85D1	74E7,112F2	
SCK	85E1	74E5,112C0	
SCN	85F1	74E5,112C0	
SDT	8504	74E7,112F2	
SEF	85F4	74E5,112F2	
SF	85G4	74E5,112G0	
SG		74E5,112E0	
SIA	8586	74E7,112C4	
SIB	8586	74E7,112C4	
SL	8506	74E7,112F2	
SLCK	8506	74E7,112C2	
SLK1	85E6	74E5,112G0	
SLK2	85F6	74E5,112G0	
SMP	85E9	74E5,112C0	
SNG	70H4	74E5,112E0	
SNK	8589	74E5,112G0	
SOG	8509	74E5,112E0	
SON	85E9	74E7,112C2	
SP	15A3,B3	74H2	
SPC	15B3,C3	74H2	
SPL	8681	74E5,112C0	
SQA	86D1	74E5,112G0	
SR1	86E1	57C0,74E7	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
SR2	8886	57C0,74E7	
SR3	8886	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	
T	86G4	74E5,112F2	
TAN	86G6	74E5,112C0	
TANO	86B9	74E5,112C0	
TAN1	86C9	74E5,112C0	
TAN2	86E9	74E5,112C0	
TAN3	86F9	74E5,112C0	
TAN4	8781	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	

DESIG	LOCATION FS	LOCATION CAD	COMPLETING MARKER (CM)
TBS0,1	87G4	74E7,112C4	
TBS2,3	87G4	74E7,112C4	
T8T	87H4	74E7,112C4	
T8TA	87B6	74E7,112F4	
T8UA	87B6	74E7,112F4	
TC	87C6	74E5,112C0	
TCA	87E6	74E5,112C0	
TCB	87G6	74E5,112C0	
TCC	87H6	74E5,112C0	
TCGA	8789	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	8881	74E7,112F2	
TDCT	88C1	74E7,112C4	
TER	88C1	74E5,112E0	
TES1	88D1	57C0,74E7, 112B2	
TESK	88E1	57C0,74E7, 112B2	
TF0-2	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 988

BELL LABORATORIES | SD-25805-01- | A34

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LEAD INDEX FOR TABLE IA

COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
TH'0,1	88G4	74E7,112F2
TH'2	88B6	74E7,112C4
TH'3	88C6	74E7,112C4
THC	88C6	74E5,112C0
TH'0	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	59E4	74E7,112F2
TR8	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	74E7,1 C4
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	9284	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'0,1,2,4,7	92E9	74E5,112G0
VG'10	9381	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	74E5,112G0
XCW	94B6	74E5,112G0
XDL	94C6	74E5,112G0
XF	94D6	74E5,112G0
XFT	94E6	74E5,112F2
XFUT	94F6	74E5,112G0
XHG	94G6	74E5,112G0
XHG1		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	74E5,112C0
XLS	95E6	74E5,112G0
XLV	95G6	74E5,112G0
XMS	94B9	
XMRL	9589	74E5,112G0
XN	95D9	74E5,112GC
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
XTK	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)

DESIG	LOCATION FS	LOCATION CAD
FNA	68H2	
FNB	68H2	
FTO-3	69G0	
FTTO-3	69D5	
FTT4	69F5	
FTT5	69G5	
FUO,1,2,4,7	69C7	
FUTO-3	70B0	
FUT4	70D0	
FUT5-7	70D0	
FUT8	70E0	SEE MTC CKT
FUT9	70G0	
HGO,1,2,4,7	71G0	
HCTO	71F2	
HGT1	71H2	
HGT2	71C5	
HGT3		
HGT4	71F5	
HGT5	71H5	
HGT6	71C7	
HGT7	71E7	
HGT8	71F7	
HGT9	72C0	
HNO-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
MCO,1	77B5	130C0
MKS	7F7	
MKTO,1	7E7	
MLV	60C1	
MOA	77D2	
MTIK	77C5	
NGK	78G5	
NH	78H5	
NOB	78D7	
NSP	89B7	
ODT	79H2	
OF	9587	
OFFO-3	90F2	
OFF4	90C5	
OFF5	90D5	
OFF6-9	90G5	
OFTO-2	90C7	
POTS	81D2	130C0
PTK	81D5	
RI	82E5	
RN4,7	83G2	
RNG	8385	130C0
RNTO	79H2	130C0
RPT	70G0	SEE MTC CKT
SO-9	84F7	SEE MTC CKT
SON	85E7	130C0
SPL	8680	
TO-4	86H2	
T5-9	8605	
TBI	87E2	
TBSO,1	87F2	130C0
TBS2,3	87G2	130C0
TBTO-4	72B2	130C0
TBT5-9	72E2	130C0
TBUO-4	8685	130C0
TBU5-9	8605	130C0
THO,1	78C2	
TH2	78E2	
TH3,4	78G2	
TH5-9	7885	
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	
TSO,1	11A2	130C0
TSL	91F0	
TVS	8F6	
TVTO,1	8E6	
UO-4	91D7	
U5-9	91F7	
UNO-4	91E7	130C0
UN5-9	91G7	130C0
VFO	92F0	
VF1-4	92H0	
VFTO	92D2	
VFT1	92F2	
VFT2	92H2	
VFT3	92C5	
VFT4	92D5	
VG0,1	92F5	
VG2	92G5	
VG4,7	92B7	
VG10	92D7	
VGTO	93D0	
VGT1	93F0	
VGT2	93G0	
VGT3	93B2	
VGT4	93D2	
VGT5	93E2	
VGT6	93G2	
VGT7	93H2	
VGT8	93C5	
VGT9	93D5	
VGT10	93F5	
VGT11	93H5	

COMPUTER LINE VERIFICATION ACCESS (CLVA)

DESIG	LOCATION FS	LOCATION CAD
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	6380	SEE MTC CKT
CSO-29	64D7	SEE MTC CKT
CSGI	64E7	SEE MTC CKT
CU'4,7	77C0	
DCK	65D5	130C0
FLG	81G2	130C0

SD-25805-01-A35

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES SD-25805-01- A35

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LEAD INDEX FOR TABLE IA

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	6239	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
CTO	65B1	83B0,112F6
CTT	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
DATI	66B1	83B0,112F6
DCT	66D1	83C3,112B6
DCTI	66F1	83B0,112F6
DIS	66C4	83C3,112G8
DISI	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
FS0-2	68G6	83F3,112F6
FS3,4	68B9	83F3,112F6
FS5-7	68D9	83E3,112F
FS8,9	68E9	83E3,112F6
FS10-14	68F9	83F3,112F6
FS15-19	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'0	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
FTTO-3	69C6	83C3,112B6
FTT4	69E6	83E3,112D6
FTT5	69F6	83E3,112D6
FU0,1,2,4,7	69B9	83F3,112F6
FU'0,1,2,4,7	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
JG0	73E6	83B0,112F6
JG1	73B9	83B0,112F6
JG2	73C9	83B0,112F6
JG3	73D9	83B0,112F6
JG4	73F9	83B0,112F6
JSQ0	73G9	83C3,112G8
JSQ1-4	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
LL0	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
MK6	1D/B0,B2	83E0,111G5
MKB	1D/B1,B2	83E0,111G5
MLF	77B4	83C3,112B6
MLFA	77C4	83C3,112G8
MOI	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
OC1	79E4	83C3,112G8
OBS1	89B9	83C3,112B6
OBS2	89F6	83C3,112B6
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
PNR	81C4	83B0,112F6
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
RT0	84F6	83C3,112G8
RT1	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
TCI	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
TRI	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
TVGT0-4	91B9	83C0,112G8
TVGT5-9	91B9	83C0,112G8
TVGT10,11	91C9	83C0,112G8
VF'0-4	92C4	83B0,112F6
VFTO	92D4	83C3,112B6
VFT1	92E4	83C3,112B6
VFT2	92G4	83C3,112B6
VFT3	92B6	83C3,112B6
VFT4	92D6	83C3,112B6
VG'0,1,2,4,7	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	83C3,112B6
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
XTC1	75B9	83B0,112F6
XTG1	96C6	83B0,112F6
XTRK	96E6	83B0,112F6
XTRL	96F6	83B0,112F6
XTS	96H6	83B0,112F6
XTS1	96C9	83B0,112F6
XVGA	94C9	83B0,112F6
XVGB	94B6	83B0,112F6

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DESIG	LOCATION FS	LOCATION CAD
DIRECT ACCESS PRETRANSLATOR CONNECTOR (DAPC)		
DAC0	78B4	80B/F3
DAC1	78B4	80B/E3
DAC2	78D4	80B/E3
DACA	78C6	80B/F3
DACB	78D6	80B/F3
NG	11F8	74B2,111GO
NG1	11F8	74B2,111GO
DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)		
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	6881	
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	6489	
OG0,1,2,4	70F6	

DESIG	LOCATION FS	LOCATION CAD
DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)		
OG7	70G6	
ORC0	79D1	
ORC2	71E1	
PRLK	71E9	
PRLT	81F4	
ROPT	83D9	
SK0	83D6	
SK1	79F6	
THT0	88G6	
THT1	88C9	
THT2,3	89B1	
TIO.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)		
ITR	59B1	55A7,86C5, 121A/A0
2TR	5984	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

DESIG	LOCATION FS	LOCATION CAD
DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS (DAS)		
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	92B9	55H3,86D2, 121A/F3
VG10	92D9	55H3,86D2, 121A/F3
ETS POWER AND DATA INTERFACE (ETSPD)		
ITR	59D0	
2LN	59G0	
2W	59E2	
2WT	84G0	
4DG	59H2	
4W	59B5	
4WT	84F0	
BLDA	60B7	130G0
BLT	60C7	130G0
BN	60D7	
BY	61H0	
CH2	76F0	
CIB	5C7	
CK	62E7	13000
CKG	95F2	
CKGI	63B0	
CKO	63C0	
CLF	80C0	

DESIG	LOCATION FS	LOCATION CAD
ETS POWER AND DATA INTERFACE (ETSPD)		
CS0-29	64D7	
CSG1	64E7	
CTI	65D2	
CU'4,7	77C0	
DAT	65E7	
DCK	65D5	130D0
DRA0	89C7	
EN	67B5	130G0
EMC0,1	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	

DESIG	LOCATION FS	LOCATION CAD
ETS POWER AND DATA INTERFACE (ETSPD)		
MB4,7	77C0	
MC	77D0	
MC0,1	77B5	
MKS	7F7	
MKT0	7E7	
MKT1	7E7	
MLV	60C1	
MOA	77D2	
MRI	65D2	
MTIK	77B5	
MTRB	65D2	
NGK	78G5	
NH	78H5	
NN	78C7	
NOB	78D7	
NSP	89B7	
ODT	79H2	
OF	9587	
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	80B7	
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

DESIG	LOCATION FS	LOCATION CAD
ETS POWER AND DATA INTERFACE (ETSPD)		
RPT	70G0	
RS0	84D2	
RS1	84E2	
RSK	84E5	
S0-9	84F7	
SON	85E7	130D0
SPL	8680	
T0-4	86H2	
T5-9	86D5	
TBI	87E2	
TBS0,1	87F2	
TBS2,3	87G2	
TBT0-4	72B2	130D0
TBT5-9	72E2	130D0
TDU0-4	8685	130D0
TDU5-9	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	
TS0	11A2	130D0
TS1	11A2	130D0
TSL	91F0	
TST	91B2	
TSTL	91B2	
TVS	8F6	
TVT0	8E6	
TVT1	8E6	

DESIG	LOCATION FS	LOCATION CAD
ETS POWER AND DATA INTERFACE (ETSPD)		
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)		
FAA	67B9	SEE CM CKT
FAB	6789	SEE CM CKT
TFA	88H1	SEE CM CKT
INCOMING REGISTER (IR)		
RG0,1	63C9	81A1
RG2-9	64B1	81A1
RG10-15	64E1	81A1
RG16-19	64B4	81A1

DESIG	LOCATION FS	LOCATION CAD
INCOMING REGISTER MARKER CONNECTOR - MARKER PART (IRMC-MP)		
RGG	28C3	74A2,111DQ
INCOMING REGISTER MARKER CONNECTOR-REGISTER PART (IRMC-RP)		
RG0,1	63C9	
RG2-9	64B1	
RG10-15	64E1	
RG16-19	64B4	
INCOMING REGISTER TEST (IRT)		
M	76D7	SEE MTC CKT
SRT	66E7	SEE MTC CKT
INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)		
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
ONI,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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INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

DESIG	LOCATION FS	LOCATION CAD
SEF	25C2,85G2	131D6
STPI	86C2	131D6
STP2	86E2	131D6
TRL	90G0	131D6
TVA0	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)

DESIG	LOCATION FS	LOCATION CAD
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)

DESIG	LOCATION FS	LOCATION CAD
ROS	14G7	68D5

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
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

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
D0,1,2,4	65G5	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
FSO-2	68G5	SEE MTC CKT
FTO-3	69G0	130D2
FTTO-3	69D5	SEE MTC CKT
FTT4	69F5	SEE MTC CKT
FTT5	69G5	SEE MTC CKT
FU0,1,2,4,7	69B7	130D2
FUTO-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
OFFO-3	90F2	130D5

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
OFF4	90B5	130D5
OFF5	90D5	130D5
OFF6-9	90G5	130D5
OFTO-2	90C7	130D5
ON	2B1	75A/D4
RN4,7	83G2	130D5
RNTO	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
TO-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
TVTO,1	8E7	130D5
TVTO,1(ATV)		130D5
U0-4	91D7	130D5
U5-9	91F7	130D5
VFO	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

LINE INSULATION TEST (LIT)

DESIG	LOCATION FS	LOCATION CAD
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)

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	10B8	74F2,111C0
LTM	10B8	74F2,111C0
TRC-	27G8	32A0,83G0, 111D0,H5

LINE LINK MARKER CONNECTOR (LLMC)

DESIG	LOCATION FS	LOCATION CAD
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	2788	74A2,83G0, 111D0,H5
MG	28E3	SEE DTM CKT

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
ITR	59D0	SEE MTC CKT
2DT	59E0	
2L	59F0	
2LI		
2LN	59G0	
2W	59E2	
2WT	84G0	
4DG	59H2	
4NE	83H0	
4W	5985	
4WT	84F0	
6NT	83C2	
9NP	83E2	
II	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	
CKGI	63B0	
CKO	63C0	
CKR	63E0	SEE MTC CKT
CKRI	63F0	
CLF	80C0	
CSO-29	64D7	
CSGI	64E7	
CSW	64G7	
CTI	65D2	
CU'4,7	77C0	
D0,1,2,4	65H5	
D7	6587	
DAT	65E7	
DIS	66C2	
DNGA	66D5	
DNGB	66D5	
DNGC	66E5	
E0,1,2,4,7	6782	
ENC0,1	80E0	
EXT	67D5	
F	67E5	
F0,1,2,4,7	67F5	
FBK	67G7	
FGO	68F0	
FGI	68G0	104G4
FG2	68B2	104G4
FNA	68G2	
FNB	68H2	
FTO-3	69G0	
FTTO-3	69D5	
FTT4	69F5	
FTT5	69G5	SEE MTC CKT
FU0,1,2,4,7	69C7	
FUTO-3	70B0	
FUT4	7000	
FUT5-7	7000	
FUT8	70E0	
FUT9	70G0	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
FVD	70B2	
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	7582	
LDN	75C2	
LHM	7505	
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	SEE MTC CKT
MRL	77G2	
MTIK	77C5	
MTRB	65D2	
NDT	78H0	
NGK	78G5	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
NH	78H5	
NOB	78D7	
NSP	89B7	
OA	79G0	
OB	7982	
ODT	79H2	
OF	9587	
OFFO-3	90F2	
OFF4	90C5	
OFF5	90E5	
OFF6-9	90G5	
OFTO-2	90C7	
OSG0	80C0	
OSG1,2	80E0	
OSG3,4	80F0	
OSG5	80H0	
OSG6-9	80B2	
OSG10,11	80C2	
PAN	80G5	
PCD	80F7	
PCDI	80G7	
PCR	81C0	
POTS	81D2	
PTK	81D5	
RC	8187	SEE MTC CKT
RCT	81C7	
RCTI	81D7	
RCT2	81E7	
RCT3	81G7	
RCT4	8280	
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	
RNTO	79H2	
RPT	70G0	
RSO	84D2	
RSI	84E2	
RS9	84C5	
RSK	84E5	
SO-9	84F7	
SCK	85F0	
SPL	8680	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
STR	3G8	72C7
TO-4	86H2	
T5-9	86D5	
TAN	8687	
TAN1	86D7	
TAN2	86F7	
TAN3	86G7	
TAN4	87C0	
T8I	87E2	
T8S0,1	87F2	
T8S2,3	87G2	
T8TA	8785	
T8U0-4	8685	
T8U5-9	86E5	
T8UA	8785	
TCA	87E5	SEE MTC CKT
TCB	87G5	
TFO-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	
TT	91C2	SEE MTC CKT
TTC	91G2	
TVS	8F6	53A6,88G5, 123F2
TVTO,1	8E6	
U0-4	91D7	
U5-9	91F7	
VFO	92F0	SEE MTC CKT
VF1-4	92H0	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD
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)

DESIG	LOCATION FS	LOCATION CAD
ONN	83D0	73A/E5
ISE	83E0	73A/D2
ITR		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
2WDI	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
AD,1,2,4,7	59C7	72C5
ADO	60C0	89E0
AD	60E0	73A/D0,89H0, 123D7

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
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
BO,1,2,4,7	60F5	72C5
BLC	60H5	73A/E5
BLDA	60B7	73A/E5
BLT	60C7	73A/E5
BN	60D7	72C5
BRL	60D7	57C3,73A/D2
BRT	60F7	57E6,73A/D2
BST	60G7	73A/D0
BT	61C0	73A/D0
BTT	61C0	57E6,73A/D2
C	61B2	89D3
CO,1,2,4,7	61D2	72C5
CAM	61F2	73A/D0
CDO,1	61C5	57C3,73A/D2
CD2,4,7	61D5	57C3,73A/D2
CD10		73A/D2
CD15		73A/D2
CDAO,1,2,4	61F5	5786,73A/D2
CDA7	61G5	5786,73A/D2
CDA'O,1,2,4,7		5786,73A/D2
CDN	61D7	73A/D2
CDNK	61E7	73A/E5
CDTO	65C0	89E0,12387
CDT1	65E0	89E0,12387
CDT2	65F0	89E0,12387
CDT4,7	62C0	89E0,12387
CE	61E7	57E6,73A/D2
CE'		57C3,73A/D2
CGA	62B0	73A/D2
CGB	62B0	73A/D2
CH2	76F0	

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
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
CPO,2,4	64B5	73A/D2
CP1,7	64D5	73A/D2
CR	64D5	73A/D0
CRO,1,2,4,7		72C5
CRU0,1,2,4	64G5	72C5
CRU7	64C7	72C5
CSO-29	64D7	73A/D2
CSG1	64C7	83D7,73A/E5
CSG2	64E7	83D7,73A/E5
CSW	64F7	73A/D0
CTAO-2	65B2	73A/E5
CTA4,7	65C2	73A/E5
CTI	65D2	73A/E5
CTMB	65E2	56A3,89D3, 12307
CTTO,1,2,4,7	65F2	73A/E5
CUO,1,2,4,7	65B5	73A/D2
CU'O-2	77B0	
CU'4,7	77C0	
CUTO,1,2,4,7	65C5	73A/E5
CWK	65E5	83D7
D	65F5	83D7
DO,1,2,4	65H5	72C5
D7	6587	72C5

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
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	6685	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	6780	73A/E5
DTF	67D0	73A/D0
DTI	67E0	73A/E5
DTK	67F0	88C5,73A/D0
DTKI	67F0	88C5
DTKA	66F2	89D3
DTN	96D5	89D3
EO,1,2,4,7	67B2	72C5
ECN	67E2	73A/D2
EFO,!,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	6880	89E0
FCK	68E0	73A/D0
FGO	68F0	72C5
FGI	68H0	72C5
FG2	68C2	73A/D0
FGA		57B6,73A/D2
FNA	68G2	73A/D2
FNB	68H2	73A/D2
FSO-4		72C5
FS5-19		72C5
FTO-3	69G0	72C5
FTC	69F2	73A/E5
FTCK	69H2	73A/D2

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
FTTO-3	6905	73A/D0
FTT4	69F5	73A/D0
FTT5	69G5	73A/D0
FUO,1,2,4,7	69C7	72C5
FUTO-3	7080	73A/D0
FUT4	7000	73A/D0
FUT5-7	7000	73A/D0
FUT8		73A/D0
FUT9	70G0	73A/D0
FVD	70C2	73A/D0
G	70C2	73A/E5
GO,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
HO,1,2,4	70F7	72C5
H7	71B0	72C5
HD	71D0	26A/A0, 26B/B3
HF	71E0	73A/D2
HFA	71F0	73A/D2
HGO,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
HMSI	72E0	72C5
HNO-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	6902	89H0
IR	72C7	89D3
IRL	72D7	26B/B3
IRS	72D7	73A/E5
IT	72F7	57E6,73A/D2

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
JO,1,2,4	73D0	72C5
J7	73E0	72C5
JSQO	73G7	73B/E5
JSQ1-4	74B0	73B/E5
JSQ5	74B0	73B/E5
KO,1,2,4	74G0	72C5
K7	74B2	72C5
KCS	1188	7287
KJSQ	74D2	73A/E5
KM	74E2	73A/E5
LO,1,2,4	74F2	72C5
L7	74H2	72C5
L5D	82D5	88D7,123D5
LAN	74C5	73A/E5
LCO	74E5	
LCDO,1,2	75B2	73A/D0
LCK	75F0	89E0
LDN	75C2	73A/E5
LES1	75E2	57C3,73A/D2
LESK	75F2	57C3,73A/D2
LFKI		73A/E5
LHM	75D5	73A/E5
LHMT	75E5	73A/E5
LI	75F5	73A/D2
LIO,1		73A/E5
LK1	75F7	73A/D2
LK2	75F7	73A/E5
LK3	7680	73A/E5
LLO	88F5	73B/C3,D3
LL1	8887	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

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
M	7607	73A/D2
MO,1,2,4	61F5	57C3,73A/D2
M7	61H5,78C0	72C5
M'O,1,2,4		57C3,73A/D2
MAK1	76F7	73A/D2
MBO-2	7780	73A/E5
MB4,7	77C0	73A/E5
MBK		
MC	77D0	56A3,88C5, 123B2
MDA		123B2
MF	77F0	8307
MKS	7F0	72E7
MKTO,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	7782	8307
MLFA	77C2	8307
MLV	60C1	73A/B5
MO1	77C2	73A/E5
MOA	77D2	5647,88C5
MON		73A/D0
MPP	77F2	72C5
MPT	6060	73A/D2
MRI	65D2	73A/E5
MRL	77G2	73A/D2
MTIK	7785	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	7787	73A/E5
MT12	7787	73A/E5
MT38K	77C7	73A/D0
MT57		73A/E5
MTL	7C8	72E7
MTP	1F/G6	72E7
MTPT	83E9	73A/A5
MTRB	65D2	

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD
N7	78B0	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/E5
NOB	78D7	73A/E5
NOBT	78E7	73A/E5
NSP	8987	89G0,12387
NT	79D0	73A/D2
NTCW	79D0	11704
NTH	79D0	73A/E5
NTT	79E0	73A/D2
NTV8	79E0	11704
OA	79G0	73A/D0
OAO,1,2,4,7	70F2	89E0
OB	7982	73A/D0
OBO,1,2,4,7	71D0	89E0
OBS	79D2	73A/E5
OBS1	89C7	8307
OBST	79E2	73A/E5
OC1	79E2	8307
OCAO,1,2,4,7	73F0	89E0
OCN	79F2	73A/E5
ODO,1,2,4,7	74D2	89E0
ODD	7985	57C3,73A/D2
ODT	79H2	89G0,73A/D0, 12387
OEO,1,2,4,7	7485	8903
OF	9587	88D7,12305
OFO	78C0	8903
OF1	76E7	8903
OF7	6487	8903
OFFO-3	90F2	56A0,88D7, 12305
OFF4	90C5	56A0,88D7, 12305
OFF5	90E5	56A0,88D7, 12305
OFF6-9	90G5	56A0,89G0, 12387

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	98B

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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	
OS0	79B7	72C5
OS1	79C7	72C5
OS2	79D7	72C5
OS3	79E7	72C5
OS4	79F7	72C5
OSC	80B6	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
PI	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	IC/B8	24B7,25B/D0
PTR	8780	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
RBTI	81H5	73A/D2
RC	81B7	73A/E5
RCT	81C7	73A/E5
RCTI	81D7	73A/D2
RCT2	81E7	73A/D2
RCT3	81G7	73A/D2
RCT4	8280	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	8282	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
RV1	84C7	72C5
SO-9	84F7	73A/E5
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	8680	72C5
SRI-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
TANI	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	89D3,12382
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	8785	127E0
TBUO-4	86B5	73A/E5
TBU5-9	86E5	73A/E5
TBUA	8785	73A/E5
TCI	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	7885	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
THTI	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
TRI	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	72E7,6885
TSE	91C0	73A/D2
TSE1	91D0	73A/E5
TSE2	91D0	73A/E5
TSK	91E0	73A/E5
TSL	91F0	88D7,123D5
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	5386,8865, 123G2
TTT	91D5	73A/E5
TVFTO-4	91B7	83D7
TVGTO-4	91B7	83D7
TVGT5-9	91B7	83D7
TVGT10,11	91C7	83D7
TVS	8F1	5386,8865, 123G2
TVTO,1	8E1	5386,88E5
TVT2-9	8E2	88E5,123C2
UO-4	91D7	56A0,88D7, 123D5
U5-9	91F7	56A0,8807, 123D5
UK	92B0	89D3
UKA	92C0	11784
UTO,1,2,4,7	92E0	73A/DC
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	9382	73A/D0
VGT4	9302	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	9387	89D3
WKC	93E7	89D3
XII	94B0	73A/D0
XBRL		57C3,73A/D2
XCE		57C3,73A/D2
XFT	94F5	73A/D0
XHGI	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

SD-25805-01-A40

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MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
3AM	93H6	120D3
3ANT	93E6	120D3
A	93F4	87F7,G4
ASP	96C1	87F7,G4
B	93G4	87F7,G4
BSP	95F9	87F7,G4
CI(MAG AMA)	18/C6	120D3
CI(ODD /EVEN)	18/B8	87C4
CO(ODD,EVEN)	18/B9	87C4
D	93B6	87F7,G4
DA	96D1	87F7,G4
DCT	77G4	
DTO,1,2,4,7	66G9	88C3,120D3
DUO,1,2,4,7	67H1	88C3,120D3
E	93C6	87F7,G4
EOL	96D4	120D3
ET	96F1	87A4,G4
HDK	95F9	120D3
HR	94E6	87F7,G4
HTO,1,2,4,7	72G4	88C3,120D3
HUO,1,2,4,7	72E6	88C3,120D3
ME	93E4	120D3
MET	61C1	120D3
MG	7206	87F7,G4
MO	8381	87F7,G4
MTO,1,2,4,7	77H4	88C3,120D3
MTFT	96F1	120D3
MTTR	93G4	120D3
MUO,1,2,4,7	77D9	88C3,120D3
NS	77G4	87F7,G4
OOL	96B9	120D3
PCN(ODD,EVEN)	18/B7	87C7
RCCK (EVEN)	11E5	87C7
RCCK (ODD)	11E5	87C4
RL	96C1	120D3
RL1	96D1	120D3
RL2	94F6	120D3
RN	89B4	87A4,G4
RSTO	6309	87C7
RST1	6309	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	7084	67A0
RST24		67B0
RST25	59F6	67A0
RST26	79G1	67B0
RST27	79B4	67A0
RST28	81G1	67B0
RST29	88D6	67A0
RST-EMG	68C6	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	93C6	120D3
RTST	95D4	120D3
SC	90F1	87F7,G4
SKP	76H6	87F7,G4
SP	93E6	87F7,G4
SPA	72E1	87F7,G4
STR (MAG AMA)	3A0	120D3
SY	61C1	87F7,G4
TEN	95C4	87G4
TPR(ODD,EVEN)	18/B8	87C7
TRB (EVEN)	14A5	87C7
TRB (ODD)	14C5	87C4
TRB (MAG AMA)	14E5	120D3
TRL	90G1	120D3
TRST (EVEN)	18/B7	87C7
TRST (ODD)	18/B6	87C4
TRST(MAG AMA)	18/C5	120D3
TST	9386	120D3
XPL	70C6	87A4,G4
XII	94B1	

MINI-ROTL INTERFACE CKT (MROTL)

DESIG	LOCATION FS	LOCATION CAD
ATKT	6086	
ROTL	83E9	

NUMBER GROUP CONNECTOR (NGC)

DESIG	LOCATION FS	LOCATION CAD
NG	11E8	
NG1	11H8	
NGCO,1	78C4	808/A0
NGC2	78D4	808/A0
NGC3,4	78F4	808/A0
NGC5-9	7886	808/A0
NGCTO	78C6	808/A0
NGCT1	78D6	808/A0
NGCT2	78E6	808/A0
NGCT3	78F6	808/A0

ORICINATING REGISTER (OR)

DESIG	LOCATION FS	LOCATION CAD
RGO,1	63C9	81B1
RG2-9	6481	81B1
RG10-15	64E1	81B1
RG16-19	6484	81B1

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

DESIG	LOCATION FS	LOCATION CAD
CNO-2	63G6	808/C0
CN3	6389	808/C0
CNG	2783	74A2,111D0
FRO	6886	808/C0
FR1	68C6	808/C0
FR2	68E6	806/C0
FR3	68F6	
FRG	27A8	74A2,111D0
RGG	2883	74A2,111D0

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

DESIG	LOCATION FS	LOCATION CAD
RGO,1	63C9	
RG2-9	6481	
RG10-15	64E1	
RG16-19	6484	

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	808/D3
CN2	6366	808/D3
CN3	63H6	808/D3
CNG	27E3	808/D3
FRO	6886	808/D3
FR1-4	6806	808/D3
FRG	2708	808/D3
SG	28G3	808/D3
SRT	86F1	808/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	258/D7, 25C/E0
BO,1,2,4,7	60F6	258/D7, 25C/E0
CO,1,2,4,7		258/D7, 25C/E0
CDO,1,2,4,7	61C4	SEE MTC CKT
CM3	6386	258/D7, 25C/E0
CMA	63C6	258/D7, 25C/E0
CMB	6306	258/D7, 25C/E0
CMC	6306	258/D7
CMK	89D9	25C/E0
GI	70G4	258/D7, 25C/E0
GR	70E6	258/D7, 25C/E0
HD	71D1	258/D7, 25C/E0
LK	9F7	25A/H5, 258/D7, 25C/G3
LKI	63E6	25C/E0
LT	8585	SEE MTC CKT
HB	9G7	258/D7, 25C/G3
PCK	86C9	258/D7, 25C/E0
PRG	9G7	25A/G5, 258/D7, 25C/G3
PRL	86E9	258/D7, 25C/E0
PRT	86F9	
PTP (1ST TO 8TH)	1C/A0-7	25A/F5, 258/D7
PTR	87B1	258/D7
RCCK	11G5	25A/H5, 258/D7, 25C/G3
RLK		258/D7
SD	86B9	258/D7, 25C/E0
TM	605	258/D7, 25C/G3
TOK	89D9	258/D7
TR	87B1	25C/E0
TRI	7209	25C/E0
TR2	5984	258/D7, 25C/E0
TRB	14F3	25A/H5, 258/D7, 25C/G3
TRK	59C1	258/D7, 25C/E0, 26A/G7
TRS	90D4	258/D7, 25C/E0

PRETRANSLATOR (REGULAR) (PRT)

DESIG	LOCATION FS	LOCATION CAD
TRST (1ST TO 8TH)	1C/A0-A6	24E7,258/D7, 25C/G3
XX	87C1	258/D7, 25C/E0, 26A/G7

PRETRANSLATOR CONNECTOR (PRTC)

DESIG	LOCATION FS	LOCATION CAD
CNO-2	63G6	72B0
CNG	27F3	258/F4
FRO	68B6	72B0
FR1	68C6	72B0
FR2	68E6	72B0
FRG	27E8	258/F4
RGG	28D3	258/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	6484	81D1
RG20-23	82D6	81D1

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

DESIG	LOCATION FS	LOCATION CAD
CI	1A/C0,C5	53D6,G6, 86G0,121A/B5
MB	9F3-H3	53E6,G6, 86G0,121A/B5
MBI		53E6,G6
MC	77D1	55G7,86E5, 121A/D0
RL	7684	55G7,86E5, 121A/E0
TM	6E5,F5	54E7,G7, 86F0,121A/D5
TR	72E9	55G7,86B5, 121A/C0
TRST	1A/C0,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 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	88G9	122D0
BAR	6686	122D0
BLO,1,2	8486	123C9
BL4	8486	123C9
BL7	84C6	12309
BRO	77E1	122D0
BR1	63B6	122D0
BR2	7889	122D0
BR4	86C4	122D0
BR7	86D4	122D0
CHO	78F6	122D0
CH1	91B1	122D0
CH2	76F1	122D0
CIS	6207	122D0
CISC	6207	122D0
CKLO,1,2,4	61F6	122D0
CKL7	61G6	122D0
CKLS	8789	122D0
CKRO,1,2,4	61B9	122D0
CKR7	61C9	122D0
CKRS	87B9	122D0
CLO,1,2,4,7	80C6	12203
CLF	8000	
CPTO	74E4	12203
CRO,1,2,4,7	80D6	12203
CRT	80E6	12203
CTBL	8404	12203
DC	88G6	12203
DCC	8889	12203
DCKF	62F6	12203
DLO	5906	12203
DL1	78F9	12203
DL2	63F4	12203
DL4,7	63F4	12203
DRO	87G9	12203
DR1	80F4	12203
DR2	91C6	12203
DR4	78G1	12203
DR7	78G1	12203
ECT	84G4	12203
ENCO,1	80E0	SEE MTC CKT
EOR	6286	12203
ERTO	82F4	12203
ETM	8006	12203
ETMO	82F4	12203
EX1	78D6	12203
EX2	78E6	12203
GO	62E1	12203
HDA	73G4	12205
HDB	7386	12205

RECORDER AND RECORDER CONTROL CKT (RRC)

DESIG	LOCATION FS	LOCATION CAD
LCPT	84F4	122D5
MTRA	81D4	122D5
MTRB	6504	122D5
ON	7306	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	7409	122D5
RA3	7501	122D5
RA4	85H4	122D5
RA5	67F4	122D5
RB1	74F6	122D5
RB2	74E9	122D5
RB3	75E1	122D5
RB4	81F4	122D5
RC1	74H6	122D5
RC2	7469	122C5
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	7309	12208
RS1	62E4	12208
RS2	62F4	12208
SA	8006	12208
SB	82H6	12208
SC	60C9	12208
SD	65E9	12208
SM	6261	12208
SP	8009	12208
STR	3A1	12208
SW	73F6	12208
SWI	7389	12208

REGISTER PRIORITY LINK (RPL)

DESIG	LOCATION FS	LOCATION CAD
EV	6706	SEE CM CKT
HMA	72C1	SEE CM CKT
ODD	79B6	SEE CM CKT
OVFO	80H4	SEE CM CKT
OVF1	80B6	SEE CM CKT

REMOTE OFFICE TEST CONTROL (ROTC)

DESIG	LOCATION FS	LOCATION CAD
FGO	68F0	115B7
FG1	68H0	115B7
FG2	6882	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	769	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	6382	
CRUO,1,2,4	64G5	115D0
CRU7	64C7	115D0
CSG1	64E7	115D0
CSG2	64E7	115D0
CTAO	6582	115D0
CTA1,2	6582	115D0
CTA4,7	65C2	115D0
CUO,1,2,4,7	6585	115D0
DO,1,2,4	65H5	115D0
D7	65B7	115D0
DCT	66E0	115D0
DIS	66C2	115D0
DISI	66D2	115D0
DNGC	66E5	115C7
DNGO	66E5	115C7
EO,1,2,4,7	67B2	115D0
EFO,1,2,4,7	6585	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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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
G0,1,2,4,7	70E2	115D3
GPA	60C5	115D3
GPB	70D5	115C7
H7	71C0	115D3
HG0,1,2,4,7	71G0	115D3
LHM	75D5	115D3
LHMT	75E5	115D3
LK2	75F7	115D3
LK3	76B0	115D3
LT	76E2	115D3
LT1	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
RBT1	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	115D5
SDG	41C5	
TB	87D0	115D5
TDCT	8880	115D5
TI	6F0,89C1	115D5
TM	6E0	115D5
TR2	59D2	115D5
TRK	59C0	115D5
TRL	90G0	115D5
TRL1	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

REMOTE OFFICE TEST LINE (ROTL)

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
CKG1	63B0	116D0
CKR	63E0	116D
CKR1	63E0	116D8
CL3	63H0	
CL5	63B2	
CRU0,1,2,4	64G5	116D0
CSG1	64E7	116D0
CSG2	64E7	116D0
CSW	64F7	116D0
CTA0	65B2	116D0
CTA1,2	65B2	116D0
CTA4,7	65C2	116D0
CTT0,1,2,4,7	65F2	
CU0,1,2,4,7	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	116F0
DLTK	6685	
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	
G0,1,2,4,7	70E2	116D2
GPA	60C5	116D2
GPB	70D5	116D6
H0,1,2,4	70F7	116D8
H7	71C0	116D2
HG0,1,2,4,7	71G0	116D2
HMS1	72E0	116D2
HT0,1,2,4,7	72G2	116D6
INC	72B7	116D8
J0,1,2,4	7300	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
LT1	76G2	116D2
LT2	76H2	116D2
LT3	76B5	116D2
MAK1	76F7	116D2
MKT0,1	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
PCD1	80G7	116D8
PCR	81C0	SEE MTC CKT
PK	81H0	116D2
RA	81G5	116D6
RBT	81G5	116D4
RBT1	81H5	116D4
RC	81B7	116D8
RCT	81C7	116D2
RCT10	82F0	116D8
ROG	83C7	116D2
ROT1	83E9	116D6
RP	83F7	116D2
RS0	84D2	116D8
RS1	84E2	116D8
RSK	84E5	116D8

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
RTP	1E/D7	116D6
RV1	84C7	
S0-9	84F7	116D8
SB	8480	116D2
SBT	84C0	116D8
SCK	85F0	116D2
TAN	8665	116D2
TAN1	86D7	116D0
TAN2	86E7	116D0
TAN3	8667	116D0
TAN4	87C0	116D0
TB	87D0	116D4
TBT	87H2	116D8
TBT0-4	72B2	116D6
TBT5-9	72E2	116D6
TBTA	8785	116D8
TBU0-4	8685	116D6
TBU5-9	86E5	116D6
TBUA	8785	116D2
TCA	87E5	116D6
TCB	87G5	116D6
TDCT	8880	116D4
TF0,1,2	88F0	116D6
TF4	88G0	116D6
TF7	8860	
THT0	8865	116D6
THT1	88C7	116D6
THT2,3	8980	116D8
TI	89C1	116D4
TM	6E0	116D4
TMK	8985	116D8
TMK1	8985	116D8
TOL	89E7	116D8
TP'	90C0	116D8
TR2	5902	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
TT0,1,2,4,7	91F2	116D8
TTC	91G2	116D4
TTC1	91H2	SEE MTC CKT
UTG,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	9480	116D4

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

DESIG	LOCATION FS	LOCATION CAD
TB0	87F0	11987
TB1,2	87G0	11987
TB3,4	87H0	11987
TB5	8782	11987
TB6,7	8782	11987
TB8,9	87C2	11987
TSK	91E0	11987

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
1TR	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	68B4	106D2
CSU4	67E4	106D2
CSU7	79F4	106D2
D0,2,4	65H6	106D2
D7	65B9	106D2
DAC	81E4	106D2
DR0,1,2,4,7	66B9	106D2

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
DRA0	89C9	106D2
DRA1	84B9	106D2
DRA2	61G4	106D2
DRA4	67C1	106D2
DRA7	8389	106D2
DRAT0	85D9	106D7
DRAT1	88D1	106D7
E0,1,2,4,7	6784	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	7581	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	9166	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	7361	106D5
TA1	73C4	106D5
TA2	73D4	106D5
TA4	73E4	106D5
TA7	73E4	106D5
TB0	73F4	106D7
TB1	73H4	106D7
TB2	7386	106D7
TB4	73C6	106D7
TB7	7306	106D7
TC0	74D6	106D7
TC1	74E6	106D7
TC2	74G6	106D7
TC4	74B9	106D7
TC7	74C9	106D7
TCA	68D6	106D7
TC8	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
TR80	1408	106D7
TR81	14E8	106D7
TR81-0	14E8	106D7
TR81-1	14F8	106D7
TRST-0	1E/D1	106D7
TRST-1	1E/D1	106D7
TSC0,1	6389	106D7
TSC2-9	6481	106D7
U0,1,2,4,7	91C9	106D7
WR	76E6	106D7

ROUTE TRANSLATOR CONNECTOR (RTC)

DESIG	LOCATION FS	LOCATION CAD
RTC/1	7884	SEE CM CKT

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

DESIG	LOCATION FS	LOCATION CAD
OS0	7987	80B/H3
OS1	79C7	80B/H3
OS2	7907	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	281	101B0
SRT	66E7	101D3
STR	380	101B0
STR1	3C5	101B0
STR2	3C4	101B0
STRA	3D4	101B0
TR8	1408	101B0
TRB1	1408	101B0
TRC	1288	101B0
TRST	1E/D4	101B0

STUCK SENDER TRUNK IDENTIFIER (SSI)

DESIG	LOCATION FS	LOCATION CAD
CH2	76F0	SEE MTC CKT
CLF	80D0	
ENC0,1	80E0	SEE MTC CKT
FT0,1	69F0	SEE MTC CKT
FT2	69G0	
FU0,1,2,4,7	6987	
LH	75D5	SEE MTC CKT
LLP	76F0	
OS0	7987	SEE MTC CKT
OS1	79C7	
OS2	7907	
OS3	79F7	
OS4	79G7	
OSG0	80D0	SEE MTC CKT
OSF1,2	80E0	
OSG3,4	80F0	
OSG5	80H0	
OSG6-9	80B2	
OSG10,11	80C2	
RH	82E5	SEE MTC CKT
SSA	86G0	SEE MTC CKT
SSB	86H0	
SSTI	86B2	
SW0,1,2,4,7	69E7	
SWT0	69C2	
SWT1	69C2	
VU0-2	83F2	
VU4,7	83H2	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	988

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DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
ITR	59D1	118D8
2TR	59C4	118D8
A0,1,2,4,7	5989	119D0
ACD0	60D1	118D8
AL	6084	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	6609	119D0
DRT	66E9	119D0
DTK	67F1	

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
EX8		118D6
EXG		118D6
FAK	67F9	118D2
FBK	67G9	118D2
FCG	68C1	118D0
FCK	68E1	118D4
FM	68E4	118D2
FML	68F4	119D0
FR0	6886	118D8
FR1	68D6	118D8
FR2	68E8	118D8
FS0-2	6866	118D2
FS3,4	6889	118D2
FTCK	69H4	118D6
FTK1	6986	118D0
FU'0,1,2,4,7	69E9	119D0
FUT0,1,2,4	7081	118D8
FUT7	70D1	118D8
GLH	70C6	118D0
GT2	7089	118D0
GTL	70E9	119D0
HG'0,1,2,4,7	71C4	119D0
HGK	71D4	118D
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	118D6
IFK	7206	118D8
ITR	7381	119D0
JCO-4	7384	118D0
JCK	7306	118D2
JG0	73F6	118D2
JG1	7389	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
TEST CONNECTOR CKT FOR ACD (TCC)		
LC2	7466	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	88D9	119D0
LL4	88E9	119D0
LL7	88F9	119D0
LLCK	76C1	119D0
LV2-9	76D6	118D8
LXPA	76G6	118D8
LXPI	76B9	118D8
MAK1	76E9	118D8
MLF	77B4	118D8
MRL	77G4	118D6
MXT	77F9	118D8
OBS1	89B9	118D6
OBS2	89F6	118D6
ON	2A2	118D2
ORK	82D9	
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	84B1	118D8
RA1	84B1	118D8
RA2	84C1	118D8
RA3	84D1	118D8
RA4	84E1	118D8
RCY	82C4	118D2
RG0	63D9	119D0
RG1	63D9	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
TEST CONNECTOR CKT FOR ACD (TCC)		
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	86D1	118D0
SNK	85B9	118D6
SNR	85C9	118D4
STP1	8684	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	87D6	118D8
TCHK	87E9	118D4
TCK	87F9	118D2
TG0,1	8831	118D2
TG2-4	8803	118D2
TG5	8804	11808,119D2
TG6-9	88E1	119D2
TG10-14	88E4	119D2
TG15-19	88F4	119D2
TI	89B1	118D8
TIR	1468	118D6
TK	8984	118D2
TM	89G4	118D6
TP0	84C4	118D6
TP1	84C4,E4	118D6
TP2	84F4	118D6
TP3	84G4	118D6
TP4	84H4	118D6
TRL	90F1	118D4
TRS	90C4	118D4
TRS1	1F/G5	118D6
TRST	1F/G4	118D6
TS0-3	9004	118D0
TS4	90C6	118D0
TS5	90E6	118D0
TS6-9	90F6	118D0
TS10-12	9089	118D0
TS13,14	9009	118D0
TS15	90E9	118D0
TS16-19	9069	118D0
TSA	91B1	119D2
TSE	91C1	118D6

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
TSQ0	78C6	119D2
TSQ1	7806	119D2
TSQ2	78E6	119D2
TSQ4	78F6	119D2
TSQ7	91G1	119D2
TTG0,1	87F4	118D8
VF'0-4	9284	119D2
VFT0	9204	118D4
VFT1	92F4	118D4
VFT2	92H4	118D4
VFT3	92C6	118D4
VFT4	9206	118D4
VG'0,1,2,4,7	92E9	119D2
VG'10	9381	119D2
VGT0	93D1	
VGT1	93F1	
VGT2	93G1	
VGT3	93B4	
VGT4	93D4	
VGT5	93E4	119D2
VGT6	93F4	119D2
VGT7	93H4	119D2
VGT8	9386	119D2
VGT9	9306	119D2
VGT10	93F6	119D2
VGT11	9366	119D2
VTK1	93C9	118D2
WT	93E9	118D6
X8T	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	9506	118D0
XLS	95F6	118D0
XLV	95H6	118D0
XMRL	9589	119D2
XRL	96B1	119D2
XSL	96C4	118D4
XT81	96H4	119D2
XTC	75H6	118D8
XTC1	7589	118D8
XTG1	96D6	118D4
XTRK	96E6	118D0
XTRL	96F6	118D0
XTS	96H6	118D4
XTS1	96C9	118D4

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
XVGA	94C9	118D8
XVGB	94C6	118D0
TRANSFER LINE LINK MARKER CONNECTOR (TLLMC)		
CN0,1		90D7
CNG	27D3	
DTF	67C1	90D7
FR0	6886	90D7
FR1	68C6	90D7
FRG	27D8	
MG	28F3	SEE DTM CKT
RG0,1	63C9	
TRANSFER REGISTER MARKER CONNECTOR-MARKER PART (TRMC-MP)		
RGG	2803	7242,11100
RIK	8266	
XHG1	94B9	SEE CM CKT
XHGA	9489	
XL	95G1	
TRANSFER REGISTER MARKER CONNECTOR-REGISTER PART (TRMC-RP)		
RG0,1	63C9	90E7
RG2-9	6481	90E7
RG10-15	64E1	90E7
TRANSFER TEST REGISTER (TTR)		
2DT	59E0	10908
2LI		3984,10906
2W		10908
A0,1,2,4,7	59C7	10900
AL	6082	10900
AMA	76C0	10900
BT	61C0	10900
CGA	6280	10900
CGB	6280	10900
CIB	5E7	100C7,10900
CKG1	6380	10900
CRU0,1,2,4	6465	10380
CRU7	64C7	10900

DESIG	LOCATION FS	LOCATION CAD
TRANSFER TEST REGISTER (TTR)		
CSG1	64E7	10900
CSG2	64E7	10900
CTA0	6582	10900
CTA1,2	6582	10900
CTA4,7	65C2	10900
CU0,1,2,4,7	6585	10900
D0,1,2,4	65H5	10900
D7	6587	10900
DCT	66E0	10900
DIS	66C2	10902
DIS1	66D2	10902
EO,1,2,4,7	6782	10902
ECN	67E2	10902
EFO,1,2,4,7	6585	
F	67E5	10902
FO,1,2,4,7	6765	10902
FCK	68E0	
FGG	68F0	10902
FG1	68H0	10902
FG2	68C2	10902
FTO-3	6960	10902
FTCK	69H2	10902
FU0,1,2,4,7	69C7	10902
FVD	70C2	10902
GO,1,2,4,7	70E2	10902
GPA	60C5	10905
GPB	70D5	109E5
HO,1,2,4	70F7	10902
H7	71C0	110C0
HGO,1,2,4,7	71G0	10902
HMS1	72E0	10902
HTO,1,2,4,7	72G2	10904
INC	7287	10904
JO,1,2,4	7300	10904
J7	73E0	10904
KO,1,2,4	74G0	10904
K7	74E2	10904
KM	74E2	75C/H7,10906
L7	74H2	10904
LHM	7505	10904
LHMT	75E5	10904

DESIG	LOCATION FS	LOCATION CAD
TRANSEER TEST REGISTER (TTR)		
LK2	75F7	10904
LK3	76B0	10904
LT	76E2	10904
LT1	76G2	10904
LT2	76H2	10904
MKS	7F8	100C7,10904
MKT(0,1)	3B3,10904	
MO1	77C2	10904
MRL	77G2	10904
MT1K	77C5	10904
MT2K	77D5	
MT5	77E5	10904
MT8K	77G5	
MT9K	77H5	
MT10K	77B7	
NOBT	78E7	10904
OR	79E5	10904
PCD	80E7	10904
PCD1	80G7	10904
PCR	81C0	10904
PR	81H0	10904
POTS	81D2	75C/H7
RA	81G5	10904
RBT	81G5	10904
RBT1	81H5	10904
ROG	83C7	10904
RP	83F7	10906
SB	84B0	10906
SBT	85C0	10906
SCK	85F0	10906
SFL	86B0	
TAN	86B7	10906
TAN1	86D7	10906
TAN2	86E7	10906
TAN3	86G7	10906
TAN4	87C0	10906
TB	8700	
TBT	87H2	10906
TCA	87E5	10906
TC8	87G5	10906
TDCT	8880	10906
TF0-2	88F0	10906
TF4,7	88G0	10908

MASTER TEST FRAME CONNECTOR CKT

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DESIG	LOCATION FS	LOCATION CAD
TRANSFER TEST REGISTER (TTR)		
THTO	88G5	109D8
THT1	88C7	109D8
THT2,3	89B0	109D8
TI	89C1	100C7,109D8
TM	6D0	100C7,109D8
TMK	89B5	109D8
TMK1	89B5	109D8
TR2	59D2	109D8
TPX	5900	109D8
TRL	89G0	109D8
TRL1	90G0	109D8
TRL2	90H0	109D8
TS	6E8	100C7,109D8
TSE1	91D0	109D8
TST	91B2	100C7,109D8
TSTE	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	
XII	9480	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	

DESIG	LOCATION FS	LOCATION CAD
TRANSLATOR ACCESS CKT (TA)		
FU0	68H4	
FU1	75C9	
FU2	89E1	
FU3	6D09	
FU4	82E6	
FT0	81D6	
FT1	81B4	
FT2	89C6	
FT3	6786	
FT4	80B9	
FT5	68G4	
GC	95F4	
HG0,1,2,4,7	71G1	
OF	87E4	
OVG	8406	
RCCK	11G5	152A4,A7
RPT	70G1	
SC	85C1	
TGR	94F4	
TI	6H2	
TNK	96B9	
TPT	70F1	
TRB	13C8	154A2-[illegible]
TRST	1A/B2	154A2-[illegible]
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	78F1	
VF0	92F1	
VF1-4	92H1	
VG0	80F4	
VG1	61H1	
VG2	7986	
VG3	81E6	
VG4	75G1	
VG5	87C9	
XET	89G1	
XTL	75F9	
XVF	85G6	
XVG	62E1	
TRANSLATOR ADMINISTRATION AND TEST (TAT)		
A0,1,2,4,7	59C9	107D0
B0,1,2,4,7	60E6	107D0
C0,1,2,4,7		107D0

DESIG	LOCATION FS	LOCATION CAD
TRANSLATOR ADMINISTRATION AND TEST (TAT)		
C00,1,2,4,7	61C4	
D0,1,2,4	65H6	107D0
D7	6589	107D0
E0,1,2,4,7	6784	107D0
F0,1,2,4,7	67G6	107D0
G0,1,2,4,7	70E4	107D0
H0,1,2,4,7	70F9	107D0
H7	71B1	107D0
J0,1,2,4,7	73D1	107C2
J7	73E1	107C2
K0,1,2,4	74G1	107C2
K7	7484	107C2
L0,1,2,4	74F4	107C2
L7	74H4	107C2
M0,1,2,4	64F6	107C2
M7	78B1	107C2
N0,1,2,4	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
4D0	59G4	86D2,121A/F3
4L	81F9	86D2,121A/F3
4W	84F1	86F2,121A/F3
5D0	59D6	86D2,121A/F3
A0,1,2,4,7	59C9	86C7,121A/A3
A'0	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
B0,1,2,4,7	60F6	86C7,121A/A3
B'0,1,2,4,7	60H6	86G2,121A/A0

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
BA	96F4	86C5,121A/A0
BTO,1,2,4,7	71C1	121A/A0
BY	94B6	86C5,121A/A0
C	61B4	86G2,121A/A0
C0,1,2,4,7	61C4	86C7,121A/A3
C'0,1,2,4,7	61E4	86G2,121A/A0
CD0,1,2,4,7		86D2,121A/A3
CI	1A/C5	86G0,121A/B5
CII	9404	86C5,121A/A0
CIIT	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	95D9	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
CP0,2,4	64B6	86D2,121A/E3
CP1,7	64C6	86D2,121A/E3
CT0,1,2,4,7	73F1	121A/A0
D0,1,2,4	65H6	86C7,121A/A3
D7	6589	86C7,121A/A3
D'0,1,2,4,7	6509	86G2,121A/A0
DIST	66E4	86C5,121A/A0
DI<	84D9	86D2,121A/F3
DS	95B4	86G2,121A/A0
DTK	67G1	86C5,121A/A0
DTKI		86C5
DTKA	67G1	86G2,121A/A0

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
DTN	96C6	86G2,121A/A0
DTW	7989	86C5,121A/A0
E0,1,2,4,7	6784	86F5,121A/A3
E'0,1,2,4,7	67D4	86G2,121A/A0
EXB		
EXG		
EXT	94F1	86C5,121A/A0
F0,1,2,4,7	67F6	86F5,121A/A3
F'0,1,2,4,7	67H6	86G2,121A/A0
FABC	76C4	86F2,121A/F3
FACK	94F6	86F2,121A/F3
FTO-3	69G1	86D2,121A/F3
FU0,1,2,4,7	6989	86D2,121A/F3
G0,1,2,4,7	70E4	86F5,121A/A0
GC	95E4	86C5,121A/A0
H0,1,2,4	70F9	86F5,121A/A0
H7	71B1	86F5,121A/A0
HN0-4	72G1	86F2,121A/F3
HN5-9	7204	86F2,121A/F3
IC	96E1	86C5,121A/A0
ICK	72F6	86G2,121A/A0
IOD	6904	86D2,121A/A3
IR	72C9	86G2,121A/A0
IRY	96D4	86C5,121A/A0
J0,1,2,4	73D1	86F5,121A/A0
J7	73E1	86F5,121A/A0
K0,1,2,4	74G1	86C5,121A/A0
K7	7484	86C5,121A/A0
L	83C1	
L0,1,2,4	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

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
MB	9F3	86G0,121A/B5
MB0,1,2	77B1	86D2,121A/F3
MB4,7	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	6984	86D2,121A/A3
NOB	78D9	86C5,121A/A0
NSP	8989	86D2,121A/A3
OARO-2	66F4	86F2,121A/F3
OBS	79D4	86C5,121A/A0
OF	9589	86F2,121A/F3
OFF0-3	90F4	86F2,121A/F3
OFF4	9086	86F2,121A/F3
OFF5	9006	86F2,121A/F3
OFF6-9	9066	86D2,121A/A3
OFT	6801	86D2,121A/A3
OFTO-2	9089	86D2,121A/A3
OPI	94C6	86C5,121A/A0
P	82F6	86G2,121A/A0
PI	95C6	86G2,121A/A0
PS	9484	86C5,121A/A0
PA	80F6	86G2,121A/A0
POTS	86H1	86C5,121A/A0
PRE	94F9	86C5,121A/A0
PT	95B1	86G2,121A/A0
PTI	96G4	86G2,121A/A0

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
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	95G6	86G2,121A/A0
RD1	7489	86C5,121A/A0
RD2	7581	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
RNT0	79G4	86D2,121A/A3
RNT1	60E1	86D2,121A/A3
RNT2	81B6	86G2,121A/A0
RPT	70G1	86D2,121A/F3

DESIG	LOCATION FS	LOCATION CAD
TRANSVERTER (TV)		
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	79B4	
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	8966	86D2,121A/A3
SPL	86B1	86G2,121A/A0
T0-4	86H4	86F2,121A/F3
T5-9	86C6	86F2,121A/F3
TBL	77E9	86G2,121A/A0
TBY	94D1	86F2,121A/F3
TC1	1A/C4	121A/D3
TCT	88B1	86G2,121A/A0
TEA	94C4	86C5,121A/A0
TET	88E1	86C5,121A/A0
TGR	94F4	86D2,121A/F3
THO,1	78C4	86F2,121A/F3
TH2	78E4	
TH3,4	78G4	
TH5-9	7886	
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
TRU0	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	92G6	86D2,121A/F3
VG4,7	92B9	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,' 1A/A0
XT	96E4	86G2,121A/A0
XTKK	80?i	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
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

TRANSVERTER CONNECTOR (TVC)

DESIG	LOCATION FS	LOCATION CAD
FR1-4	68D6	89F7,127D0
FRG	27F8	89D7,127D0
HG0,1,2,4,7	71G1	
SG	28G3	89D7,127D0
SG0,1,2,4,7		89B7,127D0
VF0	92F1	89B7,127D0
VF1-4	92G1	89B7,127D0

TROUBLE RECORDER CONNECTOR (TRC)

DESIG	LOCATION FS	LOCATION CAD
CN0-2	63G6	80B/D0
CN3	63B9	80B/D0
FR0	68B6	80B/D0
FR1	68C6	80B/D0
FR2	68E6	80B/D0
FR3	68F6	
RP0	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
ALI	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	9384	120B5,D5
RC(-)	21B2	120F5
RCCK	11F5	120F5
RD	95G6	120B7,F7
RST0,1	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	2888	120F5
TRL	9684	120B7,F7
TRST	1B/B0-B3	120F5
TTKL	6681	120B7,F7
TV	93E1	120B7,F7
UO,1,2,4,7	92D1	120B5,D5
XOST	72B6	120B7,F7
XPI	80D4	SEE AMAR CKT
XRB	66B4	120B7,F7
XRLI	93B9	120B7,F7
XRTL	75F4	120B7,F7
XTI	86F6	120B7,F7
XTC	96B6	120B7,F7
XTL	96D6	120B7,F7
XTOK	6986	120B7,F7
XTP	80D4	120B7,F7
XUI	80E4	120B7,F7

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LC0	74D6	90F0
LCi	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
LV0,1	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	
FS0-2	68G5	120C0
FS3,4	6887	120C0
FS5-7	68D7	120C0
FS8,9	68E7	120C0
FS10-14	68F7	120C0
FS15-19	6867	120C0
FS20	6980	120C0
FS21	69C0	120C0
FS22-26	69D0	120C0
FS27-29	69E0	120C0
ROT	83D7	
TS0-3	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
GRP0,1	80B4	100D2
LT0		100D2
LT1,2	80C4	100D2
LT4	86G1	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
RS0	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	9309	100A5,C4

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
FT0	80D1	100D2
FT1	80E1	100D2
FU0	80E1	100D2
FU1,2	80G1	100D2
FU4	80H1	100D2
FU7	80B4	100D2

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

DESIG	LOCATION FS	LOCATION CARD
ITR	5980	S7,00F S7,00B
2DT	5900	S3,02F
2L	81E7	SA3,31B
2LN	59F0	R5,44F
2P	87F5	S2,13F
2TR	5982	S7,01F S7,01B
2W	59D2, 84F0	AB8,2F, 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	5905	RA7,40F
7DG	71F2	SA3,01B
7T	91G0	AB4,11F
11	59E5	S3,10F
A	5905, 93E2	RA2,44F, SA4,42B
A0,1,2,4,7	5987	S1,00-04F S1,00-04B
A'0	5907	S0,00F S0,00B
A'1	59E7	S0,01F S0,01B
A'2	59F7	S0,02F S0,02B
A'4,7	6080	S0,03,04F
ABX	82B0	SA3,34B
AC	71E2, 79F7	SA3,00B R4,33B
AC8	6080	R4,41F
ACD	60C0	R3,50F R3,50B
ACDO	60C0	S8,12F
ACTA	88E7	RA5,03B
ACTB	88F7	RA5,04B
AD	60D0	R3,21F R3,21B
AD'	60E0	R3,23F

DESIG	LOCATION FS	LOCATION CARD
AGI	64E5	AB1,11F
AG2	72D0	AB0,03F
AGCK	60F0	RA7,33F
AIOD	89B2	SA7,00B
AIODTO	87E0	SA1,00B
AIODTI,2	87F0	SA1,01,02B
AIS	60F0	R4,54F
AK	6060	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	6787	R6,10B
AMA	7680	S6,32F
AN	60C2	RA2,22F
ANC	60F2	R2,54F
AOS	69D2	R0,02B
AOT	6002	SA6,14F
ARO	64E2	R6,22B
ARO,1	60H2	S2,30,31F
ARI	66F5	R6,23B
AR2,4,7	6085	S2,32-34F
AR2,4,7	60F2	R6,24,30,31B
ARET	6062, 66E7, 91E5	S8,24F S8,04B S8,32B
ARS	79D5	R6,21B
ASK	8665	S3,23B
ASP	96C0	SA6,44B
ATO	76F2	S3,40B
ATO,1,2,4,7	70F2	R7,00-04B
ATI	7662	S3,41B
AT2	7685	S3,42B
ATKT	6085	S8,03F
ATT	66C7	S8,03B S6,31F
AVG	60C5	R6,13F
AVKI	6005	SA7,24F
B	93G2	SA4,43B
B0,1,2,4,7	60E5	S1,10-14F S1,10-14B
B'0,1,2,4,7	6065	S0,10-14F S0,10-14B
BA	96F2	SA6,12B
BAR	6685	RA4,32B
BBFC	7680	S6,32B
(BE)	85G2	RA7,22B
BIO	88G2	S6,34B
BII	6385	S6,40B
BIRA	92F2	SA3,22B

DESIG	LOCATION FS	LOCATION CARD
BLO,1,2,4,7	84B5	RA5,40-44B
BLDA	6087	RA4,23F
BLT	6087	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	8682	RA5,53B
BR7	8602	RA5,54B
BRL	6007	AB5,10F
BSP	95F7	SA6,43B
BT	6180	SA6,53F
BT0,1,2,4,7	71C0	R7,10-14B
BW0-29	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, 94B5	RA1,24F SA5,54B
CO,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	7080	SA4,11-14B
(CC7)	69E5	SA4,04B
(CCSP)	87F5	S2,13B
CD0	6580	R1,50B
CD0,1	61B5	AB6,5,2F
CD1	65C0	R1,51B
CD2	65E0	R1,52B
CD2,4,7	61C5	AB4,3,2F
CD4,7	6280	R1,53,54B
C'D'0,1,2,4,7	61D5	AB6,5,4,3,2F
CDAO,1,2,4	61E5	RA4,40-43F
CDA7	6165	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)	90B5	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
CHi	62G0, 9180	RA5,11F, RA4,04B
CH2	62B2, 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	95D7	SA5,24B
CIK	67C7	S3,21B
CK	62E7, 82B0, 95E0, 95E5	SA8,20F SA3,33B SA6,24B SA5,03B
CKI	95E5	SA5,03B
CKI-3	66F2	R2,30-32F
CK2	95G2	SA5,04B
CK4	95B5	SA5,10B
CK4,5	6662	R2,33,34F
CK7	94G2	SA5,02B
(CKF)	68C2	RA7,20B
CKG	62F7, 71E2, 95E2	S8,01F, SA3,00B SA5,01B
CKLO,1,2,4	61E5	RA4,40-43B
CKL7	6165	RA4,44B
CKLS	8787	RA4,33B
CKO	63C0	RA2,42F
CKR	6300	RA2,43F
CKRO,1,2,4	6187	RA4,50-53B
CKR7	61C7	RA4,54B
CKRS	8787	RA4,34B
CLO,1,2,4,7	8085	RA6,40-44B
CLI,2,4	63F0	R2,41,42,44F
CL3	6360	R2,43F
CL5	6382	R2,50F
CL6	63C2	R2,51F
CL7	63C2	R7,52F
CL8	6302	R7,53F

DESIG	LOCATION FS	LOCATION CARD
CLF	80C0	R4,00B
CLG	63E2	RA7,42F
CLK	87F7	RA7,50F
CLTI,2	63F2	RA7,43,44F
CM	6385	RA5,51F
CM3	6385	S6,40F
CMA	63C5	S6,41F
CMB	6305	S6,42F
CMC	6305	S6,43F
CMK	8907	S5,24F
CN	63E5	R6,50F
CNO,1	63F5	R5,10,11F R5,10,11B
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
CNR	64D2	S2,11F
CNS	64E2	R6,22F
CON	64F2	SA7,20F
CPO,2,4	6485	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)	6887	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	4B1,11F
CRT	80E5	RA6,31B
CRU0,1,2,4	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)	82C5	S4,40-43B
(CST7)	85E7	S4,44B

DESIG	LOCATION FS	LOCATION CARD
(CSU0)	68F0	S4,50B
(CSU1)	68G0	S4,51B
(CSU2)	6882	S4,52B
(CSU4)	67E2	S4,53B
(CSU7)	79F2	S4,54B
CSW	64F7	RA1,50F
CTO	65B0	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	6560	R2,52,53F
CT'0,1,2,4,7	61D5	A86,5,4,3,2F
CT8L	8402	RA5,31B
CTI	6502	RA4,13F
CTUK	65F2	R6,43F
CUO,1,2,4,7	6585	R0,50-54F
CUO-2	7780	R2,10-12B
CU4,7	77C0	R2,13,14B
CU'0-2	7780	R2,10-12F
CU'4,7	77C0	R2,13,14F
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	96D0	SA6,50B
DAC	6507	R4,42F
(DAC)	81E2	RA7,23B
DAT	65E7	RA4,22F
DATi	6680	SA5,30F
DC	88F5	RA5,00B
DCC	8887	RA5,01B
DCK	6505	S7,14F
DCKF	62F5	RA5,24B
DCT	66D0, 77F2	SA7,22F SA6,54B
DCT1	66E0	SA7,30F
DCT2	6660	SA7,33F
DCT3	66B2	SA7,31F
DIS1	66C2	SA7,34F
DLO	5905	RA7,40B
DL1	78F7	RA7,41B
DL1-3	66F2	R2,30-32F
DL2	63E2	RA7,42B
DL4,5	6662	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	7860	RA7,54B
DR-EMG	66F7	S8,54B
DRA0	89C7	S7,34B
DRA1	8487	S7,40B
DRA2	61F2	S7,41B
DRA3	67C0	S7,42B
DRA4	8387	S7,43B
(DRA4)	67C0	S7,42B
DRA5	81G2	S7,44B
DRA6	8500	S7,50B
DRA7	7980	S7,51B
(DRA7)	8387	S7,43B
DRA8	7980	S7,52B
DRA9	85E7	S7,53B
DRA-EMG	66F7	S7,54B
(DRATO)	8507	S7,32B
(DRATI)	88C0	S7,33B
DRC	66C7	S6,31F
DRT	66E7	S8,04F
DRTO	66F7, 8507	S8,54F, S7,32B
DRTI	66F7, 88C0	S7,54F S7,33B
DRT2	7380	S7,31B
DS	9582	SA6,32B
DTO,1,2,4,7	6667	RA0,00-04F RA0,00-04B
DTF	67C0	S7,42F
DTI	67D0	SA5,23F
DTK	6002, 67E0	SA6,14B SA8,40F
DTN	9685	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
E0,1,2,4,7	6782	S1,40-44F S1,40-44B
E'0,1,2,4,7	67C2	S0,40-44F S0,40-44F
EA0	69B2	R0,00B
EA1	69C2	R0,01B
EA2	69D2	R0,02B
EB0,1,2,4	6907	R0,10-13B
EB7	92E7	R0,14B
EC0,1,2,4	92E7	R0,20-23B
EC0-2	88F0	S3,50-52B
EC7	9380	R0,24B
ECN	67E2	S4,53F
ECT	84G2	RA5,33B
ECTO-2	6585	R0,50-52B
ECU0	6580	R1,50B
ECU1	65C0	R1,51B
ECU2	65E0	R1,52B
ECU4,7	6280	R1,53,54B
ED0,1,2,4,7	7182	R0,30-34B
EE0,1,2,4,7	9282	R0,40-44B
EF	67F2, 87D2	RA7,31F RA1,22B
EF0,1,2,4,7	6585	R0,50-54B
EG	67G2	RA2,52F
EN	6785	RA1,03F
ENCO,1	8000	R4,01,02B
EOL	96B2	SA6,41B
EOR	6285	RA5,21B
ERTO	82F2	RA4,31B
ESCK	67C5	AB4,10F
ET	96F0	SA4,54B
ETM	8065	RA6,32B
ETMO	82E2	RA4,30B
EVG	75F5	RA1,40B
EVN	92F2	SA3,22B
EX1	7805	RA4,01B
EX2	78E5	RA4,02B
EXT	94F0	SA5,52B

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

DESIG	LOCATION FS	LOCATION CARD
F0,1,2,4,7	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	6880	R3,53F
		R3,53B
FCG	6890	S7,12F
FCK	68D0	SA8,12F
FGO	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	6885	R5,00F R5,00B
FR1	68C5	S5,01F
FR1-4	6805	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	6980	SA0,40F
FS21	69C0	SA0,41F
FS22-26	6900	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	6785	RA1,03B
FT4	8087	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	6987	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	6907	R0,04,10-13F
FUT0,1,2,3/4	7080	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 R8,00-04B
GO-2	68F5	SA0,00-02B
G3,4	68B7	SA0,03,043
G5-7	68C7	SA0,10-12B
G8,9	68D7	SA0,13,14B
G10-14	68E7	SA0,20-243
G15-19	68F7	SA0,30-34B
G'0,1,2,4,7	70F2	R7,00-04F
GA	6980	SA0,40B
GB	69C0	SA0,41B
GC	95E2	SA5,01B
GLA	70G2	RA2,23F
GLB	7085	RA2,30F
GLH	7085	SA7,14F
GPA	60C5	R6,13F
GPB	7005	R6,14F
GS1-4	70E5	R6,00-03F
GS5	70F5	R6,04F
GT2	7087	SA7,21F
GT5	70C7	S7,20F
GTL	7007	SA8,10F

DESIG	LOCATION FS	LOCATION CARD
H0,1,2,4	70E7	R8,10-13F R8,10-13B
H7	7180	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	9287	R1,22,23B
HDA	73F2	RA6,10B
HDB	7385	RA6,12B
HDK	95F7	SA6,43B
HF	71E0	R5,52F
HG0,1,2,4,7	71F0	R1,30-34F R1,30-34B
HG'0,1,2,4,7	7182	R0,30-34F
HGK	71C2	SA8,50F
HGT0	71E2	SA3,00F
HGT1	71F2	SA3,01F
HGT2	7185	SA3,02F
HGT3	71C5	SA3,03F
HGT4	71E5	SA3,04F
HGT5	7105	SA3,10F
HGT6	7187	SA3,11F
HGT7	71C7	SA3,12F
HGT8	71E7	SA3,13F
HGT9	7280	SA3,14F
HMS	7200	A80,03F
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
HTO,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	6085	S2,32-34F
HTK1	7285	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	9285	SA3,23B
IFK	72F5	S6,24F
INC	7287	S3,22F
IOD	69C2	RO,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	8382	R3,10F
ITC6	8382	R3,11F
ITC7	83C2	R3,12F
ITC8	83D2	R3,13F
ITC9	83E2	R3,14F
ITR	71G5, 7380	SA3,10B, S7,31F
ITTR	9680	SA5,44B
J0,1,2,4	73C0	R8,20-23F R8,20-23B
J7	73D0	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	7385	RA6,12F
JC8	7385	RA6,13F
JC9	73C5	RA6,14F
JCK	73D5	SA8,53F
JGO	73E5	RA6,20F
JG1	7387	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
LO,1,2,4	74F2	R8,40-43F R8,40-43B
L7	74G2	R8,44F R8,44B
L'0,1,2,4,7	7485	R7,40-44F
L5D	8205	R3,30F R3,30B
LB	74C5	S6,13F
LC	9665	SA6,31B
LCO	74D5	RA7,00F
LC1	74E5	RA7,01F
LC2	74G5	RA7,02F
LC3	7487	RA7,03F
LC4	74C7	RA7,04F
LC5	7407	RA7,10F
LC6	74F7	RA7,11F
LC7	7580	RA7,12F
LC8	75C0	RA7,13F
LC9	7500	RA7,14F
LCDO,1,2	75F0	R3,42-44F R3,42-44B
LCH	75G0	RA1,32F
LCK	7582	SA8,43F
LCP	6700	SA5,23B
LCPT	84F2	RA5,32B
LDN	75C2	RA4,11F
LDT	75D2	S7,04F
LFK	75F2	SA8,34F
LFKI	7585	RA7,21F
LH	75C5	R3,24F
LI	75F5	RA1,40F
LIO	75G5	SA5,34F
LII	7587	SA5,40F
LIN	75C7	RA1,12F
LIT	75C7	S8,23F
LK	75D7	SA8,52F
LKI	75E7	SA7,32F

DESIG	LOCATION FS	LOCATION CARD
LLO	88F5	RA5,00F RA5,00B
LL1	8887	RA5,01F RA5,01B
LL2	88D7	RA5,02F RA5,02B
LL4	88E7	RA5,03F RA5,03B
LL7	88F7	RA5,04F RA5,04B
LLCK	7680	S6,32F
LLP	76F0	RA4,10F
LOO	85C7	S6,23B
LOI	7782	S7,23B
LOLD	76F0	AB8,10F
LOLL	7660	A87,10F
LPI	9180	RA4,04F
LR	7682	S7,13F
LRA	72F5	S6,24F
LRI	76C2	SA5,11F
LST	75C5	R3,24F R3,24B
LT	8582	S3,00F
LTI	76F2	S3,40F
LT2	7662	S3,41F
LT3	7685	S3,42F
LVO,1	76C5	RA8,53,54F
LV2-9	7605	RA3,40-44, 50-52F
LVF	7605	S8,13F S8,13B
LVM	76E5	S8,14F S8,14B
LVR	76F5	A88,3F
LVS	76F5	A87,3F
LXPA	76G5	SA7,04F
LXPI	7687	SA7,13F
M	76C7	S8,11F
MO,1,2,4	61E5, 64F5	RA4,40-43F R8,51-54B
M7	6165, 7880	RA4,44F R8,50F R8,50B
M'0,1,2,4	6187	RA4,50-53F
M'7	61C7, 78C0	RA4,54F R7,50F
MII	7607	R7,51F
MAKI	76E7	SA8,22F
MAN	87D5	S2,12F

DESIG	LOCATION FS	LOCATION CARD
MB	12B3	
MBO-2	7780	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	6180	SA6,53B
MF	77E0	S7,30F
MG	72C5	SA7,02B
MIR	77G0	S8,21F
MKR	77G0	S8,30F
MLF	7782	S7,23F
MLV	60C0	S8,12F
MO	8380	SA7,01B
MOR	77E2	S8,20F
MOS	8682	S8,22F
MPT	60F0	R4,54F
MRI	6502	RA4,13F
MRL	77F2	SA6,54F
MRRL	9507	SA5,24B
MRST	95C7	SA5,22B
MT	7280	SA3,14B
MTO	83F0	R3,03B
MTO,1,2,4,7	77H2	RA0,40-44F RA0,40-44B
MTI	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	6502	RA4,13B
MTRS	91F5	S8, 31B
MTTR	9302	SA4,43B
MUO,1,2,4,7	7707	RA0,50-54F RA0,50-54B
MUO	8382	R3,10B
MU1	8382	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	7880	R8,50F
N'7	78C0	R7,50F
NAC	62C0	R4,34B
NC	78E0	R3,34F
NDI	78F0	RA7,53F
NDK	78G0	RA7,54F
NE	7882	SA8,03F
NGCTO	78C5	RA4,00F
NGCTI	78D5	RA4,01F
NGCT2	78E5	RA4,02F
NGCT3	78F5	RA4,03F
NGCU0,1	7882	RA3,00,01F
NGCU2	7802	RA3,02F
NGCU3,4	78F2	RA3,03,04F
NGCU5-9	7885	RA3,10-14F
NGK	78F5	RA2,24F
NGK1	7085	RA2,30F
NH	7865	R5,53F
NID	6982	RO,00B
NLOO	72F5	S6,24B
NLO1	65F5	S7,24B
NMBO	66C7	S6,31B
NMB1	7380	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
NR90	81E7	SA3,31B
NRD1	81F7	SA3,32B
NS	77F2	SA6,54B
NSI	7980	S7,52F
NSO	7980	S7,51F
NSP	79C0, 89B7	S3,43F, S2,14B
NT	79C0	R5,50F
NTB	79D5	S3,20B
NTT	79E0	R4,53F

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

DESIG	LOCATION FS	LOCATION CARD
A0	79F0	S3,11F
0A0,1,2,4,7	70F2	R7,00-04B
(0A0,1,2,4,7)	72F2	S5,30-34B
0ARO-2	66F2	R2,30-32B
0B	79B2	S3,12F
0B0,1,2,4,7	71C0	R7,10-14B
(0B0,1,2,4,7)	91E2	S5,40-44B
0BS	79C2	S2,21F
		S2,21B
0BS'	79D2	R3,40F
0BS1	89B7	S2,14F
0BS2	89F5	S2,20F
0C	83B0	SA7,01B
0C0,1,2,4,7	73F0	R7,20-24B
(0C0,1,2,4,7)	92C0	S5,50-54B
0CN	79F2	S4,54F
0D	79G2	R3,20F
		R3,20B
0D'	79B5	R3,22F
0D0,1,2,4,7	74C2	R7,30-34B
0D0	92E2	SA3,21B
0E0,1,2,4,7	74B5	R7,40-44B
0F	87D2, 95B7	RA1,21B SA5,50B
0FO	78C0	R7,50B
0F1	76D7	R7,51B
0F2	63C2	R7,52B
0F4	63D2	R7,53B
0F7	64B7	R7,54B
0FF0-3	90F2	RA8,00-03B
0FF4	90B5	RA8,04B
0FF5	90D5	RA8,10B
0FF6-9	90F5	RA8,11-14B
0FF'0	65B0	R1,50B
0FF'1	65C0	R1,51B
0FF'2	65E0	R1,52B
0FF'4,7	62B0	R1,53,54B
0FH	79B5	RA1,30F
0FT0-2	90B7	RA8,20-22B
0G0,1,2,4	70E5	R6,00-03B
0G7	70F5	R6,04B
0IK	71B7	SA3,11B
0IN0,1,2,4,7	64F5	S2,50-54B
0IT0,1	90C7	RA8,23,24B
0IT2	90E7	RA8,30B
0N	73C5	RA6,14B
0OL	96B7	SA6,42B
0P1	94C5	SA6,02B
0PR	79D5	R6,21F
0R	79D5	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
ORC'0	83D5	R4,50F
ORC'1	79F5	R4,51F
ORC'2	79G5	R4,52F
ORK	82C7	SA8,24F
ORT0,1	60H2	S2,30,31B
ORU0,1,2,4,7	60E7	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	80C0	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
(OT)	75B5	RA7,21B
OTO	93B2	SA4,34B
OTK	82G0	SA3,51B
OTT	80E2	RA7,51F
OV	80F2	RA1,23F
OVG	84D5	RA1,34B
P	82F5	SA6,13B
P0-4	80B5	RA6,40-44F
P1	95C5	SA6,30B
P2L	72B0	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	81B0	S3,30F
PD	81C0	S2,01F
PE	81E0	RA6,34F
PERF0,1,2	81F0	RA1,52-54F RA1,52-54B
PHC	81F0	S3,13F
PK	81H0	S2,02F
PKA	73H2	RA6,11B
PKB	73B5	RA6,13B
PN	81B2	RA1,01F
PNR	81C2	RA6,30F
POTS	81D2, 86G0	RA4,12F, R4,23B
PPSP	87D5	S2,12B
PR	81E2	RA7,23F
PRCY	84B2	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	81B5	S2,00F
PS'	81C5	AB3,10F
PSR	62E5	RA5,23B
PT	9580	SA6,22B
PT1	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
RA0	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	9487	SA5,53B
RB1	74E5	RA7,01B
RB2	74D7	RA7,10B
RB3	7500	RA7,14B
RB4	81E2	RA7,23B
RC1	74G5	RA7,02B
RC2	74F7	RA7,11B
RC3	68C2	RA7,20B
RC4	9185	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	8180	S3,30B
RGO,1	6387	S4,00,01F
RG1	80E7	S3,31B
RG2	80F7	S3,32B
RG2-9	6480	S4,02-04, 10-14F
RG4	61G2	S3,33B
RG7	6185	S3,34B
RG10-15	64E0	S4,20-24,30F
RG16-19	64B2	S4,31-34F
RG20-23	82C5	S4,40-43F
RGK	7185	SA3,02B
RH	8205	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 S48,51F SA5,14B
RK1	82C7	S48,24F
RK2	8207	S48,30F
RK3	7185, 82E7	SA3,02B, S48,44F
RL	76B2, 8380, 96C0	S7,13B, SA7,01F, SA6,44B
RL1	6505, 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	8385	RA2,53F
RNK	8385	SA7,50F
RNTO	79G2	R3,20F R3,20B
RNT1	6000	R3,21F R3,21B
RNT2	8185, 83C5	S2,00B SA7,44F
RNT20	83E5	AB0,2F
RNT'0	79B5	R3,22F
RNT'1	60E0	R3,23F
RNT'2	8305	R4,50F
RO	83F5	S3,44F
RO'	83G5	R4,40F
ROA	8387	S7,43F
ROP	92C5	SA3,24B
ROP1	8200	SA3,42B
ROS	12A5	S8,02F
ROTL	83E7	

DESIG	LOCATION FS	LOCATION CARD
RP	83E7	R6,53F
RP0	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	9482	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	84B5	RA5,40-43F
RS9	84B5	RA5,44F
RSK	84D5	RA1,34F
RSTO,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)	78B2	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	8487	S7,40F
RV1	8487	R4,44F
RYK	84C7	SA5,13F

DESIG	LOCATION FS	LOCATION CARD
(S0,1) S0-8	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	6087, 85C0	RA4,21B R3,33F R3,33B
SCB	90E0 8500	SA6,52B S7,50F
SCH	7907	R4,31B
SCK	85E0	S2,10F
SCN	85F0	S2,04F
SD	65E7, 8637	RA4,22B S6,44F
SDG	8582	S3,00F
SDT	8502	S7,03F
SEF	85F2	RA7,32F
SF	85G2	RA7,22F
SKO	8305	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	8282	SA3,54B
SM	62G0	RA5,11B
SNC	79E7	R4,32B
SNG	70G2	RA2,23F
SNK	8587	SA6,14F
SNR	85C7	S6,23F

DESIG	LOCATION FS	LOCATION CARD
SOG	71E5, 8507	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
SPT0	7085	RA2,30B
SPT1	9280	RA2,31B
SPU0	80C7	RA2,40B
SPU1	85D5	RA2,41B
SPU2	63C0	RA2,42B
SPU4	6300	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
SS1	86F0	R4,22F
SS8	8660	R4,23F
SSTI	8682	S8,22F
STP1	8682	RA5,53F
STP2	8602	RA5,54F
STR	3B8	
STRA	3F8	
SW	73E5	RA6,20B
SW0,1,2,4,7	6907, 71F0	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

BELL LABORATORIES | SD-25805-01- | A48

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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
TA	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	86E7	S6,51F
TAN3	86F7	S6,52F
TAN4	8780	S6,53F
TAN5	87C0	S6,54F
TARO	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	RA1,22F
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

DESIG	LOCATION FS	LOCATION CARD
(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
TH0	88F5	RA5,00F
TH0,1	7882	RA3,00,01B
TH1	8887	RA5,01F
TH2	78D2	RA3,02B
TH2	88D7	RA5,02F
TH3	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	8980	S8,00F S8,00B
TIA0	8480	S6,03B
TIA1	8480	S6,04B
TIA2	84C0	S6,10B
TIA3	8400	S6,11B
TIN	89E0	RA1,13F
TIR	89F0	SA7,53F
TK	86E2, 89B2	SA5,14B SA7,00F
TKT	89C2	S8,10F S8,10B

DESIG	LOCATION FS	LOCATION CARD
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	8905, 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
TOB	89F5	S2,20F
TOBS	89B7	S2,14F
TOG	89C7	S7,34F
TOK	89D7, 94D7	S5,24F SA5,21B
TOL	89E7	S3,24F
TP	90B0	R6,51F
TP'	90C0	R6,52F
TPO	84C2	RA5,30F
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	6880	S7,12B
TRL	90E0	SA6,52F SA6,52B
	96B2	SA6,41B
TRMF	89E7	S3,24B
TRN	90B2	SA8,04F
TRS	90C2	S7,10F S7,10B
TRSA	73C2	RA6,01B
TRSB	73D2	RA6,02B
TRT0,1,2,4	82C5	S4,40-43B
TRT7	85E7	S4,44B
TRU0	68F0	S4,50B
TRU1	68G0	S4,51B
TRU2	68B2	S4,52B
TRU4	67E2	S4,53B
TRU7	79F2	S4,54B

DESIG	LOCATION FS	LOCATION CARD
TS	88G2	S6,33B
TS0-3	90F2	RA8,00-03F
TS4	90B5	RA8,04F
TS5	90D5	RA8,10F
TS6-9	90F5	RA8,11-14F
TS10-12	90B7	RA8,20-22F
TS13,14	90C7	RA8,23,24F
TS15	90E7	RA8,30F
TS16-19	90F7	RA8,31-34F
TSA	91B0	RA4,04F
(TSC0,1)	63B7	S4,00,01B
(TSC2-9)	6480	S4,02-04, 10-14B
TSE	91C0	SA8,11F
TSQ0	78C5	RA4,00F
TSQ1	78D5	RA4,01F
TSQ2	78E5	RA4,02F
TSQ4	78F5	RA4,03F
TSQ7	91G0	AB4,11F
TSR	86F5	SA7,42F
TST	78C5, 91B2, 9385	R4,00B, S8,01F, SA4,44B
TSTI	8807	RA5,02B
TT	91C2	S3,01F
(TT0)	62C0	R4,34B
TT0,1,2,4,7	91E2	S5,40-44F
(TT4,7)	91F2	R4,41,42F
TT'0,1,2,4,7	60E7	S2,40-44F
TTF	91B5	RA7,24F
TTG0,1	87F2	SA1,51,52F
TTK	82G0, 91C5	SA3,52B RA7,52F
TTKL	6680	SA5,30B
TTR	91D5	R6,32F R6,32B
TTT	84B2	S6,02B
(TU0,1)	91E5	R4,43,44F
TV	91G5, 93E0	S8,31B, SA4,32B
TVT	78E0	R3,34F R3,34B
TWT	65E5	R6,20F

DESIG	LOCATION FS	LOCATION CARD
U0-4	91C7	RA2,00-04F
		RA2,00-04B
(U0,1,2,4,7)	91C7	RA2,00-04B
U0,1,2,4,7	92C0	S5,50-54B
U5-9	91F7	RA2,10-14F
		RA2,10-14B
U'0	92E0	R1,40B
U'1,2,4,7	92G0	R1,41-44B
UK	9280	RA2,31F
UT0,1,2,4,7	92C0	S5,50-54F
UT'0,1,2,4,7	64F5	S2,50-54F
VF0	92E0	R1,40F R1,40B
VF1-4	92G0	R1,41-44F R1,41-44B
VF'0-4	9282	R0,40-44F
VFT0	92C2	SA3,20F
VFT1	92E2	SA3,21F
VFT2	92F2	SA3,22F
VFT3	9285	SA3,23F
VFT4	92C5	SA3,24F
VG0	80F2	RA1,23B
VG0,1	92E5	R1,14,20F R1,14,20B
VG1	61G0	RA1,24B
VG2	7985, 92F5	RA1,30B R1,21F R1,21B
VG3	81E5	RA1,31B
VG4	75G0	RA1,32B
VG4,7	92B7	R1,22,23F R1,22,23B
VG5	87C7	RA1,33B
VG10	92C7	R1,24F R1,24B
VG'0,1,2,4,7	92E7	R0,14,20-23F
VG'10	9380	R0,24F
VGT0	93D0	SA4,31F
VGT1	93E0	SA4,32F
VGT2	93F0	SA4,33F
VGT3	93B2	SA4,34F
VGT4	93C2	SA4,40F
VGT5	93D2	SA4,41F
VGT6	93E2	SA4,42F
VGT7	9362	SA4,43F
VGT8	93B5	SA4,44F
VGT9	93C5	SA4,50F
VGT10	93E5	SA4,51F
VGT11	93G5	SA4,52F

DESIG	LOCATION FS	LOCATION CARD
VTC	82C0	SA3,40B
	9387	R3,51F
		R3,51B
VTKI	9387	SA8,31F
VU0-2	83F2	R2,20-22F
VU4,7	83G2	R2,23,24F
W	79C7	R4,30B
WC	9307	S2,23F S2,23B
WCK	62C2	RA5,13B
WKC	93D7	R3,54F R3,54B
(WR)	76E5	S8,14B
WSF	84C2	RA5,30B
WSM	6282	RA5,12B
WT	93E7	S7,02F
WTL	81E0	RA6,34B
X	76B7	SA7,13B
X2P	95E5	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
XCKR	94B2	SA5,33F
XCL	94B2	SA6,00F
XCLC	94D2	SA5,32F
XCP	94E2	SA6,04F
XCR	94E2	SA6,01F
XCS	94G2	SA5,02F
XCW	94B5	SA5,54F
XDL	94C5	SA6,02F
XDS	66E0	SA7,30B
XET	89F0	SA7,53B

DESIG	LOCATION FS	LOCATION CARD
XF	94D5	SA6,40F
XFT	94E5	SA6,51F
XFUT	94F5	SA5,12F
XHG	94G5	SA5,00F
XHGI	9487	SA6,03F
XHGA	9487	SA5,53F
XHM	94D7	SA5,21F
XI	94E7	SA6,11F
XIC	66D0	SA7,22B
XICK	84C5	SA7,23B
XIN1	67E0	SA8,40B
XIN2	67E7	SA8,41B
XIN3	67F7	SA8,42B
XJC	9580	SA6,22F
XJG	95D0	SA6,23F
XJS	95E0	SA6,24F
XL	95G0	SA6,10F
XLC	95B2	SA6,32F
XLF	95C2	SA4,53F
XLG	95E2	SA5,11F
XLH	95G2	SA5,04F
XLO	9585	SA5,10F
XLR	95C5	SA6,30F
XLS	95E5	SA5,03F
XLV	95G5	SA6,33F
XMB	9487	SA6,03F
XMRL	9587	SA5,50F
XN	95C7	SA5,22F
XNL	6005	SA7,24B
XOB	95G0	SA6,10F
XOF	8385	SA7,50B
XOST	7285	SA8,32B
XP	66E0	SA7,30B
XPI	80D2	SA7,41B
XPG	95D7	SA5,24F
XPL	7085	SA7,14B
XPT	95F7	SA6,43F

DESIG	LOCATION FS	LOCATION CARD
XRA	75B2	SA8,43B
XRB	66B2	SA7,31B
XRD	85E5	SA7,51B
XRE	82B7	SA8,51B
XRL	70B7, 9680	SA7,21B, SA5,44F
XRL1	9387	SA8,31B
XRN	71C2	SA8,50B
XRS	96C0	SA6,44F
XRSI	96D0	SA6,50F
XRST	64F2	SA7,20B
XRTL	75F2	SA8,34B
XS	82E7, 96E0	SA8,44B SA5,20F
XSA	94D7	SA5,21F
XSC	96F0	SA4,54F
XSL	96B2	SA6,41F
XSS	86E2	SA5,14F
XST	70B5	SA7,14B
XT	96D2	SA5,31F
XTI	86F5	SA7,42B
XTS	96F2	SA6,12F
XTB	82F5	SA6,13F
XTBI	96G2	SA6,20F
XTC	66G0, 75G5	SA7,33B SA5,34F
XTCI	7587	SA5,40F
XTG	60D2	SA6,14F
XTGI	9685	SA6,21F
XTKK	8080	SA7,40B
XTL	75E7	SA7,32B
XTOK	6985	SA8,33B
XTP	80D2	SA7,41B
XTRK	96E5	SA5,41F
XTRL	96F5	SA5,42F
XTS	66D0, 96G5	SA7,22B SA6,31F
XTSI	9687	SA6,42F
XTV	94E7	SA6,11F
XU	66C2	SA7,34B
XUI	80E2	SA7,43B
XVF	85F5	SA7,52B
XVG	62D0	SA7,54B
XVGA	9487	SA5,53F
XVGB	94B5	SA5,54F
XX	87C0	S6,54F

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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TRANSLATOR ACCESS CKT	TA	64E8
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TRANSVERTER	TV	65D1
TRANSVERTER CONNECTOR	TVC	67A2
TROUBLE RECORDER CONNECTOR	TRC	67D3
TROUBLE RECORDER CONTROL AND TEST	TR	69A0
TRUNK CONTROL CKT	TC	67F3
TRUNK LINK	TL	67F6
TRUNK LINK AND CONNECTOR	TL&C	67C7
TRUNK LINK CONNECTOR	TLC	67E7
TRUNK TEST	TT	67F7
WADS LINE CONCENTRATOR NO. 2A	WC	67C8

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION 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
HR1	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
P1	132B6	24G0,88E3,F0
PAK	131D9,E9	24D0,87B0,C0
PT	131B9,C9	24G0,88E3,F0
PTI	134B1	24G0,88E3,F0
P1J	131C4	24G0,88E3,F0
RC(-)	2182	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
RSTO-9	101B9	21E0,87H0
RSTI0-15	101E9	20B/D7,87H0, 95D1

AMA RECORDER (AMAR)

DESIG	LOCATION FS	LOCATION CAD
RSTI6-19	1028I	20B/D7,87H0, 95BI
RST20	120G6	67C0
RST21	127H4	67C0
RST22	98F1	67C0
RST23	104E4	67C0
RST24	130C6	67C0
RST25	98F6	67C0
RST26	11581	67C0
RST27	11505	67C0
RST28	11609	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	2181	
TCN0-9	10139	
TCN10-15	101E9	
TCN16-19	10281	
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	1B/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
XP1	116D1	24D0,87B0,C0
XT1	122F4	24D0,87B0,C0
XTC	134E1,F1	24G0,88E3,F0
XTL	134E4	24D0,87B0,C0
XTP	116D1	24D0
XU1	116E9	87B0,C0

AMA TRANSLATOR (AMAT)

DESIG	LOCATION FS	LOCATION CAD
GO-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	LOCATION FS	LOCATION CAD
ITR	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
CKI	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	SEE ATVC CKT
FTO-3	106F1	
FU0,1,2,4,7	106C9	
G0,1,2,4,7	107G4	
GC	132C4	
H7	108B1	
HN0-4	109D1	55D3
HN5-9	109F1	55D3
MB	9H3	53E6,G6
MBI	9H3	53E6,G6
MC	113C1	55G7
MOA	11344	55D7
NOB	114G6	55D7
OBS	115G1	55D7
OFF0,1	126B6	55A0
OFF2,3	126B6	55D3
OFF4	126E6	55D3
OFF5	12689	55D3
OFF6-9	126D9	55A0
OFT0-2	12781	55D3

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
P	133E9	55F7
PT	13189	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	12284	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 ATV CKT
VG10	129C4	
X	112C9	55D7
XET	13184	55D7
XRL	10709	55F7
XTL	112E1	55D7
XVF	121G1	55D3
XVG	100F6	55F7

ANI TRANSVERTER CONNECTOR (ATVC)

DESIG	LOCATION FS	LOCATION 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
CKI		98B4
CMB		98B4
CN0,1	102D1	7E7,98F0
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
FR0	105C6	7G7,98F0
FRG	27F8	54E7,G7
FT0-3		55H3,98B4
FU0,1,2,4,7		55A7,98B4
G0,1,2,4,7		55A0,98B4
GC	SEE ATV CKT	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
OFT0-2		98B4
P		98B4
PT		98B4
RL		55E7,98B4
RLA		98B4
RPT		5587,98B4

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	99A

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DESIG	LOCATION FS	LOCATION CAD
ANI TRANSVERTER CONNECTOR (ATVC)		
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		9884
TGR		9884
THO-9		9884
TIK		9884
TM		54E7,G7
TM2		9884
TNK		9884
TOP		9884
TPT		55A7,98B4
TR	SEE ATV CKT	55E7,98B4
TRA		9884
TRIT		55A7,98B4
TRL		9884
TRS		55A7,98B4
TTT		9884
TVT		54F7,G7
UO-9		9884
VFO	128G4	132F6
VF1-4	128C6	132A9
VGO,1,2,4,7,10		55H3,9884
X		9884
XET		9884
XRL	SEE ATV CKT	9884
XTL		9884
XVF		9884
XVG		9884

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)		
GO-19	28D8	13H7
GA		15A4
GB		15A4
GG		53C6,E6, 101B6, 152D4, D7
TLRO-29		13F7
TRG-	28F8	53C6,E6, 101B6,152C7, D4
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
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	
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 IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)		
GO-19		101E6
GA		101E6
GB		101E6
GG		17D7
TRL-	122F9,123B1	
TLRO-29	102F6	106D6
TRG		17D7

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
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	
FS10-19	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	107B5	5D/C3
HO	107G7,129B0	
HI	107G7,129B0	
H2	107G7,129E0	SEE MTC CKT
H4	107G7,129G0	
H7	108B0,129G0	
H'O,1,2,4,7	108C0	5D/C3
HGO,1,2,4,7	108F0	
HHS1	109C0	
HTO,1,2,4,7	109C2	
INC	109D5	SEE MTC CKT

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
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	
LTI	112H2	SEE MTC CKT
LT2	112B5	
LT3	112C5	
LVO,1	112E5	7F0
LV2-9	112F5	
MO, 1,2,4	100D2	
M7	100E2,113E7	SEE MTC CKT
M'O,1,2,4	100F2	
M'7	100H2,113G7	5D/C3
MII	11209	SEE MTC CKT
MF	113E0	SEE MTC CKT
MIR	113E1	7A0
MON	113B2	SEE MTC CKT
MOR	99H1,113C6	7A0
MOS	12189	7F0
MTRI	12C8	1B/G0
N7	113F7	
N'7	113G7	SEE MTC CKT
NDK	114C0	
OA	115B0	
OB	115D0	
ON	2A1	1B/A4,G0
OR	115G2	SEE MTC CKT
PCD	116D5	
PCD1	116E5	
PCR	116G5	
PD	116H5	
PHC	116C7	SEE MTC CKT
PK	116E7	
PS	117E0	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
RO	119D0	SEE MTC CKT
RP	119C2	
SCK	120C5	SEE MTC CKT
SCN	120C5	
SCT	120D5	
SPL	121G2	
SRT	104H0	5A/C7
STR	380	1B/A4,G0
STRI	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	1A08	1B/G0
TRB1	1A08	1B/G0
TRC	12A8	1B/A4,G0
TRST	1F/C7	2A/H0,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	
XII	130B5	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC PROGRESSION TRUNK TEST (APTT)		
ITR	98C0	SEE MTC CKT
2DT	98E0	
2W	98E2	
4W	98B5	
11	98E5	
AO,1,2,4,7	9987	
AKT	488	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	10000	
CDNK	10085	104D7
CGA,B	10005	SEE MTC CKT
CIB	5D7	1B/E0
CKGI	101H0	SEE MTC CKT
CKR	101D2	
CKRI	101E2	
CN	101H5	104D7
CRUO,1,2,4	102D5	SEE MTC CKT
CRU7	102E5	
CSGI	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	
DISI	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
FS10-19	106B0	104D7

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC PROGRESSION TRUNK TEST (APTT)		
FS20,21	106C0	104D7
FS22-29	106D0	104D7
FTO-3	106F0	SEE MTC CKT
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	
LTI	112H2	
LT2	112B5	
LT3	112C5	
MKT-	7E6	1B/E7,3E3, 104D7
MOI	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

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC PROGRESSION TRUNK TEST (APTT)		
NDT	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	11782	
RBT	117C2	
RBTI	117C2	
RC	11702	
RCT	117E2	
RCTI	117F2	
ROG	119F0	
RP	119C2	
RSO	119E5	
RSI	119F5	
RSK	12080	
SO-9	120C2	
SB	120E2	
SBT	120E2	
SCK	120C5	
SRTI	121E5	SEE MTC CKT
TAN	12285	
TAN1	122D5	
TAN2	122F5	
TAN3	122G5	
TAN4	122B7	
TB	122D7	
TBT	123C2	
TBTO-4	109F0	
TBT5-9	10983	
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

DWG SIZE 6S | ISSUE 98B

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DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC PROGRESSION TRUNK TEST (APTT)		
THC	124E7	104D7
THTO	124G2	SEE MTC CKT
THT1	124C5	
THT2	125C0	
THT3	125C0	
TI	6H1,125D1	1B/E0
TM	6C0	1B/E0
TMK	125B5	
TMK1	125B5	
TOL	126C0	
TP	126E0	
TP'	126F0	
TRK	98C0	SEE MTC CKT
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	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC RANGE EXTENSION TEST (ARET)		
ITR	98C0	
2W	98D2	108D0
A0,1,2,4,7	98B7	109D0
ARET1	127H6	108D0
ASK	122B5	108D0
B0,1,2,4,7	99D5	108D0
BT	99C7	109D0
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
DISI	103G5	108D0
EXT	104F5	108D0
FM	105G2	108D0
FTO-3	106F0	108D0
FTC	106G2	108D0
FTCK	106H2	108D0
FU0,1,2,4,7	10687	108D0
H4,7	129G0	
HG0,1,2,4,7	108F0	108D0
JSQ0	110H2	108D2
KJSQ	110E5	108D2
LHMT	111G7	108D2
LK2	112E0	108D2
LK3	112F0	108D2
LL0	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

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC RANGE EXTENSION TEST (ARET)		
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	1488	108D5
TRB1	1488	108D5
TRC	1288	108D5
TRK	98C0	108D5
TRL	126C2	108D5
TRLA		108D5
TRLK	133D5	
TRMF	12680	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

DESIG	LOCATION FS	LOCATION CAD
BILLING DATA TRANSMITTER (BDT)		
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

DESIG	LOCATION FS	LOCATION CAD
BILLING INDEXER (BI)		
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
QINO,1,2,4,7	102B6	90D5
QITO,1	127D1	90D5
QIT2	127E1	90D5
QRTO,1	99E4	90D3
QRUO,1,2,4,7	99H6	90D3
QTK	117B9	90D3
PRL	117F4	90D5
RGO	116F6	90D5
RG1	116C6	90D5
RG2	116C6	90D5
RG4	100G1	90D5
RG7	100H1	90D5

DESIG	LOCATION FS	LOCATION CAD
BILLING INDEXER (BI)		
ROP	128F9	90D5
ROP1	117F6	90D3
RSG1	117F6	90D3
RSG2	117G6	90D3
RSG3	117G6	90D3
TC	117E6	90D3
TRTO	118B1	90D3
TRT1		90D3
TRT2		90D3
TRT4		90D3
TRT7	121F4	90D3
TRUO	105B4	90D3
TRU1	105C4	90D3
TRU2	105E4	90D3
TRU4	10486	90D3
TRU7	11584	90D3
TS	12489	90D3
TTK	11789	90D3
VTC	117E6	90D3

DESIG	LOCATION FS	LOCATION CAD
CALENDAR AND CLOCK (C&C)		
DTO,1,2,4,7	104A4	130?,117C0
DUO,1,2,4,7	104D4	130?,117C0
HTO,1,2,4,7	109D4	130?,117C0
HUO,1,2,4,7	109H4	130?,117C0
MTO,1,2,4,7	113F4	130?,117C0
MUO,1,2,4,7	113G6	130?,117C0

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
AO,1,2,4,7	98B9	
AG	29G/B5	153D1
AIOD	125B4	
BO,1,2,4,7	99C6	
BG	29G/B5	153D1
CO,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	
CTI	102F4	
CT2,4	102E4	
CT7	102F4	
CTG	29G/B5	153D1

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
CU0,1,2	112G9	
CU4,7	113A1	
CUG	29G/B5	153D1
D0,1,2,4	103G1	
D7	10384	
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	10489	
FG	29G/B5	153D1
FGO-3	10584-D4	
FN	108C9	
FNA	108C9	
FNB	108E9	
FNG	29G/B6	153D5
FTO-3	106F1	
FTG	29G/B6	153D5
FU0,1,2,4,7	10689	
FUG	29G/B6	153D5
G0,1,2,4,7	107G4	
G(A-H)	29G/B5	153D1
G(J-L)	29G/B5	153D1
GM	29G/B5	
H0,1,2,4	107G9	
H7	10881	
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	11089	
LT	120E6	
LT1	127G4	
LT2	98E1	
LT3	107C4	
MT	108F9	
MTO	118C6	
MT1	11806	
MTG	29G/B6	153D5
MTK	128F6	

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
MU0	118E6	
MU1	118F6	
MU2	11866	
MU4	118H6	
MU7	11889	
NOB	114H6	
NR00	117G4	
NR01	11786	
NRG	29G/B6	153D5
OBG	29G/B6	153D5
OBS	115F1	
OC	118D4	
ODD	128G6	
OEG	29G/B6	153D5
OFF0-3	126D6	
OFF4	126G6	
OFF5	126C9	
OFF6-9	126F9	
OFFG	29G/B6	153D5
OFT0-2	12781	
OFTG	29G/B6	153D5
PPSP	123F4	
RCD0	128D9	
RCD1	117F4	
RCG	29G/B6	153D5
RK3	10826	
SLU	117D9	
SMPA	125E6	
SNG	107C6	
SOG	108F6	
SPT0	107D6	
SPT1	128F1	
SPTG	29G/B6	153D5
SPU0	11686	
SPU1	121D1	
SPU2	101B4	
SPU4	101C4	
SPU7	9866	
SPUG	29G/B6	153D5
T0-4	122D1	
T5-9	122B4	
TBK	108F4	
TBL	11309	
TBY	130E6	
TF0-2	124E1	
TF4,7	124F1	
TFT0-2	106G9	
TFTG	29G/B6	153D5

DESIG	LOCATION FS	LOCATION CAD
CALL DATA TRANSMITTER APPLICATION (CDTA)		
TFU0,1,2,4	129E4	
TFU7	129F4	
TFUG	29G/B6	153D5
TG	29G/B6	153D5
TH0,1	114C4	
TH2	114E4	
TH3,4	114G4	
TH5-9	114B6	
THG	29G/B6	153D5
TK	121E9	
TM2	120C9	
TMG	29G/B6	153D5
TNT0,1,2,4,7	10884	
TNTG	29G/B6	153D5
TNU0,1,2,4,7	12806	
TNUG	29G/B6	153D5
TRL	133C6	
U0-4	12801	
U5-9	128F1	
UG	29G/B6	153D5
VG0,1	12981	
VG2	12901	
VG4,7	129F1	
VG10	12984	
VGG	29G/B6	153D5
X11	13086	

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CALL WAITING LINK (CWL)

DESIG	LOCATION FS	LOCATION CAD
CRS	102D6	30B/A3
HMS	109B1	30B/A3
SXT	121G9	30B/A3
XHM	131E6	30B/A3
XS	133H4	30B/A3

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
ITR	98B1	86C5
2L	117G4	86B1
2TR	98B4	86C5
4DG	98H4	86B2
4L	117B6	86B0
7DG	108F4	86B2
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	86G0
CI1	130E9	86C5
CI1T	101D1	86C5
CI2	13384	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	13284	86A5
CKG	13284	86C5
CP1	102G4	86B2
CP7	102G7	86B2
D0,1,2,4	103H1	86C7
D7	103C4	86C7
D'0,1,2,4,7	103C4	86G2

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
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	132B4	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
LOO	121C4	86B2
LOI	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
NNK	108C9	86B2
NOB	114G6	86C5
OA0,1,2,4,7	107B6	86B2
OAR0	103B9	86B2
OAR1	103D9	86B2
OAR2	103D9	86B2

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
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
OINO,1,2,4,7	102B6	86B0
OIT0,1	127D1	86B0
OIT2	127E1	86B0
OP1	131G1	86C5
ORC0	114E9	86B2
ORC1	114F6	86B2
ORC2	108D1	36B2
P	13309	86G2
P1	13266	86G2
P2L	108F9	86B2
P4L	128E6	86B2
P5	13089	86C5
P5L	12866	86B2
PA	116E4	86G2
PRL	117F4	86B0
PRLK	108E9	86B2
PRLT	117D1	86B2
PT	13189	86G2
PTI	13481	86G2
RB	13466	86C5
RCCK	11F5	86G0
RCI	21A1	86G0
RD	13289	86G2
RDL	117E9	86G2
REO	121B6	86B2
REI	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
RLI	103D1	86B2
RLA	118F4	86C5
RNG-2	118C9	86F5
RN4,7	11809	86F5
RNA	21A2	86B0
ROP	128F9	86B0
ROPT	119G1	86B2
RST0-9	101C9	86A5
SC	120G4	86C5
SKO	11981	86B2
SKI	115G4	86B2

CAMA TRANSVERTER (CTV)

DESIG	LOCATION FS	LOCATION CAD
T4L	108F6	86B2
T5L	108E6	86B2
TAR0	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
TIA0-3		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	11869	86C5
XICK	119E9	86G7
XIN1	104C4	86B2
XIN2	105C1	86B2
XIN3	105D1	86B2
XP	103C6	86C5
XRA	111E6	86B2
XRB	103D6	86C5
XRD	121F1	
XRL	107C9	86C5
XS	118C4	86B2
XT	133G6	86G2
XTKK	11589	86C5
XU	103G6	86C5

CAMA TRANSVERTER CONNECTOR (CTVC)

DESIG	LOCATION FS	LOCATION CAD
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)

DESIG	LOCATION FS	LOCATION CAD
ONN	118F4	4H5
1SE	118G4	4H5
1TB	118G4	4H5
2DT	98E1	4E0
2L	98G1	4G7
2LI	98G1	4G7
2LN	98H1	4A6
2MB	118A6	4H5
2P	123B6	4B0
2S%	118A6	4H5
2TR	98D4	
2W	98E4	57C0,112B2
2WD	98F4	57C0,112B2
2WDI	98F4	57C0,112B2
3FB	11886	4H5
3NA	11886	4H5
4DG	98F4	4H5
4NE	118C6	4H5
4TT	118C6	4H5
4W	9886	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
:I	98D6	4C2
A	98F6	4C0
A0,1,2,4,7	9889	4E0
A'0	98D9	4C0
A'1	98F9	4C0
A'2	9981	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

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
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
AVK1	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	9989	4G5,57C0
BT	9989	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	57C0,112B2
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	10184	4A7
CKO	10184	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	10284	4C5

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
CON	102E4	4G5
CP0	102D4	4H5
CP1	102F4	4H5
CP2,4	102D4	4H5
CP7	102F4	4H5
CR	102G4	4C2
CR0,1,2,4,7	102A6	4E0
CRR0,1,2	102B6	4H5
CRU0,1,2,4	10206	
CRU7	102E6	
CS0-29	102F6	4G5
CSG1	102G6	4G7
CSG2	102H6	4G7
CSW	102A9	4C5,G5
CT0-2	10289	4B0
CTA0-2	10209	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
DCT1	103A6	4B0
DCT2,3	103D6	4B0
DIS	103F6	4A7
DIS1	103F6	4G5
DL1	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	10481	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	57C0,11282
EV	SEE RPL CKT	57C0,11282
EXB		4G5
EXG		4G5
EXT	104G6	4D7

COMBINED OR COMPLETING MARKER (CM)

DESIG	LOCATION FS	LOCATION CAD
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	12589	4H5
FAK	105C1	4D0
FBK	105D1	4D0
FC	105E1	4A6
FCG	105E1	4B0
FCK	105G1	4G5
FGO	105A4	4D0
FG1	105C4	4D0
FG2	105D4	4C5
FK	105E4	4A6
FLG	11701	4G5
FM	105G4	4B0
FML	105H4	4B0
FNA	105A6	4B0,G5
FNB	10586	4B0,G5
FS0,1,2	10589	4D0
FS3,4	10509	4D0
FS5-7	105E9	4D0
FS8,9	105F9	4D0
FS10-19	106A1	4D0
FS20,21	10681	4C5
FS22-29	10601	4C5
FT0-3	106E1	4D0
FT'0	10644	4B0
FT'1	106C4	4B0
FT'2	106E4	4B0
FT'3	106F4	4B0

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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	125B9	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	11084	4B0
JG0	110C4	4B0
JG1	110D4	4B0
JG2	110E4	4B0
JG3	110F4	4B0
JG4	110F4	4B0
JSQ0	110H4	4G7
JSQ1-5	11046	4G7
JXP1	101A1	4B0
JXPA	11086	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	11006	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	4B0
LFK1	111D9	112C4
LHM	111F9	4G7
LHMT	111G9	4G7
LI	112A1	4G5
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LK1	112D1	4G5
LK2	112E1	4A7
LK3	112F1	4D7
LL0	124F4	4B0
LL1	12486	4B0
LL2	124D6	4B0
LL4	124E6	4B0
LL7	124F6	4B0
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LRS	112G4	112C4
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LT2	112A6	4A2
LT3	112C6	
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LTR	112D6	4B0
LVM	112F6	4G7
LXPA	112D6	4B0
LXP1	112A9	4B0
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M4	100D4	57C0,112B2
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M'2	100F4	112B2
M'4	100F4	112B2
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MAN	123G4	4B0
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MT3K	113A6	4G7
MT4K	11386	4G5
MT5	11386	4G7
MT7	113C6	4G7
MT7K	11364	4B0
MT8K	113D6	4G7
MT9K	113D6	4G7
MTIOK	113E6	4D7
MT12	113E6	4A7
MT38K	113F6	4C5
MT57	113F6	4A6
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NDI	114C1	4B0
NDK	114C1	4E0
NDT	114D1	4G5
NE	114D1	4C0
NGK	114C6	4E0
NGK1	10706	4C0
NH	11406	4G5
NMR	114E6	
NN	114F6	4G5
NOB	11466	4H5
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NOC	11489	4B0
NR	114C9	4C0
NSI	114C9	4B0
NSO	11409	4B0
NSP	11409	4B0
NT	11409	4G5
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NTH	114E9	4A7
NTT	114F9	4G5
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OBS1	125C9	4G5
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OS0	11586	4E0
OS1	115C6	4E0
OS2	115D6	4E0
OS3	115F6	4E0
OS4	115G6	4E0
OSC	115H6	4D7
OSE	115A9	4H5
OSG0	115B9	4E0
OSG1	11509	4E0
OSG2	11509	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
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OVF1	SEE RPL CKT	57C0,112B2
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P5-9	116C4	4B0
PA	116D4	4B0
PAN	116F4	112C4
PB	116F4	4B0
PBN	116G4	4C0
PBX	116H4	4G7
PBX1	116A6	4H5
PC	11686	4B0
PCD	116D6	4E0
PCD1	116E6	4E0
PCR	116G6	4E0
PD	116H6	4E0
PDK	116H6	4G7
PE	116A9	4C5
PHC	116C9	4E0
PK	11609	4E0
PLL	116E9	4E0
PN	116F9	4C0
PNR	116F9	4B0
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PR	117B1	4B0
PRCY	119C6	4H5
PRI	117C1	57C0,112B2
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PSI	117F1	4C5
PSR	117F1	4C0
PTK	117G1	4B0,G5
PTN	117G1	4C0
PUL	117H1	4C0
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RBT	117C4	4A7
RBT1	117C4	4G5
RC	117D4	4A7
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RCK3	117D4	4B0
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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
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RK2	11844	4B0
RK3	11884	4B0
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RN1	11889	4H5
RN2	11889	4H5
RN4	118C9	4H5
RN7	118C9	4H5
RNG	118E9	4C0
RNK	118E9	4C2
RNT2	118F9	4B0
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RO'	119D1	4B0
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ROT	119G1	4A2
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RS1	119E6	4G5
RS2	11966	4G5
RS3	11989	4G5
RS4	119C9	4G5
RS5	119C9	4G5
RS6	119C9	4G5
RS7	119C9	4G5
RS8	119C9	4G5
RS9	119D9	4G5
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RSK	120B1	4G5
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SB	120E4	4A7
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SF	120E9	4B0
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SIB	12181	4D7
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SLK2	121F1	4B0
SMP	121E4	4B0
SNG	107C6	4C0
SNK	12184	4B0
SOG	121C4	4C0
SON	121D4	4H5
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SPL	121F4	4D0
SQA	121C6	4B0
SR1	121D6	57C0
SR2	124C9	57C0
SR3	124D9	57C0
SRK	121D6	4G5
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SSA	121E6	4H5
SSB	121F6	4H5
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TAN1	12206	4E0
TAN2	122F6	4E0
TAN3	122G6	4E0
TAN4	12289	4E0
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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
TBS0	12384	112C4
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TBS2	12384	112C4
TBS3	12384	112C4
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TCC	12306	4A2
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TF4	124E1	4D0
TF7	124E1	4D0
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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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DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
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TH'2	124C9	4G5
TH'3	124D9	4G5
THC	124D9	4E0
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THGT5-9	125B1	4G7
THTO	124G4	4C5
THT1	124C6	4C5
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TIN	125G1	4B0
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TK	125B4	4B0
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TLH	125E4	4G5
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TMK	125B6	4G5
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TN	125C6	4C0
TNK	125D6	4C0
TOB	125F6	4G5
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TRR	126E4	4A7
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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

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
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TTC	127D6	4A7
TTF	127D6	4C5
TTG	10C0	3C3,111G0
TTK	127E6	4B0
TTT	127G6	4A7
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TVGT13	127F9	4G7
TVT	128B1	4H5
TWT	103D1	4C0
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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
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VG'2	129D4	4B0
VG'4	129D4	4B0
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VG'10	129E4	4B0
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VGT3	129F6	4G5
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VGT5	129C9	4G5
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VGT8	130B1	4G5
VGT9	130C1	4G5
VGT10	130E1	4G5
VGT11	130G1	4G5

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
VTC	13084	4A6
VTK1	13084	4B0
WKC	130E4	4A6
WT	130E4	4G5
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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	13104	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
XO8	133D1	4B0
XPG	133E1	4B0
XPT	133G1	4B0
XPTN	133C4	4B0
XRL	133D4	4B0
XRS	133E4	4B0
XRS1	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
XTC1	134G1	4B0
XTG	134B4	4B0
XTG1	134D4	4B0
XTRK	134F4	4B0

DESIG	LOCATION FS	LOCATION CAD
COMBINED OR COMPLETING MARKER (CM)		
XTRL	134G4	4B0
XTS	134B6	4B0
XTSI	134E6	4B0
XTV	131F6	4B0
XVGA	134F6	4B0
XVGB	131E1	4B0
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
1TR	98C0	SEE MTC CKT
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	
FNB	105B5	
FTO-3	106F0	
FTTO-3	106D5	
FUO,1,2,4,7	106B7	
FUTO-3	107D0	
FUT4-7	107E0	
FUT8	107F6	
HG	12980	
HI	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

DESIG	LOCATION FS	LOCATION CAD
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
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	SEE MTC CKT
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	
SON	121E2	130C0
SPL	121G2	SEE MTC CKT
STR	368	
TO-4	122E0	
T5-9	122C2	SEE MTC CKT
TBI	123F0	

DESIG	LOCATION FS	LOCATION CAD
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
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
TH0	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	600	
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	
UO-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	12980	
VG1	12980	SEE MTC CKT
VG2	129E0	
VG4	129G0	
VG7	129G0	
VG10	129B2	
VGTO	129B5	
VGT1	129D5	
VGT2	129E5	
VGT3	129G5	
VGT4	129C7	
VGT5	129D7	

DESIG	LOCATION FS	LOCATION CAD
COMPUTER LINE VERIFICATION ACCESS (CLVA)		
VGT6	129E7	SEE MTC CKT
VGT7	129G7	
VGT8	130C0	
VGT9	130D0	
VGT10	130F0	
VGT11	130H0	
DIAL TONE MARKER (DTM)		
2P	12386	27G0
2TR	98C4	
4DG	98G4	
5DG	98D6	27C0
AC8	99D1	27G0
BRT	99B9	27C0
BT	99C9	27C0
BTT	99D9	27C0
CGA	100C6	27C0
CGB	100C6	27C0
CH0-4	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
CRU0	102D6	27G0
CRU1	102D6	27G0
CRU2	102D6	27G0
CRU4	102D6	27G0
CRU7	102E6	27G0
CSO-29	102F6	27C0
CSG1	102G6	27C0
CSG2	102H6	27C0
CT0	102C9	27G0
CT1	102C9	27G0
CT2	102C9	27G0
CU0	102F9	27C0
CU1	102F9	27C0
CU2	102F9	27C0
CU4	103B1	27C0
CU7	103B1	27C0

DESIG	LOCATION FS	LOCATION CAD
DIAL TONE MARKER (DTM)		
CWF	103C1	27G0
CWK	103E1	27G0
D	103F1	27C0
DCT	103F4	27C0
DCT1	10386	27G0
DIS	103F6	27C0
DIS1	103F6	27C0
DTK	10484	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
FSU-2	10589	27G0
FS3,4	10509	27G0
FS5-7	105E9	27G0
FS8,9	105F9	27G0
FS10-19	10681	27G0
FS20,21	106C1	27E0
FS22-29	106D1	27E0
FTO-3	106E1	27G0
FT'0	10684	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	10629	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	
HG0,1,2,4,7	108F1	27G0
HG'0,1,2,4,7	10884	27G0
HGK	108D4	27C0
HGT0	108E4	27C0
HGT1	108G4	27C0
HGT2	10886	27C0
HGT3	10806	27C0
HGT4	108E6	27C0
HGT5	10866	27C0
HGT6	10889	27C0
HGT7	10809	27C0
HGT8	108E9	27C0
HGT9	10869	27C0
HMS1	109C1	27G0
HTK1	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	101B1	27G0
JXPA	11086	27G0
KJSQ	110F6	27C0
LCK	110E6	27C0
LDT	111G6	27C0
LFK	111B9	27G0
LHM	111F9	27C0
LHMT	111G9	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
M	11209	27C0
MAK1	112E9	27C0
MAN	123G4	27G0
MB	11G2	28B3,111G5
MF	113D1	27C0
MG	SEE LLMC CKT	28E3,111G5
MIT	6C5	28E3,111G5
MK8	1D/B0,B2	28E3,111G5
MK8	1D/B1,B2	28E3,111G5
MLF	113F1	27C0
MLFA	113G1	27C0,104C4
MO1	113H1	27C0
MRL	113D4	27C0
MT	11182	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	117C1	27G0
RA	117B4	27C0
RC	117D4	27C0
RCCK	1105	2883,111G5
RCY	117E9	4A0,27C0,G0
RF	117G9	27G0
RK	118F1	27G0
RK1	118G1	27G0
RK2	11884	27G0
RK3	118C4	27G0
ROA	119E1	27G0
RON	12F8	28E3,111G5
RTO	120D1	27C0,104C4
RT1	120D1,E1	27C0,104C4
RT2	120E1	27C0,104C4
RT3	120F1	27C0,104C4
SDT	120B9	27C0
SEF	120E9	27E0,G0
SF	120F9	27G0
SL	12101	27C0
SNK	12184	27G0
SQA	121C6	27G0
STP1	121C9	27C0
STP2	121D9	27C0
TB	122E9	27C0
TB0	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
TG0,1	124G1	27G0
TG2-4	12484	27G0
TG5	124C4	27G0
THGT0-4	125B1	27C0
THGT5-9	125C1	27C0
TK	125B4	27G0
TLH	125E4	27C0
TM	125F4	27C0
TR1	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	126B6	27C0
TS0	126D6	27G0
TS1	126D6	27G0
TS2	126D6	27G0
TS3	126D6	27G0
TS4	126F6	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
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	139B1	27C0
VGT9	13001	27C0
VGT10	13CE1	27C0
VGT11	13CG1	27C0
VTK1	13DC4	27G0
WT	13GE4	27C0
XBT	130F6	27G0
XCH	130H6	27G0
XCL	13009	27G0
XCS	13101	27G0
XCW	131F1	27G0
XF	13104	27G0
XFG	131F4	27G0
XFT	13104	27C0
XHG	131C6	27G0
XJC	13109	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	13401	27G0
XTCI	134G1	27G0
XTGI	13404	27G0
XTRK	134F4	27G0
XTRL	13464	27G0
XTS	13486	27G0
XTSI	134E6	27G0
XVGA	134F6	27G0
XVGB	131F1	27G0

DIRECT ACCESS PRETRANSLATOR CONNECTOR (DAPC)

DESIG	LOCATION FS	LOCATION CAD
DAC0	11481	9G3,104E4
DAC1	114B1	9G3,104E4
DAC2	11484	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
40G	98H4	
A0,1,2,4,7	98A9	
ACO	99E1	
AD	99F1	
BC,1,2,4,7	99C6	
CO,1,2,4,7	10081	
CP1,7	102G4	
DO,1,2,4	103H1	
D7	103C4	
DNC	103G9	
E0,1,2,4,7	104E4	
F0,1,2,4,7	10489	
FC	105E1	
G0,1,2,4,7	107G4	
H0,1,2,4	107F9	
H7	10881	
HT0,1,2,4,7	109C4	
J0,1,2,4,7	109C9	
K0,1,2,4,7	11006	
LCD0-2	111C6	
LST	111F9	
N0B	11466	

DISTRIBUTOR AND SCANNER APPLICATION FOR ETS CAMA FEATURE (DASC)

DESIG	LOCATION FS	LOCATION CAD
OA0,1,2,4,7	10786	
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	11009	
OF0	113F9	
OF1	11209	
OF2	101C6	
OF4	101C6	
OF7	102E6	
OG0,1,2,4	107H6	
ORC0	114E9	
ORC1	114F6	
ORC2	108D1	
PRLK	108E9	
PRLT	117D1	
ROPT	119G1	
SK0	11981	
SK1	115G4	
TH T0	124G4	
TH T1	124C6	
TH T2	125C1	
TH T3	125C1	
TI0-3	125E1	
TRS	126F4	
TT0,1,2,4,7	127C6	
UT0,1,2,4,7	128E4	
VTC	13084	
WKC	130D4	

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

DESIG	LOCATION FS	LOCATION CAD
1TR	9881	22H4,30D/E7, 55A7,86C5, 121A/AQ,124D7
2TR	98B4	22H4,30D/E7, 55A7,86C5, 121A/AQ,124D7
A0,1,2,4,7	98A9,89	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	103B4,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	10489	22E4,H4, 30D/E7,G7, 55A1,86G5, 121A/D3,124E4
FG0	105B2	13180
FG1	105C2	13180
FG2	105D2	13180
FT0-3	106F1	22H7,30D/87, 55H3,86D2, 121A/F3,124D7
FU0,1,2,4,7	10689,C9	22H4,30D/87, 55A7,86D2, 121A/F3,124D7
G0,1,2,4,7	107G4	22E4,H4, 30D/E7,G7, 121A/A0,F0, 124E4
H7	10881	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		13180
SW0,1,2,4,7	108F1	22A4,30D/87, 55A7,121A/F3, 124D7
TF0-2	124E0	13180
TF4,7	124F0	13180
TP	107F1	22H4,30D/E7, 55A7,121A/F3, 124D7

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

DESIG	LOCATION FS	LOCATION CAD
TPT		22H4,30D/E7 55A7,121A/F3, 124D7
TRIT		55A7
TRP		13180
TRS	126F4,G4	22C3,30D/D5, 55A7,86A5, 121A/A0,124D7
VF0	128F4,G4	22B4,30D/87, 55A7,121A/F3, 124D7
VF1-4	128C6	22B4,30D/87, 55A7,121A/F3, 124D7
VG0,1	129C1	22B4,30D/87, 55H3,86D2, 121A/F3,124D7
VG2	129E1	22B4,30D/87, 55H3,86D2, 121A/F3,124D7
VG4,7	129G1	22B4,30D/87, 55H3,86D2, 121A/F3,124D7
VG10	129C4	22B4,30D/87, 55H3,86D2, 121A/F3,124D7

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
ITR	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	
CKGI	101H0	
CKO	101B2	
CSO-29	102F5	
CSGI	102G5	
CU'4,7	11380	
DCK	103D0	130D0
EN	104D5	130G0
FLG	117D0	130D0
FNA	105B5	
FNB	105B5	
FTO-3	106F0	
FTT0-3	106D5	
FTT4	106E5	
FTT5	106F5	
FU0,1,2,4,7	10687	
FUT0-3	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	108G7	
HN0-4	109D0	
HN5-9	109G0	
HTUK	109G2	130D0
KM	110G5	130G0

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
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	11780	
NGK	114D5	
NN	114E5,F5	
NOB	114G5	
NSP	125C7	
OD	115C2	
OF	132E7	
OFF0-3	126D5	
OFF4	126G5	
OFF5	126C7	
OFF6-9	126F7	
OFT0	90C7	
OFT1	90C7	
OFT2	90C7	
OSG0	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	11780	130D0
PTK	117G0	130G0
PTN	117G0	130G0

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
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	120C2	
SA	116F2	
SB	118E0	
SON	121E2	130D0
SPL	121G2	
TO-4	122E0	
T5-9	122C2	
TBI	123F0	
TBSO-3	12382,C2	130D0
TBTO-4	109E0	130D0
TBT5-9	10982	130D0
TBUO-4	122F0	130D0
TBU5-9	12202	130D0
THO	11482	
TH1	11482	
TH2	114E2	
TH3	114F2	
TH4	114F2	
TH5	11485	
TH6	11485	
TH7	11485	
TH8	11485	
TH9	11405	
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'O	128F2	
U'1,2,4,7	12885	
UNO-4	12882	130D0
UN5-9	128C2	130D0

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD
VFO	128F2	
VF1-4	12885	
VFTO	128F5	
VFT1	128H5	
VFT2	128C7	
VFT3	128D7	
VFT4	128F7	
VGO,1	129B0	
VG2	129E0	
VG4,7	129G0	
VGIO	12982	
VGTO	12985	
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)

DESIG	LOCATION FS	LOCATION CAD
FAA	104E9	SEE CM CKT
FAB	104F9	
TFA	124F1	

INCOMING REGISTER (IR)

DESIG	LOCATION FS	LOCATION CAD
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)

DESIG	LOCATION FS	LOCATION CAD
CNO	102E1	13B0
CN1	102E1	13B0
CN2	102E1	13B0
CN3	102G1	13B0
CN4-9	101C9	
CNG	2783	3E3,F3, 11DD0
FRO	105D6	13B0
FR1	105E6	13B0
FR2		13B0
FRG	2788	3E3,F3, 11100
RGO-9	101C9	101D4
RG10-15	101G9	10186
RG16-19	10201	10189
RGG	28C3	3F3,11100
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)

DESIG	LOCATION FS	LOCATION CAD
RGG	28C3	3F3,11100

INCOMING REGISTER MARKER CONNECTOR REGISTER PART (IRMC-RP)

DESIG	LOCATION FS	LOCATION CAD
CN4-9	101C9	
RGO-9	101C9	
RG10-15	101G9	
RG16-19	102D1	

INCOMING REGISTER TEST (IRT)

DESIG	LOCATION FS	LOCATION CAD
M	112D7	SEE MTC CKT
SRT	104H0	SEE MTC CKT

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

DESIG	LOCATION FS	LOCATION CAD
AL	99C2	30H/D0
BT	99C7	30H/D0
BY	99G7	30H/D0
CO	17F0	30H/D3
CI	17F0	30H/D3
CKG	101G0	30H/D0

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)

DESIG	LOCATION FS	LOCATION CAD
EF	25F8,104C5	30H/D0
GPA	99H2	30H/D0
GPB	107G5	30H/D0
HF1	108E0	30H/D0
HF2	108E0	30H/D0
JCG	25G5	30H/D3
MKA(-)	1D/A6	30H/D3
MKA2(-)	1D/B0-B2	30H/D3
MKB(-)	1D/B6	30H/D3
MK32(-)	1D/A0-A2	30H/D3
MTR1	2D9	30H/D3
MTR2	2D9	30H/D3
ONI	2A3	30H/D3
ON2	2A3	30H/D3
OP	1A/G0	30H/D0
OV	116G0	30H/D0
PRA-	1C/C1-C7	30H/D3
PRB-	1C/C1-C7	30H/D3
PRCY	119D5	30H/D0
RA	117B2	30H/D0
RCG	2180	30H/D3
RCY	117D7	30H/D0
RF	25G8,117G7	30H/D0
RLK	122G5	30H/D3
RR	119D5	
SEF	25C2,12097	
STP1	121C7	30H/D0
STP2	121E7	30H/D0
TRL	126C2	30H/D0
TVA0	1A/A1,A3	30H/D3
TVA1	1A/B1,A3	30H/D3
TVA2-9	1A/A3	30H/D3
TVB0	1A/A1,A3	30H/D3
TVB1	1A/B1,A3	30H/D3
TVB2-9	1A/A3	30H/D3

JACK, LAMP AND KEY (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	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/C4,53B6, 67G3,G8, 68G0,107A5, 11180,E5, 123E2,154E2

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	9880	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	11380	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)

DESIG	LOCATION FS	LOCATION CAD
FSO	105C7	SEE MTC CKT
FS1	105C7	
FS2	105C7	
FTO-3	106E0	130D2
FTTO	10605	SEE MTC CKT
FTT1	10605	
FTT2	10605	
FTT3	10605	
FTT4	106E5	
FTT5	106F5	
FU0,1,2,4,7	106C7	130D2
FUTO-3	107D0	SEE MTC CKT
FUT4-7	107E0	
FUT8	107G0	
FUT9	10782	
G	15E3	
GO,1,2,4,7	107G2	
GI	1503	SEE MTC CKT
HO,1	12980	
H2	129E0	
H4	129G0	
H7	10880,129G0	130D2
HGO,1,2,4,7	10860	130D5
HGTO	108F2	SEE MTC CKT
HGT1	108G2	
HGT2	108C5	
HGT3	108D5	
HGT4	108F5	
HGT5	108G5	
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	11380	130D5
MB7	11380	130D5
MC	113C0	130D5
MKT(-)	7E1	3C3,28D3

MASTER TEST FRAME CONNECTOR CKT

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DESIG	LOCATION FS	LOCATION CAD
LINE INSULATION TEST (LIT)		
NOB	114H5	130D5
NSP	125D7	130D5
OD	115C2	130D5
OF	132E7	130D5
OFF0-3	126D5	130D5
OFF4	126F5	130D5
OFF5	126C7	130D5
OFF6-9	126E7	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
S0-9	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
TVT0,1	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

DESIG	LOCATION FS	LOCATION CAD
LINE INSULATION TEST (LIT)		
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	
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	10B8	3B3,111C0
LTM	10B8	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

DESIG	LOCATION FS	LOCATION CAD
LINE LINK MARKER CONNECTOR (LLMC)		
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)		
ITR	98C0	
2DT	98F0	
2L	98G0	
2LI	98G0	
2LN	98H0	
2W	98E2	
2WT	119H2	
4DG	98G2	
4NE	118D5	
4TT	118D5	
4W	98B5	
4WT	119F2	
6FT	118F5	
6NT	118F5	
9FP	11887	
9HP	11887	SEE MTC CKT
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	
CKGI	101H0	
CKO	101C2	
CKR	101D2	
CKRI	101E2	
CSO-29	102F5	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
CSGI	102G5	
CSW	102B7	
CU4	11380	
CU7	11380	
DO,1,2,4	103H0	
D7	103B2	
DIS	103F5	
DNGA	104A0	
DNGB	104B0	
DNGC	104B0	
EO,1,2,4,7	104F2	
EXT	104F5	
F	104G5	
FO,1,2,4,7	10487	
FBX	10500	
FGO	10582	
FNA	10585	
FNB	10585	
FTO-3	106F0	
FTTO-3	10605	
FU0,1,2,4,7	10687	
FUTO-3	10700	
FUT4	107E0	
FUT5-7	107E0	
FUT8	107F0	
FUT9	107C2	SEE MTC CKT
FV0	107E2	
GO,1,2,4,7	107G2	
HO	12980	
H1	12980	
H2	129E0	
H4	129G0	
H7	129G0	
HGO,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	
HNO-4	109D0	
HN5-9	109G0	
HTR	109G0	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
INC	109D5	
IRS	109F5	
LAN	110D7	
LCK	111E5	
LDN	111F5	
LHM	111F7	
LHMT	11167	
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	11380	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	11580	
OB	11500	
ODT	115C2	
OF	132E7	
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	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
PAN	116F2	
PCD	116D5	
PCDI	116F5	
PCR	116G5	
POTS	11780	
PTK	117G0	
RC	117D2	
RCT	117E2	
RCT1	117F2	
RCT2	117G2	
RCT3	11785	
RCT4	117C5	
RCT5	117D5	
RCT6	117D5	
RCT7	117E5	
RCT8	117F5	
RCT9	117F5	
RCT10	117G5	
RCT11	117H5	
RCT12	117B7	
RCT13	11787	
RCT14	117C7	
RCT15	117D7	
RI	118D0	
RIP	118E0	
RN4,7	118D7	
RNT0	115C2	
RPT	107C2	
RS0	119E5	
RS1	119F5	
RS9	119E7	
RSK	12080	
S0-9	120C0	
SA	116F2	
SB	118E0	
SCK	120C5	
SPL	121G2	
STR	3G8	1B/F7
T0-4	122E0	
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	

DESIG	LOCATION FS	LOCATION CAD
LINE VERIFICATION (LV)		
THO,1	114B2	
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	12885	
VF0	128F2	SEE MTC CKT
VF1-4	12885	
VFT0	128F5	
VFT1	128H5	
VFT2	128C7	
VFT3	129D7	
VFT4	128F7	
VG0,1	129B0	
VG2	129E0	
VG4,7	129G0	
VG10	129B2	

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

MASTER TEST FRAME CONNECTOR CKT

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DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
ONN	118G2	6D/D3
1SE	118G2	6D/E0
1TB	118G2	6D/E0
1TR	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	98B5	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	11887	6D/E0
9NP	11887	6D/E0
11	98E5	5H/A3
A0,1,2,4,7	9887	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	9985	5G/A0
BLC	99F5	6E/C0
BN	99G5	5F/H0
BRO,1		5H/H6
BR2,4,7		6A/B0
BRL	99H5	57C3
BRT	99A7	57E6
BST	9987	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	5786
CDA7	100E2	5786
CDA'0,1,2,4,7		5786
CDN	100H2	6D/D3
CDNK	100A5	6E/C5
CDT0	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		68/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		5H/A3
CL7		5H/H6
CLS		
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	68/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
CRRO-2		6D/D3
CRU0,1,2,4	102D5	5F/H3
CRU7	102E5	5F/H3
CSO-29	102F5	68/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	56A3,123D7
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
D0	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	68/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	10485	6D/E0
ELL		57C3
EN1	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	10487	5G/A3
FAA		6C/D3
FAB		6C/D3
FAC	10580	5F/G7
FAD	12587	6D/E0
FAK		5E/E4
FBK	105D0	5E/E4
FC	105E0	9506
FCK	105H0	6B/D3
FGO	10582	5E/E4
FGI	105C2	5E/E4
FG2	105D2	6A/H3
FGA		5786
FLCK		6D/E0
FLG		6B/D3
FNA	10585	6C/D0
FNB	10585	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
FUT'	107E0	6B/D3
FUT5-7	107E0	6B/D3
FUT8	107F0	6B/D3
FUT9	10782	6B/D3
FVD	107D2	5H/H6
G	107E7	6E/C0
GO,1,2,4,7	107G2	5G/A3
GC	13282	56A7,88C5,123B2
GIT	10785	26A/A0,26B/B3
GPA	99H2	6D/E0
GPB	107G5	6D/E0
GR	107G5	26A/A0,26B/B3
GS1-5		6D/D3
H0	107G7,129B0	5G/A3
H1	107G7,129B0	5G/A6
H2	107G7,129E0	5G/A6
H4	107G7,129G0	5G/A6
H7	10880,129G0	5G/A6
HD	108D0	26A/A0,26B/B3
HF	108E0	6C/D3
HFA	12587	6D/E0
HGO,1,2,4,7	108F0	5E/D0
HGK	108D2	68/D3
HGT0	108F2	68/D0
HGT1	108G2	68/D0
HGT2	108C5	68/D0
HGT3	108D5	68/D0
HGT4	108F5	68/D0
HGT5	108G5	68/D0
HGT6	108C7	68/D0
HGT7	108D7	68/D0
HGT8	108F7	68/D0
HGT9	108G7	68/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	9504
IR	109E5	23C6
IRL	109E5	26B/B3
IRS	109F5	6E/D3
IRY		30E/E3
IT	109G5	57E6
J0,1,2,4,7	109C7	5G/A6
JSQ0	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	
L0	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	9506
LCK	111E5	68/D3
LCP		30E/E3
LDN	111F5	
LDT		6C/D3
LES1	111H5	57C3
LESK	111H5	57C3
LHM	111F7	6E/C7
LHMT	111G7	6E/C7
LI		6C/D0
LKI	112E0	6C/D3
LK2	112E0	6E/C0
LK3	112F0	6E/C0
LLO	124F2	5B/H2
LL1	124B5	5B/H2
LL2	124D5	5B/H2
LL4	124F5	5B/H2
LL7	124G5	5B/H2
LLE1	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
LT1	112G2	5H/A3
LT2	112B5	5H/A3
LT3	112C5	5F/H3
LVF	112F6	7D3
LVM	112G6	6E/C5,7E3
M	112D7	6C/D6
M0,1,2,4	100D2	57C3
M7	100E2,113E7	5H/A0
M11		7D3
M'0,1,2,4		57C3
MAK1	112E7	6C/D0
MBO	112G7	6D/E0
MB1	112G7	6D/E0
MB2	112G7	6D/F0
MB4	11380	6D/E0
MB7	11380	6D/E0
MC	113C0	22H6,30E/E3,56A3,88C5,123B2
MCS		6C/D6
MDA		123B2
MF	113E0	6C/D0
MKS	7F0	2A/F0
MKT0	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	27H7,10484
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	11984	7D3
MTRA	11780	
MTRB	113D2	
N7	113F7	57C3
N'7		57E6
NAC		30E/E3
NAMA	11480	6D/E0
NDK		5F/H0
NDT	11400	6B/D3
NGK	114C5	5H/A0
NH	114D5	6C/D3
NID	10682	9504
NMR		6C/D3
NN	114F5	6C/D3
NOB	114G5	6D/D3
NOB'		6D/D3
NOBT	11487	6E/D3
NSP	125C7	23C3,95D4,123B7,124C0
NT	114E7	6C/D3
NTCW	114E7	117D4
NTH	114E7	6E/C0
NTT	114F7	6C/D6
NTVB	114G7	117D4
OA	115B0	5H/A3
OA0,1,2,4,7	10785	9504
OB	115D0	5H/A3
OB0,1,2,4,7	10800	9504
OBS	115G0	6D/D3
OBS'		6D/D3
OBS1	125C7	6C/D3
OBS2		6C/D3
OBST	115H0	6E/D3
OC1	115H0	6E/C0,27H7
OCA0,1,2,4,7	109E7	9504
OCN	115B2	6D/E0
OD0,1,2,4,7	110E5	9504
OD0	115D2	57C3
ODT	115C2	9504,123B7,124C0
OE0,1,2,4,7	110D7	9506
OF	132E7	22H6,30E/E3,88D7,123D5
OF0	113F7	9506
OF1	112D7	9506
OF2	10185	9506
OF4	101C5	9506
OF7	102E5	9506
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	23G0,56A0,9504,123B7,124C0
OFH		6C/D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	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
P5		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
PS1	117F0	6A/G7
PSG	107E7	5A/G3
PT	131D7	23C6,56A3
PT1	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	117E2	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	22H6,30F/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
RNT20	119C0	
RO	119D0	5F/G7
RO'	119D0	5B/H3
RO1-3		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
RS0	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
RT0	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		
SDT		6C/D3
SGA		57B6
SIA	121B0	6E/C0
SIB	121B0	6E/C0
SKO	119B0	95D6
SKI	115H2	95D6
SKT	487	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
SRT1	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
TC1	123F2	6C/D0
TCA	123H2	5H/H6
TCB	123C5	5H/H6
TCC	123D5	5H/H6
TCH0-9	123G5	6E/C7
TCHK	123B7	6B/D3
TCK1		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	6E/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	11485	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
TIG-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
TR1	126F0	6E/C0
TR2	9B02	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
TTO,1,2,4,7	127C5	5H/H6
TTC	127D5	6E/C0
TTL	8E8	2A/F0,1883
TTP	1A/C7	1883,5386,88G5,123G2
TTT	127G5	6C/C0
TVFT0-4	127C7	6E/C5,28B0
TVGT0-4	127D7	6E/E5,28B0
TVGT5-9	127D7	6E/E5,28B0
TVGT10,11	127E7	6E/C5,28B0
TVGT12,13	127F7	6E/C5
TVS	8F1	1883,5386,88G5,123G2
TVT		6D/D3
TVT0,1	8E1	5386,88E5
TVT(-)	8E2	17E7,88E5,9506,123C2,124C0
U0-9	128D3	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	11784
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	12980	5F/D0
VG1	12980	5E/D0
VG2	129E0	5E/D0
VG4	12960	5E/E4
VG7	12960	5E/E4
VG10	12982	5E/D0
VGA	129G2	6E/C5
VGT0	12982	6B/D0
VGT1	129D5	6B/D0
VGT2	129E5	6B/D0
VGT3	12965	6B/D0
VGT4	129C7	6B/D0
VGT5	12907	6B/D0
VGT6	129E7	6B/D0
VGT7	12967	6B/D0
VGT8	130C0	6B/D0
VGT9	13000	6B/D0
VGT10	130E0	6B/D0
VGT11	130H0	6B/D0
VGT12		6B/D0
VGT13		6B/D0
VTC	13082	9506
WKC	130E2	9506
WT		6C/D3
XII	13085	5H/A3
XAN		5E/E4
XBRL		57C3
XCE		57C3
XFT	131H2	6B/D0
XST		5786
XT	133G5	73C6
MASTER TIMING (MT)		
3AM	130H1	30G/C7,120D3
3ANT	130F1	1806,120D3
A	12909	208/C4,87F7,G4
ASP	133E4	208/C4,87F7,G4
B	129F9	208/C4,87F7,G4
BSP	133F1	208/C4,87F7,G4
CI	18/C6,C8	16C7,30G/F4,87C4,120D3
CO	18/B9	16C7,87C4
D	130B1	208/C4,87F7,G4
DA	133F4	208/C4,87F7,G4
DCT	113F4	1806
DTO,1,2,4,7	104A4	1307,88C3,120D3
DUO,1,2,4,7	104D4	1307,88C3,120D3
E	130C1	208/C4,87F7,G4
EMG		2180
EOL	133C6	1806,120D3
ET	13386	208/C4,87A4,G4
HDK	133G1	1806,120D3
HR	131H4	208/C4,8F7,G4
HTO,1,2,4,7	10904	1307,88C3,120D3
HUO,1,2,4,7	109H4	13D7,88C3,120D3
ME	129E9	1806,120D3
MET	99C9	1806,120D3
MG	109F4	208/C4,87F7,G4
MO	11804	208/C4,87F7,G4
MTO,1,2,4,7	113F4	1307,88C3,120D3
MTFT	13386	1806,120D3
MTTR	129G9	1806,120D3
MUO,1,2,4,7	113G6	1307,88C3,120D3
NS	113E4	208/C4,87F7,G4
OOL	134C6	1806,120D3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	98B

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MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
PCN	1B/B7	16D7,87C7
RCCK	11E5	16C7,87C4
RL	133F4	18D7,120D3
RLI	133G4	18D7,120D3
RL2	131G4	18D7,120D3
	133G4	
RN	125C4	20B/C4,87A4, G4
RST0	101B9	21C0,87C7
RST1	101B9	21B0,87C4
RST2	101B9	21C0,87C7
RST3	101B9	21B0,87C4
RST4	101B9	21C0,87C7
RST5	101B9	21B0,87C4
RST6	101B9	21C0,87C7
RST7	101B9	21B0,87C4
RST8	101B9	21C0,87C7
RST9	101B9	21B0,87C4
RST10	101E9	20B/B7,87C7, 96E0
RST11	101E9	20B/B7,87C4, 96E0
RST12	101E9	20B/B7,87C7 96E0
RST13	101E9	20B/B7,87C4, 96E0
RST14	101E9	20B/B7,87C7, 96E0
RST15	101E9	20B/B7,87C4, 96E0
RST16	102B1	20B/B7,87C7, 96E0
RST17	102B1	20B/B7,87C4, 96E0
RST18	102B1	20B/B7,87C7, 96E0
RST19	102B1	20B/B7,87C4, 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
RT1E(EVEN)	19B1	16B7,87C7
RT1O(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	18D6,120D3
RTST	132F1	18D6,120D3
SC	126B4	20B/C4,87F7, G4
SKP	112E6	20B/C4,87F7, G4
SP	130E1	20B/C4,87F7, G4
SPA	109B1	20B/C4,87F7, G4

MASTER TIMING (MT)

DESIG	LOCATION FS	LOCATION CAD
STR	3A0	30G/F4,120D3
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/F4,120D3
TRL	126C4	18D6,120D3
TRST(EVEN)	1B/B7	16D7,87C7
TRST(ODD)	1B/B6	16C7,87C4
TRST (MAG AMA)	1B/C5	30G/F4,120D3
TST	130C1	18D6,120D3
XPL	107E6	20B/C4,87A4, G4

MINI-ROTL INTERFACE (MROTL)

DESIG	LOCATION FS	LOCATION CAD
ATKT	99G4	
ROTL	119B4	

NUMBER GROUP AND CONNECTOR (NG&C)

DESIG	LOCATION FS	LOCATION CAD	
NG	11E8		3D3
NGI	11H8		3D3
NGC0	114B4		
NGC1	114B4		
NGC2	114D4		
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		
NGI	11H8		
NGC0	114B4		9H3
NGC1	114B4		9H3
NGC2	114D4		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		
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	
Ii	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
LKI	101G6		25C/E0

PRETRANSLATOR (PRT)

DESIG	LOCATION FS	LOCATION CAD	
LKI	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
TRI	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	
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

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
RGG	28D3		25A/F4
RGGI	23D3		25A/B0,D2

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	118B1		
RG21	118B1		
RG22	118B1		
RG23	118B1		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99A

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PROGRAM CONTROLLED TRANSVERTER (PCTV)

DESIG	LOCATION FS	LOCATION CAD
CI	1A/C0,C5	17F7,53D6, G6,86G0, 121A/B5, 124H4
MB	9F3,H3	17F7,53E6, 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/E0,124H7
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, G6,86G0, 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

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
CH0	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	11684	122D3
CL1	11684	122D3
CL2	11684	122D3
CL4	11684	122D3
CL7	11684	122D3
CPT0	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	11981
DR2	127F6	131E6
DR4	114C1	116A1
DR7	111C4	116B1
ECT	11989	122D3
EOR	100C9	122D3
ERTO	104E6	122D3
ETM	11664	122D3
FTMO	104F6	122D3
EX1	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
SW1	110E4	122D8
TRA	11081	122D8
TRA2	110C1	122D8
TRB	14H5	122D8
TRB1	14H5	122D8
TRE	109F9	122D8
TRSA	109G9	122D8
TRSB	11081	122D8

RECORDER AND RECORDER CONTROL (RRC)

DESIG	LOCATION FS	LOCATION CAD
TRST	1B/C5	122D8
TRST1	1B/C5	122D8
TST	114E1	122D8
TST1	124E0	122D8
WCK	10089	122D8
WSF	119E6	122D8
WSM	100H6	122D8
WTL	11689	122D8

REGISTER PRIORITY LINK (RPL)

DESIG	LOCATION FS	LOCATION CAD
EV	104F6	SEE CM CKT
HMA	109A1	
ODD	115D4	
OVF0	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
1TR	98C0	SEE MTC CKT
2DT	98F0	115D5
2W	98E2	115D5
11	98E5	115D5
AC,1,2,4,7	9887	115D0
AL	99C2	115D0
AMA	112G0	115D0
AMKS	7G9	115C7
ATKT	99G4	115D0
BO,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
DIS1	103G5	115D0
DNGC	10480	115C7
DNGD	10480	115C7
E0,1,2,4,7	104E2	115D0
F0,1,2,4,7	104B7	115D0
FCK	105H0	11503
FTO-3	106F0	11503
FTC	106G2	11503
FTCK	106H2	115D3
FU0,1,2,4,7	106B7	115D3
FVD	107D2	11503
G0,1,2,4,7	107G2	11503
GPA	99H2	11503
GPB	107G5	115C7
H0	129B0	SEE MTC CKT
H1	129B0	
H2	129E0	
H4	129G0	
H7	108B0,129G0	SEE MTC CKT, 11503
HG0,1,2,4,7	108F0	115D3
LHM	111F7	115D3
LHMT	111G7	115D3
LK2	112E0	115D3
LK3	112F0	115D3
LT	120F5	115D3
LT1	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
NOB	114G5	115D5
OR	115G2	115D5
OSC	115H5	115C7
PK	116E7	115D5
RA	117B2	115C7
RBT	117C2	115D5
RBTI	117C2	115D5
RCT	117E2	115D5
RCT10	117G5	
ROG	119F0	115D5
ROTL	11984	115C7
RP	119C2	115D5
RTP	1E/D7	
SB	120E2	115D5
SCK	120C5	115D5
TB	122D7	115D5
TDCT	123E7	115D5
TF0	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
VF0	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
1TR	98C0	SEE MTC CKT
2DT	98F0	11602
2W	98E2	11602
4W	98B5	11602
A0,1,2,4,7	9887	11600
AL	99C2	11600
ALT	99C2	11608
AMA	112G0	11600
ATKT	99G4	11600
B0,1,2,4,7	99D5	11600
BT	99C7	11600
BY	99G7	11608
C0,1,2,4,7	10000	11600
CGA	100D5	11600
CGB	100D5	11600
CIB	5F7	11600
CKG1	101H0	11600
CKR	101D2	11608
CKR1	101E2	11608
CL3	101G2	11600
CL5	101H2	11600
CRU0,1,2,4	102D5	11600
CSG1	102G5	11600
CSG2	102H5	11600
CSW	102B7	116C0
CTA0,1,2	102D7	11600
CTT0,1,2,4,7	102E7	
CU0,1,2	102G7	11600
CU4,7	103B0	11600
CUT0,1,2,4,7	103C0	
D0,1,2,4	103H0	11600
D7	103B2	11600
DATK	103E2	
DCT	103G2	11600
DIS	103F5	11600
DIS1	103G5	11600
DLTK	103F7	
DNGC	10480	11606
DNGD	10480	11606
E0,1,2,4,7	104E2	11600
ECN	10485	11608
F	10405	11608
F0,1,2,4,7	10487	11600
FAC	105B0	11606
FCK	105H0	11602

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
FG0	10582	11606
FG1	105C2	11606
FG2	105D2	11608
FTO-3	106F0	11602
FTC	106G2	11602
FTCK	106H2	11602
FU0,1,2,4,7	10687	11602
FVD	107D2	SEE MTC CKT
G0,1,2,4,7	107G2	11602
GPA	99H2	11602
GPB	107G5	11606
H0	107G7,129B0	11609
H1	107G7,129B0	11608
H2	107G7,129E0	11608
H4	107G7,129G0	11608
H7	10880,129G0	11608
HG0,1,2,4,7	108F0	11602
HMS1	109C0	
HT0,1,2,4,7	109C2	11606
INC	10905	11609
J0	109C7	11606
J1	109C7	11606
J2	109C7	11606
J4	109C7	11606
J7	109C7	11606
K0	11005	11606
K1	11005	11606
K2	11005	11606
K4	11005	11606
K7	11005	11606
L7	110C7	11606
LHM	111F7	11602
LHMT	111G7	11602
LK2	112E0	11602
LK3	112F0	11602
LT	120F5	11602
LT1	112H2	11602
LT2	112B5	11602
LT3	112C5	11602
MAK1	112E7	11602
MKT0	7E9	3E3,11602
MKT1	7E9	3E3,11602
MOI	113H0	11602
MRL	113E2	11602

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
MT57	113F5	116D4
NDT	114D0	
NOB	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
RS0	119D5	116D8
RS1	119F5	116D8
RSK	120B0	116D8
RTP	1E/D7	116D6
RV1	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	106G5	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	12885	
UT0,1,2,4,7	128D5	116D8
VF0	128F2	116D4
VF1-4	12885	116D4
VG0,1	129B0	116D4
VF2	129E0	116D4
VG4,7	129G0	116D4
VG10	129B2	116D4
X11	13085	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
TO	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	11186	106D5
LA0	1E/D1	106D5
LA1	1E/D1	106D5
OAQ,1,2,4,7	109D4	106D5
OBQ,1,2,4,7	127B6	106D5
OCQ,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
S0	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	110C1	106D5
TA7	110C1	106D5
TB0	110D1	106D7
TB1	110F1	106D7
TB2	110F1	106D7
TB4	110G1	106D7
TB7	110G1	106D7
TC0	110F9	106D7
TC1	111B1	106D7
TC2	111D1	106D7
TC4	111E1	106D7
TC7	111G1	106D7
TCA	105E6	106D7
TCB	105F6	106D7
TH0	11484	106D7
TH1	11484	106D7
TH2	11404	106D7
TH4	114F4	106D7
TH7	114F4	106D7
TKT	125C4	106D7
TRB-0	14D8	106D7
TRB-1	14E8	106D7
TRB1-0	14E8	106D7
TRB1-1	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	80B/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
TRB1	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	11680	30B/E0
OSG7	11680	30B/E0
OSG8	11680	30B/E0
OSG9	11680	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	10867	30B/E0
SW7	10780	30B/E0
SWT0	106C2	30B/E0
SWT1	106D2	30B/E0
TR8	14C8	30B/E0
TRB1	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	10269	119D0
CU1	10269	119D0
CU2	10269	119D0
CU4	103B1	119D0
CU7	103B1	119D0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
DCT	103F4	118D6
DCT1	103B6	118D2
DIS1	103G6	11806
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
FR0	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	10686	118D0
FU'0	106E9	119D0
FU'1	106F9	119D0
FU'2	106F9	119D0
FU'4	106F9	119D0
FU'7	10781	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	10884	119D0
HGK	10804	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
TEST CONNECTOR CKT FOR ACD (TCC)		
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	12486	119D0
LL2	12406	119D0
LL4	124F6	119D0
LL7	12466	119D0
LLCK	112G1	119D0
LTR	112D6	
LV2-9	112F6	118D8
LXPA	112D6	118D8
LXPI	112B9	118D8
MAK1	112E9	118D8
MLF	113F1	118D8
MRL	113E4	11806
MXT	11309	118D8
O6S1	125C9	118D6
O3S2	125F6	118D6
OTT	116F1	
P0-4	11684	118D0
P5-9	116C4	118D2
PA	11604	118D2
PK	116E9	119D0
PNR	116G9	118D2
PRR	117D1	119D0
PS	117E1	119D0
RA	11784	118D4
RA0-3	11904	118D8
RA4	119E4	118D8
RCY	117D9	118D2
RK	118F1	118D8
RK1	118G1	11900
RK2	11884	11900
RK3	118C4	11900

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
RL	118E4	119D2
RR	11906	11806
RTO-3	120C1	118D0
RTE0,1,2,4	10606	118D6
SDG	120F6	119D2
SDT	12089	11806
SLA	121C1	118D8
SNK	12184	11806
SNR	121C4	118D4
SQ1	12186	118D0
SQA	121C6	118D0
STP1	121C9	118D4
STP2	121D9	118D4
STR	3F5	118D4
STRA	3F5	118D6
TA	122E4	118D2
TB0	122F9	118D2
TB1,2	12381	118D2
TB3,4	123C1	118D2
TB5	123C1	118D2
TB6,7	123D1	119D2
TBK	12361	118D0
TC1	123F4	118D8
TCHK	12389	11804
TCK	123C9	118D2
TG0	12461	118D2
TG1	12461	118D2
TG2	12484	118D2
TG3	12484	118D2
TG4	12484	118D2
TG5	124C4	118D8,11902
TG6	12404	11902
TG7	12404	11902
TG8	12404	11902
TG9	12404	11902
TG10	124E4	11902
TG11	124E4	11902
TG12	124E4	11902
TG13	124E4	11902
TG14	124E4	11902
TG15	124E4	11902
TG16	124E4	11902
TG17	124E4	11902
TG18	124E4	11902
TG19	124E4	11902
TI	12501	11808
TIR	1468	11806
TK	12584	11802
TM	125G4	11806
TP0	11906	11806
TP1	119F6	11806
TP2	11966	11806
TP3	11989	11806
TP4	119C9	11806
TRL	12684	11804
TRS	12664	11804
TRS1	1F/G5	11806
TRST	1F/G8	11806
TS0	12606	11800
TS1	12606	11800
TS2	12606	11800
TS3	12606	11800
TS4	126F6	11800

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
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	12784	11806
TSQ0	114E1	119D2
TSQ1	114F1	119D2
TSQ2	114G1	119D2
TSQ4	114H1	119D2
TSQ7	127E4	119D2
TTG0	12384	11808
TTG1	12384	11808
VF'0-4	128D6	119D2
VFT0	128F6	11804
VFT1	128H6	11804
VFT2	12889	11804
VFT3	128D9	11804
VFT4	128E9	11804
VG'0,1,2,4,7	129D4	119D2
VG'3	129F4	11902
VGT0	129B6	11902
VGT1	12906	11902
VGT2	129E6	11902
VGT3	12966	11902
VGT4	129C9	11902
VGT5	12909	11902
VGT6	129E9	11902
VGT7	12969	11902
VGT8	130B1	11902
VGT9	130D1	11902
VGT10	130F1	119D2
VGT11	13061	119D2
VTK1	130C4	118D2
W	130F4	118D6
XBT	130F6	118D0
XCH	130H6	11804
XCL	13009	11804
XCS	131D1	11902
XHG	131C6	118D2
XI	131F6	119D2
XJC	131D9	11800
XJG	131F9	11800
XJS	132C1	11802
XLC	132E1	11804
XLG	132C4	11804
XLH	132E4	11802
XLO	13264	11902
XLR	13206	11800
XLS	132F6	11800

DESIG	LOCATION FS	LOCATION CAD
TEST CONNECTOR CKT FOR ACD (TCC)		
XLV	132C9	118D0
XMRL	132E9	119D2
XRL	133D4	119D2
XSL	133D6	11804
XSS	121F9	118D0
XTB1	134C1	119D2
XTC	134E1	11808
XTC1	134G1	11808
XTG1	134E4	11804
XTRK	134F4	118D0
XTRL	134G4	118D0
XTS	134C6	11804
XTS1	134E6	11804
XVGA	134F6	11808
XVGB	131F1	118D0

TRUNK TEST REGISTER (TTR)

ITR	98C0	
2DT	98F0	10908
2L1	9860	6E/G5,10906
2W	98E2	10908
A0,1,2,4,7	9887	10900
AL	99C2	10900
AMA	11260	10900
B0,1,2,4,7	99D2	10900
BT	99C7	10900
C0,1,2,4,7	10000	10900
CGA	10005	10500
CGB	10005	10900
CIB	5E7	18/D0,10900
CKG1	101H0	10900
CRU0	102D5	10900
CRU1	102D5	10900
CRU2	102D5	10900
CRU4	102D5	10900
CRU7	102E5	10900
CSG1	102G5	10900
CSG2	102H5	
CSW		
CTA0	102D7	10900
CTA1,2	102D7	
CU0	102G7	10900
CU1	102G7	10900
CU2	102G7	10900
CU4	1050	10900
CU7	10380	10900
D0,1,2,4	103H0	10900
D7	10382	10900
DCT	10362	10900
DIS	103H5	10902
DIS1	10365	10902
E0,1,2,4,7	104E2	10902
ECN	10485	10902
F	104G5	10902
F0,1,2,4,7	10487	10902

TRUNK TEST REGISTER (TTR)

FCK	105H0	
FG0	105B2	10902
FG1	105C2	10902
FG2	105D2	10902
FT0-3	106F0	10902
FTCK	106H2	10902
FU0,1,2,4,7	106B7	10902
FVD	107D2	10902
G0,1,2,4,7	107G2	10902
GPA	99H2	10902
GPB	107G5	10902
H0	107G7,12980	10902
H1	107G7,12980	10902
H2	107G7,129E0	10902
H4	107G7,129G0	10902
H7	107G7,129G0	10902
HG0	108F0	10902
HG1	108F0	10902
HG2	108F0	10902
HG4	108F0	10902
HG7	108F0	10902
HMS1	109C0	10902
HT0,1,2,4,7	109C2	10904
INC	109D5	10904
J0,1,2,4,7	109C7	10904
K0,1,2,4,7	110D5	10904
KM	110G5	75C/H6,10906
L7	110C7	10904
LHM	111F7	10904
LHMT	111G7	10904
LK2	112E0	10904
LK3	112F0	10904
LT	120F5	10904
LT1	112H2	10904
LT2	112B5	10904
MKS	7F8	2A/E3,10904
MKT0,1	7E8	3B3,10904
MO1	113H0	10904
MRL	113E2	10904
MT1K	113F2	10904
MT2K	113H2	
MT5	113B5	10904
MT8K	113D5	
MT9K	113D5	
MT10K	111E5	
MTRA	11780	
NOBT	11487	10904
OR	115G2	10904

TRUNK TEST REGISTER (TTR)

PCD	116D5	10904
PCD1	116E5	10904
PCR	116G5	10904
PK	116E7	10904
POTS	11780	75C/H7
RA	11782	10904
RBT	117C2	10904
RBT1	117C2	10904
ROG	119F0	10904
RP	119C2	10906
SB	120E2	10906
SBT	120E2	10906
SCK	120C5	10906
SPL	121C2	
TAN	122C5	10906
TAN1	122E5	10906
TAN2	122F5	10906
TAN3	122H5	10906
TAN4	122C7	10906
TB	122D7	10906
TBT	123C2	10906
TCA	123H2	10906
TCB	123C5	10906
TDCT	123E7	10906
TF0	124E0	10906
TF1	124E0	10906
TF2	124E0	10906
TF4	124F0	10908
TF7	124F0	10908
THT0	124G2	10908
THT1	124C5	10908
THT2	125L0	10908
THT3	125C0	10908
TI	6H1,125D1	18/D0,10908
TM	6D0	18/D0,10908
TMK	12585	10908
TMK1	12585	10908
TOL	12680	10908
TR2	9802	10908
TRK	98C0	10908
TRL	126C2	10908
TRL1	126C2	10908
TRL2	126D2	10908
TS	6E8	2A/E3,10908
TSE1	127C2	10908
TST	10F5	2A7,10908
TSTL	127F2	

TRUNK TEST REGISTER (TTR)

TTO,1,2,4,7	127C5	10908
TTR	127F6	1583,10908
TTRP	1E/D5	2A/E3,10908
U'0	128F2	
U'1,2,4,7	12885	
UTO,1,2,4,7	12802	10908
VF0	128F2	10908
VF1-4	12885	10908
VG0	12980	10908
VG1	12980	10908
VG2	129E0	10908
VG4	129G0	10908
VG7	129G0	10908
VG10	12982	10908
X11	13085	10908

TRANSFER TRUNK LINK (TTL)

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

TRANSLATOR ACCESS (TA)

ITR	98A1	
2TR	9804	
CI	1A/B2	154A2-02
EF	123E1	
EVG	11281	
FU0	10586	
FU1	11281	
FU2	125G1	
FU3	9906	
FU4	11801	
FT0	117G1	
FT1	116E9	
FT2	125C6	
FT3	10406	
FT4	11604	
FT5	105B6	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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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	129F4		
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	
H0,1,2,4	107G9	107D0	
H7	108C1	107D0	
J0,1,2,4,7	109D9	107C2	
K0,1,2,4,7	110D6	107C2	
L0,1,2,4,7	110H6	107C2	
L'0,1,2,4,7	110C9		
M0,1,2,4	102D6	107C2	
M7	113E9	107C2	
N0,1,2,4	107H6	107C2	
N7	107B9	107C2	
STR1	3D7	107C2	
STRA	3E7	107C2	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
1TR	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'	117B6,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	998:	23B4,30F/B2, 86G2,121A/A0 124D7	
AC	115G6	30D/E5,86C5, 121A/A0,124D7	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
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'0,1,2,4,7	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	
C0,1,2,4,7	100B1	22H4,30D/E7, 86C7,121A/A3, 124C3	
C'0,1,2,4,7	100E1	23B4,30F/B2, 86G2,121A/A3, 124D7	
CD0,1,2,4,7		86D2,121A/A3	
CI	1A/C5	17F7,86G0, 121A/B5, 124H4	
CI1	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	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
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, 124C3	
CP0	102F4	22H4,30D/B7, 86D2,121A/E3 124D7	
CP1	102F4	22H7,30D/B7, 86D2,121A/E3 124D7	
CP2	102F4	22H4,30D/B7, 86D2,121A/E3 124D7	
CP4	102F4	22H4,30D/B7, 86D2,121A/E3 124D7	
CP7	102F4	22H4,30D/B7, 86D2,121A/E3 124D7	
CT0,1,2,4,7	109E9	30D/G7, 121A/A0,124D7	
D0,1,2,4	103G1,H1	22H4,30D/E7, 86C7,121A/E3 124C3	
D7	103B4,C4	22H4,30D/E7, 86C7,121A/E3 124C3	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
D'0,1,2,4,7	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	
E0	104E4	22H4,30D/E7, 86F5,121A/A3, 124C3	
E1,2,4,7	104E4	22H7,30D/E7, 86F5,121A/A3, 124C3	
E'0,1,2,4,7	104G4	23B4,30F/B2, 86G2,121A/A3, 124D7	
EX8		22H4,30D/E7, 86C5,121A/A0, 124D7	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
EXG		22H4,30D/E7, 86C5,121A/A0, 124D7	
EXT	130G6	22E3,30D/E5, 86C5,121A/A0, 124D7	
F0,1,2,4,7	104B9	22H4,30D/E7, 86F5,121A/A3 124C3	
F'0,1,2,4,7	104D9	23B4,30F/B2, 86G2,121A/A0, 124D7	
FABC	104G9	22H4,30D/E7, 86F2,121A/F3, 124D7	
FACK	131B6	22H4,30D/E7, 86F2,121A/F3, 124D7	
FTO-3	106F1	22H4,30D/B7, 86D2,121A/F3, 124D7	
FU0,1,2,4	10689,C9	22H4,30D/B7, 86D2,121A/F3, 124D7	
FU7	10689,C9	22H7,30D/B7, 86D2,121A/F3, 124D7	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
G0,1,2,4,7	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	
HN0-4	109D1	22A3,30D/B5, 86F2,121A/F3 124D7	
HN5-9	109G1	22A3,30D/B5, 86F2,121A/F3 124D7	
J0,1,2,4,7	109C9	22H4,30D/E7, 86F5,121A/A0, 124C3	
K0,1,2,4,7	110D6	22H4,30D/E7, 86C5,121A/A0, 124D7	
L0,1,2,4	110G6,H6	22H4,30D/E7 86F2,121A/F3, 124D7	

TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD	
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	

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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
M8	9F3	17F7,86G0, 121A/B5, 124H4
MB0,1,2	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,D0, 124D7,H7
MOA	11384	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
OFF0-3	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
OFT0-2	127B1	22H4,30D/E7, 86D2,121A/A3, 124D7
OPI	131G1	22H3,30D/G5, 86C5,121A/A0 124D7
P	133D9	23B4,30F/B2, 86G2,121A/A0, 124D7
PI	132B6,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	131B9,C9	2384,30F/B2, 86G2, 121A/A0, 124D7
PTI	13481,C1	2384,30F/B2, 86G2, 121A/A0, 124D7
RA1	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	17F7,8684, 121A/B5, 124H4
RCI	21A1	17F7,86G0, 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,E0, 124D7,H7
RLA	118F4	72E3,30D/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	2182	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, 86G2,121A/F3, 124D7
RSTO-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	10704	30D/B5,86H2, 121A/A0, 124D7
RST24	13086,C6	30D/B5,86H2, 121A/A0, 124D7
RST25	98E6,F6	30D/B5,86H2, 121A/A0, 124D7
RST26	11581,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	2384,30F/B2, 86G2,121A/A0 124D7
TO-4	122D1	22A3,30D/B5, 86F2,121A/F3, 124D7
T5-9	12284	22A3,30D/B5, 86F2,121A/F3, 124D7
TBL	11389,C9	2384,30F/B2, 86G2,121A/A0, 124D7
TBY	13006	22E3,30D/E5, 86F2,121A/F3 124D7
TC1		30G/D4, 121A/D3
TCT	12309	2384,30F/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	11484,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	11486	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	17E7,86F0, 121A/D5, 124E4
TM1	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	11389,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,C0, 124D7,H7
TRA	126G1	86C5,121A/A0 124D7
TRB	13C8	17F7,86G0, 121A/B5, 124H4
TRL	133E6	23H7,86C5, 121A/A0, 124D7
TRP		86H2,121A/A0, B0,124A7
TRS	126F4,G4	22C3,30D/D5, 86A5,121A/A0, 124D7
TRST	1A/C5	17E7,86G0, 121A/B5, 124H4
TRT0,1,2,4	11881	30D/G7, 121A/A0, 124D7
TRT7	121E4	30D/G7, 121A/A0, 124D7
TRU0	10584	30D/G7, 121A/A0, 124D7
TRU1	105C4	30D/G7, 121A/A0, 124D7
TRU2	105E4	30D/G7, 121A/A0, 124D7
TRU4	10486	30D/G7, 121A/A0, 124D7
TRU7	11584	30D/G7, 121A/A0, 124D7
TSL	127E4	22E3,30D/E5, 86D2,121A/F3, 124D7
TTT	11986	22H4,30D/E7, 86A5,121A/A0, 124D7
TV0	1A/A3	17F7,86G0, 121A/B5, 124H4
TV8	1A/A3	17F7,86G0, 121A/B5, 124H4
TVT	11C2	17F7,86G0, 121A/B5, 124H4
TVT3(-)	21D2	17F7,86G0, 121A/B5, 124H4
TVTA(-)	8E5	17F7,86G0, 121A/B5, 124H4

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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	11289,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	10386,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	10386,C6	22E3,30D/E5, 86C5,121A/A0, 124D7
XRB	10306,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/B5,86B5, 121A/A0, 124D7
XT	13306,H6	23B4,30F/B2, 86G2,121A/A0, 124D7
XTKK	11589	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
CN3	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
FR5	27F8	17E7,89D7 127D0
S0-9	120D4	787,89F7, 127D0
S10-14	120D4	8H0,89F7, 127D0
SG	28G3	17E7,8997, 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, 89B7,12700
	128C6	22B4,30D/B7, 89B7,12700
	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	
RPA8 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
AL3	99H4	24G0,120B5, D5
AL4	107G6	24G0,120B5, D5
AL7	103D1,E1	24G0,120B5, D5
ALS	104E9	24G0,12087, 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	24G0,12087, F7
DS	132C1,D1	24G0,12087, F7
DTK	13484	24G0,12087, F7
IPA	129D6	24D0,12087, F7
MRRL	133E1,F1	24G0,12087, F7
MRST	133C1	24G0,12087, F7
ONL	2F6	18G3,120F5
OTO	129F6	24D0,120B5, D5
RC-	2182	17G0,30C/D0, 120F5
RCCK	11F5	17G0,30C/D0, 120F5
RD	13289	24G0,12087, F7
RST0-9	10189	2160,67H0
RST10-15	101E9	208/D7,87H0, 95D1
RST16-19	12081	208/D7,87H0, 95D1
SP	101C1	24G0,12087, F7
T0,1,2,4,7	12786	24G0,30G/B0, 12085,D5
TBL	113A9,B9	24G0
TC1	2181	30G/B4,120F5
TCN0-9	10189	120F5
TCN10-15	101E9	120F5
TCN16-19	102B1	120F5
TM	6G3	24G0,12087, F7
TNR	113A9,B9	24G0,12087, 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	24G0,12087, F7
TRST	18/B0-B3	17G0,30C/D0, 120F5
TTKL	133B4,C4	24G0,12087, F7
TV	129C6	24G0,12087, F7
U0,1,2,4,7	128D4	24G0,30G/B0, 12085,D5
XOST	109E4	24G0,12087, F7
XPI	116D1	24D0
XRB	103E6	24G0,12087, F7
XRLI	130C4	24G0,12087, F7
XRTL	111B9	24G0,12087, F7
XTI	122F4	24D0,12087, F7
XTC	134E1,F1	24G0,12087, F7
XTL	134E4	24D0,12087, F7
XTOK	10486,C6	24G0,12087, F7
XTP	116D1	24D0,12087, F7
XUI	116E1	24D0,12087, F7

TRUNK LINK (TL)

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

TRUNK LINK AND CONNECTOR (TL&C)

DESIG	LOCATION FS	LOCATION CAD
LV2-9	112E6	
TRA	10F0	
TSK	127D4	
TST	10F8	
TTA	10D8	
TTM	10C8	

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 3D3
TSTI		
TTA	10D8	3C3,111E0
TTM	10C8	3C3,111E0

TRUNK LINK (TL)

DESIG	LOCATION FS	LOCATION CAD
LC0-9		7F0,90F0
LV0,1 LV2-9		15D0,90F0 7F0,90F0

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	10680	5E/A9
FS15-19	10680	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	12687	5A/E9
TS6-9	126E7	5A/E9
TS10-12	12780	5A/E9
TS13,14	12700	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	11509	
FU0	11509	
FU1	115F9	
FU2	115F9	
FU4	115G9	
FU7	11681	
GRP0	11681	11BA/F9
GRP1	11681	11B4/F9
LT0	11681	
LT1	116C1	
LT2	116C1	
LT4	121F6	
LT7	12166	
LU0	11586	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 988

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LEAD INDEX FOR TABLE 18

WADS LINE CONCENTRATOR NO. 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
RSD	106C9	11H1
SD	106G1	11H1
SR	106G1	11H1
STR	3D0	18/A4
TER	106G1	11H1
TM5	129C1	11H4
TR8	12E2	18/H4
TRB1	12E2	18/H4
TT0	114B1	9H8
TT1	119D1	9G0
TT4	99D1	9G0
TT7	103E4	15C0
TU0	125F4	15C0
TU1	12084	15C0
TU2	11981	15C0
TU4	115H4	15C0
TU7	11586	15C0
WC	130D4	15C0

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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SD-25805-01-A68

TROUBLE RECORD PUNCH DESIGNATION INDEX
FOR TABLE 1B (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
4L	117A5	R3,31B SA3,32B
4W	98A5, 119E2	AB7,2F, S6,01B
4WL	107A2	SA4,30B
4WT	107F0	SA4,24B
5DG	98C5	R3,32F
[5I]	103A7	R3,32B RA7,40F
7DG	108F2	SA3,01B
[7I]	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

DESIG	LOCATION FS	LOCATION CARD
AGI	102C5	AB1,11F
AG2	10980	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
AL1	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	99D2	R2,54F
AOS	106E2	R0,02B
[AOT]	134B2	SA6,14F
ARO	102A2	R6,22B
ARO,1	99E2	S2,30,31F
AR1	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
ATO,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
B3FC (BE)	112G0 120E7	S6,32B RA7,22B

DESIG	LOCATION FS	LOCATION CARD
BIO	124B7	S6,31B
BII	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
BWO-29	99D7	RO-8
BW30-59	99E7	RA0-8
BW60-89	99F7	AB0-8
BW90-119	99F7	SA0-8
BWXO,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'Q,1,2,4,7	100D0	S0,20-24F S0,20-24B
CAMA	100F0	S7,41F
CAMF	100G0	S3,33F
CAMS	100H0	S3,34F
(CCQ,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
CD0,1,2	102B7	R1,50-52B
CDQ,1,2,4,7	100A2	AB6,5,4,3,2 2F
CD4,7	100C5	R1,53,54B
CD'Q,1,2,4,7	100B2	AB6,5,4,3,2, 3F
CDAO,1,2,4	100C2	RA4,40-43F
CDA7	100D2	RA4,44F
CDA'Q,1,2,4	100F2	RA4,50-53F
CDA'7	100G2	RA4,54F

DESIG	LOCATION FS	LOCATION CARD
CDCO	107D7	S7,20B
CDCI	121C5	S7,21B
CDN	100H2	S2,24F
CE'	10085	AB6,10F
(CFO-3)	12685	RA8,00-03B
(CF4)	126E5	RA8,04B
CGA	100C5, 118F2	R1,53F, R3,00B
CGB	100C5, 118G2	R1,54F, R3,01B
[CGC]	114A0	R4,34F
CGT	100D5	SA7,54F
CHO	100G5, 114G0	RA5,10F, RA4,03B
CHI	100G5, 127F0	RA5,11F, RA4,04B
CH2	100H5, 112B2	RA5,12F, RA4,10B
CH3	100A7	RA5,13F
CH4	10087	RA5,14F
CH5	100C7	RA5,20F
CH6	100C7	RA5,21F
CH7	100D7	RA5,22F
CH8	100D7	RA5,23F
CH9	100D7	RA5,24F
CHE	101A0	SA7,12F
CII	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	SA5,03B
CK2	103B7	R2,30F
CK2,3	132D2	SA5,04B
CK4	103C7	R2,31,32F
CK4,5	132F2	SA5,10B
CK6	103E7	R2,33,34F
CK7	103F7	R2,40F
(CKF)	131C0	SA5,02B
CKG	105E2	RA7,20B
CKLQ,1,2,4	101G0, 108D2, 132B2	SA8,01F, SA3,00B, SA5,01B
CKL7	100C2	RA4,40-43B
CKLS	100D2 123D5	RA4,44B RA4,33B
CKR	101C2	RA2,43F
CKRQ,1,2,4	100F2	RA4,50-53B
CKR7	100G2	RA4,54B
CKRS	123E5	RA4,34B
CLQ,1,2,4,7	116A2	RA6,40-44B
CL1,2,4	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

DESIG	LOCATION FS	LOCATION CARD
CLF	115B7	R4,00B
CLG	101D5	RA7,42F
CLK	123C7	RA7,50F
CLTI,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 CNO-9	102E0 101A7	S5,20-22F S4,00-04, 10-14F
CN2	102F0	R5,12F R5,12B
CN3	102F0	R5,13F R5,13B
CN3	102G6	S5,23F
CN10-15	101E7	S4,20-24,30F
CN16-19	102A0	S4,31-34F
CNR	102H0	S2,11F
CNS	102A2	R6,22F
CON (CPO-2)	102C2 10587	SA7,20F SA0,00-02B
CPO,2,4	102D2	R2,00,02,03F R2,00,02,03B
CP1,7	102F2	R2,00,04F R2,00,04B
(CP3,4) (CP5-7)	105D7 105E7	SA0,03,04B SA0,10-12B
CPTO	110F5	RA4,24B
CR CRO,1,2,4,7	102G2 102A5, 116C2	S2,03F S2,50-54F, RA6,50-54B
CRRO-2	102B5	R6,24,30,31F
CRS	102C5	AB1,11F
CRT	116D2	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)	118B0	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	10907	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

DESIG	LOCATION FS	LOCATION CARD
CUO-2	102F7, 112F7	RO,50-52F R2,10-12B
CU4,7	103A0, 113A0	RO,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)	11780	RA7,23B
(DACA)	114D0	RA4,00B
(DACB)	114E0	RA4,01B
[DAT]	120D5	RA4,22F
DC	124F2	RA5,00B
DCC	124B5	RA5,01B
DCK	103C0	S7,14F
DCKF	100D7	RA5,24B
DCT	103F2, 11302	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, 11487	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 [DLT]	103F7 99F5	R2,40F 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
(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

DESIG	LOCATION FS	LOCATION CARD
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
(DRAT1)	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	R7,42F
[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
EA0	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

DESIG	LOCATION FS	LOCATION CARD
ECO-2	124D0	S3,50-52B
ECO,1,2,4	129D2	R0,14,20-23B
EC7	129E2	R0,24B
ECN	104A5	S4,53F
ECT	11987	RA5,33B
ECTO-2	102F7	R0,50-52B
ECT4,7	103A0	R0,53,54B
ECUO-2	10287	R1,50-52B
ECU4,7	100C5	R1,53,54B
EDO,1,2,4,7	108A2	R0,30-34B
EEO,1,2,4,7	12805	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	11507	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	12887	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	13185	SA5,12B
FAK	105C0	SA8,41F
FBK	105D0	SA8,42F

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DESIG	LOCATION FS	LOCATION CARD
FC	105E0	R3,53F R3,53B
FCG	105E0	S7,12F
FCK	105G0	SA8,12F
FG0	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
FR0	105C5	R5,00F R5,00B S5,00F
FR1	105E5,F5	S5,01F, R5,01F R5,01B
FR2	105F5	R5,02F R5,02B S5,02F
FR3	105H4	R5,03F R5,03B S5,03F
FR4	105A7,H4	R5,04F R5,04B, S5,04F
FR5-9	10587	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
FT0	117G0	RA1,00B
FT0-3	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	112B0	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
FUT0,1,2,3,4	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
G0	100G5	RA5,10B
G0,1,2,4,7	107F2	R8,00-04F R8,00-04B
G0-2	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	13282	SA5,01B
GLA	107C5	RA2,23F
GLB	107D5	RA2,30F
GLH	107D5	SA7,14F
GPA	99G2	R6,13F
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
H7	108A0	R8,10-13B 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
HG0,1,2,4,7	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	A80,11F
HMS1	108C5, 109B0	SA3,03B, SA7,03F
(HN0,1,2,4,7) HN0-4	109D0 109D0	RA3,20-24B RA3,20-24F
HN5-9	109F0	RA3,20-24B RA3,30-34F RA3,30-34B
HR	131G2	SA6,51B
HR1	129B7	SA4,40B
HT0,1,2,4,7	109C2, 109D2	S5,30-34F, RA0,20-24F RA0,20-24B
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
HU0,1,2,4,7	109H2	RA0,30-34F RA0,30-34B
IC	133G2	SA5,20B
(ID0)	111A2	RA7,10B
(ID1)	111C2	RA7,11B
(ID2)	111E2	RA7,12B
(ID4)	111F2	RA7,13B
(ID7)	111A5	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
ITC0	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
J0,1,2,4,7	109C7	R8,20-24F R8,20-24B
J'0,1,2,4,7	109D7	R7,20-24F
JC0	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
JG0	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
K0,1,2,4,7	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
L0,1,2,4	110G5	R8,40-43F R8,40-43B
L7	110A7	R8,44F R8,44B
L'0,1,2,4,7	110C7	R7,40-44F
L5D	118C0	R3,30F R3,30B
LB	110D7	S6,13F
LC	134B5	SA6,31B
LC0	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
LCD0-2	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
[LI0]	134D0	SA5,34F
[LT1]	134G0	SA5,40F
LIN	112B0	RA1,12F
LIT	112C0	S8,23F
LK	112C0	SA8,52F
LK1	112D0	SA7,32F
LL0	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
LL0	121C2	S6,23B
LL1	113F0	S7,23B
LOLD	112D2	A88,10F
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
LV0,1	112E5	RA8,53,54F
LV2-9	112E5	RA8,40-44, 50-52F
LVF	112F5	S8,13F
LVM	112F5	S8,14F S8,14B
LVR	112G5	A88,3F
LVS	112H5	AB7,3F
LXPA	112D5	SA7,04F
LXP1	112A7	SA7,13F
M	112C7	S8,11F
M0,1,2,4	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	
MB0-2	112F7	R2,10-12F R2,10-12B
MB4,7	113A0	R2,13,14F R2,13,14B
MB10,1,2,4,7	109C2	S5,30-34B
MBK	117C7	SA3,53B
MCS	113D0	RA5,50F
ME	129D7	SA4,42B
MET	9987	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
MT0	11885	R3,03B
MT0,1,2,4,7	113F2	RA0,40-44F RA0,40-44B
MT1	118C5	R3,04B
MTFT	13385	SA4,54B
MTK	108F7, 128E5	SA3,14B, SA3,20B
MTPT	119B2	S8,02F S8,02B
MTR	12789	S8, 33B
MTRA	117A0	RA4,12B
MTRB	113C2	RA4,13B
MTRS	12787	S8, 31B
MTTR	129F7	SA4,43B
MU0	118D5	R3,10B
MU0,1,2,4,7	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
(N0,1,2,4)	107H5	R6,00-03B
(N7)	107A7	R6,04B
N7	113D7	R8,50F
N'7	113F7	R7,50F
NAC	11440	R4,34B
[NC]	12880	R3,34F
NDI	114C0	RA7,53F
NDK	114C0	RA7,54F
NE	114D0	SA8,03F
NGCT0	114D0	RA4,00F
NGCT1	114E0	RA4,01F
NGCT2	114F0	RA4,02F
NGCT3	114G0	RA4,03F
NGCU0,1	114A2	RA3,00,01F
NGCU2	114D2	RA3,02F
NGCU3,4	114F2	RA3,03,04F
NGCU5-9	114A5	RA3,10-14F
NGK	114C5	RA2,24F
NGK1	107D5	RA2,30F
NH	114D5	R5,53F
NI0	106A2	R0,00B
[NI0]	121F2	R5,54F
NL00	109B5	S6,24B
NL01	103F0	S7,24B

DESIG	LOCATION FS	LOCATION CARD
NMB0	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
NR00	117F2	SA3,31B
NR01	117A5	SA3,32B
NS	113D2	SA6,54B
NSI	114C7	S7,52F
NS0	114D7	S7,51F
NSP	114D7, 125B7	S3,43F, S2,14B
NT	114D7	R5,50F
NT8	115F2	S3,20B
NTT	114F7	R4,53F
O0	115A0, 115C0	S3,11F, RA2,20F
O00,1,2,4,7	107A5	R7,00-04B
(O00,1,2,4,7)	109C2	S5,30-34B
OAR0	103B7	R2,30B
OAR1,2	103C7	R2,31,32B
OB	115D0, 115E0	S3,12F, RA2,21F
OB0,1,2,4,7	108C0	R7,10-14B
(OB0,1,2,4,7)	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
OC0,1,2,4,7, (OC0,1,2,4,7)	109D7	R7,20-24B
OCN	128D2	S5,50-54B
	115A2	S4,54F
OD	115B2	R3,20F R3,20B
OD'	115D2	R3,22F
OD0,1,2,4,7	110E5	R7,30-34B
OD0	128G5	SA3,21B

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DESIG	LOCATION FS	LOCATION CARD
OEO,1,2,4,7	110C7	R7,40-44B
OF	123F0, 132D7	RA1,21B SA5,50B
OFO	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	126E5	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
OGO,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
ORCO	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	9965	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	116A0	R4,11-14F
OSG10,11	116B0	R4,20,21F
OSK	116D0	SA7,41F
OST7	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	12080	RA1,34B
P	133C7	SA6,13B
PO-4	116A2	RA6,40-44F
PI	132B5	SA6,30B
P2L	108F7	SA3,14B
P4L	128E5	SA3,20B
P5	13087	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	S2,02F
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	11780	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	100D7, 117F0	RA5,23B, S7,22F

DESIG	LOCATION FS	LOCATION CARD
PT	131B7	SA6,22B
PTI	134B0	SA6,20B
PTK	117G0	RA2,34F
PTN	117G0	RA1,00F
PTR	122B7	S6,53F
PTS	131C2	SA6,40B
PUL	117H0	RA1,31F
RA	117A2	S6,21F
RA0-3	119C2	S6,03,04,10,11F
RAI	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	117B0	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] [RDS]	104F5 104E5	RA4,30F RA4,31F

DESIG	LOCATION FS	LOCATION CARD
REO	12185	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	11880	S4,40-43F
RGK	108A5	SA3,02B
RH	118C0	R3,30F
RI	11800	RA1,20F
[RIK]	133C7	SA6,13F
RIP	11800	RA4,20F
RK	109C5, 118E0, 121E7	S3,22B, SA8,51F, SA5,14B
RK1	11860	SA8,24F
RK2	118A2	SA8,30F
RK3	108A5, 11882	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	119B0	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	115C2	S6,03,04,10,11F
RP4	119D2	S6,12F
RPAB	119E2	S6,01F
RPB	119G2	S6,00F
RPX	11985	R6,54F
RPSA	11985	S6,02F
RPT	107A2	SA4,30B
RR	119C5	S6,22F
RSO	119D5	RA5,30F
RS1	100B7, 119E5	RA5,14B RA5,31F
RS2	100C7, 119G5	RA5,20B RA5,32F
RS3	11987	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	12080	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	13085	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
RTEO,1,2,4	106C5	SA4,00-03F
(RTK)	125E2	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	2001,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
SAE	120E2	RA2,51F
SB	118D0	RA4,20B
SC	120F2	R3,33F
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
SK1	115G2	R4,51B
SKP	112D5	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	10980	SA7,03B
SPC	121E2, 125E5	S4,44F S2,20B
SPCO	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
SPUO	116A5	RA2,40B
SPU1	12100	RA2,41B
SPU2	10182	RA2,42B
SPU4	101C2	RA2,43B
SPU7	98F5	RA2,44B
SQ1	12185	S6,30F
SQA	121C5	S7,21F
SR1	121D5	AB2,10F
SR2	124C7	AB1,10F
SR3	12407	AB0,10F
SRK	121D5	RA1,42F
SRT	10460	S8,04F
SSA	121E5	R4,22F
SSB	121F5	R4,23F
SSTI	12187	S8,22F
STP1	12187	
STP2	121D7	RA5,54F
STR	3B8	
STRA	3F8	
SW	110C2	RA5,20B
SWO	106D7	RO,04F
SWO,1,2,4,7	108F0	R1,30-34B
SW1	110D2	RA6,21B
SW1,2,4	106E7	RO,10-12F
SW7	107A0	RO,13F
SWTO	106A2	RO,00F
SWT1	106C2	RO,01F
SWT2	106E2	RO,02F
SXT	121E7	SA5,14F
SY	9987	SA6,53B
TA	122E2	SA7,42F
(TAO)	109F7	RA6,00B
(TA1)	109G7	RA6,01B
(TA2)	110A0	RA6,02B
(TA4)	110B0	RA6,03B
(TA7)	110C0	RA6,04B
TAN	122B5	S5,23F
TANO	122C5	S6,44F
TAN1	122D5	S6,50F
TAN2	122E5	S6,51F
TAN3	122G5	S6,52F
TAN4	122B7	S6,53F
TAN5	122C7	S6,54F
TARO	101G2	R2,50B
TAR1	10145	R2,51B
TAR2,3	122D7	R2,52,53B
TBO (TBO) (TB1) TB1,2 (TB2) TB3,4 (TB4) TB5 TB6,7 (TB7) TB8,9	122E7 110D0 110E0 123B0 110E0 12380 110F0 123C0 123D0 123E0	SA1,00F RA6,10B RA6,11B SA1,01,02F RA6,12B SA1,03,04F RA6,13B SA1,10F AB1,0,3F RA6,14B AB8,7,11F
T8H T8I T8K	123E0 123F0 108F2 123G0	RA1,22F RA1,21F SA3,01B SA8,23F
T8L T8S0,1 T8S2,3	11347 123B2 123B2	SA6,34B SA1,51,52F SA1,53,54F
T8Y	130D5	SA5,51B
TC (TCO) (TC1) TC1 (TC2) (TC4) (TC7)	9960, 117E5, 123E2 110E7 111A0 123E2 111C0 111E0 111F0	R4,54B SA3,41B R6,44F RA7,00B RA7,01B SA8,02F RA7,02B RA7,03B RA7,04B
(TCA) TCA (TCB) TCB TCGA TCGB TCH TCHK TCK TCK1	105E5 123F2 105F5 123B3 123D5 123E5 123F5 123B7 123C7 123C7	S5,01B S2,12F S5,02B S2,13F RA4,33F RA4,34F RA1,31F SA8,54F RA7,50F RA1,41F
T0,1,2,4,7 (T0,1,2,4,7) T0-4 T4L T5-9 T5L	127B5 122D0 122D0 108F5 122B2 108E5	S5,40-44B RA3,50-54B RA3,40-44F RA3,40-44B SA3,10B RA3,50-54F RA3,50-54B SA3,04B
T'0,1,2,4,7	108F0	R1,30-34B

MASTER TEST FRAME CONNECTOR CKT

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

DESIG	LOCATION FS	LOCATION CARD
TEA	130C7	SA6,00B
TEN	132F0	SA4,53B
TER	124B0	S7,33F
TF0-2	124D0	S3,50-52F
TF4,7	124E0	S3,53-54F
TF'0	1060?	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	RA3,03,04B
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	125D0	S8,00F S8,00B
[TIA0-3]	119C2	S6,03,04,10, 11B
TIN	125G0	RA1,13F
[TIR]	131B2	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	120B7	S7,03B
TM2T	130E2	S7,02B
TM3T	120B7	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	12805	R0,40-44B
TOB	125E5	S2,20F
TOBS	125B7	S2,14F
TOG	12507	S7,34F
TOK	125E7, 131D5	S5,24F, SA5,21B
TOL	126B0	S3,24F
TP	126D0	R6,51F
TP'	126E0	R6,52F
TPO	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	12685	RA8,00-03F
TS4	126E5	RA8,04F
TS5	126B7	RA8,10F
TS6-9	126D7	RA8,11-14F
TS10-12	127B0	RA8,20-22F
TS13,14	127D0	RA8,23,24F
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	114D0	RA4,00F
TSQ1	114E0	RA4,01F
TSQ2	114F0	RA4,02F
TSQ4	114G0	RA4,03F
TSQ7	127E2	AB4,11F
TSR	122E2	SA7,42F
[TST]	112F5	S8,13B
TST	114D0, 127F2, 13080	RA4,00B, S8,01F SA4,44B
TSTI	124D5	RA5,02B
TT	127G2	S3,01F
(TT0)	114A0	R4,34B
TT0,1,2,4,7	127B5	S5,40-44F
TT'0,1,2,4,7	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	10300	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 VG2	99G7 115D2, 129D0	RA1,24B, RA1,30B, R1,21F R1,21B
VG3	117H0	RA1,31B
VG4	111D5	RA1,32B
VG4,7	129F0	R1,22,23F R1,22,23B
VG5 VG10	123F5 129B2	RA1,31B R1,24F R1,24B
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	131B0	SA6,01F
XCS	131C0	SA5,02F
XCW	131E0	SA5,54F
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
[XHGI]	132D7	SA6,03F
[XHGA]	134F5	SA5,53F
XHM	131D5	SA5,21F
XI	131F5	SA6,11F
XIC	103F2	SA7,22B
XICK	119E7	SA7,23B
XINI	104B2	SA8,40B
XIN2	105C0	SA8,41B
XIN3	105D0	SA8,42B
XJC	131B7	SA6,22F
XJG	131D7	SA6,23F
XJS	132B0	SA6,24F
[XL]	13300	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	13380	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
XT	133F5	SA5,31F
XTI	122E2	SA7,42B
XTS	133B7	SA6,12F
XTB	133C7	SA6,13F
XTBI	13480	SA6,20F
XTC	103C5, 13400	SA7,33B, SA5,34F
XTCI	13460	SA5,40F
XTG	13482	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, 13485	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	73A3
ANI TRANSVERTER CONNECTOR	ATVC	73A5
CALL DATA TRANSMITTER APPLICATION CKT	CDTA	73F5
OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT	OTTIC	73A7
PRETRANSLATOR (INCOMING REGISTER)	PRT(IR)	74G0
PRETRANSLATOR (INTERNATIONAL DIRECT DISTANCE DIALING)	PRT(IDDD)	74H0
PRETRANSLATOR (REGULAR)	PRT(REG)	74A1
TRANSLATOR ACCESS CKT	TA	74D1

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
2TR	135B4	
AO,1,2,4,7	135C4	
BO,1,2,4,7	135D4	
CO,1,2,4,7	135E4	
CKI	135A6	55D7
DO,1,2,4,7	135E6	SEE ATVC CKT
DNK	135F6	55D7
EO,1,2,4,7	135G6	
FO,1,2,4,7	135B8	SEE ATVC CKT
FUO,1,2,4,7	135D8	
GO,1,2,4,7	135F8	
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
VGIO	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
ITR		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		
GO,1,2,4,7	SEE ATV CKT	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		55A7
VFO-4	SEE ATV CKT	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	
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	
HMSI	136B1	
HNO-9	136C1	
ITR	136D1	
JO,1,2,4,7	136D1	
KO,1,2,4,7	136E1	
L7	136F1	
LTI	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	
NRDI	136C4	
OBS	136D4	
OC	136D4	
ODD	136D4	
OFFO-4	136E4	
PPSP	136C6	
RCDO,1	136F6	
RK3	136G6	
SLU	136C8	
SNG	136D8	
SOG	136D8	
SMPA	135D8	
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	
VGIO	137G4	
XII	137B6	

OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT (OTTIC)

DESIG	LOCATION FS	LOCATION CAD
LTR	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
HMSI	136B0	
HNO-9	136C0	103D2
ITR	136D0	
JO,1,2,4,7	136D0	
KO,1,2,4,7	136E0	
L7	136F0	
LT	136F0	
LTI,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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OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT (OTTIC)

DESIG	LOCATION FS	LOCATION CAD
RCD0,1	136F5	
RGC0	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	
SNG	136D7	
SOG	136D7	
SPC	136D7	
SPT0,1	136E7	
SPU0,1,2,4,7	136E7	
SW0,1,2,4,7	136F7	103D7
T0-9	136G7	103D2
TBK	136G7	
TBL	137A0	
TBY	137B0	
TFU0,1,2,4,7	137B0	
TGR	137C0	
TH0-9	137C0	103D5
TK	137D0	
TM2	137D0	103D0
TNK	137F0	
TNT0,1,2,4,7	137E0	
TNU0,1,2,4,7	137F0	
TOK	137F0	102B/E2
TPT	137G0	103D7
TR	137H0	103D7
TR2	137A2	102A/D3, 102B/E2
TRB1(2)		102A/B5
TRK		102B/E2
TRL	137B2	
TRS	137B2	102A/D3, 102B/E2, 103D7
TV	9D2	102A/B0
TVT	137C2	
U0-9	137D2	103D2
VF0-4	137E2	103D7
VG0,1,2,4,7	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	
LK1	135D6	
TR	136E6	
TR1	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
A0,1,2,4,7	135C4	25B/D7, 25C/E0
B0,1,2,4,7	135E4	25B/D7, 25C/E0
C0,1,2,4,7	135F4	25B/D7, 25C/E0
CM3	135B6	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	136D6	25B/D7
RGC0	136G6	
RLK	136H6	25B/D7
SD	136C8	25B/D7, 25C/E0
TR2	137A4	25B/D7, 25C/E0
TRS	137B4	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	
FT0-5	135F6	
FUA0-4	135E9	
GC	135F8	
OF	136E4	
OVG	136B6	
RPT	136B8	
SC	136C8	
TGR	137C1	
TNK	137E1	
TPT	137G1	
TVT	137C4	
VF0-4	137F4	
VGA0-5	137G4	
XET	137C6	
XTL	137D6	
XVF	137D6	
XVG	137E6	

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CIRCUIT TITLE	ABBR	CKT LEAD INDEX LOC
AMA RECORDER	AMAR	75A3
AMA TRANSLATOR	AMAT	75A6
ANI TRANSVERTER	ATV	75F6
ANI TRANSVERTER CONNECTOR	ATVC	76A0
APPLIQUE CKT FOR COMPARING COMPLETING MARKER ROUTE RELAY CROSS CONNECTIONS	AC	76A2
AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR	AIODT	76C2
AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR	AIOD-TC	76G2
AUTOMATIC MONITOR REGISTER SENDER TEST	MON	76A3
AUTOMATIC PROGRESSION TRUNK TEST	APTT	76E8
AUTOMATIC RANGE EXTENSION TEST	ARET	77G3
BILLING DATA TRANSMITTER	BDT	77D7
BILLING INDEXER	BI	77F7
CALENDER AND CLOCK CKT	C&C	78A0
CALL DATA TRANSMITTER APPLICATION	CDTA	78D0
CALL WAITING LINK	CWL	78E3
CAMA TRANSVERTER	CTV	78G3
CAMA TRANSVERTER CONNECTOR	CTVC	79A1
COMPLETING MARKER	CM	79C1
COMPUTER LINE VERIFICATION ACCESS	CLVA	80C8
DIAL TONE MARKER	DTM	81A1
DIRECT ACCESS PRETRANSLATOR CONNECTOR	DAPC	81G5
DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS	DAS	81A6
ETS POWER AND DATA INTERFACE	ETSPD	81H6
FOREIGN AREA TRANSLATOR CONNECTOR	FATC	82D0
INCOMING REGISTER	IR	82E0
INCOMING REGISTER MARKER CONNECTOR-MARKER PART	IRMC-MP	82E0
INCOMING REGISTER MARKER CONNECTOR-REGISTER PART	IRMC-RP	82F0
INCOMING REGISTER TEST	IRT	82G0
INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION	INTF	82A1
JACK,LAMP AND KEY	JLK	82F1
JACK,LAMP AND KEY CKT FOR ACD	JLK-ACD	82G1
LINE INSULATION TEST	LIT	82H1
LINE,LINE LINK AND CONNECTOR	L,LL&C	82D3
LINE LINK CONNECTOR	LLC	82E3
LINE LINK MARKER CONNECTOR	LLMC	82G3
LINE VERIFICATION	LV	82A5
MASTER TEST CONTROL	MTC	82D8
MASTER TIMING	MT	85A0
MINI-ROTL INTERFACE CKT	NROTL	85G1
NUMBER GROUP CONNECTOR	NGC	85A2
ORIGINATING REGISTER	OR	85C2
ORIGINATING REGISTER MARKER CONNECTOR-MARKER PART	ORMC-MP	85D2
ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART	ORMC-RP	85F2
OUTGOING SENDER	OS	85G2
OUTGOING SENDER CONNECTOR-MARKER PART	OSC-MP	85A3
PRETRANSLATOR	PRT	85D3
PRETRANSLATOR CONNECTOR	PRTC	85D5
PRETRANSLATOR CONNECTOR-ORIGINATING REGISTER PART	PRTC-ORP	85F5
PROGRAM CONTROLLED TRANSVERTER (ANI AND/OR CAMA)	PCTV	85G5
PROGRAM CONTROLLED TRANSVERTER (CAMA ONLY)	PCTVC	85D6
RECORDER AND RECORDER CONTROL CKT	RRC	85E6
REMOTE OFFICE TEST CONTROL	ROTC	86A0
REMOTE OFFICE TEST LINE	ROTL	86C0
REMOTE OFFICE TEST LINE REGISTER	ROTR	86F2
REMOTE OFFICE TEST LINE-TRUNK MAKE BUSY CKT	ROTL-TMB	86D7
REMOTE SWITCH SIGNAL CONTROL CKT	RSSC	86F7
ROUTE DISTRIBUTOR	RD	86F7
ROUTE TRANSLATOR	RT	86C8
ROUTE TRANSLATOR CONNECTOR	RTC	87C1
SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING	AIS-SC	87D1
SENDER TEST	ST	87E1
STUCK SENDER TRUNK IDENTIFIER	SSI	87C2
TEST CONNECTOR CKT FOR ACD	TCC	87A3
TRANSFER LINE LINK MARKER CONNECTOR	TLLMC	88A0
TRANSFER REGISTER MARKER CONNECTOR-MARKER PART	TRMC-MP	88C0
TRANSFER REGISTER MARKER CONNECTOR-REGISTER PART	TRMC-RP	88D0
TRANSFER TEST REGISTER	TTR	88E0
TRANSFER TRUNK	TRT	8803
TRANSFER TRUNK LINK	TTL	88F3
TRANSFER TRUNK LINK CONNECTOR	TTLC	88G3
TRANSLATOR ACCESS CKT	TA	88A5
TRANSLATOR ADMINISTRATION AND TEST	TAT	88G5
TRANSVERTER	TV	88D6
TRANSVERTER CONNECTOR	TVC	89E2
TROUBLE RECORDER CONNECTOR	TRC	89A3
TROUBLE RECORDER CONTROL AND TEST	TR	9CA0
TRUNK CONTROL CKT	TC	89C3
TRUNK LINK	TL	89E5
TRUNK LINK CONNECTOR	TLC	89G5
TRUNK TEST	TT	89A6
WADS LINE CONCENTRATOR NO 2A	WC	89C6
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	8780,C0
DTN	174D4	8780,C0
E'0,1,2,4,7	147G4	88C0,F0
F'0,1,2,4,7	148D1	88C0,F0
HR1	151C6	8780,C0
IPA	151B6	8780,C0
LC	176F1	8780,C0
ONL	2F6	87H0
OTO	151C6	8780,C0
P	176B6	88E3,F0
PI	174D6	88E3,F0
PAK	175C4	8780,C0
PT	176E6	88E3,F0
PTI	175G1	88E3,F0
PTL	176C1	88E3,F0
RC(-)	21B2	67B3-F3, D8-F8,6800-F0,87E0,95D1
RCCK	11F5	67B3-F3, D8-F8,6800-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	1904	
TBLO	19G4	
TC1	21B1	
TCN0-9	143E6	
TCN10-15	143G6	
TCN16-19	143D9	
TNR	176C1	
TRB	14C2	6783-F3, D8-F8, 6800-F0, 87E0,95D1
TRCA	28A8	6783-F3, D8-F8, 6800-F0, 87E0,95D1
TRCB	28A8	6783-F3, D8-F8, 6800-F0, 87E0,95D1
TRCC	2888	6783-F3, D8-F8, 6800-F0, 87E0,95D1
TRST	1B/B0-83	6783-F3, D8-F8, 6800-F0, 87E0,95D1
TV	151H4	88E3,F0
U0	148G4	87E4,E7
U1	148B6	87E4,E7
U2	148D6	87E4,E7
U4	147B6	87E4,E7
U7	158F6	87E4,E7
XPI	173D9	8780,C0
XTI	173B9	8780,C0
XTC	176F4	88E3,F0
XTL	176D6	8780,C0
XTP	173D9	
XUI	161C9	8780,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	145B6	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 TRANSLATOR (ATV)

DESIG	LOCATION FS	LOCATION CAD
1TR	139C1	SEE MTC CKT
2TR	139B4	
A0,1,2,4,7	139F9	SEE MTC CKT
C0,1,2,4,7	141C6	
CI	1A/C0	53D6,G6
CK1	176G4	55D7
CMB	145G4	
D0,1,2,4	146E1	SEE MTC CKT
D7	146F1	
DIST	146F6	55D3
DNK	17689	55D7
E0,1,2,4,7	147E4	SEE MTC CKT

ANI TRANSVERTER (ATV)

DESIG	LOCATION FS	LOCATION CAD
F0,1,2,4,7	148C1	SEE MTC CKT
FT0-3	149C6	
FU0,1,2,4,7	150E1	
G0,1,2,4,7	150C6	
GC	175C9	
H7	151D1	
HN0-4	151B9	55D3
HN5-9	151F9	55D3
MB	9H3	53E6,G6
MB1	9H3	53E6,G6
MC	156D4	55G7
MOA	156C6	55D7
NOB	158B1	55D7
OBS	158C6	55D7
OFF0-2	154F4	55A0,D3
OFF3,4	157G4	55D3
OFF5	157B6	55D3
OFF6-9	157D6	55A0
OFT0	157E6	55D3
OFT1,2	157G6	55D3
P	17686	55F7
PT	176E6	55F7
RCCK	11F5	53D6,G6
RL	155G1	
RLA	162H4	55F7
RPT	17289	SEE MTC CKT
SC	164C6	
T0-4	166C1	55D3
T5-9	166F1	55D3
TGR	174E4	55D7

ANI TRANSLATOR (ATV)

DESIG	LOCATION FS	LOCATION CAD
TH0-4	151G6	55D3
TH5-9	151D9	55D3
TIK	168G6	55F7
TM	6F5	SEE MTC CKT
TM2	16409	55D3
TNK	174B9	55A3
TOP	169G4	55F7
TPT	172F6	SEE MTC CKT
TR	152E4	
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	
TVTA0	8E4	53G6
TVTA1	8E1	53E6
U0-9	171B4	55D3
VG0,1	172F1	SEE MTC CKT
VG2	172H1	
VG4,7	172C4	
VG10	172D4	
X	173B6	55D7
XET	156F6	55D7
XRL	155C9	55F7
XTL	164C4	55D7
XVF	141B4	55D3
XVG	142F4	55F7

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DESIG	LOCATION FS	LOCATION CAD
ANI TRANSVERTER CONNECTOR (ATVC)		
1TR		55A7,9884
2TR		55A7,9884
A0,1,2,4,7	SEE ATV CKT	55A0,9884
B0,1,2,4,7		55A0,9884
C0,1,2,4,7		55A0,9884
CK1		9884
CM8		9884
CNO,1	143F4	98F0
CNG	27G3	54E7,G7
D0,1,2,4,7	SEE ATV CKT	55A0,9884
DIST		9884
DNX		9884
E0,1,2,4,7		55A0,9884
F0,1,2,4,7		55A0,9884
FR0	148B9	98F0
FRG	27F8	54E7,G7
FT0-3		55H3,9884
G0,1,2,4,7	SEE ATV CKT	55A0,9884
GC		55A7,9884
H7		55A0,9884
HG0,1,2,4,7		55A7
HN0-9		9884
MC		9884
MOA		9884
N0B	SEE ATV CKT	9884
OBS		9884
OF0-9		9884
OT0-2		9884
P		9884
PI		9884

DESIG	LOCATION FS	LOCATION CAD
ANI TRANSVERTER CONNECTOR (ATVC)		
RL	SEE ATV CKT	55E7,9884
RLA		9884
RPT		55A7,9884
S0-9	28H3	98F0
SC		55H3,9884
SE		54E7,G7
SW0,1,2,4,7	15184	55A7,9884
T0-9		9884
TGR		9884
TH0-9		9884
TIK		9884
TM		54E7,G7
TM2	SEE ATV CKT	9884
TNK		9884
TOP		9884
TPT		55A7,9884
TR		55E7,9884
TRA	SEE ATV CKT	9884
TRIT		55A7,9884
TRL		9884
TRS		55A7,9884
TTT		9884
TVT		54F7,G7
U0-9	17ID6	9884
VF0	17IE6	55A7,9884
VF1-4		55A7,9884
VG0,1,2,4,7		55H3,9884
10		
X	SEE ATV CKT	9884
XET		9884
XRL		9884
XTL		9884
XVF		9884
XVG		9884

DESIG	LOCATION FS	LOCATION CAD
APPLICATION CKT FOR COMPARING COMPLETING MARKER ROUTE RELAY CROSS CONNECTIONS (AC)		
TG5	167E9	
TG6-9	16881	
TG10-14	16BC1	
TG15-19	16801	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR (AIODT)		
G0-19	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	14666	101D6
TLR6	1423:	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	14304	101D6
TLR18	157E9	101D6
TLR19	161D9	101D6
TLR20	161E9	101D6
TLR21	14586	101D6
TLR22	164F4	101D6
TLR23	14086	101D6
TLR24	168E9	101D6
TLR25	167H4	101D6
TLR26	159D6	101D6
TLR27	171C1	101D6
TLR28	157C4	101D6
TLR29	157D4	101D6

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR (AIOD-TC)		
GG	28D8	53C6,E6, 10186,152D4, D7
TRG-	28F8	53C6,E6, 10186,152C7, D4

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
2DT	139F0	
2W	139D2	
4W	139C5	
11	139C7	
A0,1,2,4,7	139E7	738/83
A'0	140B0	738/83
A'1	140C0	738/83
A'2	140D6	738/83
A'4,7	140E0	738/83
AMA	140E5	
AOT	140G5	
ARO,1	140G5	
AR2,4,7	140H5	
AVKI	140E7	
B0,1,2,4,7	140G7	738/83
B'0,1,2,4,7	141B0	738/83
BR0,1	141F0	738/83
BR2,4,7	141G0	738/83
C0,1,2,4,7	141C5	738/83
C'0,1,2,4,7	141E5	738/83
CD0	141B7	738/83
CD1	141D7	738/83
CD2	141E7	738/83
CD4	141F7	738/83
CD7	141G7	738/83
CD10	160H3	738/83
CD15	161C0	738/83
CD'0	162B5	738/A3
CD'1	161D3	738/A3
CD'2	176D0	738/A3
CD'4	158C3	738/A3
CD'7	142G5	738/A3
CD'10	162C4	738/F0
CD'15	140C9	738/F0
CDA0,1	147D5	738/F0
CDA2,4,7	147E5	738/F0
CDA'0,1,2,4	147H5	738/F0
CDA'7	147B7	738/F0
CDP0,1,2,4	142C0	738/F0
CDP7,10,15	142D0	738/F0
CDP'0,1	142E0	738/F0
CDP'2,4,7	142F0	738/F0
CDP'10,15	142F1	738/F0
CI	1F/C7	738/E0

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
CL1	143C0	
CL2	143D0	
CL3	143F0	
CL4	143G0	
CL5	143H0	
CL6	143B2	
CL7	143C2	
CL8	143C2	
CP0	144E0	
CR	144G0	
CR0,1,2,4,7	144H0	
D	146D0	
D0,1,2,4	146E0	
D7	146F0	
D'0,1,2,4,7	14632	738/83
DAT	146C2	738/83
DCK	14680	738/83
DCT	146F2	738/80
DL1-5	142C7	738/80
DL6	146G5	738/80
DR0-9	2680, 146F7	738/80
DRT0,1	2680	738/80
DTF	147F0	738/80
E0,1,2,4,7	147E2	738/B3
E'0,1,2,4,7	147G2	738/B3
EF0,1,2,4	147H7	738/B3
EF7	147B7	738/B3
F0,1,2,4,7	148B0	738/B0
F'0,1,2,4,7	148D0	738/B0
FAC	148F0	738/B0
FAK	148H0	738/B0
FBK	148B2	738/B0
FG0	148G2	738/B0
FGI	14885	738/B0
FG2	148C5	738/B0
FS0-2	149B0	738/C0
FS3,4	149C0	738/C0
FS5-9	149D0	738/C0
FS10-14	149E0	738/C0
FS15-19	149F0	738/C0
FS20,21	149G0	738/C0
FS22-26	149B2	738/C0
FS27-29	149C2	738/C0
FT0-3	149C5	
FU0,1,2,4,7	150D0	
FV0	150F2	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
G0,1,2,4,7	150B5	SEE MTC CKT
G'0,1,2,4,7	150D5	738/83
H0,1,2,4	151B0	SEE MTC CKT
H7	151C0	SEE MTC CKT
H'0,1,2,4,7	151E0	738/83
HG0,1,2,4,7	151B2	
HMSI	151E5	
HT0,1,2,4,7	152C0	
INC	152C2	SEE MTC CKT
J0,1,2,4,7	152B5	
J'0,1,2,4,7	152C5	738/83
K0,1,2,4,7	153B5	SEE MTC CKT
K'0,1,2,4,7	153C5	738/83
L0,1,2,4	153F5	SEE MTC CKT
L7	153G5	SEE MTC CKT
L'0,1,2,4,7	15387	738/83
LC0-9	15480	738/80
LI0	154H2	738/80
LR	155G0	
LRI	155C2	
LT	164C7	
LTI	155F2	
LT2	155G2	
LT3	155H2	
M0,1,2,4	156B0	738/E3
M7	156C0	SEE MTC CKT
M'0	156D0	738/E3
M'1,2,4	156E0	738/E3
M'7	156F0	738/B3
MII	156C1	738/A5
MF	156E2	SEE MTC CKT
MON	156C5	SEE MTC CKT
MTRI	12C8	738/F0
N7	157G0	738/E3
N'7	157G0	738/E0
NDK	157D3	
OA	158H3	
OB	158B5	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
ON	2A1	738/F0
OR	15980	
PCD	160E3	
PCD1	160F3	
PCR	16085	
PD	160C5	
PHC	160F5	
PK	16065	
PKI	16087	738/F0
PS	161G0	
RIK	162F0	
RO	16207	
RP	163G0	
SCK	164E5	
SCN	164F5	
SCT	164G5	
SPL	157D7	
SRT	147C0	
STR	3B0	738/F0
STRI	3C8	
STRA	308	
STRC	308	
TAN	166C3	
TANI-4	166E3	
TCA	167G0	
TCB	16783	
TCC	167C3	
TFO,1,2	167F5	
TF4	167H5	
TF7	16786	
THC	16885	
THTO,1	168C3	
THT2,3	168C5	
TLR29	157D3	
TOL	169F3	

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC MONITOR REGISTER SENDER TEST (MON)		
TP	16985	SEE MTC CKT
TRA	10E3	738/C0
TRB	1408	738/F0
TRB1	1408	738/F0
TRC	1248	738/F0
TRST	1F/C7	738/F0
TST	170F5	
TT	170G5	
TTO,1,2,4,7	170C7	
U'0	171D5	
U'1,2,4,7	171F5	SEE MTC CKT
UT0,1,2,4,7	171C5	
VF0	171D5	
VF1-4	171F5	
VG0,1	172F0	
VG2	172H0	
VG4,7	172C3	
VG10	17203	
WAT	172F7	73A/H7
WDTF	173E3	73A/H7
WDTI	173F3	73A/H7
X11	17480	SEE MTC CKT

DESIG	LOCATION FS	LOCATION CAD
AUTOMATIC PROGRESSION TRUNK TEST (APTT)		
2DT	139F0	
2W	13902	
4W	139B5	
11	139C7	SEE MTC CKT
A0,1,2,4,7	139E7	7287
AKT	488	
AL	14005	
ALT	14005	SEE MTC CKT
AMA	140E5	
AMKS	7F6	7207
ATKT	140C9	SEE MTC CKT
ATP	1E/D6	7207
B0,1,2,4,7	140G7	SEE MTC CKT

MASTER TEST FRAME CONNECTOR CKT

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AUTOMATIC PROGRESSION TRUNK TEST (APTT)

DESIG	LOCATION FS	LOCATION CAD
BT	141E2	SEE MTC CKT
CO,1,2,4,7	141C5	SEE MTC CKT
CONK	142B0	104D7
CGA	142B2	
CGB	142B2	
CIB	5D7	SEE MTC CKT
CKG1	142D7	
CKR	142G7	
CKR1	143B0	
CN	143E2	104D7
CRU0	144C2	
CRU1	144D2	
CRU2	144F2	
CRU4	144G2	
CRU7	144H2	
CSG1	144D7	
CSG2	144E7	
CTA0,1,2	145E2	
CTA4,7	145F2	
CU0	145C5	
CU1	145E5	
CU2	145G5	
CU4	14587	
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	

DESIG	LOCATION FS	LOCATION CAD
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	14907	
FTCK	149E7	
FU0,1,2,4,7	15000	
G0,1,2,4,7	150B5	
GPA	14007	
GPB	150G5	
H0,1,2,4	15180	
H7	151C0	
HG0,1,2,4,7	15182	
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	SEE MTC CKT
LK3	154E5	
LT	164C7	
LTI	155F2	
LT3	155H2	
MKT(-)	7E6	104D7
MO1	156B5	
MRL	156G5	
MT1K	15687	
MT2K	156D7	
MT5	156E7	SEE MTC CKT
MT7K	156C7	
MT8K	157B0	
MT9K	157B0	
MT10K	157C0	

DESIG	LOCATION FS	LOCATION CAD
MT12	157C0	SEE MTC CKT
MT57	157D0	SEE MTC CKT
MTL	7C9	72B7
NDT	157E2	
NH	140G2	SEE MTC CKT
NOB	15880	
OA	158G2	104D7
OB	15885	104D7
OR	15980	
OSC	159E0	SEE MTC CKT
OTT	159D5	
OV	159E5	
PCD	160E3	104D7
PCD1	160G3	104D7
PCR	16085	SEE MTC CKT
PHC	160F5	104D7
PK	160G5	
RA	161F3	
RA4	144G2	
RB3	144C2	
RB4	144H2	
RBT	161F3	
RBT1	16163	
RC	16163	
RC3	144D2	
RCT	16185	
RCT1	161C5	SEE MTC CKT
RD3	144F2	
RDG	16300	
RP	163G0	
SO-9	164G3	
SBT	16485	
SCK	164E5	
SRT1	165C5	
TAN1-4	166E3	
TB	166G3	
TBT	16700	
TCA	167G0	
TCB	16783	
TCC		104D7
TDCT	167C5	SEE MTC CKT
TF0,1,2	167F5	
TF4	167H5	
TF7	16788	
THC	168B5	104D7

DESIG	LOCATION FS	LOCATION CAD
THT0,1	168C8	
THT2,3	168C5	
TI	6H1,168E6	
TM	6C0	
TMK	169C0	
TMK1	169D0	SEE MTC CKT
TOL	169F3	
TP	16985	
TRK	13900	
TRL	169G0	
TRL1	169H5	
TRL2	16987	
TS	6G8	72D7
TS0-3	17000	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	17065	
TT0,1,2,4,7	170C7	
TTC	170C7	
TTC1	17007	
U'0	17005	
U'1,2,4,7	170E5	
UT0,1,2,4,7	171C5	
VF0	17105	SEE MTC CKT
VF1-4	171E5	
VG0,1	172F0	
VG2	172H0	
VG4,7	172C3	
VG10	172D3	
X11	17480	

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD
2W	13902	10800
A0,1,2,4,7	139E7	10800
ARET	2485	10800
ARET1		10800
ASK	140C7	10800
B0,1,2,4,7	140G7	10800
BT	141E2	10800
BY	173H5	10800
CO,1,2,4,7	141C5	10800
CGA	14282	10800
CGB	14202	10800
CI	1E/02	10800
CIB	507	10800
CIK	142G5	10800
CKG1	14207	10800
CRU0	144C2	10800
CRU1	144D2	10800
CRU2	144F2	10800
CRU4	144G2	10800
CRU7	144H2	10800
CSG1	144D7	10800
CSG2	144E7	10800
CTA0	145F2	10800
CTA1,2	145E2	10800
CTA4,7	145F2	10800
CU0	145C2	10800
CU1	145E5	10800
CU2	145G5	10800
CU4	14587	10800
CU7		10800
D7	146G0	10800
DCT	146F2	10800
DIS	146C5	10800
DIS1	146E5	10800
EXT	147F7	10800
FM	148F5	10800
FT0-3	149C5	10800
FTC	14907	10800
FTCK	149E7	10800
FU0,1,2,4,7	15000	10800
HG0,1,2,4,7	151B2	10800
JSQ0	153B2	10802
KJSQ	153D5	10802
LHMT	154F2	10802
LK2	154D5	10802
LK3	154E5	10802
LL0,1	16883	10802
LL2,4	168D3	10802
LL7	154F5	10802
LOLL	155E0	10802
LT	164C7	10802

DESIG	LOCATION FS	LOCATION CAD
MKS	7F5	10802
MKT(-)	7E5	10802
MO1	15685	10802
MRL	156G5	10802
MT1K	156C7	10802
MT4K	156E7	10802
MT7	156F7	10802
MT8K	15780	10802
MT9K	15780	10802
MT10K	157C0	10802
NOB	15880	10802
NTB	158C3	10802
NTH	15803	10802
ON	2E1	10802
OR	15980	10802
PK	159G5	10802
RA4	144G2	
RB3	144C2	SEE MTC CKT
RB4	144H2	
RBT	161F3	10802
RBT1	161G3	10802
RC3	144D2	SEE MTC CKT
RD3	144F2	SEE MTC CKT
REP	1E/02	10802
RK	162C3	10802
RP	163G0	10802
SCK	164E5	10802
SP	15G3	10802
SPC	15H3	10802
STP1	16587	10805
STP2	16507	10805
STR	3E0	10805
STR1	3C8	10805
STR2	3C7	10805
STRA	3D7	10805
TB	166G3	10805
TCH0-4	167E3	10805
TCH5-9	167F3	10805
TCHK	167G3	10805
TDCT	167C5	10805
TI	6G1,168E6	
TM	680	10805
TR8	1488	10805
TRB1	1488	10805
TRC	1288	10805

AUTOMATIC RANGE EXTENSION TEST (ARET)

DESIG	LOCATION FS	LOCATION CAD
TRK	13900	10805
TRL	16965	10805
TRLA	174F5	10805
TRMF	16989	10805
TRST	1E/02	10805
TS	6E8	10805
TSE1	17085	10805
TSE2	17085	10805
U'0	171D5	SEE MTC CKT
VF0	17105	10805
VG4,7	172C3	10805
0A	140G2	
0B	144C2	SEE MTC CKT
0C	144H2	
7	14660	10800
7B1	161F3	10802
7B1I	161G3	10802
B0,1,2,4	150G1	13183
B7	172F4	13183
C0,1,2,4	172F4	13183
C7	172G4	13183
CLF	159C4	13183
D0,1,2,4,7	151D4	13183
E0,1,2,4,7	171G6	13183
ENC0	159D4	13183
ENC1	159E4	13183
F0,1,2,4	147H6	13183
F7	14789	13183

BILLING DATA TRANSMITTER (BDT)

DESIG	LOCATION FS	LOCATION CAD
A0	149E6	13183
A1	14966	13183
A2	149B9	13183

BILLING INDEXER (BI)

DESIG	LOCATION FS	LOCATION CAD
CK	167E4	90D3
ECO	13986	90D3
ECI,2	147G4	90D3
ITTR	152G4	90D5
MBI0,1,2,4,7	17089	90D5
MBK	173G4	90D3
QIN0,1,2,4,7	144H1	90D5
QITO-2	141F1	90D5
QRT0,1	140G6	90D3
QRU0,1,2	140H6	90D3
QRU4,7	141F1	90D3
OTK	153D4	90D3
PRL	142C4	90D5
RG0	16086	90D5
RG1	160D4	90D5
RG2	160F4	90D5
RG4,7	141G6	90D5
ROP	14284	90D5
ROP1	173C1	90D3
RSG1,2	173D1	90D3
RSG3	173G6	90D3
TC	173C1	90D3
TRT0,1,2,4	166D4	90D3
TRT7	166F4	90D3
TRU0	139D4	90D3
TRU1,2,4	167F6	90D3
TRU7	167G6	90D3
TS	147F1	90D3
TTK	166E9	90D3
VTC	173B1	90D3

BILLING INDEXER (BI)

DESIG	LOCATION FS	LOCATION CAD
2L	142E4	90D5
4L	167C4	90D5
ABX	172F9	90D3
ATO,1	155F4	90D3
AT2	155G4	90D3
B8FC	147B1	90D3

MASTER TEST FRAME CONNECTOR CKT

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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)		
A0,1,2,4,7	139E9	
AG	29G/B5	153D1
AIOD	165G1	
B0,1,2,4,7	140E9	
BG	29G/B5	153D1
C0,1,2,4,7	141D6	
CCSP	168F4	
CG	29G/B5	153D1
CGA	162C6	
CGB	162D6	
CGG	29G/B5	153D1
CK	176H4	
CKG	144C6	
CT0,2,4	144E1	
CT1,7	144F1	
CTG	29G/B5	153D1
CU0,1,2	156B4	
CU4,7	156C4	
CUG	29G/B5	153D1
D0,1,2,4	146F1	
D7	146G1	
DG	29G/B5	153D1
DUAL	158D9	
E0,1,2,4,7	147E4	
ECT0-2	147G6	
ECTG	29G/B6	153D5
ECU0,1	147D6	
ECU2,4,7	147E6	
ECUG	29G/B6	153D5
EG	29G/B5	153D5
EVN	16484	
F0,1,2,4,7	148B1	
FG	29G/B5	153D1
FG0	148G4	
FG1	148B6	
FG2	148D6	
FN	144B9	
FNA	144B9	
FNB	144C9	
FNG	29G/B6	153D5
FT0-3	149D6	
FTG	29G/B6	153D5
FU0,1,2,4,7	150E1	
FUG	29G/B6	153D5
G0,1,2,4,7	150B6	
GA-GH	29G/B5	153D1
GJ-GL	29G/B5	153D1
GM	29G/B5	
H0,1,2,4	151B1	
H7	151C1	
HG	29G/B5	153D1
HMS1	144F6	
HN0-4	151B9	
HN5-9	151C1	
HNG	29G/B6	153D5
ITR	144G6	
J0,1,2,4,7	152B6	
JG	29G/B5	153D1
K0,1,2,4,7	153B6	
L7	153G6	
LT	164C9	
LT1	170G6	
LT2	139E1	
LT3	150F4	
MT	164E1	
MT0,1	162E6	
MTG	29G/B6	153D5
MTK	164F1	
MU0,1,2,4,7	159D1	
N0B	158B1	
NR00	142D4	
NR01	167D4	
NRG	29G/B6	153D5
OBG	29G/B6	153D5
OBS	158D6	
OC	165B4	
ODD	164G1	
OEG	29G/B6	153D5
OFF0-2	157E4	
OFF3,4	157H4	
OFF5	157B6	
OFF6-9	157C6	
OFFG	29G/B6	153D5
OFT0	157F6	
OFT1,2	157G6	
OFTG	29G/B6	153B5
PPSP	168E4	
RCC0	142B4	
RCD1	142D4	
RCG	29G/B6	153D5
RK3	144E6	
SLU	173H4	
SMPA	169C4	
SNG	141F4	
SOG	144F6	
SPT0	161D1	
SPT1	145B1	
SPTG	29G/B6	153D5
SPU0,1,2,4,7	165F4	
SPUG	29G/B6	153D5
T0-4	166D1	
T5-9	166G1	
TBK	144D6	
TBL	176B1	
TBY	167E1	
TF0,1,2	167E6	
TF4	167G6	
TF7	16789	
TFT0-2	150H1	
TFTG	29G/B6	153D5
TFU0,1,2,4	172F4	
TFU7	172H4	
TFUG	29G/B6	153D5
TG	29G/B6	153D5
TH0-4	151H6	
TH5-9	151E9	
THG	29G/B6	153D5
TK	174B6	
TM2	164E9	
TMG	29G/B6	153D5
TNT0,1,2,4,7	151D4	
TNTG	29G/B6	153D5
TNU0,1,2,4,7	171G6	
TNUG	29G/B6	153D5
TRL	174F6	
U0-9	171B4	
UG	29G/B6	153D5
VG0,1	172E1	
VG2	172G1	
VG4,7	17284	
VG10	172C4	
VGG	29G/B6	153D5
X11	174B1	
CALL WAITING LINK (CWL)		
CRS	144B4	114B5
HMS	151D6	114B5
SXF	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
A0,1,2,4,7	139F9	86C7
A'0	140B1	86G2
A'2	140D1	86G2
AC	144D6	86B2
ACD	140F6	86B2
AD	140B4	86B2
B0,1,2,4,7	140G9	86G2
B'0,1,2,4,7	141B1	86G2
BIO	147G1	86B2
BII	146D4	86B2
BIRA	16484	86B2
BY	173H6	86C5
C	141B6	86G2
C0,1,2,4,7	141C6	86C7
C'0,1,2,4,7	141E6	86G2
CC0-4	150C4	86B2
CC5-9	150D4	86B2
CC8,9	150F4	86B2
CI	1A/C5	86G0
CII	174E9	86C5
CIIT-CI4T	142E6	86C5
CI2	17584	86C5
CI3	174C1	86C5
CI4	174E1	86C5
CIFA	175B1	86C5
CIFAT	142F6	86C5
CK	175E6	86C5
CKI	176G4	86A5
CK2	17484	86A5
CKG	17589	86C5
CP1,7	144F1	8682
D0,1,2,4	146E1	86C7
D7	146F1	86C7
D'0,1,2,4,7	14684	86G2
DIST	146F6	86G7
DNC	14689	8682
DS	176G6	86G2
DTK	147C4	86C5
DTKA	147C4	86G2
DTN	174C4	86G2
E0,1,2,4,7	147E4	86F5
E'0,1,2,4,7	147F4	86G2
EXT	147E9	86C5
F0,1,2,4,7	148C1	86F5
F'0,1,2,4,7	148C1	86G2
FC	14884	8682
G	144F6	8682
G0,1,2,4,7	150C6	86F5
GC	17589	86C5
H0,1,2,4	151B1	86F5
H7	151D1	86F5
IC	175D4	86C5
ICK	152G1	86G2
IE	164C4	8682
IR	152D4	86G2
IRY	174D9	86C5
ITTR	152G4	8680
J0,1,2,4,7	152B6	86F5
K0,1,2,4,7	153B6	86C5
L	162G4	
LCD0,1	154C1	8682
LCD2	154D1	8682
L00	165D4	8682
L01	161G1	8682
LST	154E4	8682
MB	9G3	8660
MBI0,1,2,4,7	17089	8680
MC	156D4	86C5,E5
MOA	156C6	86C5
NL00	152B4	8682
NL01	157E9	8682
NMB0	169F6	8682
NMB1	152G4	8682
NMF	154H1	8682
NMK	144C9	8682
NOB	158B1	86C5
OA0,1,2,4,7	150C6	8682
OAR0	143D1	8682
OAR1	143E1	8682
OAR2	143F1	8682
OB0,1,2,4,7	151E1	0682
OBS	158C6	86C5
OC0,1,2,4,7	152C6	8682
OD	158G6	8682
OD0,1,2,4,7	153D6	8682
OE0,1,2,4,7	15389	8682
OF0	156D1	8682
OF1,2,4	156E1	8682
OF7	156F1	8682
OG0,1,2,4	150B9	8682
OG7	150C9	8682
OIK	144B9	8682
OINC,1,2,4,7	144H1	8680
OIT0-2	141F1	8680
OP1	175C1	86C5
ORC0	158B4	8682
ORC1	157F9	8682
ORC2	151F1	8682
P	17686	8662
P1	174C6	8662
P2L	164E1	8682
P4L	164F1	8682
P5	159E9	86C5
P5L	164G1	8682
PA	160E1	8662
PRL	142C4	8680
PRLK	144D9	8682
PRLT	161D1	8682
PT	176D6	8662
PT1	175F1	8662
RA1		86F5
RA2		86F5
RA3		86F5
RB	161F4	86C5
RCCK	11F5	8660
RCI	21A1	8660
RD	175D9	8662
RDL	161C9	8662
REO	165G4	8682
RE1	162B1	8682
RG0	160B6	8680
RG1	160D4	8680
RG2	160F4	8630
RG4	141G6	8680
RG7	141G6	8680
RGK	144E6	8682
RK	174B6	86C5
RL	155G1	86C5,E5
RL1	155C4	8682
RLA	16264	06C5
RNO,1,2	162F6	86F5
RN4,7	162H6	86F5
RNA	21A2	8680
ROP	14284	8690
ROPT	163E1	8682
RSTO-9	143D6	86A5
SC	164C6	86C5
SK0	165D1	8682
SK1	155C1	8682
T4L	144H6	8682
T5L	144G6	8682
TAR0	143H1	8682
TAR1	14384	8682
TAR2	143C4	8632
TAR3	143C4	8682
TBL	17681	8662
TC	14484	8682
TC1	1A/C4	
TCT	16786	8662
TEA	175C9	86C5
TET	167E6	86C5
TI0-3	168E6	8682
TIA0-3	16384	8682

MASTER TEST FRAME CONNECTOR CKT

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LEAD INDEX FOR TABLE IE

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER (CTV)		
TIC	168E6	86C5
TIK	168F6	86C5
TM	6E5	86F0
TM1	173C8	86G7
TM2	164D9	86G7
TM2T	173C8	86G7
TM3T	164D9	86G7
TNR	176B1	86C5
TOK	176E1	86C5
TR--	152F4	86A5,85
TRA	169E6	86C5
TRB	13C8	86G0
TRIT	148D4	86B2
TRL	174E6	86C5
TRS	16909	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	8682
WKC	173C6	8682
X2P	141E4	86C5
XCK	168G6	86C5
XICK	173B4	86G7
XIN1	146G4	86B2
XIN2	14686	86B2
XIN3	154D6	8682
XP	145E9	86C5
XRA	14686	8682
XRB	163D9	86C5
XRL	155C9	86C5
XS	146E6	8682
XT	176G1	86G2
XTKK	173E9	86G2
XU	173D4	86C5

DESIG	LOCATION FS	LOCATION CAD
CAMA TRANSVERTER CONNECTOR (CTVC)		
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)		
ONN	139B1	74E7,112C2
1SE	139B1	74E7,112C2
2DT	139F1	74E5,112CO
2L	139F1	74E7,112C4
2LI	129G1	74E7,112C4
2LN	159G1	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	13.E6	74F5,112F2
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	74E5,112CO
A	13909	74E5,112EO
A0,1,2,4,7	13909	74E5,112CO
A'0	140B1	74E5,112EO
A'1	140C1	74E5,112EO
A'2	140C1	74E5,112EO
A'4,7	140E1	74E5,112EO
ACD	140F1	74E7,112F2
AD	140B4	74E7,112F2
AD'	140C4	74E7,112F2
AF	140C4	74B0
AFI	140C4	74B0
AFK	140D4	74B0
AG1	140D4	57C0,74E7
AG2	140E4	57C0,74E7
AG3,4	140E4	74E7
AGS	144B4	74E7
AG6	151D6	74E7
AGCK	140F4	74E7,112F2
AIS	140B6	74E7,112F2
AK	140C6	74E5,112EO
AL	140C6	74E7,112F2
ALN	16504	74E5,112F2
ALT	140D6	74E7,112C4
AMA	140D6	74E5,112CO
AN	140E6	74E5,112CO

DESIG	LOCATION FS	LOCATION CAD
COMPLETING MARKER (CM)		
AOT	140F6	74E7,112C4
ARO,1	140G6	74E5,112CO
AR2,4,7	140H6	74E5,112CO
ATT	147B1	74E7,112C2
AVKI	140E9	74E5,112CO
B0,1,2,4,7	140F9	74E5,112CO
B'0,1,2,4,7	141B1	74E5,112EO
BCN	141C1	74C0
BLC	141C1	74E7,112C4
BLDA	141D1	74E7,112C4
BLT	141D1	74E7,112C4
BN	141E1	74E5,112CO
BRO,1	141F1	74E5,112CO
BR2,4,7	141G1	74E5,112CO
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BRT	141C4	57C0,74E7, 112B2
BST	141D4	57C0,74E7, 112F2
BT	141D4	74E5,112CO
BTT	141F4	74E7
BY	141G4	74E7,112F2
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C'0,1,2,4,7	141D6	74E5,112EO
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CAMF	141F6	74E7,112F2
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CD10	160G4	74E7,112B2
CD15	161C1	74E7,112B2
CD'0	162B6	74E5,112GO
CD'1	161C4	74E5,112GO
CD'2	176C9	74E5,112GO
CD'4	158C4	74E5,112GO
CD'7	142G6	74E5,112GO
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CDNK	142B1	74E7,112C4
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CGB	142C4	74E7,112F2
CGT	142F4	74E7,112F2
CHO-4	142D6	74E5,112GO
CH5-9	142E6	74E5,112GO

DESIG	LOCATION FS	LOCATION CAD
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CKG	142C9	74E5,112GO
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CL4	143F1	74E5
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CRU1	144D4	74E5,112CO
CRU2	144E4	74E5,112CO
CRU4	144F4	74E5,112CO
CRU7	144G4	74E5,112CO
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CT1	145D1	74E5,112GO
CT2	145F1	74E5,112GO
CT4	145B4	74E5,112GO
CT7	145C4	74E5,112GO
CTAO	145E4	74E7,112C4
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CTA4,7	145F4	74E7,112C4
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CTUK	14586	74E5,112GO
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DATK	146E4	74E7,112C4
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DCT2	146B6	74E5,112GO
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DNC	146C9	74E7,112F2
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DNGB	146D9	74E7,112B2
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FAK	148G1	74E5,112CO
FBK	14884	74E5,112CO
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FCK	148E4	74E7,112F2
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DESIG	LOCATION FS	LOCATION CAD
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FM	148E6	74E5,112GO
FML	148F6	74E5,112GO
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FNB	14889	74E7,112F2
FO	150F4	74E7,112C4
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GLA	150E6	74E5,112EO
GLB	150E6	74E5,112EO
GLH	150E6	74E5,112GO
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JG4	153G1	74E5,112GO
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JXPI	153E4	74E5,112GO
JXPA	15304	74E5,112EO
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JXWA	153H4	74CO
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P8	160B1	74E5,112G0	
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PCDI	160F4	74E5,112C0	
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PD	160C6	74E5,112C0	
PDK	160D6	74E7,112C4	
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PK	160F6	74E5,112C0	
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RDCK	161C9	74C0	
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RK3	162E4	74E5,112G0	
RL	162G4	74E5,112G0	
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RNG	162B9	74E5,112E0	
RNK	162B9	74E5,112C0	
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RNT'2	162D9	74E7,112E2	
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RO	162D9	74E5,112C0	
RO'	162E9	74E5,112G0	
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RS7	163E6	74E7,112F2	
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SB		74E7,112C4	
SBT	164B6	74E7,112C4	
SC	164C6	74E7,112C2	
SCB	164D6	74E7,112F2	
SCK	164E6	74E5,112C0	
SCN	164F6	74E5,112C0	
SDT	164C9	74E7,112F2	
SF	164F9	74E5,112G0	
SG		74E5,112E0	
SGA	165C1	74E7	
SIA	165C1	74E7,112C4	
SIB	165D1	74E7,112C4	
SL	165F1	74E7,112F2	
SLCK	165F1	74E7,112C2	
SLKI	165G1	74E5,112G0	
SLK2	16584	74E5,112G0	
SMP	140F6	74E5,112C0	
SNG	150E6	74E5,112E0	
SNK	165C4	74E5,112G0	
SOG	165E4	74E5,112E0	
SON	165E4	74E7,112C2	
SP	15A3,B3	74H2	
SPC	15B3,C3	74H2	
SPL	15709	74E5,112C0	
SOA	165C4	74E5,112C0	
SRI	165B6	57C0,74E7	
SR2	168F4	57C0,74E7	
SR3	168G4	57C0,74E7	
SRK	165B6	74E7,112F2	
SRT	14781	74E5,112G0	
SSA	165C6	74E7,112C2	
SSB	165D6	74E7,112C2	
STG	165E6	74A0	
STLO-4	165F6	74A0	
STL5	165F6	74A0	
STMM	165G6	74A0	
STP1	16589	74E7,112F2	
STP2	165C9	112F2	
STSI-5	165D9	74A0	
SWAT	170F4	74C0	
T	16681	74E5,112F2	
TO-4	16681	74E5,E7, 112E0,F4	
T5-9	166D1	74E5,E7, 112E0,F4	
TA	166B4	74A0	
TAN	166C4	74E5,112C0	
TANO	166C4	74E5,112C0	
TAN1-4	166E4	74E5,112C0	
TAN5	166F4	74E7,112F2	
TB	166G4	74E7,112C4	
TBO	16686	74E5,112G0	
TB1-4	166D6	74E5,112G0	
TB5	166F6	74E5,112G0	
TB6,7	166G6	57C0,74E7, 112B2	
T88,9	16689	57C0,74E7, 112B2	
TBH	166C9	74E7,112F2	
TBI	166C9	74E5,112C0	
TBK	166D9	74E5,112G0	
TBL	166E9	74C0	
TBSO	167B1	74E7,112C4	
TBS1-3	167C1	74E7,112C4	
TBT	167D1	74E7,112C4	
TBTQ	167D1	74E7,112F4	
TBUA	167E1	74E7,112F4	
TC	167F1	74E5,112C0	
TCA	167G1	74E5,112C0	
TCB	16784	74E5,112C0	
TCC	16784	74E5,112C0	
TCGA	167C4	74E5,112C0	
TCGB	167D4	74E5,112C0	
TCH	167E4	74E5,112G0	
TCHO-4	167E4	74E7,112C4	
TCH5-9	167F4	74E7,112C4	
TCHK	167G4	74E7,112F2	
TCKI	16786	74E7,112F2	
TDCT	167C6	74E7,112C4	
TER	167D6	74E5,112E0	
TES1	167D6	57C0,74E7, 112B2	
TESK	167D6	57C0,74E7, 112B2	
TFO,1,2	167E6	74E5,112C0	
TF4	167G6	74E5,112C0	
TF7	16789	74E5,112C0	
TFA	SEE FATC CKT	74E7,112C4	
TGO,1	167C9	74E5,112G0	
TG2-4	167D9	74E5,112G0	
TG5	167E9	74E5,112G0	
TG6-14	16881	74E5,112G0	
TG15-19	168C1	74E5,112G0	
TGA	168H1	74E7	
TGT	152E4	74E5,112G0	
TH'O	168E4	74E7,112F2	
TH'1	168F4	74E7,112F2	
TH'2,4	168G4	74E7,112C4	
THC	16886	74E5,112C0	
THTO,1	168C4	74E5,112C0	
THT2,3	168C6	74E7,112C4	
TIN	168G6	74E5,112G0	
TIR	168H6	74E7,112C4, F2	
TK	16889	74E5,112G0	
TLE1	168C9	57C0,74E7, 112B2	
TLES	16809	57C0,74E7, 112B2	
TLH	16809	74E7,112F2	
TLT	16981	74E5,112F2	
TM	16981	74E7,112F2	
TMK	169C1	74E7,112F2	
TMKI	169D1	74E7,112F2	
TN	169E1	74E5,112E0	
TNK	169F1	74E7,112F2	
TOB	169B4	74E7,112C2	
TOBS	169C4	74E7,112F2	
TOG	169E4	74E7	
TOK	169E4	74E5,112C0	
TOL	169F4	74E7,112C4	
TOSO-4	169G4	74E5,112C0	
TP	16986	74E7,112F2	
TP'	16986	74A0	
TPMK	171C4	74E7,112C4	
TRI	169C6	74E7,112F2	
TR2	169D6	74D2,111G0	
TRB	13C4	74E7,112C2	
TRF	169E6	74E7,112F2	
TRK	13901	74E7,112F2	
TRL	169F6	74E7,112C4	
TRL1	169H6		
TRL2	16989	74E7,112F2	
TRN	16989	74E5,112E0	
TRR	169C9	74E7,112C4	
TRS	169C9	74E7,112F2	
TRST	1D/D6	74D2,111G0	
TRT	169E9	74E7,112C4	
TRXF		74A0	
TSO-3	170C1	74E5,112G0	
TS4	170D1	74E5,112G0	
TS5-9	170E1	74E5,112G0	
TSIO-14	170F1	74E5,112G0	
TSI5-19	170G1	74E5,112G0	
TSC5	169F4	74E5,112C0	
TSE	170G4	74E7,112F2	
TSE1,2	17086	74E7,112C4	
TSGA		74C0	
TSGB		74C0	
TSK	170C6	74C0,E7, 112C4	
TSR	16684	74E5,112E0	
TST	170F6	74E5,112C0	
TSTL	170F6	74E7,112C0	
TT	170G6	74E5,112C0	
TTO,1,2,4,7	17089	74E5,112C0	
TTC	170C9	74E7,112C4	
TTCI	170D9	74E7,112C4	
TTF	17009	74E5,112C0	
TTG	10C0	74D2,111G0	
TTK	171B1	74E5,112G0	
TTT	171C1	74E7,112C4	
TVT	15784	74E7,112C2	
TWT	146C1	74E5,112E0	
U0-4	171E4	74E5,112E0	
U5-9	171F4	74E5,112E0	
UK	171D4	74E5,112E0	
UKA	171E4	117C7	
UTO,1,2,4,7	171B6	74E5,112C0	
VFO	171C6	74E5,112G0	
VF1-4	171E6	74E5,112G0	
VF'0-4	171F6	74E5,112G0	
VFTO	171B9	74E7,112F2	
VFTI	171C9	74E7,112F2	
VFT2	171E9	74E7,112F2	
VFT3	172B2	74E7,112F2	
VFT4	172C1	74E7,112F2	
VGO,1	172E1	74E5,112C0	
VG2	172G1	74E5,112C0	
VG4,7	172B4	74E5,112C0	
VGIO	172C4	74E5,112C0	
VG'O,1,2,4,7	172E4	74E5,112G0	
VG'IO	172F4	74E5,112G0	
VGTO-4	172B6	74E7,112F2	
VGT5-9	172C6	74E7,112F2	
VGTIO,11	172D6	74E7,112F2	
VTC		74E7,112F2	
VTKI	172D9	74E5,112G0	
WAT	172E9	74C0	
WBO	172E9	74C0	
WBI	173B1	74C0	
WB2	173B1	74C0	
WBTO	173C1	74C0	
WBTI	173D1	74C0	
WBT2	173E1	74C0	
WCHO-9	173E1	74C0	
WCK	173C4	74C0,112F2	
WCN	173C4	74C0	
WCV	171B1	74C0	
WDCI	173D4	74C0	
WDTF	173E4	74C0	
WDTI	173E4	74C0	
WFCK	173F4	74C0	
WHSI	17386	74C0	
WKC	173C6	74E7	
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WMXT	173H6	74C0	
WSL	17389	74C0	
WT	17389	74E7,112F2	
WTFK	17309	74C0	
WTGO-3	17309	74C0	
WTK	173E9	74C0	
XII	174B1	74E5,112C0	
XAN	175G6	74E5,112C0	
XBRL	174D1	57C0,74E7, 112B2	
XBT	174D1	74E5,112G0	
XCE	174F1	57C0,74E7, 112B2	
XCH	174G1	74E5,112G0	
XCL	175C9	74E5,112G0	
XCP	174E4	74E5,112G0	
XCR	174F4	74E5,112G0	
XCS	174G4	74E5,112G0	
XCW	174C6	74E5,112G0	
XF	174D6	74E5,112G0	
XFT	174F6	74E5,112F2	
XFUT	174G6	74E5,112G0	
XHG	174C9	74E5,112G0	
XHGI		74E7,112C4	
XHGA		74E7,112C4	
XI	17581	74E7,112C4	
XJC	175D1	74E5,112G0	
XJG	175E1	74E5,112G0	
XJS	175G1	74E5,112G0	
XL	175B4	74E7,112C4	
XLC	175C4	74E5,112G0	
XLF	175D4	74E7,112C4	
XLG	175E4	74E5,112G0	
XLH		74E5,112G0	
XLO	175B6	74E5,112G0	
XLR	174D4	74E5,112G0	
XLS	175C6	74E5,112G0	
XLV	175E6	74E5,112G0	
XMB	175F6	74E5,112G0	
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XPT	175D9	74E5,112G0	
XRS	17681	74E5,112G0	
XRSI	176C1	74E5,112G0	
XS	17601	74E5,112G0	
XSA	174F9	74E5,112G0	
XSC	176E1	74E5,112E0	
XSL	176F1	74E5,112G0	
XSS	165E9	74E5,112G0	
XST	159E9	74E7	
XT5	176C4	74E5,112G0	
XTB	176D4	74E5,112G0	
XTG1	176C6	74E5,112G0	
XTRK	174B4	74E5,112G0	
XTRL	176B4	74E5,112G0	
XTS	176E6	74E5,112G0	
XTSI	176G6	74E5,112G0	
XVGB	174C6	74E5,112G0	

COMPUTER LINE VERIFICATION ACCESS (CLVA)

ITR	139E0	
2W	139D2	
4DG	139H2	SEE MTC CKT
4W	139C5	
AICDT2	160F7	
BN	141E0	
CIB	5C7	
CK	142B7	130C0
CKG	175C7	
CKGI	142D7	SEE MTC CKT
CSGI	144D7	
DCK	146B0	130C0
FLG	161F0	130C0
FNA	148H5	
FNB	14887	
FTO-3	149C5	
FTTO	150B0	
FTTI-5	150C0	
FUO,1,2,4,7	150D0	
FUTO-4	150B2	
FUT5-7	150C2	SEE MTC CKT
FUT8,9	150D2	
H'0,1	172F0	
H'2	172G0	
H'4,7	172B3	
H'10	172D3	
HGO,1,2,4,7	151B2	
HGTO-4	151E2	
HGT5-9	151F2	
HNO-4	151B7	
HN5-9	151E7	
HTUK	152F0	130C0
LFK	154C2	
LHM	154E2	SEE MTC CKT
LLI	154D7	
LOLL	155E0	

MASTER TEST FRAME CONNECTOR CKT

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COMPUTER LINE VERIFICATION ACCESS (CLVA)

DESIG	LOCATION FS	LOCATION CAD	
LTP	1A/C5		
LVP	1E/D3		
M4,7	156C2		SEE MTC CKT
MC	156D2		SEE MTC CKT
MCO,1	156B7		130CO
MKS	7F7		
MKTO,1	7E7		
MLV	140F1		
MOA	156C5		
MTIK	156C7		SEE MTC CKT
NSP	169D3		
ODT	158G5		
OF	158B7		
POTS	160F7		130CO
PTK	161B3		
RI	162E0		SEE MTC CKT
RN4,7	162G5		
RNTO	158G5		130CO
RPT	172C8		
SO-9	164G3		SEE MTC CKT
SON	165E3		130CO
SPL	157D7		SEE MTC CKT
STR	3G8		
T0-4	166C0		
T5-9	166F0		SEE MTC CKT
TBI	167D7		
TBSO	167B0		130CO
TBS1-3	167C0		130CO
TBT0-4	151F5,G5		130CO
TBT5-9	151C7,D7		130CO
TBU0-4	166B0,C0		130CO
TBU5-9	166F0		130CO
TH0-4	151H5		
TH5-9	151E7		
TIK	168F5		SEE MTC CKT
TLV	140F1		
TM	6D0		
TNK	169F0		130CO
TPT	172G5		
TR	152F2		
TRA	169E5		SEE MTC CKT
TRK	139E0		
TRL	169G5		
TS	6C8		
TSO,1	11A2		130CO
TSL	170D5		
TVS	8F6		
TVTO,1	8E6		SEE MTC CKT
U*0,1,2,4,7	171F5		
UNO-9	171F3,G3		130CO
VFO	171D5		
VF1-4	171F5		
VFT0	171C7		
VFT1	171D7		
VFT2	171F7		
VFT3	172C0		
VFT4	172D0		SEE MTC CKT
VG0,1	172C0		
VG2	172G0		
VG4,7	172B3		
VG10	172D3		
VGT0-4	172C5		
VGT5-9	172D5		
VGT10,11	172E5		

DIAL TONE MARKER (DTM)

DESIG	LOCATION FS	LOCATION CAD	
2P	167B4	83B0,112F6	
4DG	139G4	83C3,112B6	
5DG	136C6	83C3,112B6	
AC8	140E1	83B0,112F6	
AOT	140G6	83B0,112F6	
BRT	141C4	83C3,112G8	
BT	141D4	83C3,112B6	
BTT	141F4	83C3,112G8	
CGA	142B4	83C3,112B6	
CGB	142C4	83C3,112B6	
CGC	142E4	83C3,112B6	
CH0-4	142D6	83B0,112F6	
CH5-9	142E6	83B0,112F6	
CI	1D/DO,D3	83E0,111G5	
CK	142B9	83B0,112F6	
CKG	142D9	83B0,112F6	
CKG2	142E9	83C5,112G8	
CN	143E4	83B0,112F6	
CON	144D1	83C3,112B6	
CRU0	144C4	83E3,112F6	
CRU1	144D4	83E3,112F6	
CRU2	144E4	83E3,112F6	
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CSG1	144D9	83C3,112G8	
CSG2	144E9	83C3,112G8	
CT0	145C1	83B0,112F6	
CT1	145D1	83B0,112F6	
CT2	145F1	83B0,112F6	
CT4	145B4	83B0,112F6	
CT7	145D4	83B0,112F6	
CU0	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	
DCT	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	82C3,112B6	
FM	148F6	83B0,112F6	
FML	148G6	83B0,112F6	
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FS3,4	149C1	83F3,112F6	
FS5-9	149D1	83F3,112F6	
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FS27-29	149C4	83E3,112D6	
FT0-3	149B6	83E3,112F6	
FT'0	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	
FTT0	150B1	83C3,112B6	
FTT1-3	150C1	83C3,112B6	
FTT4,5	150C1	83E3,112D6	
FU0,1,2,4,7	150D1	83F3,112F6	
FU'0,1,2,4,7	150G1	83B0,112F6	
FUT0-4	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	
HGT0-4	151F4	83C3,112B6	
HGT5-9	151G4	83C3,112B6	
HMSI	151E6	83E3,112F6	
HTKI	152D1	83B0,112F6	
HTR	152E1	83C3,112B6	
JC0-4	152D6	83B0,112F6	
JC5-9	152E6	83B0,112F6	
JCK	152E9	83B0,112F6	
JG0	153B1	83B0,112F6	
JG1	153C1	83B0,112F6	
JG2	153D1	83B0,112F6	
JG3	153F1	83B0,112F6	
JG4	153G1	83B0,112F6	
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JSQ1-5	153C4	83C3,112G8	
JXP1	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	16B84	83B0,112F6	
LL2,4	16BD4	83B0,112F6	
LL7	154F6	83B0,112F6	
LLJ	154D9	83C3,112G8	
LOLL	155C1	83B0,112F6	
LXPA	155H6	83B0,112F6	
LXPI	15589	83B0,112F6	
M	155E9	83C3,112B6	
MAK1	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	15686	83C3,112G8	
MOI	15686	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	15784	83E3,112F6	
NTH	15804	83C3,112G8	
OBS1	169C4	83C3,112B6	
OBS2	16984	83C3,112B6	
OC1	158E6	83C3,112G8	
PO-2	159G6	83B0,112F6	
P3,4	15989	83B0,112F6	
P5	159D9	83B0,112F6	
P6,7	159F9	83B0,112F6	
P8	16081	83B0,112F6	
P9	160C1	83B0,112F6	
PA	16GD1	83B0,112F6	
PB	160G1	83B0,112F6	
PBX	16084	83E3,112F6	
PC	160C4	83B0,112F6	
PE	160E6	83E3,112D6	
PKI	160B9	83B0,112F6	
PNR	160E9	83B0,112F6	
PR	16181	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	17SG4		
RQA	163C1	83E3,112F6	
RQN	12F8	83E0,111G5	
RTO-3	16401	83C3,112G8	
SDT	164C9	83C3,112B6	
SEF	164F9	83B0,E3, 11206,F6	
SF	165B1	83B0,112F6	
SL	165F1	83C3,11286	
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	
TCH0-4	167E4	83C3,112G8	
TCH5-9	167F4	83C3,112G8	
TCHK	167G4	83C3,112B6	
TDCT	167C6	83C3,112G8	
TG0,1	167C9	83B0,112F6	
TG2-4	167D9	83B0,112F6	
TG5	167E9	83B0,112F6	
THGT0-9	168C6	83C3,112G8	
TK	16889	83B0,112F6	
TLH	168D9	83C3,112F6	
TM	169C1	83C3,112F6	
TR1	169C6	83C3,112G8	
TR2	169D6	83C3,112B6	
TRB	13D4	83E0,111G5	
TRK	139E1	83C3,112B6	
TRL	16966	83C3,112B6	
TRR	169C9	83C3,112G8	
TRS	16909	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	17086	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 11206,F6	
TTT	171D1	83C3,112G8	
TVFT0-4	171D1	83C3,112G8	
TVGT0-9	171E1	83C3,112G8	
TVGT10-11	171F1	83C0,112G8	
VF'0-4	171G6	83B0,112F6	
VFT0	171B9	83B0,112F6	
VFT1	171C9	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	
VGT0-4	172B6	83C3,112B6	
VGT5-9	172C6	83C3,112B6	
VGT10,11	172D6	83C3,112B6	
VTK1	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	
XTC1	176G4	83B0,112F6	
XTG1	176C6	83B0,112F6	
XTRK	174B4	83B0,112F6	
XTRL	176B4	83B0,112F6	
XTS	176F6	83B0,112F6	
XTS1	176H6	83B0,112F6	
XVGA	176B9	83B0,112F6	
XVGB	17486	83B0,112F6	
XWB	176C9	83B0,112F6	

DIRECT ACCESS PRETRANSLATOR CONNECTOR (DAPC)

DESIG	LOCATION FS	LOCATION CAD	
DAC0	157F4	80B/F3	
DAC1,2	157F4	80B/E3	
DACA	157D6	80B/F3	
DACB	157E6	80B/F3	
NG	11F8	74B2,111G0	
NG1	11F8	74B2,111G0	

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

DESIG	LOCATION FS	LOCATION CAD	
1TR	139C1	55A7,86C5, 121A/A0	
2TR	13984	55A7,86C5, 121A/A0	
A0,1,2,4,7	139F9	55A1,86D7, 121A/B3	
B0,1,2,4,7	140G9	55A1,86D7, 121A/B3	
C0,1,2,4,7	141C6	55A1,86D7, 121A/D3	
D0,1,2,4	146E1	55A1,86D7, 121A/D3	
D7	146F1	55A1,86D7, 121A/D3	
E0,1,2,4,7	147E4	55A1,86G5, 121A/D3	
F0,1,2,4,7	148C1	55A1,86G5, 121A/D3	
FG0	148G2	131B0	
FG1	148B5	131B0	
FG2	148C5	131B0	
FTQ-3	149C6	55H3,86D2, 121A/F3	
FU0,1,2,4,7	150E1	55A7,86D2, 121A/F3	
G0,1,2,4,7	150C6	55A1,86G5, 121A/A0,F0	
H7	151D1	55A1,86G5, 121A/A0,F0	
HG0,1,2,4,7	15184	55A7	
KAMA	157E1		
KM	153E6		
MT12	15701		
RPT	17289	131B0	
RP	17289	86D2,121A/F3	
SW0,1,2,4,7		55A7,121A/F3	
TFQ,1,2	167F5	131B0	
TF4	167H5	131B0	
TF7	16786	131B0	
TP	172F6	121A/F3	
TPT	172F6	55A7	
TRIT		55A7	
TRP		131B0	
TRS	169D9	55A5,86A5, 121A/A0	
VFO	171D6	55A7,121A/F3	
VF1-4	171E6	55A7,121A/F3	
VG0,1	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	13902		
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		
CKGI	142D7		
CKO	142F7		
CSO-29	14485		
CSGI	144D7		
CTI	145F2		
DAT	146C2		
DCK	14680	130D0	
EN	147C7	130G0	
FLG	161E0		
FNA	148H5		
FNB	14887		
FTQ-3	149C5		
FTT0	150B0		
FTT1-5	150C0		
FU0,1,2,4,7	15000		
FUT0-4	150B2		
FUT5-7	150C2		
FUT8,9	150D2		
GC			
H'0,1	172F0		
H'2	172G0		
H'4,7	172B3		
H'10	172D3		
HG0,1,2,4,7	151B2		
HGT0-4	151E2		
HGT5-9	151F2		
HNO-4	15187		
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	15687	130D0	
MKS	7F7		
MKTO	7E7		
MKTI	7E7		
MLV	140F1		
MOA	156C5		
MRI	145F2		
MTIK	15687		
NGK	157C7		
NN	140G2,157F7		
NOB	15880		
NSP	169D3		

ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD	
OF	158C7		
OFF0-2	157F3		
OFF3,4	157H3		
OFF5	15785		
OFF6-9	157C5		
OFTO	157F5		
OFT1,2	157G5		
OSG0-4	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	13000	
RNTO	158G5		
RPT	172C8		
RSQ,1	163B7		
RSK	163C7		
SO-9	164G3		
SON	165E3	13000	
SPL	157D7		
T0-4	166C0		
T5-9	166F0		
TBI	166D7		
TBSO	16780	13000	
TBS1-3	167C0	13000	
TBT0-4	151F5	13000	
TBT5-9	151C7	13000	
TBU0-4	166B0	13000	
TBU5-9	166E0	13000	
TH0-4	151H5		
TH5-9	151E7		
TH'0,1,2,4,7			
TIK	168F5		
TLV	140F1		
TM			
TN	169E0	130G0	
TNK	169G0	13000	
TOG	169E3		
TPT	172G5		
TR	152F2		
TRA	169E5		
TRK	139E0		
TRL	169G5		
TS	6C8		
TSO,1	11A2	13000	
TSL	170D5		
TSTL	170F5		
TVS	8F6		
TVTO,1	8E6		
U0-9	17183		
U'0	171D5		
U'1,2,4,4	171F5		
UNO-4	171E3	13000	
UN5-9	171F3	13000	
VFO	171D5		
VF1-4	171F5		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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ETS POWER AND DATA INTERFACE (ETSPD)

DESIG	LOCATION FS	LOCATION CAD	
VFT0	171C7		
VFT1	171D7		
VFT2	171F7		
VFT3	172C0		
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	81A;	
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	
B1	141E2	131D6
BY	141G2	131D6
CO,1	17F0	131D6
CKG	142D7	131D6
EF	25F8,147F5	131D6
GPA	149D7	131D6
GPB	150G5	131D6
HF1	151G0	131D6
HF2	151F0	131D6
JCG	25G5	131D6
MKA(-)	10/A6	131D6
MKA2(-)	10/B0-B2	131D6
MKB	10/B6	131D6
MKB2(-)	10/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	2180	131D6
RCY	1618?	131D6
RF	25G8	131D6
RLK	16285	131D6
RR	163G3	
SEF	25C2,164F7	131D6
STP1	16587	131D6
STP2	165C7	131D6
TRL	169G5	131D6
TVA0,1	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	
1TR	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	
CO,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	
FSO-2	149B0	SEE MTC CKT	
FTO-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	
G0,1,2,4,7	150C5	SEE MTC CKT	
GI	1503	75A/B0	
H7	151D0	130D2	
H'0,1	172E0		
H'2	172G0		
H'4,7	172B3		
H'10	172C3		
HG0,1,2,4,7	151C2	130D5	
HGT0-4	151E2	SEE MTC CKT	
HGT5-7	151F2	SEE MTC CKT	
HN0	151G5	13005	
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	
MXT(-)	7E1	83C5	
NOB	15B80	130D5	
NSP	169D3	130D5	
ODT	158G5	SEE MTC CKT	
OF	15887	130D5	
OFF0-9		130D5	
OFFT0-2		75A/D4	
ON	2B1	130D5	
RN4,7	162G5	130D5	
RNT0	158G5	75A/B0	
RON	2H6	130D5	
RPT	172B7	75A/B4	
SO-9	15E3	75A/B0	
SP	15F3	75A/B0	
SPC	157D7	130D2	
SPL	3C0	75A/D4	
STR	3C6	75A/B0,D4	
STR1	3C5	75A/B0	
STR2	3D5	75A/D4	
STRA			
TH0-4	151H5	130D5	
TH5-9	15107	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	
TSO-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	13085	
U'0,1,2,4,7	171E5		
VF0-4	171E5	13087	
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	1088	74F2,111C0	
LTM	1088	74F2,	
TRC-	27G8	32A0,83G0, 111D0,H5	

LINE LINK MARKER CONNECTOR (LLMC)

DESIG	LOCATION FS	LOCATION CAD	
2W	139C4	80B/B3	
4W	13986	60B/B3	
CN0-9	13986	80B/B3	
CN10-15	143E4	80B/B3	
CN16-19	14389	80B/B3	
CNG	27C3	74A2,83G0, 111D0,H5	
FR0	148C9	80B/B3	
FR1	148D9	80B/B3	
FR2	148D9	80B/B3	
FRG	2788	74A2,83G0, 111D0,H5	
MG	28E3	SEE DTM CKT	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD	
1TR	139E0		
2L	139F0		
2LI	13960		
2LN	13960		
2W	145B0		
2WT	139D2		
4DG	163D3		
4NE	139H2		
4W	139B5		
4WT	139C5		
6NT	163C3		
A0,1,2,4,7	139F5		
AIODT2	139E7		
B0,1,2,4,7	160F7		
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	14485		
CSGI	144D7		
CSW	14580		
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		
FGO	148G2		
FGI	148C5	104G4	
FG2	148D5	104G4	
FNA	148H5		
FNB	148B7		
FTO-3	149C5		
FTT0	15080		
FTT1-5	150C0		
FU0,1,2,4,7	15000		
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		
LDN	154F0		
LHM	154E2		
LHMT	154F2		
LLI	154D7		
LLP	154E7		
LLP2	155B2		
LOLL	155E0		
LRR	155D2		
LRS	155D2		
LTP	1A/C5	5346,88G5, 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	
MKT0,1	7E7		
MLV	140F1		
MOI	15682		
MOA	156C5		
MRI	145F2		
MRL	156G5		
MTIK	156C7		
NDT	157E3		
NGK	157C7		
NH	140G2		
NOB	15880		
NSP			
OA	158H3		
OB	15885		
ODT	158G5	SEE MTC CKT	
OF	158C7		
OFF0-2	157F3		
OFF3,4	157H3		
OFF5	15785		
OFF6-9	157C5		
OFT0	157F5		
OFT1,2	157G5		
OSG0-4	159F0		
OSG5-9	159G0		
OSG10,11	159B3		
PAN	160F0		
PCD	160E3		
PCD1	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		SEE MTC CKT
RIP	162F0		
RN4,7	162G5		
RNT0	158G5		
RPT	172C7		
RSX	163C7		
SO-9	164G3		
SPL	157D7		
STR	3G8	72C7	
T0-4	166C0		
T5-9	166F0		
TBI	166D8		
TBS0	167B0		
TBS1-3	167C0		
TBT0-4	15105		
TBT5-9	15107		
TBTA	167B0		
TBU0-4	166C0		
TBU5-9	166E0		
TBUA	167E0		
TCA	167G0		
TF0,1,2	167F5		
TF4	167H5		
TF7	16788		SEE MTC CKT
TH0-4	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	5346,88G5, 123F2	

LINE VERIFICATION (LV)

DESIG	LOCATION FS	LOCATION CAD	
TVT0,1	8E6		
U0-9	17183		
U'0	17105		
U'1,2,4,7	171F5		
VF0	17105		
VF1-4	171F5		
VFT0	171C7		SEE MTC CKT
VFT1	171D7		
VFT2	171F7		
VFT3	172C0		
VFT4	17200		
VG0,1	172F0		
VG2	172G0		
VG4,7	17283		
VG10,11	172C3		
VGT0-4	172C5		
VGT5-9	172D5		
VGT10,11	172E5		

MASTER TEST CONTROL (MTC)

DESIG	LOCATION FS	LOCATION CAD	
ONN	13980	73A/E5	
1SE	13980	73A/D2	
1TR		56A7	
2DT	139F0	72C5	
2L	139F0	73A/E5	
2LI	13960	73A/E5	
2LN	13960	73A/D0	
2SA	139H0	73A/D2	
2TR		56A7	
2W	139D2	57C3,73A/D2	
2WD	139E2	57C3,73A/D2	
2WD1	139E2	57C3,73A/D2	
2WT	163D3	8B07	
3NA	139E2	73A/D2	
4DG	139H2	8B07,12305	
4NE	13985	73A/D2	
4W	139C5	57C3,73A/D2	
4WT	163C3	8B07	
5DG	13905	8B07,12305	
5ST	139E5	73A/E5	
6NT	139F5	73A/E5	
7RN	13965	73A/E5	
8SP	13987	73A/E5	
9NP	13987	73A/E5	
11	139C7	73A/D0	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 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
AF1	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
AR0		73A/D0
AR1		73A/D0
AR2		73A/D0
AR4	158G3	73A/D0
AR7		73A/D0
ATKT		73A/B5
ATT	147B0	73A/D2
AVK1		73A/D0
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	142D2	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
CKR1	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
DAT1	146D2	73A/E5
DATK	146E2	73A/E5
DCK	146B0	72C5
DCT	146F2	73A/D2
DCT1	146H2	
DF1	146C5	73A/E2
DIS	146C5	73A/E5
DIS1	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
EN1	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	72C5
FAD	148G0	73A/D2
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	14887	73A/D2
FS0-4		72C5
FS5-19		72C5
FT0-3	149C5	72C5
FTC	149D7	73A/E5
FTCK	149E7	73A/D2
FTT0	150B0	73A/D0
FTT1-5	150C0	73A/D0
FU0,1,2,4,7	150D0	72C5
FUT0-4	150B2	73A/D0
FUT5-7	150C2	73A/D0
FUT8,9	150D2	73A/D0
FVD	150F2	73A/D0
G	150F2	73A/E5
G0,1,2,4,7	150B5	72C5
GC	175B7	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
HG0,1,2,4,7	151B2	72C5
HGK	151E2	73A/D0
HGT0-4	151E2	73A/D0
HGT5-9	151F2	73A/D0
HMS1	151E5	72C5
HN0-4	151B7	56A0,88D7, 123D5
HN5-9	151E7	56A0,88D7, 123D5
HT0,1,2,4,7	152C0	73A/D0
HTR	152E0	73A/D2
ICK	152G0	89D3
INC	152C2	72C5
IOD	149F5	89H0
IR	152D2	89D3
IRL	152D2	26B/B3
IRS	152E2	73A/E5
J0,1,2,4,7	152B5	72C5
JS00-4	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
LFK1		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
LLE1	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
LSK1	155E2	73A/E7
LST	154E2	88D7,123D5
LT	164C7	73A/D0
LT1	155F2	73A/D0
LT2	155G2	73A/D0
LT3	155H2	72C5
LVF	155D6	73A/A5
LVM	155E6	73A/B3,E5
LXPA	155H5	
M	155E7	73A/D2
M0,1,2,4	156B0	57C3,73A/D2
M7	156C0	75C5
M'0,1,2,4		57C3,73A/D2
MAK1	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
MLE1	154C7	57E6,73A/D2
MLES	154C7	57C3,73A/D2
MLI	154D7	73A/E5
MLJ	154D7	73A/E5
MLP	154E7	73A/E5
MLP2	155B2	73A/E5
MNP	155B0	73A/B7
MNPR	155C0	73A/B7
MOLD		73A/E5
MOLL	155E0	73A/D0
MOLP	155E0	73A/E5
MPO-2	155E0	73A/B7
MT1	156B5	73A/E5
MT2	156C5	56A7,88C5
MT3		73A/D0
MT4	156D5	72C5
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
MT57		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
OBS1	169D3	83D7
OBST	158E5	79A/E5
OC1	158E5	83D7
OCA0,1,2,4,7	152D5	89E0
OCN	158F5	73A/E5
OD0,1,2,4,7	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	ISSUE
6S	98B

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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
OG0,1,2,4	150B7	89D3
OG7	150C7	89D3
OHS	158D7	73A/B7
OLI		72C7
OP	158E7	57C3,73A/D2
OP1	175D0	88C5
OR	159B0	73A/D2
ORC0	158B3	
ORC1	157F7	
ORC2	151F0	
OS0-4	159D0	72C5
OSC	159E0	73A/E5
OSG0-4	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
PCDI	160F3	72C5
PCK	160H3	26A/A0, 26B/B3
PCR	160B5	72C5
PD	160C5	72C5
PDK	160D5	73A/E5
PHC	160F5	72C5
PK	160G5	72C5
PKI	160B7	73A/B5
PLB	160C7	73A/B7
PLL	160C7	72C5
PML	160D7	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/A0, 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	IC/B8	
PTR	161C3	26A/A0, 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
RCT2-9	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/A0, 26B/B3
RNO,1,2	162F5	73A/D2
RN4,7	162G5	73A/D2
RNTO	158G5	89G0,123B7,
RNT1	140B2	89H0,123D7,
RNT20	162C7	
RO	162D7	72C5
RO'	162E7	
RO1-3		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
RVI	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/A0, 26B/A0
SGA		57B6,73A/D2
SIA	165C0	73A/E5
SIB	16500	73A/E5
SKO	165D0	8903
SKI	15500	8903
SKT	487	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	16585	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/D0
STP2	165D7	73A/D0
STSI-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
TANI-4	166E3	172C5
TB	166G3	73A/E5
TB6-9		57C3,73A/D2
TBI	16600	72C5
TBL	176C0	89D3,123B2

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
TBSO	167B0	73A/E5
TBSI-3	167C0	73A/E5
TBT	167D0	73A/E5
TBTO-4	151G5	73A/E5
TBT5-9	151D7	73A/E5
TBTA	167D0	73A/E5
TBU0-4	166C0	73A/E5
TBU5-9	166E0	73A/E5
TBUA	167E0	73A/E5
TC1	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		57B6,73A/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/E5
THC	16885	72C5
THGTO-9	168C5	83D7
THTO,1	168C3	73A/D0
THT2,3	168C5	73A/E5
TI	168E6	73A/B5
TIO-3	168E5	8903
TIC	168E5	88C5
TIK	168F5	56A3,88C5, 123B2
TKT	168C9	73A/A5
TLE1	168C7	57B6,73A/D2
TLES	16807	57C3,73A/D2
TLH	16807	73A/D0
TLV	140F1	73A/B5
TM	6A0	72G7
TMK	16900	73A/D2
TMKI	16900	73A/D2
TNK	169F0	73A/D2
TNO	169E0	88D7
TNR	176C0	
TOK	160C5	57B6,73A/D2
TOL	169F3	73A/D0
TOP	16963	56A3,88D7, 123D5
TQSO-4	16963	73A/E5
TP	16985	73A/D0
TP'	169C5	73A/D2
TPT	17265	56A7
TR	152F2	56A7,88C5, 123B2
TRI	169C5	73A/E5
TR2	169D5	73A/D2
TRA	169E5	56A7,88C5, 123B2
TRBI(-)		25A/G5,5386, 83D5,88E5,FS
TRF	169F5	73A/D2
TRIT	14802	8903

DESIG	LOCATION FS	LOCATION CAD
MASTER TEST CONTROL (MTC)		
TRK	139D0	73A/D2
TRL	169G5	73A/D2
TRL1	169H5	73A/E5
TRL2	16987	73A/D2
TRP		56A3
TRR	169C7	73A/E5
TRS	169E8	73A/D5
TRT	169F8	73A/E5
TS	6A8	6885,72E7
TSE	170H3	73A/D2
TSEI,2	170B5	73A/E5
TSK	170D5	73A/E5
TSL	170D5	88G7,123D5
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
TTC1	170D7	73A/E5
TTL	8E8	72E7
TTP	1A/C7	5386,88G5, 123G2
TTT	171C0	73A/E5
TVFTO-4	171D0	
TVGTO-9	171E0	
TVGT10,11	171F0	
TVS	8F1	5386,88G5, 123G2
TVTO,1	8E1	5386,88E5
UO-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	17107	73A/D0
VFT2	171F7	73A/D0
VFT3	172C0	73A/D0
VFT4	17200	73A/D0
VG0,1	172F0	72C5
VG2	172H0	72C5
VG4,7	172C3	72C5
VG10	172D3	72C5
VGA	17285	8307
VGTO-4	172C5	73A/D0
VGT5-9	172D5	73A/D0
VGT10,11	172E5	73A/D0
VTC	172D7	8903
WAT	172F7	73A/B5
WBTO-2	173C0	73A/G7
WBT1	173D0	73A/G7
WBT2	173E0	73A/G7
WCN	173C3	73A/E7
WDC1	173D3	73A/E7
WDTF	173E3	73A/B5
WDTI	173F3	73A/B5
WFCK	173G3	73A/E7
WHS1	173B5	73A/E7
WKC	173C5	8903
WLFK	173G5	73A/E7
WTKF	173D7	73A/E7
WTGO-3	173D7	73A/D7
WTK	173E7	73A/E7
XII	17480	73A/D0
XBRL		57C3,73A/D2
XCE		57C3,73A/D2
XFT		73A/D0
XHGA	174E7	73A/E5
XI	175C0	73A/E5
XL	17583	73A/E5
XLF		73A/E5
XLS	17505	73A/B7
XST		57B6,73A/D2
XT	176G0	8903
XTG1	176C5	

MASTER TEST FRAME CONNECTOR CKT

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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)	18/B8	87C4
CI(ODD)	18/B8	87C4
CI(MAG AMA)	18/C6	120D3
CO(EVEN)	18/B9	87C4
CO(ODD)	18/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	18/B7	87C7
RCCK(EVEN)	11E5	87C4
RCCK(ODD)	11E5	87C7
RL	174H4	120D3
RL1	175D6	120D3
RL2	175H4	120D3
RN	165H1	87A4,G4
RST0	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
RSTI0	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
RT30(EVEN)	19B2	87C7
RT30(ODD)	19E2	87C4
RTRS	172C1	120D3
RTST	16386	120D3
SC	17586	87F7,G4
SKP		87F7,G4
SP	172D1	87F7,G4
SPA	142G1	87F7,G4
STR	340	120D3
SY	174G6	87F7,G4
TEN	163B6	87G4
TPR	18/B8	87C7
TRB(EVEN)	14A5	87C7
TRB(ODD)	14C5	87C4
TRB(MAG AMA)	14E5	120D3
TRL	175C6	120D3
TRST(EVEN)	18/B7	87C7
TRST(ODD)	18/B6	87C4
TRST(MAG AMA)	18/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	
NGI	11H8	
NGCO-2	157F4	80B/A0
NGC3,4	157G4	80B/A0
NGC5-9	157C6	80B/A0
NGCTO	157D6	80B/A0
NGCTI	157E6	80B/A0
NGCT2,3	157F6	80B/A0

ORIGINATING REGISTER (OR)

DESIG	LOCATION FS	LOCATION CAD
RG0-9	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
FRO	148C9	80B/C0
FR1,2	148D9	80B/C0
FR3	148D9	
FRG	27A8	74A2,1110D
RGG	28B3	74A2,1110D

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

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

OUTGOING SENDER (OS)

DESIG	LOCATION FS	LOCATION CAD
SO-14		9CD0

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	2708	80B/D3
SG	28G3	80B/D3
SRT	16586	80B/D3

PRETRANSLATOR (PRT)

DESIG	LOCATION FS	LOCATION CAD
II	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
LKI	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	1C/A0-A7	25A/F5, 25B/D7, 25C/G3
PTR	161C4	25B/D7
RCCK	11G5	25A/H5, 25B/D7, 25C/G3
RLK	162B6	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
TRI	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	1C/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
RG0-9	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/C0,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/C0,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
BR0,1	152D9	122D0
BR2	165B9	122D0
BR4	165D9	122D0
BR7	141G1	122D0
CHO,1	159B9	122D0
CH2	159C9	122D0
CIS	142H5	122D0
CISC	142H5	122D0
CKL0	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
CKRI	153E1	122D0
CKR2	153F1	122D0
CKR4	153G1	122D0
CKR7	143B1	122D0
CKRS	160F9	122D0
CLO	170C4	122D3
CLI	143C0,17004	122D3
CL2,4,7	17004	122D3
CPTO	142G4	122D3
CRO	17081,170E4	122D3
CRI,2,4,7	17081	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
EXI	16306	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	14586	122D5
RA3	14509	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	14404	122D5
RC4	173F1	122D5
RD1	14504	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	168G1	122D8
SWI	149D4	122D8
TRA	166B9	122D8
TRA2	16801	122D8
TRB	14H5	122D8
TRBI	14H5	122D8
TRE	166C6	122D8
TRSA	166E6	122D8
TRSB	166F6	122D8
TRST	18/C5	122D8
TRSTI	18/C5	122D8
TST	16306	122D8
TSTI	155C6	122D8
WCK	153E9	122D8
WSF	147E6	122D8
WSM	153E9	122D8
WTL	17084	122D8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	99A

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REMOTE OFFICE TEST CONTROL (ROTC)

DESIG	LOCATION FS	LOCATION CAD
FG0	148G2	11587
FG1	14885	11587
FG2	148D5	11587
GP8	150G5	SEE MTC CKT
TF0,1,2	167F5	11587
TF4	167H5	11587
TF7	16786	11587

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	11500
CGA	142B2	11500
CG3	142D2	11500
CIB	5F7	11500
CKG1	142D7	11500
CL3	143E0	11500
CL5	143H0	11500
CRU0	144C2	11500
CRU1	144D2	11500
CRU2	144F2	11500
CRU4	144G2	11500
CRU7	144H2	11500
CSG1	144D7	11500
CSG2	144E7	11500
CTA0,1,2	145E2	11500
CTA4,7	145F2	11500
CU0	145C5	11500
CU1	145E5	11500
CU2	145G5	11500
CU4	14587	11500
CU7	145D7	11500
D0,1,2,4	146E0	11500
D7	146G0	11500
DCT	146F2	11500
DIS	146C5	11500
DIS1	146E5	11500
DNGC	146D7	115C7
DNGD	146D7	115C7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
E0,1,2,4,7	147E2	11500
F0,1,2,4,7	14880	11500
FCK	148F2	11503
FT0-3	149C5	11503
FTC	149D7	11503
FTCK	149E7	11503
FU0,1,2,4,7	15000	11503
FV0	150F2	11503
G0,1,2,4,7	15085	11503
GPA	14007	11503
H7	151C0	11503
HG0,1,2,4,7	15182	11503
LHM	154E2	11503
LHMT	154F2	11503
LK2	15405	11503
LK3	154E5	11503
LT	164C7	11503
LT1	155F2	11503
LT2	155G2	11503
LT3	155H2	11503
MKT0,1	7E9	11503
MOI	15685	11503
MRL	15665	11503
MT1K	15687	11503
MT2K	15607	11503
MT5	156E7	11503
MT7K	156C7	115C7
MT8K	15780	11503
MT9K	15780	11503
MT10K	157C0	11503
MT12	157C0	11502
MT57	15700	11502
NOB	15880	11505
OR	15980	11505
OSC	159E0	115C7
PK	160G5	11505
RA	161F3	115C7
RA4	144G2	
RB3	144C2	115D5
RB4	144H2	115D5
RBT	161F3	
RBT1	161G3	11505
RC3	144D2	
RCT	161B5	
RCT10	161E5	115C7

REMOTE OFFICE TEST LINE (ROTL)

DESIG	LOCATION FS	LOCATION CAD
R03	144F2	115D5
R0G	16300	115C7
ROTL	163F1	115D5
RP	16360	115C7
RTP	1E/D7	
SA		SEE MTC CKT
SB	142F7	115D5
SCK	164E5	
TB	166G3	115D5
TDCT	167C5	115D5
TI	6F0,168E6	115D5
TM	6E0	115D5
TR2	16905	115D5
TRK	13900	115D5
TRL	16965	115D5
TRL1	169H5	115D5
TRL2	16987	115D5
TS	6H8	115C7
TSE1,2	17085	115D5
TSK	17005	
TST	10F5	SEE MTC CKT
TTC	17007	115D5
TTC1		
U'0	17105	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
BT	141E2	11600
BY	141G2	11608
C0,1,2,4,7	141C5	11600
CGA	142B2	11600
CG8	142D2	11600
CIB	5F7	11600
CKG1	142D7	11600
CKR	142F7	11608
CKR1	143B0	11608
CL3	143E0	
CL5	143H0	
CRU0	144C2	11600
CRU1	144D2	11600
CRU2	144F2	11600
CRU4	144G2	11600
CRU7	144H2	11600
CSG1	144D7	11600
CSG2	144E7	11600
CSW	145B0	11600
CTA0,1,2	145E2	11600
CTA4,7	145F2	11600
CTT0,1,2,4,7	145H2	
CU0	145C5	11600
CU1	145E5	11600
CU2	145G5	11600
CU4	14587	11600
CU7	145D7	11600
CUT0,1,2,4,7	145E7	
D0,1,2,4,7	146E0	11600
DATK	146E2	
DCT	146F2	11600
DIS	146C5	11600
DISI	146E5	11600
DLTK	146H5	
DNGC	14607	11606
DNGD	14607	11606
E0,1,2,4,7	147E2	11600
ECN	14785	11608
F	147G7	11608
F0,1,2,4,7	14880	11600
FAC	148F0	11606
FCK	148F2	11602
FG0	14862	11606
FG1	14885	11606
FG2	148C5	11608
FT0-3	149C5	11602
FTC	14907	11602
FTCK	149E7	11602
FU0,1,2,4,7	15000	11602
FV0	150F2	SEE MTC CKT
G0,1,2,4,7	15085	11602
GPA	14007	11602
GPB	150G5	11606
H0,1,2,4	15180	11608
H7	15180	11602
HG0,1,2,4,7	151B2	11602
HMS1	151E5	
HT0,1,2,4,7	152C0	11606
INC	152C2	11608
J0,1,2,4,7	15285	11606
K0,1,2,4,7	15385	11606
L7	153G5	11606
LHM	154E2	11602
LHMT	154F2	11602
LK2	15405	11602
LK3	154E5	11602
LT	164C7	11602
LT1	155F2	11602
LT2	155G2	11602
LT3	155H2	11602
MAK1	156G0	11602
MKT0,1	7E9	11602
MOI	15685	11602
MRL	15665	11602
MT1K	15687	11602
MT2K	15607	11602
MT5	156E7	11602
MT7K	156C7	11606
MT8K	15780	11602
MT9K	15780	11602
MT10K	157C0	11602
MT12	157C0	11602
MT57	157D0	11604
NOI	157E2	
NOB	15880	11604
OA	158H3	11608
OB	15885	11608
OR	15990	11602
OSC	159E0	11606
OTT	15905	
OV	159E5	11602
PCD	160E3	SEE MTC CKT
PCD1	160F3	11608
PCR	16085	SEE MTC CKT
PK	160G5	11602
RA	161F3	11606
RA4	144G2	SEE MTC CKT
RB3	144C2	SEE MTC CKT
RB4	144H2	SEE MTC CKT
RBT	161F3	11604
RBT1	161G3	11604
RC	161G3	11608
RC3	144D2	SEE MTC CKT
RCT	161B5	11602
RCT10	161E5	11608
RD3	144F2	SEE MTC CKT
R0G	16300	11602
ROTL	163F1	11606
RP	16360	11602
RSO	16387	11608
RS1	16387	11608
RSK	163C7	11608
RTP	1E/D7	11606
RV1	164F3	
SO-9	164G3	11608
SA		SEE MTC CKT
SB		11602
SBT	16485	11608
SCK	164E5	11602
TAN	166C3	11602
TAN1-4	166E3	11600
TB	166G3	11604
TBT	16700	11608
TBT0-4	151G5	11606
TBT5-9	151D7	11606
TBTA	16700	11608
TBU0-4	166C0	11606
TBU5-9	166E0	11606
TBUA	167E0	11602
TCA	167G0	11606
TCB	16783	11606
TDCT	167C5	11604
TF0,1,2	167F5	11606
TF4	167H5	11606
TF7	167B6	11606
THT0,1	168C3	11606
THT2,3	168C5	11608
TI	6F0,168E6	11604
TM	6E0	11604
TMK	16900	11608
TMK1	16900	11608
TOL	169F3	11608
TP1	169C5	11608
TR2	16905	11604
TRK	13900	11604
TRL	16965	11604
TRL1	169H5	11604
TRL2	169B7	11604
TS	6H8	11606
TSE1,2	17085	11604
TST	1065	11606
TT	17065	
TTO,1,2,4,7	170C7	11608
TTC	170C7	11604
TTC1	17007	SEE MTC CKT

REMOTE OFFICE TEST LINE REGISTER (ROTR)

DESIG	LOCATION FS	LOCATION CAD
U'0	17105	SEE MTC CKT
U'1,2,4,7	171F5	SEE MTC CKT
UT0,1,2,4,7	171C5	11608
VF0	171D5	11604
VF1-4	171F5	11604
VG0,1	172F0	11604
VG2	172H0	11604
VG4,7	172C3	11604
VG10	172D3	11604
X11	174B0	11604

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	17005	11987

REMOTE SWITCH SIGNAL CONTROL (RSSC)

DESIG	LOCATION FS	LOCATION CAD
RS0	163G4	808/F0
RS1	16386	808/F0
RS2	163C6	808/F0

ROUTE DISTRIBUTOR (RD)

DESIG	LOCATION FS	LOCATION CAD
HN0,1,2,4,7	15281	10587
RTK	16981	SEE MTC CKT
RTK0,1		10587
RTK2-4		10507
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		10507
TRA5-7		105E7
U0,1,2,4,7	171G1	10587

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
1TR	139D1	10600
2TR	139C4	10600
A0,1,2,4,7	139E9	10600
B0,1,2,4,7	140F9	16000
BE	166F6	16000
C0,1,2,4,7	141C6	10600
CC0,1,2,4,7	15084	10600
CF0,1	159C9	16000
CF2	15909	16000
CF3,4	159F9	16000
CKF	166C6	16000
CP0	145D1	16000
CP1	145E1	16000
CP2	14584	16000
CP3	145C4	16000
CP4	145D6	16000
CP5	145E6	16000
CP6	145G6	16000
CP7	145C9	16000
CST0,1,2,4	166E4	16000
CST7	166F4	16000
CSU,0,1,2,4	167F6	16002
CSU7	167G6	16002
D0,1,2,4	146E1	16002
D7	146F1	16002

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
DAC	16689	106D2
DRC,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
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	17089	106D5
OB0,1,2,4,7	171C6	106D5
OC0	148F4	106D5
OC1	14886	106D5
OC2	148C6	106D5
OC4	147B6	106D5
OC7	158E6	106D5
ON	201	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	170E4	106D7
TB1,2,4,7	170B1	106D7
TC0,1,2,4	173E6	106D7
TC7	15489	106D7
TCA	141C9	106D7
TCB	141D9	106D7
TH0,1,2,4,7	152B1	106D7
TXT	168C9	
TRB-0	14D8	106D7
TRB-1	14E8	106D7
TRB1-0	14E8	106D7
TRB1-1	14F8	106D7

ROUTE TRANSLATOR (RT)

DESIG	LOCATION FS	LOCATION CAD
TRST-0	1E/D1	106D7
TRST-1	1E/D1	106D7
TSC0-9	14386	106D7
U0,1,2,4	167B1	106D7
U7	171G3	106D7
WR	155E6	106D7

ROUTE TRANSLATOR CONNECTOR (RTC)

RT0	157H6	SEE CM CKT 105F7
RT0(0-7)		
RT1 RT1(0-7)	157H6	SEE CM CKT 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		101B0
D0,1,2,4	146E0	101D3
D7	146G0	101D3
E0,1,2,4,7	147E2	101D3
F0,1,2,4,7	14880	101D3
G0,1,2,4,7	15085	101D3
H0,1,2,4	15180	101D3
H7	151C0	101D3
J0,1,2,4,7	152B5	101D3
K0,1,2,4,7	153B5	101D3

SENDER TEST (ST)

DESIG	LOCATION FS	LOCATION CAD
L0,1,2,4	153F5	101D3
L7	15365	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	12B8	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	16200	66C0
SSA	165C5	
SSB	16505	
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

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
ITR	139E1	118D8
2TR	16906	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	11900
CD1	141C9	11900
CD2	141D9	11900
CD4	141E9	11900
CD7	141F9	11900
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	11808,11900
CN3	14386	11808,11900
CN4-9	14386	118D8
CON	143C6	118D4
CS0-4	14486	118D4
CS5-9	14486	118D6
CS10-14	14486	118D4
CS15-19	14486	118D6
CT0	145C1	11900
CT1	145D1	11900
CT2	145F1	11900
CU0	145C6	11900
CU1	145E6	11900
CU2	145G6	11900
CU4	145C9	11900
CU7	145E9	11900
DCT	146F4	118D6
DCT1	146H4	118D2
DIS1	146E6	118D6
DR0-5	146F9	118D8
DRC	14781	11900
DRT	147C1	11900
DTK	147B4	118D4
EXB		118D6
EXG		118D6

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
FAK	148H1	118D2
FBK	14884	118D2
FCG	148D4	118D0
FCK	148F4	118D4
FM	148F6	118D2
FML	14886	11800
FR0	148C9	118D8
FR1,2	14809	11808
FS0-2	14981	118D2
FS3,4	149C1	118D2
FTCK	149E9	11806
FTK1	149F9	11800
FU'0,1,2,4,7	150G1	11900
FUT0,1,2,4,7	15084	11808
GLH	150F6	11800
GT2	150D9	11800
GTL	150F9	11900
HG'0,1,2,4,7	151C4	11900
HGK	151E4	11804
HGT0-4	151F4	11804
HGT5-9	151G4	
HMS1	151E6	118D2
HTK1	152D1	11800
HTR	152E1	11806
IFK	152B4	118D8
ITR	152F4	11900
JC0-4	152E6	11800
JCK	152E9	11802
JG0	15381	11802
JG1	153C1	11802
JG2	153E1	11802
JG3	153F1	11802
JG4	153G1	11802
JXP1	153F4	11802
JXPA	153E4	11802
LC0-9	15481	11806
LCK	154F1	
LDT	154G1	11806
LFK	154C4	11800
LK	154C6	11808
LL0,1	16884	11900
LL2,4	16801	
LL7	154F6	11900
LLCK	15489	11900

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
LV2-9		11808
LXPA	155G6	11808
LXPI	15589	11808
MAK1	156G1	11808
MLF	156H4	11808
MRL	156F6	11806
MXT	157F1	11808
OBS1	16904	11806
OBS2	169C4	11806
ON	2A2	118D2
OTT	15906	
P0	159F6	11800
P1,2	159H6	11800
P3,4	15989	11800
P5	15909	11802
P6,7	159F9	11802
PB	16081	11802
P9	160C1	11802
PA	160E1	11802
PK	160G6	11900
PNR	160E9	11802
PRR	161E1	11900
PS	161F1	11900
RA	161F4	11804
RA0-4	16384	11808
RCY	16189	11802
RG0-3	143C6	11900
RK	162B4	11808
RK1	162D4	11900
RK2	162E4	11900
RK3	162F4	11900
RL	162G4	11902
RL2	175G4	
RN0,1,2,4,7	152F4	
RR	163G4	11806
RT0-3	164C1	11806
RTE0	164E1	11806
RTE1	164F1	11806
RTE2	164H1	11806
RTE4	16484	11806
SCB	16406	11902
SDG	16489	11902
SDT	16409	11806
SL	165E1	11808
SNK	165C4	11806
SNR	165D4	11804
SQI	165G4	11800
SQA	165H4	11800

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
STP1	16589	11804
STP2	165C9	11804
STR	3F5	11804
STRA	3G5	11806
TA	16684	11802
TB0	166C6	11802
TB1-4	166D6	11802
TB5	166G6	11805
TB6,7	166G6	11902
TBK	166E9	11800
TC1	167F1	11804
TCHK	167G4	11804
TCK	167H4	11802
TGO,1	167C9	11802
TG2-4	16709	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
TPO-4	16389	11806
TRL	16966	11804
TRS	169E9	11804
TRS1	1F/G5	11806
TRST	1F/G4	11806
TS0-3	17001	11800
TS4	170E1	11800
TS5-9	170F1	11800
TS10-14	17061	11800
TS15-19	170H1	11800
TSA	170F4	11902
TSE	170H4	11806

TEST CONNECTOR CKT FOR ACD (TCC)

DESIG	LOCATION FS	LOCATION CAD
TSQ0	17306	11902
TSQ1,2,4,7	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
XBT	174E1	11800
XCH	174G1	11804
XCL	17509	11804
XCS	174H4	11902
XMG	174C9	11802
XI	175C1	11902
XJC	175D1	11800
XJG	175F1	11800
XJS	175H1	11802
XLC	175D4	11804
XLG	175F4	11904
XLH		11802
XLO	17586	11902
XLR	174E4	11800
XLS	17506	11800
XLV	175F6	11800
XMRL	175G6	11902
XRL	175E9	11902
XSL	176G1	11804
XSS	165E9	11800
XTB1	17604	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

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TRANSFER LINE LINK MARKER CONNECTOR (TLLMC)

DESIG	LOCATION FS	LOCATION CAD
CN0		90D7
CN1		90D7
CNG	27D3	
DTF	147F1	90D7
FR0	148C9	90D7
FR1	148D9	90D7
FR2	148D9	
FRG	27D8	
MG	28F3	SEE DTM CKT
RG0,1	143C6	

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

RGG	28D3	74A2,111D0
RIK	162F1	SEE CM CKT
XHG1	174D9	
XHGA	174E9	

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

RG0-9	143B6	90E7
RG10-15	143E6	90E7

TRANSFER TEST REGISTER (TTR)

2DT	139F0	109D8
2L1	139G0	39B4,109D6
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
CGA	142B2	109D0
CoB	142D2	109D0
CIB	5E7	100C7,109D0
CKG1	142D7	109D0
CRU0	144C2	109D0
CRU1	144D2	109D0
CRU2	144F2	109D0
CRU4	144G2	109D0
CRU7	144H2	109D0
CSG1	144D7	109D0
CSG2	144E7	109D0
CSW	145B0	109D0
CTA0,1,2	145E2	109D0
CTA4,7	145F2	109D0

TRANSFER TEST REGISTER (TTR)

CU0	145C5	109D0
CU1	145E5	109D0
CU2	145G5	109D0
CU4	145B7	109D0
CU7	145D7	109D0
CWCN	145F7	109D0
D0,1,2,4	146E0	109D0
D7	146G0	109D0
DCT	146F2	109D0
DIS	146C5	109D2
DIS1	146E5	109D2
E0,1,2,4,7	147E2	109D2
ECN	147D5	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
FUO,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
HMS1	151E5	109D2
HTO,1,2,4,7	152C0	109D4
INC	152C2	109D4
J0,1,2,4,7	152B5	109D4
K0,1,2,4,7	153B5	109D4
KM	153E5	75C/H7,109D6
L7	153G5	109D4
LHM	154E2	109D4
LHMT	154F2	109D4
LK2	154D5	109D4
LK3	154E5	109D4
LOLL	154E0	76G/A7
LT	164C7	109D4
LT1	155F2	109D4
LT2	155G2	109D4
LT3	155H2	109D4
MF	156E2	109D7
MKS	7F8	100C7,109D4
MKT0,1	7E8	100C7,109D4
MOI	156B5	109D4
MRL	156G5	109D4
MT1K	156C7	109D4
MT2K	156D7	
MT5	156E7	109D4

TRANSFER TEST REGISTER (TTR)

MT3K	157B0	
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
PX1	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	
RDG	163D0	109D4
RP	163G0	109D6
S0-9	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
TBT0-4	151G5	109D6
TBT5-9	151D7	109D6
TBTA	167D0	109D6
TBU0-4	166C0	109D6
TBU5-9	166E0	109D6
TBUA	167E0	109D6
TCA	167G0	109D6
TCB	167B3	109D6
TDCT	167C5	109D6
TF0,1,2	167F5	109D6
TF4	167H5	109D8
TF7	167B6	109D8
THT0,1	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	16988	109D8

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
VFD	171D5	109D8
VF1-4	171F5	109D8
VGO,1	172F0	109D8
VG2	172H0	109D8
VG4,7	172C3	109D8
VG10	172D3	
XII	17480	109D8

TRANSFER TRUNK (TRT)

HNO,1	152B1	80B/G0
TO,1,2,4,7	166H1	80B/G0
UO,1,2,4,7	171F1	80B/G0

TRANSFER TRUNK LINK (TTL)

LCO-4	154B1	

TRANSFER TRUNK LINK CONNECTOR (TTLC)

TRA	10G0	
TSK	170D6	SEE DTM CKT
TST	10G8	

TRANSLATOR ACCESS (TA)

DESIG	LOCATION FS	LOCATION CAD
ITR	139C1	
2TR	13984	
CI	1A/B2	154A2-D2
EF	147F6	
EVG	147E9	
FTO-5	149D6	
FUO,1,2,4,7	150F1	
GC	175C9	
HGO,1,2,4,7	151B4	
OF	158C9	
OVG	159E6	
RCCK	11G5	152A4,A7
RPT	17289	
SC	16486	
SWO,1,2,4,7	151B4	
TGR	174F4	
TI	6H2	
TNK	17489	
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	
VGO-5	172D4	
XET	156G6	
XTL	164D4	
XVF	14184	
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

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	107C7
M7	156C1	107C2
N0,1,2,4	150B9	107C2
N7	150C9	107C2
STR1	3D7	107C2
STRA	3E7	107C2

TRANSVERTER (TV)

ITR	139C1	86C5,121A/A0
2L	142E4	86D2,121A/F3
2TR	13984	86C5,121A/A0
2W	163D4	86F2,121A/F3
40G	139H4	86D2,121A/F3
4L	16704	86D2,121A/F3
4W	163C4	86F2,121A/F3
50G	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	14939	86D2,121A/A3
ATO,1,2,4,7	15006	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	14186	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	17584	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	17581	86C5,121A/A0
CIFAT	142F6	86C5,121A/A0

TRANSVERTER (TV)

CK	175E6	86C5,121A/A0
CK1	176G4	86A5,121A/A0
CK2	17484	86A5,121A/A0
CKA	17684	86F2,121A/F3
CK7	176E4	86F2,121A/E3
CKG	175B9	86C5,121A/A0
CMB	145G4	86G2,121A/A0
CPO	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	14684	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
E0,1,2,4,7	147E4	86F5,121A/A3
E'0,1,2,4,7	147F4	86G2,121A/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

TRANSVERTER (TV)

FTO-3	149C6	86D2,121A/F3
FUO,1,2,4,7	150E1	86D2,121A/F3
GO,1,2,4,7	150C6	86F5,121A/A0
GC	175B9	86C5,121A/A0
H0,1,2,4	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
J0,1,2,4,7	15286	86F5,121A/A0
K0,1,2,4,7	15286	86C5,121A/A0
L	162G4	
L0,1,2,4	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
MB0,1,2	15684	86D2,121A/F3
MB4,7	156C4	86D2,121A/F3
MC	156D4	86C5,E5, 121A/A0,00
MOA	156C6	86C5,E5, 121A/A0
MRRL	17581	86C5,121A/A0
MRST	174E1	86C5,121A/A0
NAC	162E9	86C5,121A/A0
NID	149E6	86D2,121A/A3
NOB	15881	86C5,121A/A0
NSP	169D4	86D2,121A/A3
OAR0	143D1	86F2,121A/F3
OAR1	143F1	86F2,121A/F3
OAR2	143G1	86F2,121A/F3
OBS	158C6	86C5,121A/A0

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TRANSVERTER (TV)

DESIG	LOCATION FS	LOCATION CAD
OF	15889	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	17686	86G2,121A/A0
PI	174C6	86G2,121A/A0
PS	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	14506	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
RDI	145D4	86C5,121A/A0
RD2	14589	86C5,121A/A0
RD3	144F4	86C5,121A/A0
RDL	161C9	86G2,121A/A0
RK	17486	86C5,121A/A0
RL	155G1	86C5,E5, 121A/A0,E0
RLA	162G4	86C5,121A/A0
RLR	174B1	86D2,121A/F3
RNO,1,2	162F6	86F5,121A/A0
RN4,7	162H6	86F5,121A/A0
RNA	21B2	86E1,121A/D3, E3
RNTO	15866	86D2,121A/A3
RNT1	14084	86D2,121A/A3
RNT2	162C9	86D2,121A/A3
RPT	17289	86D2,121A/F3
RST0-9	14306	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	15986	86C5,121A/A0
SNC	165D6	86C5,121A/A0
SP	173F6	86D2,121A/F3
SPC	16989	86D2,121A/A3
SPL	157D9	86G2,121A/A0
T0-4	166D1	86F2,121A/F3
T5-9	166F1	86F2,121A/F3
TBL	17681	86G2,121A/A0
TBY	167E1	86F2,121A/F3
TCI	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	17489	86C5,121A/A0
TNO	169E1	86D2,121A/F3
TNR	17681	
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
TRU0	139C4	121A/A0
TRU1,2,6	167F6	121A/A0
TRU7	167H6	121A/A0
TSL	17006	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	172B4	86D2,121A/F3
VG10	172D4	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	14889	89F7,127D0
FR1-4	148E9	89F7,127D0
FR5	27F8	89D7,127D0
S0-14		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	15281	120B5,D5
AL4	150G6	120B5,D5
AL7	146C1	120B5,D5
ALS	148D1	12087,F7
AR0	144B1	120B5,D5
AR1	146E9	120B5,D5
AR2,4	158F4	120B5,D5
AR7	14089	120B5,D5
ARS	158E9	12087,D7
BA	176D4	12087,D7
DS	176F6	12087,F7
DTK	175E1	12087,F7
IPA	151B6	12087,F7
MRRL	17581	12087,F7
MRST	174E1	12087,F7
ONL	2F6	120F5
OTO	151C6	120B5,D5
RC(-)	2182	120F5
RCCK	11F5	120F5
RST0-9	143E6	87H0
RST10-15	143G6	87H0,95D1
RST16-19	14309	87H0,95D1
SP	173F6	12087,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	14366	120F5
TCN16-19	14309	120F5
TM	6G3	12087,F7
TNR	176C1	12087,F7
TRB	1482	120F5
TRCA	2848	120F5
TRCB	2848	120F5
TRCC	2888	120F5
TRL	174F6	12087,F7
TRST	18/B0-83	120F5
TTKL	17584	12087,F7
TV	151H4	12087,F7
U0	148F4	120B5,D5
U1	14886	120B5,D5
U2	148C6	120B5,D5
U4	14786	120B5,D5
U7	158F6	120B5,D5
XOST	146F4	12087,F7
XP1	17309	SEE AMAR CKT
XRB	16309	12087,F7
XRL1	15009	12087,F7
XRTL	140E9	12087,F7
XTI	17389	12087,F7
XTC	176F4	12087,F7
XTL	176D6	12087,F7
XTOK	163C9	12087,F7
XTP	17309	12087,F7
XUI	161C9	12087,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	17006	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	14980	120C0
FS3,4	149C0	120C0
FS5-9	149D0	120C0
FS10-14	149E0	120C0
FS15-19	149F0	120C0
FS20,21	149G0	120C0
FS22-26	14982	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
FTO	159C4	100D2
FTI	159D4	100D2
FU0	159D4	100D2
FU1	159F4	100D2
FU2	159G4	100D2
FU4	159G4	100D2
FU7	15986	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	300	100C4

WADS LINE CONCENTRATOR NO 2A (WC)

DESIG	LOCATION FS	LOCATION CAD
TER	149C6	100D2
TM5	172F1	100D2
TR8	12E2	100C4
TR81	12E2	100C4
TT0,1	15501	100D2
TT4	17209	100D2
TT7	146C9	100D2
TU0	148C4	100D2
TU1	173C6	100D2
TU2	140G4	100D2
TU4	15709	100D2
TU7	15884	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
TSO-3	170B1	80B/G3
TSGA	176E9	80B/G3
TSGB	176E9	80B/G3

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 93B

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

DESIG	LOCATION FS	LOCATION CARD
ITR	139C0	S7,00F S7,00B
2DT	139E0	S3,02F S3,02B
2L	142D2	SA2,31B
2LN	139G0	RA4,11F
(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
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
A8X	172F7	SA2,34B
AC	144C5, 165D5	SA2,00B, R4,13B
AC8	140E0	S4,32F
ACD	140F0	R3,50F R3,50B
ACDO	140F0	S8,12F
ACTA	155D5	RA8,03B
ACTB	155F5	RA8,04B
AD	140B2	R3,21F R3,21B
AD'	140C2	R3,23F
(AG1)	140D2	R5,50F
(AG2)	140E2	R5,21F
(AG3)	140E2	R5,52F
(AG4)	140E2	R5,53F
AGCK	140F2	RA6,23F
AK	140C5	RA3,30F
AL	140C5	R6,12F
ALO	148E0	R6,11B
AL1	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
AR1	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
ATO	155F2	S3,40B
ATO,1,2,4,7	150C5	R7,00-04B
ATI	155F2	S3,41B
AT2	155G2	S3,42B
ATKT	140C7	S8,03F S8,03B
ATT	147B0	S6,32F
AVG	140D7	R6,13F
AVK1	140E7	SA7,34F
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
BLO	152G5	RA8,40B
BLI	152H5	RA8,41B
BL2	152B7	RA8,42B
BL4	152B7	RA8,43B
BL7	152C7	RA8,44B
BL0A	141D0	RA4,12F
BLT	141D0	RA4,12F
BN	141E0	RA2,13F
BRO	152C7	RA8,50B
BRO,1	141F0	S2,40,41F
BR1	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
BT0,1,2,4,7	151D0	R7,10-14B
BW0-119	20E5-E8	
BWX0-3	20E8	
BY	141F2, 173H5	RA2,23F, SA4,54B
C0,1,2,4,7	141B5	S1,20-24F S1,20-24B
C'0,1,2,4,7	141D5	S0,20-24F S0,20-24B
CAMA	141F5	S7,41F
CAMF	141F5	S3,33F
CAMS	141G5	S3,34F
CC0,1,2,4,7	150B2	SA3,10-14B
CD0	141B7	S2,00F
(CD0,1)	142C5	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
(CDA2,4,7)	147D5	R1,52-54B
(CDA'0,1,2,4)	147G5	R0,50-53B
(CDA'7)	147B7	R0,54B
CDN	142B0	RA6,11F
(CDP0,1,2,4)	142C0	RA1,11-14B
(CDP7)	142C0	RA1,20B
(CDP10,15)	142D0	RA1,21,22B
(CDP'0,1)	142E0	RA1,23,24B
(CDP'2,4,7)	142E0	RA1,30-32B
(CDP'10,15)	142F0	RA1,33,34B
CE'	142G0	SA6,03F
(CF0,1)	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
CH0	142G2	RA7,24F
CH0,1	159B7	RA7,02,03B
CH1	142G2	RA7,30F
CH2	142B5, 159C7	RA7,31F RA7,04B
CH4	142B5	RA7,32F
CH7	142C5	RA7,33F
CI1	174E7	SA4,32B
CI2	17583	SA4,30B
CI3	174C0	SA4,23B
CI4	174E0	SA4,22B
CIFA	17580	SA4,24B
CIK	142G5	S2,21B
CK'	142B7, 167D3, 175E5	SA8,24F, SA2,33B, SA5,24B
CK0	142E7	RA3,21F
CK1	176G3	SA4,03B
CK1-5	142C7	R2,30-34F
CK2	174B3	SA4,04B
CK4	176B3	SA4,10B
CK7	176E3	SA4,02B
(CKF)	166C5	SA0,00B
CKG	142C7, 17587	SA8,10F, SA4,01B
CKL0	160D0	RA7,40B
CKL1	160G0	RA7,41B
CKL2	160C3	RA7,42B
CKL4	160E5	RA7,43B
CKL7	15380	RA7,44B
CKLS	142C5	RA7,33B
CKR	142F7	RA3,22F
CKR0	153C0	RA7,50B
CKR1	153D0	RA7,51B
CKR2	153E0	RA7,52B
CKR4	153G0	RA7,53B
CKR7	14380	RA7,54B
CKRS	160E7	RA7,34B
CLO	17083	SA0,40B
CL1	143C0	R2,41F
CL1,2,4,7	170C3	SA0,41-44B
CL2	143E0	R2,42F
CL3	143F0	R2,43F
CL4	143G0	R2,44F
CL5	14382	R2,50F
CL6	14382	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	14187	S2,00B
CMA	141C7	S2,01B
CMB	141D7	S2,02B
CMC	141E7	S2,03B
CMK	160C5	S4,14B
CN	143E2	RA6,00F
CN0,1	143F2	R5,10,11F R5,10,11B
CN0-2	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/U0,1,2,4,7	143F7	S4,03,04, 10-12F
CNR	14480	S4,24F
CNS	14480	R6,22F
CON	144C0	SA7,30F
(CPO)	14500	SA1,00B
CP0,2,4	14400	R2,00,02,03F R2,00,02,03B
(CP1)	145E0	SA1,01B
CP1,7	144E0	R2,01,04F R2,01,04B
(CP2)	14582	SA1,02B
(CP3)	145C2	SA1,03B
(CP4)	14585	SA1,04B
(CP5)	145D5	SA1,10B
(CP6)	145F5	SA1,11B
(CP7)	145B7	SA1,12B
CPTO	142G2	RA7,24B
CR	144G0	S4,21F
CRO	17003	SA0,50B
CRO,1,2,4,7	144G0	S2,50-54F
CR1,2,4,7	17080	SA0,51-54B
CRS	14482	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)	16603	S4,40-43B
(CST7)	166F3	S4,44B
CS/TO	144C5	AB2,3F
CS/T1	144D5	SA2,00F
CS/T2	144D5	SA2,01F
CS/T4	144E5	SA2,02F
CS/T7	144F5	SA2,03F
(CSU0)	139C2	S4,50B
(CSU1,2,4)	167E5	S4,51-53B
(CSU7)	167G5	S4,54B
CS/U0	144F5	SA2,04F
CS/U1	144G5	SA2,10F
CS/U2	14487	SA2,11F
CS/U4	14487	SA2,12F
CS/U7	144C7	SA2,13F
CSW	14580	RA2,31F
CTO	145C0	AB1,3F
CTO,1,2,4,7	152C5	R7,20-24B
CT1	145D0	SA1,00F
CT2	145F0	SA1,01F
CT4	14582	SA1,02F
CT7	145C2	SA1,03F
(CT'0)	162B5	S2,12B
(CT'1)	161C5	S2,13B
(CT'2)	176C7	S2,14B
(CT'4)	15883	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	14585	RA6,41F
CU0	14585	SA1,04F
CU1	145D5	SA1,10F
CU2	145F5	SA1,11F
CU4	14587	SA1,12F
CU7	145C7	SA1,13F
CWCN	145E7	SA6,30F
CWF	14680	S7,20F
CWK	146C0	R6,20F
D	14600, 171E7	S6,54F, SA3,44B
D0,1,2,4	146E0	S1,30-33F S1,30-33B
D7	146F0	S1,34F S1,34B
D'0,1,2,4,7	14682	S0,30-34F S0,30-34B
DA	175C5	SA5,50B
DAC	146C2	RA4,21F
(DAC)	16687	SA0,03B
DAT	146C2	RA4,14F
DAT1	146D2	S6,40F
DC	155B5	RA8,00B
DCC	155C5	RA8,01B
DCK	14630	S7,20F
DCKF	16280	R8,24B
DCT	146E2, 165D7	SA7,32F, SA5,54B
DCT1	146G2	SA7,40F
DCT2	146B5	SA7,43F
DCT3	146B5	SA7,41F
DISI	146D5	SA7,44F
DL0,1,2,4	173E5	SA1,40-43B
DL1-5	142C7	R2,30-34F
DL6	146F5	R2,40F
DL7	15497	SA1,44B
DLT	146G5	RA6,10F
(DN)	14687	RA2,33B
DNC	14687	R4,42F
DNK	17687	S44,13B
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
DRA0	161E0	S7,44B
DRA1	164D5	S7,50B
DRA2	158G0	S7,51B
DRA4	158F0	S7,52B
DRA7	165E3	S7,53B
DRA-EMG	154G2	S7,54B
(DRATO)	164B0	S7,42B
(DRAT1)	163C0	S7,43B
DRC	147B0	S6,32F
DRT	147B0	S8,04F
DRTO	147C0, 16480	S8,54F, S7,42B
DRTI	147D0,	A88,2F,
DRT2	163C0	S7,43B
	141F5	S7,41B
DS	176F5	SA5,32B
DTO,1,2,4,7	14700	RA0,00-04F RA0,00-04B
DTF	147F0	S6,33F
DTI	147G0	S6,34F
DTK	147B2,	SA8,51F
	175E0	SA5,14B
DTN	174C3	SA5,21B
DTW	159F3	R4,04B
DUO,1,2,4,7	147D2	R10,10-14F R10,10-14B
E	17280	SA3,50B
E0,1,2,4,7	147D2	S1,40-44F S1,40-44B
E'0,1,2,4,7	147F2	S0,40-44F S0,40-44B
E40	149E5	R0,00B
E41	149F5	R0,01B
E42	149B7	R0,02B
E80,1,2,4	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
EF0,1,2,4	147F5	RA1,22B
EF7	147G5 14787	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
F0,1,2,4,7	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	R4,43F R4,43B
FCG	148C2	S7,12F
FCK	148E2	SA8,21F
FGO	148F2	S5,50F
FGI	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/TO	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
FTO-3	14985	R1,00-03F R1,00-03B
FTO-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
FTKI	149E7	SA8,42F
FTTO	150B0	AB3,3F
FTTI-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
		RA1,11-14, 20B
FU'0,1,2,4,7	150F0	R0,04,10-13F
FUTO,1,2,4,7	150B2	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/TO,1	161G5	RA4,43,44B
G/UO,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
H0,1,2,4	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
HTO,1,2,4,7	152C0	S5,20-24F RA0,20-24F
HT'0,1	140G5	:A0,20-24B 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
(IDO,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
ITCO	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
JCO	152F5	RA8,32F
JC1	152F5	RA8,33F
JC2	152G5	RA8,34F
JC3	152G5	RA8,40F
JC4	152H5	RA8,41F
JC5	15287	RA8,42F
JC6	15287	RA8,43F
JC7	152C7	RA8,44F
JC8	152C7	RA8,50F
JC9	152D7	RA8,51F
JCK	152E7	SA7,03F
JGO	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
KO,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
LO,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
L8	153C7	S6,13F
LC	176F0	SA5,31B
LCO	153D7	RA8,11F
LC1	153D7	RA8,12F
LC2	153E7	RA8,13F
LC4	153F7	RA8,14F
LC7	153F7	RA8,20F
LCDO	15480	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
LI1	154H2	AB7,2F
LIN	154B5	RA2,11F
LIT	154B5	S8,23F
LK	154C5	SA7,02F
LK1	154D5	SA7,42F
LLO,1	168B3	RA7,14,20F RA7,14,20B
LL2,4	168D3	RA7,21,22F RA7,21,22B
LL7	154F5	RA7,23F RA7,23B
LLCO-3	154G5	SA1,50-53F
LLCK	154B7	SA1,44F
LLP	154E7	RA4,00F
(LNP)	15580	RA2,41B
(LNPR)	15580	RA2,40B
LOO	165D3	S6,23B
LOI	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
MO,1,2,4,7	15680	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	
MBO,1,2	15682	R2,10-12F R2,10-12B
MB4,7	156C2	R2,13,14F R2,13,14B
MBIO,1,2,4,7	17087	S5,30-34B
MBK	173G3	SA2,53B
MCS	156D2	RA6,31F
ME	17187	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	16583	SA6,01B
MOR	156D5	S8,20F
MOS	165E5	S8,22F
MPT	156E5	R3,52F
MRI	145F2	RA4,03F
MRL	156E5	SA6,53F
MRRL	17580	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
NDI	157C2	RA6,53F
NDK	157D2	RA6,54F
NE	157E2	SA8,12F

DESIG	LOCATION FS	LOCATION CARD
NGCT0	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	150F5	RA3,04F
NH	140F2	R4,50F
(NID)	149E5	R0,00B
NID	157D7	R4,51F
NL00	15282	S6,24B
NL01	157E7	S7,24B
NMB0	169E5	S6,31B
NMB1	152F2	S7,31B
NMF	154G0	S7,04B
NMK	14487	SA2,12B
NMR	157E7	RA6,33F
NN	157F7	R4,53F
NOB	15880	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

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FOR TABLE IE (SEE NOTE 1302)

DESIG	LOCATION FS	LOCATION CARD
OA	158G3	S3,11F
		S3,11B
OA0,1,2,4,7	150C5	R7,00-04B
(OA0,1,2,4,7)	170B7	S5,30-34B
OAR0	143C0	R2,42B
OAR1	143E0	R2,43B
OAR2	143F0	R2,44B
OB	1588S	S3,12F
		S3,12B
OB0,1,2,4,7	151D0	R7,10-14B
(OB0,1,2,4,7)	171B5	S5,40-44B
OBS	158C5	R6,52F
		R6,52B
OBS'	158D5	R4,31F
OBS1	169C3	R6,50F
OBS2	169B3	R6,51F
(OC0)	148F2	S5,50B
OC0,1,2,4,7	152C5	R7,20-24B
(OC1)	14885	S5,51B
(OC2)	148C5	S5,52B
(OC4)	147B5	S5,53B
(OC7)	158E5	S5,54B
OCN	158E5	S5,54F
OD	158G5	R3,20F
		R3,20B
OD'	15887	R3,22F
ODO,1,2,4,7	153C5	R7,30-34B
OEO,1,2,4,7	153B7	R7,40-44B
OF	15887, 158C7	SA4,50B, RA1,21B
OFO	156D0	R7,50B
OF1,2,4	156E0	R7,51-53B
OF7	156F0	R7,54B
(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
OFTO	157E5	RA5,00B
OFT1,2	157F5	RA5,01,02B
OG0,1,2,4	150B7	R6,00-03B
OG7	150C7	R6,04B
(OH5)	158D7	RA2,32B
OIK	144B7	SA2,11B
OIN0,1,2,4,7	144G0	S2,50-54B
OIT0,1,2	141F0	S2,42-44B
ON	168G0	SA0,14B
OOL	174B7	SA5,42B
OP1	175C0	SA5,02B
OPR	158E7	R6,21F

DESIG	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
OS0-4	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	15985	SA7,51F
OST2	159C5	SA7,53F
(OT)	166E5	SA0,01B
OT0	15185	SA3,34B
OTK	153D2	SA2,51B
OTT	159D5	RA6,51F
OV	159E5	RA2,22F
OVG	159E5	RA1,34B
P	176B5	SA5,13B
P0	159F5	AB7,11F
P1	174C5	SA5,30B
P1,2	159G5	RA7,00,01F
P2L	164D0	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	RA7,10,11F
P8	16080	RA7,12F
P9	160C0	RA7,13F
PA	16000	RA7,40F
PAK	175C3	SA5,23B
PAN	160F0	RA4,04F
PB	160G0	RA7,41F,
PBN	16083	RA2,03F
PBX	16083	S6,42F
PBX1	160C3	RA3,14F

DESIG	LOCATION FS	LOCATION CARD
PC	160C3	RA7,42F
PCD	160D3	S3,31F
PCD1	160F3	S3,32F
PCK	160G3	S2,10B
PCR	160B5	S3,30F
PD	160C5	S4,14F
PE	160E5	RA7,43F
PERF0-2	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)	160B7	RA2,34B
(PML)	160C7	RA2,42B
PN	160D7	RA2,00F
PNR	160E7	RA7,34F
POTS	159E3, 160F7	R4,03B RA4,02F
PR	161B0	RA8,22F
PRCY	163F3	S6,22F
PRE	176C3	SA5,11B
PRL	142C2, 161C0	SA2,30B, S2,11B
PRLK	144C7	SA2,13B
PRR	161E0	S7,44F
PRT	156D5	S8,20B
PS	161F0	S4,13F
PS1	161G0	S7,23F
PSR	170D7	RA8,23B
PT	176D5	SA5,22B
PT1	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, 163B3	SA1,22B, S6,12F
RA5	173G0	SA1,31B

DESIG	LOCATION FS	LOCATION CARD
RB	161F3	SA4,53B
RB1	145E0	SA1,01B
RB2	145D5	SA1,10B
RB3	144G2	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	162B0	RA8,24F
RG0	160B5	S3,30B
RG1	160D3	S3,31B
RG2	160F3	S3,32B
RG4	141F5	S3,33B
RG7	141G5	S3,34B
RG/T0	143D7	S4,00F
		S4,00B
RG/T1	143E7	S4,01F
		S4,01B
RG/T2	143E7	S4,02F
		S4,02B
RG/U0,1,2,4,7	143F7	S4,03,04, 10-12F
		S4,03,04, 10-12B
RGK	144E5	SA2,02B
RH	162D0	R4,21F
RI	162E0	RA2,14F
RIK	162E0	SA6,02F
RIP	162F0	RA4,10F
RIW	162G0	RA3,00F
RK	162B3, 162C3, 174B5	SA7,01F, S2,22B, SA4,14B
RK1	162C3	SA8,33F
RK2	162D3	SA8,34F
RK3	162E3	AB7,3F

DESIG	LOCATION FS	LOCATION CARD
RL	155G0, 162G3, 174G3	S7,13B, SA7,11F, SA5,44B
RL1	149E2, 155C2, 175C5	SA0,23B, S7,14B, SA5,50B
RL2	149F2, 175G3	SA0,24B, SA5,57B
RLK	149D2, 16285	SA0,22B, S2,12B
RLR	174B0	SA4,34B
RN	165G0	SA6,00B
RN0	162C5	R3,00F
RN0,1,2	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	16287	RA3,33F
RNK	16287	AB6,3F
RNT0	158G5	R3,20F R3,20B
RNT1	14082	R3,21F R3,21B
RNT2	162C7	SA7,54F R3,24B
RNT20	162C7	R3,24F
RNT'0	15887	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	142B2	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	16383	S6,12F
RP4B	163C3	S6,01F
RPB	163D3	S6,00F
RPK	163E3	RA6,04F
RPSA	163E3	S6,02F
RPT	172A7	SA3,30B
RR	163F3	S6,22F
RS0	163G3	SA3,52F
RS0-4	16387	RA4,23,24, 30-32F
RS1	153F7, 163B5	RA8,14B, SA3,53F
RS2	153F7, 163C5	RA8,20B, 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	16387	SA7,33F
RSG1	173D0	SA2,43B
RSG2	173D0	SA2,44B
RSG3	173G5	SA2,50B
RSK	163C7	RA3,44F
RSMX	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	16480	S7,42F
RT	163G3	SA3,52B
(RT)	164C0	S8,32B
(RT0,1)	157G5	RA5,03,05B
RT0-4	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)	16980	RA4,22B
RTOS	1285	
RTRS	17280	SA3,50B
RTST	16385	SA3,53B
RUK1	164C3	SA6,32F
RV	164E3	S7,40F
RV1	164E3	S4,33F
RWL	152B2	S6,24F
RYK	164F3	RA6,42F
SA	168B3	RA7,14B
SAE	16485	RA3,31F

DESIG	LOCATION FS	LOCATION CARD
SB	16883	RA7,20B
SC	16485	R4,24F
		R4,24B
	168C3	RA7,21B
	17585	SA5,52B
SCB	164D5	S7,50F
SCH	15983	R4,11B
SCK	164E5	S4,23F
SCN	164F5	S4,22F
SD	141F7, 168D3	S2,04B, RA7,22B
SDG	164B7	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
SLK1	165G0	SA6,00F
SLK2	16583	SA6,01F
SM	153D7	RA8,11B
SNC	165C5	R4,12B
SNG	150E5	RA3,02F
SNK	165C3	SA8,23F
SNR	16503	S6,23F
SOG	165E3	S7,32F
SON	165E3	S7,53F
SP	149B5, 172C0, 173F5	S40,33B, SA3,51B, SA6,12B
SPA	142G0	SA6,03B
SPC	140F5, 169B3	R2,54F, 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)	16585	R5,42B
(SR2)	168F3	R5,43B
(SR3)	168G3	R5,44B
SRK	16585	RA3,52F
SRT	147B0	S8,04F
SSA	165C5	R4,12F
SSB	165D5	R4,13F
SSTI	165E5	S8,22F
(STL0-4)	165F5	RA1,40-44B
(STLS)	165F5	RA1,50B
(STMM)	165G5	RA5,54B
STP1	16587	RA8,52F
STP2	165C7	RA8,53F
STR	388	
STRA	3F8	
SW	168G0	SA0,20B
SW0,1,2,4,7	150F0, 151B2	R0,04,10-13F R1,30-34B
SWI	14902	SA0,21B
SWAT	170E3	SA1,54F
SWT0	149E5	R0,00F
SWT1	149F5	R0,01F
SXT	16507	SA5,54F
SY	174G5	SA5,53B

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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
TA	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
TARO	143G0	R2,50B
TAR1	143B2	R2,51B
TAR2	143B2	R2,52B
TAR3	143C2	R2,53B
TBO	166B5	AB0,3F
(TBO)	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
TBI	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)	15487	SA1,44B
(TCA)	141C7	S2,01B
TCA	167G0	S4,30F
(TCB)	141D7	S2,02B
TCB	16783	S4,31F
TCGA	167C3	SA2,32F
TCGB	167D3	SA2,33F
TCH	167E3	RA3,43F
TCHK	167G3	SA7,04F
TCK	167H3	RA6,50F
TCK1	16785	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	150D0	R1,04,10-13B
(TH'0,1,2, 4,7)	150F0	RA1,11-14, 20B
TH'1	168E3	R6,44F
TH'2	168F3	R5,43F
TH'3	168G3	R5,44F
THC	169B5	S3,14F S3,14B
TI	168D5	S8,00F S8,00B
TIA0-3	163B3	S6,03,04, 10,11B
TIN	168G5	RA2,12F
TIR	168G5	SA6,44F
TK	16887	SA7,10F
TKT	168C6	S8,10F
TLR0	143E2	RA6,00B
TLR1	16985	RA6,01B
TLR2	16985	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, 17487	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	RA5,02F
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	16987	S2,24B
TRN	16987	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	147F0	S6,33B
TS0-3	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 (TSC/T0) (TSC/T1) (TSC/T2) (TSC/U0,1, 2,4,7)	170E3 143D7 143E7 143E7 143F7	SA1,54F S4,00B S4,01B S4,02B 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
TTO,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	14885	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 UT'0,1,2,4,7	171B5 144G0	S5,40-44F S2,50-54F

DESIG	LOCATION FS	LOCATION CARD
VFO	171C5	R1,40F R1,40B
VF1-4	171E5	R1,41-44F R1,41-44B
VF'0-4	171F5	R0,40-44F
VFT0	17187	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 VU4,7	162F5 162G5	R2,20-22F R2,23,24F
W WAT	159G3 172E7	R4,10B 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
WLO	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
X11	173B0	S3,04F S3,04B
XAB	174BG	SA4,34F
XAN	175G5	SA4,11F
XBRL	174C0	SA4,23F
XBT	17400	SA5,10F
XCE	174E0	SA4,22F
XCH	174F0	SA4,12F
XCK	16865	SA6,44B
XCKR	17483	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	175G3	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
XS	146D5, 176D0	SA7,44B, AB4,3F
XSA	174E7	SA4,00F
XSC	176E0	SA4,21F
XSL	176F0	SA5,31F
XSS	165D7	SA5,54F
XST	155D7	SA6,14B
(XST)	159E7	SA4,33B
XT	176B3	SA4,10F
XT1	17387	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
XTS1	176F5	SA5,32F
XTV	174D0	SA5,10F
XU	173D3	SA6,34B
XU1	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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5		102(3), 146(3)	APP FIG 5
6		102 (4,5), 146(4)	APP FIG 6
7		102(9), 146(6)	APP FIG 7
8	A&M 20D	102 (4,5)	APP FIG 8
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10	MD 20D	303	APP FIG 10
11	STD 20D A&M 40AC	102 (10,35), 160	APP FIG 11
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14		102 (17), 146 (16)	APP FIG 14
15		102 (17), 146 (16)	APP FIG 15
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17		102 (17), 146 (16)	APP FIG 17
18		102 (17), 146 (16)	APP FIG 18
19		102 (17), 146 (16)	APP FIG 19
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22		102 (17), 146 (16)	APP FIG 22
23		102 (18), 146 (17)	APP FIG 23
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29		102 (17), 146 (16)	APP FIG 29
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32	STD 5D	102 (63), 146 (67)	APP FIG 32
33	STD 5D	102 (63), 146 (67)	APP FIG 33
34	STD 5D	102 (63), 146 (67)	APP FIG 34
35	STD 5D	102 (63), 146(21, 67)	APP FIG 35
36	STD 5D	102 (63), 146, (67)	APP FIG 36
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38	STD 5D	102 (63), 146 (67)	APP FIG 38
39	STD 10D	102 (30), 146 (25), 302	APP FIG 39
40	STD 10D	102 (30), 146 (25), 302	APP FIG 40
41	STD 9D	102 (5), 146 (5)	APP FIG 41
42	STD 9D A&M 40AC	102 (12), 1144	APP FIG 42
43	STD 12D	102 (27), 146 (23), 176, 177, 185, 1194	APP FIG 43
44	STD 12D	102 (27), 146 (24), 176, 177, 185	APP FIG 44
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49	STD 20D	102 (79), 146 (79)	APP FIG 49
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53	STD 79D	102 (18), 146 (17)	APP FIG 53
54	STD 82B	102 (78), 146 (9)	APP FIG 54
55	STD 79D	102 (18), 146 (17)	APP FIC 55
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59	STD 96B	102 (90), 146 (86)	APP FIG 59
60	STD 96B	102 (90), 146 (86)	APP FIG 60
61	STD 96B	102 (90), 146 (86)	APP FIG 61
62	STD 96B	102 (90), 146 (86)	APP FIG 62
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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
177	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 177
178	STD 52D	146 (50), 1108	APP FIG 178
179	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	APP FIG 179
181	STD 62D MD 79D	1166	APP FIG 181
182	STD 62D	102 (69), 146 (18), 1146	APP FIG 182
183	STD 62D	102 (52), 146 (54)	APP FIG 183
184	STD 62D	102 (52), 146 (54)	APP FIG 184
185	STD 66D MD 92B	146, 1185	APP FIG 185
186	STD 68D	102 (55), 146 (85)	APP FIG 186
187	STD 70D	102 (59), 146 (64)	APP FIG 187
188	STD 70D	102 (60), 146 (65)	APP FIG 188
189	STD 71D	102 (63), 146 (67)	APP FIG 189
190	STD 71D	102 (63), 146 (67)	APP FIG 190
191	STD 73D	102 (63), 146 (67)	APP FIG 191
192	STD 73D	102 (63), 146 (67)	APP FIG 192
193	STD 73D	102 (63), 146 (67)	APP FIG 193
194	STD 73D	102 (64), 146 (69)	APP FIG 194
195	STD 73D	102 (64), 146 (69)	APP FIG 195
197	A&M 70D	102 (70, 71), 1152, 1154	APP FIG 197
198	STD 70D	1155	APP FIG 198
199	STD 77D	102 (74), 146 (73)	APP FIG 199

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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 20D	102 (37), 113	12B1
W	MD 5D	113	SEE NOTE 104
V	STD 5D A&M 20D	107, 113	SEE NOTE 104
T	STD 5D A&M 20D	113, 302, 1183	1C/H5
S	STD 5D A&M 20D	106, 113	45G1,46B3,46F1
R	MD 8D	113, 1148	55E8
Q	STD 8D A&M 10D	105, 115	4B66,C6,119G4
N	STD 7A A&M 20D	106	30B5
M	STD 10D A&M 91A	102 (30), 146 (26), 302, 1183	18/G8
K	STD 10D A&M 20D	102 (30), 113, 302	15C2,D0,D2
J	MD 10D	113	3B4
H	STD 10D A&M 20D	109, 113, 185	APP FIG 1,3B4
G	STD 10D A&M 20D	102 (30), 302	3B5
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, 113	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,E9,10C1,C7,D7, G6,43E6,49A8, 51B8,52D0,54A3, F3,G3
ZJ	STD 10D A&M 20D	102 (13)	50G5,122B6
ZK	MD 10D	113, 125, 1149	32D8,56A3,B8
ZL	STD 10D A&M 20D	102 (13)	50A8,B8,122B8, 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	39G6,H5,H6
ZU	MD 12D	113, 119	32E3
ZV	STD 12D A&M 20D	113, 119	31F8,32E3
ZW	STD 97A (AC)	1124	43B0,99G0,140B6
ZX	STD 12D A&M 20D	113, 120	31G1,33A3
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, 140B5
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 2,33B, 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-G9,31B2-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
YY	STD 16D A&M 20D	126, 142	44D3,F8
YZ	STD 15D A&M 20D	113, 124	32C8
XA	MD 15D	113, 124, 125	32D8
XB	STD 16D A&M 20D	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, 302	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)	98G,D8
XK	A&M 20D	102 (14)	6A8,B8,C8,F1, H1
XL	STD 20D	102 (79), 149	9C5,46F9
XM	A&M 22D	102 (79), 113	46B8
XO	STD 100B	102 (89)	32C6,42B6,C6
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, D8,43E7,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	98A,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 IA
WC	STD 20D	102 (20)	APP FIG 22,12C3, H3,13E6,G6
WD	STD 20D	102 (20), 1154, 1164	APP FIG 22,29, 12D3,26G6, 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, 125B9
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, 98), 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	60E3,64B8,G5, 99D3,102D6,E6

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
UK	STD 32D	164, 166, 1104	42F5,48D8,E8, 51E5,56B0, 77C3,84F5,G5, 88C3,D3,94C3, 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
UQ	STD 36D MD 38AR	304	61D6,62B1, 65C1,D1,F1, 69B4,D4,E4, 76H4,100C4, D6,102C8,10683, 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

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UW	STD 39D	168	61E8,63A6,77D1, 78A9,10085,101E6, 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,E1,6458, 72B4,E4,G6,75B6, 76F1,80B3,C0,C3, E0,F0,G0,86B6,E6, 91B1,9504,10288, 10984,E1,1110D9, 112C4,115C8,D8, E8,G8,11680,C0, 117A1,122D4,132F1, 142F9,151C9,F6, 154C4,E9,155A3, F1,15983,F0,G0, 166B1,E1
TB	STD 39D	172	64F9,102A9
TC	STD 39D	174	9681,133E3
TD	STD 39D	175	56F8,G8,96F1,G1, 13386,C6
TE	STD 39D	173	76B6
TF	STD 39D	102 (40), 146 (41),	5088,51F0,52B3,B5, C3,5483,86D8,E8, G8,87B1,E5,89B5,C5, F8,91C3,12288,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)	384
TV	STD 43D	102 (39), 146 (43)	385,14A7,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,B8,13305, 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	87B9,C9,123D6,E6
SC	STD 45D	189, 190	59D6,F3,62C1, 64E8,F8,66A6, B6,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, 91G3,10983,F0, 110D9,114D5, 117D3,119E5,F5, 12080,122D3,G1, 123D3,E3, 126E0
SK	STD 43D	192	74E4,91B3,110F6, 127F3
SL	STD 45D	146 (39), 1101	APP FIG 151,164, 5906,F3,60E3, 6681,C1,67D1, 75A8,F6,76C3, 81F6,82F3,G6, 84C8,86G3,8888, D8,E8,F5,F8, 89F1,95F1,139E6, F3,140F6,G6, 146D3,147G1, 154F5,155C3, 161D8,E8,166A1, 16883,D3
SM	STD 45D MD 49AR	1100, 1101	60D3,7588, 8266,95G1
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	9480,13085
SY	STD 52D	102 (25), 146 (49), 1107, 1108, 1161	TABLES 4H,I,J, K,L
RA	MD 45D		65E4
RB	STD 45D	195	6468,6504,10288
RC	STD 45D	197	59E0,E5,63E0, F0,67B3,F5, 7083,E3,76E3, 8688,D8,E8,G8, 87C1,G5,89F8, 91C3,9805,F0, 101D3,E3,10488, F3,107E3,G3, 120E5,12285,C8, E6,F6,H6,123C5, 12680,127G3
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	168/G1,125E3
RM	STD 52D	146 (50), 1108	APP FIG 178,1082-B6,168/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, E1,17A2,82,D1, E1,26H3,2880
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, 10298
RT	STD 55D	102 (45), 146 (51)	33C3,6508, 89F3,103E3, 169A1
RU	STD 55D	102 (34), 146 (39)	76D4,112F4,G4, 11504
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, 159BC
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, 8088,8888,D8, E8,F5,F8,112D3, E3,116H3,124B5, DE,F3,F5,G5, 154F5,155C1,E1, 16083,16883,D3
QB	A&M 54AC	1112	66C5,C6
QC	STD 55D	1113	6300,F0,101D3, E3,142G8,14380
QD	STD 55D	146 (67, 83)	13508,136F8
QE	STD 56D	164, 188, 1117, 1118, 1193	168/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)	5985,E3,6088,C5, C8,D5,E5,F5,G5, 9885,E3,1C0B3, C3,D3,E3,F3,G3, 139C5,D3
QJ	MD 56D		35F5,66C8,104E0
QK	STD 56D		35F5,66C8,104E0
QN	STD 56D		
QQ	STD 56D	1122	122B5,166D3
QQ	STD 59D	1125	76E6,112F6,155E6
QR	SPL 58A	1123	68B3,G0,148C5,D5
QT	STD 59D	1126	6786,104E5,147D8
QU	STD 60D	1131	91G3,H3,170C8,D8
QV	STD 59D	146 (69), 1127	88G3,124A8,88, 168E3,F3
QW	STD 59D	1128	67D8,7685,79B3, G0,80E8,G8, 81G0,88D5,10580, 112C5,115C0,E0, 116D5,D8,E5,148F0, 155H3,158A5,G3, 160E3,F5,G3, 16885,176E3,G3

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
QX	STD 59D	1129	5985,9885,13985
QY	STD 59D	1130	52D3,89E5,125E5 169F0
QZ	STD 60D	1132	80F8,G8,81C0, 116D5,F5,G5, 16CB5,E3,G3
PA	STD 62D	1166	386
PB	STD 62D MD 79D	1166	3B6
PC	STD 59D	1133	8688,C8,E8,F8, 8781,D1,E6,F6, 12288,C6,C8,D6, F6,G6,123G3, 166C3,E3,F3, 16783,G1
PD	STD 62D	1137	77E6,113B5, 156E8
PE	STD 62D	1135	5400,127D3, 170C5
PF	STD 62D	102 (52), 146 (54), 1146	387,15E2,F7
PG	STD 62D	102 (52), 146 (54)	387,15F1,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, 37E1,F1,52A3, 88,H0
PK	MD 62D	1138, 1139	41D3,E3,88C8, G5,124C5,C6, G3,16883,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	3303,3586, 41E3,F3,4601, 4981
PQ	STD 62D	102 (53), 146 (55), 1140	4981,8488, 12083,164E3
PR	MD 64D	1141	30C9,42D1, 12386,G3
PS	STD 64D	102 (54), 146 (56), 1141	30C9,42D1, 79C1,85E8, 11408,121E3, 140F6,158G1
PT	STD 66D MD 92B	1185	APP FIG 179,14288, 147C8,155H5,16386, C6,G3,17306,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)	6781,91G1, 13966,147E0
PX	STD 39D	102 (33), 146 (39), 1124, 1145	63C1,101C3,C4
PY	A&M 68D	1124, 1149	3906,H6,4341, F5,F6,4400, 45C5,49H5, 6001,7988,C8, D8,8305,8585, 140B5,B6,15900, 162E8,16581
PZ	A&M 68D	1124	APP FIG 8,16A/D4, D5,99H0,H1,11505, E5,11900,121A0
0A	A&M 100B	1191	45E6,79E8,115F5,15900

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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,G6B3,G0, H0,1C6C3,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)	43G0,77C5, 113F3,156C8
OE	STD 70D	102 (57), 146 (62), 1146, 1186	APP FIG 1,13E0, F0
OF	STD 69A	1147	48C3,83B8, 114F1,163C1
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,E0,1098I, 114E8,F8,121F8, 1448J,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, 14F0,24F5,6688, 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, 89A0,124C8,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 1F
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, G6,14086,F4, 142B1,143D4,E4, 145B6,146G6, 147D9,156D4, 157C4,D4,E9, 159D5,161D9,E9, 163E4,G1,164F4, 167H4,168E9,F9, 16986,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, 146C5,15488, 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		85G3,9186,12008, 127E6,164F8, 170E8
NN	STD 76A		85G3,9185,164F8, 170E8
NO	STD 77D	102 (74), 146 (73)	9486,C8,D3,E1,E8, G1,H6,SH B95,SH B96 98C3,C8,D1,9983,C8, E1,E3,G3,100B3,F6, SH B101,102C3,C8, F1,F6,G8,10381,B6, E8,F3,G6,10483,E1,F1 H1,SH B105,10686, D6,E8,F8,H3,107B1, C1,D1,D9,E6,F9, SH B108,10986,88, C1,E3,E8,G4,110C4, C6,D4,F4,G4,111B1, B4,B6,B8,11288,D1, D6,E8,F6,G1,113D4, D9,F1,114E1 F1,G1, 11684,C4,D4,E9,F1, F9,11784,D1,D9,E1, 11884,C4,E4,F1,G1, SH B119,12088,C1, F6,SH B121,122E3, F8,SH B123,SH 124, 12583,D1,F6,G3, 12633,D6,F6,G3, 12783,C1-G1,E3, 12888,D6,D8,E8,F6, H6,SH B129,SH B130, 131C6,D1,D8,E8,F1, F6,SH B132,13303, 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, F3,15381,C1,E1,E3, F1,F3,G1,15481,B8, C3,C6,E1,F6,G1
NO	STD 77D	102, (74), 146 (73)	15586,G6,156F6, G1,H3,157F1, 15906,F6,F8, H6,16081,C1,E1, E8,G6,16188,E1, E3,F1,16283, D3,E3,F3,G3, 163A3,B3,B8, F3,SH B164,16588, C3,D3,E1,E8,G3,H3, 166B3,B6,D6,E8,F6, G6,167C8,D8,E8,F1, G3,H3,16881,B3,B8, C1,D1,D3,D6,169C1, C3,D3,D6,E8,G6, SH B170,17181,B8, D8,F6,F8,SH B172, 173C8,D6,E6,E8, 174C3,C6,C8,D1,E3, G1,H3,SH B175, SH B176
NP	STD 77D	102 (74), 146 (73)	14G7
NQ	STD 77D		12F1,14G7
NR	STD 81D		TABLE 1,1A,1B & 1E,8000,E0, G0,96D8,10388, 115C8,D8,E8, 143C0,167E8, 16881,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,H4,5906, 60C8,6188,C1,C8, F6,G6,SH B62,6386, E8,F3,64D2,D4,G2, 65D3,E8,66B6,F3, SH B73,74C9,D9,E3, E9,G9,7586,C1,D1, E1,77E1,G3,7888,C6, D6,E6,F1,F8,G1, 80E1,81D3,F3,82E3,F3 G3,H6,SH B84,85H3, 86C3,93,8748,88,G8, 8888,D8,F6,F8,G8, 90G1,9146,B1,C6,E3, E6,G3,H6,94F6,95A8, C1,D1,D3,F1,99C8, F6,SH B100,10139, D6,E6,E9,10282, 10348,104C0, C6,E6, F6.
NT	STD 79D	102 (18), 146 (17)	105F3,109F8,G8, SH B110,SH B111, 112C4,11301,D4,E4, 11488,C1,E1,E6,F1, G1,SH B116,117C1, G8,118E1,11988, D8,E6,E8,F6,G6, 12006,F8,G3,121C8, E6,12486,D6,F3,F6, G6,126C3,12706,F6, 120E8,G8,130C1,D1, F1,G1,131G3,132D4, F1,13386,C6,F3,G1, G3,134C6,141G1, 14246,B6,C6,G3, 143B1,D9,E7,G7, 14401,F3,G3,H3, SH B145,147E6, 14986,D3,E3,F3,G3, 15288,C8,D8,E8,F6, G6,H6,SH B153, 15488,G6,155B6,C6, D6,F6,G6,159A8, C8,16081,D1,D3, E1,F6,F8,G1,16281, 174C8,F6,G6,H3, 17586,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, G2,10189,E9, 10282,127E5, 143D7,D8,G7
NX	STD 79D	102 (18, 22), 146 (17)	59E9,G9,6066, 6184,C9,E4,6509, 6681,F2,67D1, D2,D4,G1,H6, 72C9,F6,77E9, 80F6,82E4,F6, 8306,85E7,9809, 9981,E6,10081,D1, 1010I,10387,C4, 104C4,C9,D4,G4, 10986,E6,11386, 116E4,117E9, 11869,121F2, 123D9,124C1, 125E1,1286I, 13089,C9,E9,G6, 13189,E4,E6,G1, 13281,B6,D1, 13382,B4,D2,D9,G6, 134C1,C4,14081, D1,14181,B6,E4, E6,142E6,F6, 145E9,14684, 147C4,E9,F4, 152D4,G1,159E9, 160E1,161C9,16786, E6,168F6,G6, 171D4,17484,C2, C4,C6,E2,E9, 17531,B4,C1,C9, E9,F1,17681,B6, D6,E1,G1,G6
NY	STD 79D	102 (18), 146 (17)	APP FIG 29, 10188
NZ	STD 79D	102 (20), 146 (17)	APP FIG 29 101E8,10281
LA	STD 79D	102 (18), 146 (17)	1B/C2
LB	STD 81D	102 (77), 146 (78)	37D5,E5,45A3,F0, 53F8,54A0, 6888-G8, 65,6980,C0,D0,G0, 9088-F8,E5,F5,10588 D8,E8,10680,C0,D0, 126C5,C8,E8,F5, 12780-F0,14983,C0-H0,C3,170C0-H0
LC	STD 80A	1163	87G3,123B3
LD	STD 79D	102 (66), 146 (75)	38C8,48D3,52H5, 7001,81C6,83C8, 107E8,117F1,119F1, 105E8,161G1,163D1
LE	STD 78A	102 (67), 146 (76)	37D5,E5,45B3,F0, 53F8,54A0, 6888-G8, G5,6980-E0,9088, C5,D8,E5,E8,F5, F8,G3,105C8-G8, 10680-D0,12688,C5, E8,F5,12780-F0, 149A0,A3,C3,D0-G0, 169C0-G0
LF	MD 79D	1167	14D8,E8,F8
LG	MD 79D	1167	5983,C1,C8,60D1, D3,61C3,G3,6388, 64B1,F6,6588, 66A8,67B3,C1,E3, G6,SH 868,6906,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, 10206,10383,H1, 10486,C8,E1,F1, SH B105,10606,E6, 10758,G3,G8,108C1, 109C4,D8,E1,110C8, D6,H6,11208,G6, 113E8,114A3,B4,C6, D4,F4,11584,C1,E1, 11721,11881,F1, 120G1,121F3,122E1, 125C4,E3,126C6, 12786,12801,E3, 139C3,D1,D3,E8, 140A8,C6,G1,141C8, D8,14346,146E1,F8, 14796,81,E3,14881, B6,C6,F3,150A3,B6, B8,15181,C1,15281, B6,15386,F6,G6, 154A8,G6,155E6, 156A1,C1,157H6, 158E6,F1,G1,159C8, D8,F8,161E1,164B1, D6,165E3,16688,C6, D3,E6,F3,F6,G1, 167B1,C1,F6,G6, 168C8,169B1,170B1, 88,C3,D3,E3,171C1, C3,G1,173E6,
LH	MD 79D	1167	68D3,7386,C3-F3, C6,G1,H3,7488,C8, D6,E6,E8,F8,G6, 75A1,C1,C6,D1,85H3, 91G6,105F3,109F8, G8,11081-G1,F8, 111B1,84,D4,D8,E1, F4,G1,G4,12788, 145A3,C1,C3,C8,D6, E1,E6,G6,
LI	STD 79D	102 (22), 146 (17), 1167	62C1,66G2, 67D2,70D6, 7489,D6,D9,E9, F6,75B1,B6,D1, E1,7988-G8,85F7, 86H1,94F8,95C9,D9, 96F4,100B1,107F6, 110E9,SH 8111, 1144I,115B6-G6, 120F8,121F2,G6, 131F4,F6,13382,B9, D2,141E4,144C4,F3, 14586,B9,C8,D4,D6, E1,F9,G1,155C8, 1594G,E3,F3,G3, 162E9,165C6,D6, 172C2,E2,175B1, 176C3
LJ	STD 79D	102 (20)	98G7,99B1,E6, 100E1,101D1,E1, 103C4,C7,G4, 104C4,D4,D9, G4,G9,109E6, 113C9,116E4, 117F9,11869,121E2, 123D9,12401,125D6, F1,128G1,130B9, C9,D9,13186,C1, C9,D6,E4,G1, 131A1,C6,D1,D4, F4,133B2,B4, D9,E2,H6, 134A1,C4
LK	STD 79D	102 (20)	10684,D4,F4, 119F4,G4
LL	STD 79D	102 (20)	101B1,103C7,G4, 107F6,108C4, 111B1, 84,B6,C9,E1,E4, 11481,115C6-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)	66E2,6984,D4, E4,76C4,84F1, G1,89E6,94F6, G4,95A6,103G4, 104G9,10684,D4, E4,119E4,G4, 125D6,131A6,C1, 132F4,14989,E6, F6,153F4,163C4, D4,169E1,172F1, 173F1,175F6, 176A4,E4
LO	STD 79D	102 (20), 146 (17)	6683,E2,68C4, 71D3,74D1,F9, G6,8288,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,D1,9686, G3,98E8,F8, 99C1,F6,100E1, 103D3,104D8, G3,113A9,116D2, 129A8,131C3, C8,E8,13286, 133C8,13481, B3,B6,14081, C1,D1,14181,D6, 146A3,147F3, 148D1,151C6, 17309,174D3, D6,175C3,G1, 176A6,C1,C2, E6,F1
LQ	STD 79D	102 (20), 146 (17)	6G3,6083,C6,E6-F3, 64E3,65E6, G6,66A1,F6, 6788,C8,6986, 7006,7246, 74D1,75F3,7709, 7906,8004,91E3, 9201,9388, 95C8,E8,9683,F3, 9983,H3,101C1, 10283,C6,10301, E6,104D1,E8,F8, 10686,107F6, 109E3,11188, 113A9,115F3, 116D2,12786, 130C3,13381,B3, B9,E1,F6,140C6, D8,E8,F8,14481, 146C1,E8,F3, 14786,148A6, C6,D1,E1,F3, 150C8,G6, 158E8,F3,F6, 163C8,D8,17186, 17309,F6,174E1, E6,175B3, 176C2,D3
LR	MD 79D	102 (20)	98E8,F8,99B1,F6, 100F1,103D3, 104D8,G3,11389, 116D2,12988, 13188,D8,132B9, 133C8,13446, B1,D3
LS	A&M 79D	102 (20)	6G4,99C3,H3,101C1, 102B3,C6,103E1, E6,104E1,E8,F8, 106C6,107G6, 111C8,11389, 115F3,11602, 12786,128D3, 130C3,133C1, C3,C9,E6,F1
LT	MD 79D	1167	85D8,88D1,121D3, 12481,163C1, 16181
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, 112B5
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, 30F5,3180,32D3, G3,3488,C8, 37E0,F0,3880, B3,C3,D3, 3983,41C0,D8, G3,G6,4360, 44C0,E0,4765, 4980,G0,50E0, 5180,52E0,53A5, E3,5583,F5
KD	STD 83D	102 (79), 146 (79)	6D8,11A2,33B3, 37C0,3988,D3, 4180,43F1,48G0, 50E5,52E3,55A0, 62E8,7283,E3, E5,75F3,7785, 8163,8385,8685, D5,8905,91E8, F8,G8,101F0, 10983,E0,G3, 11188,113G3,11700, 118E8,121F0, 122C3,125E5, 12883,C3,14288, 151C8,F5,152F0, 154C3,161F0, 16303,16681, 16903,F0,171F3, G3
KE	STD 830	102 (79), 146 (79)	6D8

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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OPTION INDEX

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, 16188,17105
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

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
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)	18/H9
KS	A&M 84A	1174, 1179	10/B9,16A/B1,D1, 26H3
KT	MD 84A	1174	10/A9,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,B6,C6,32C1-G1,F6,G6,36C6, D6,E1,37C6,38F8, G1,G3,G8,H1,H3, 42A3,D0,44B3,48E8, 54F0,59C9,G3,60F6, 61C4,65C9,H6,67C4, F6,70E4,71C1,78D8, 79G3,83G3,84G0, 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	45D8,47B3,8C63, 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	1D/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

ISSUE 101A

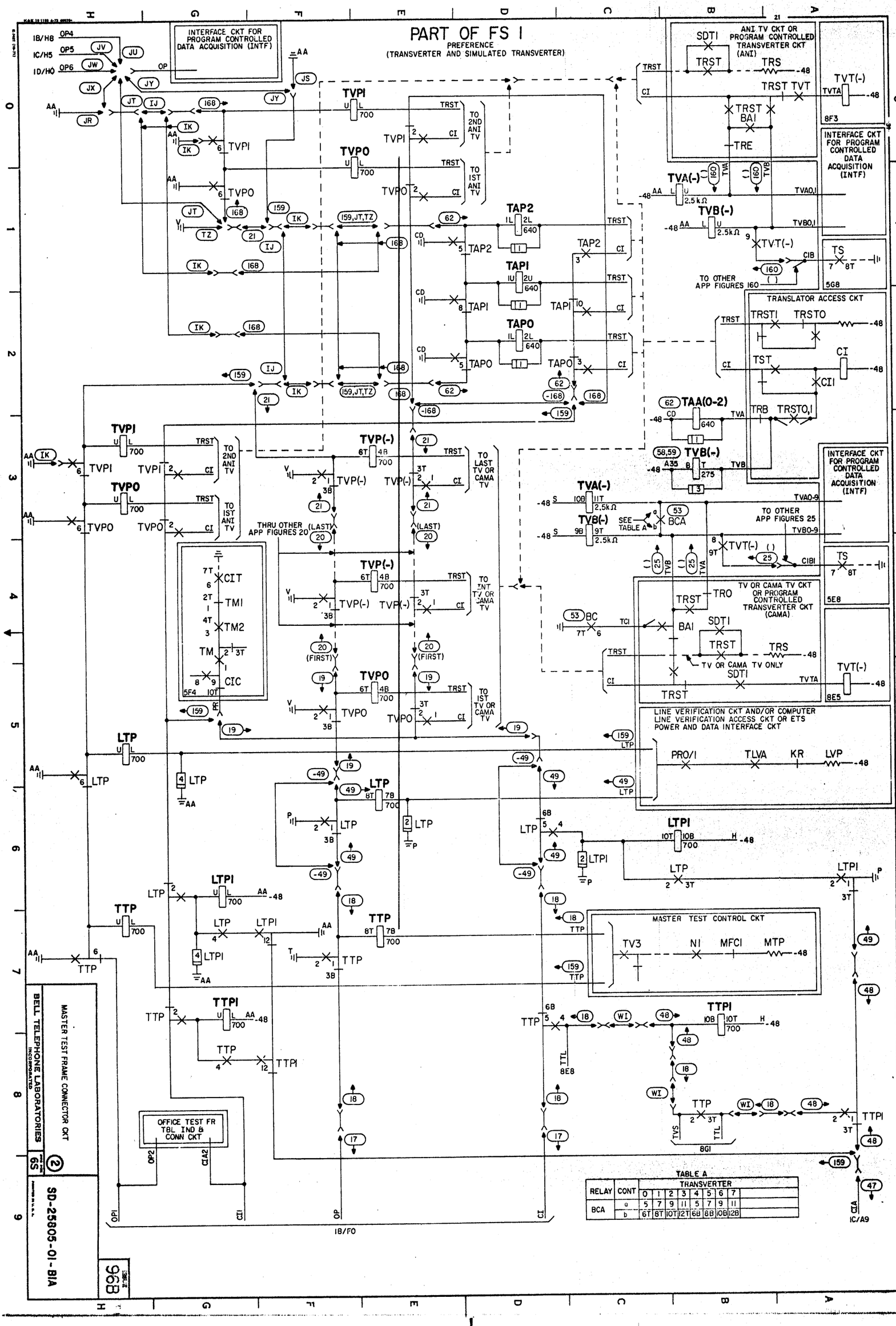
BELL TELEPHONE LABORATORIES INCORPORATED

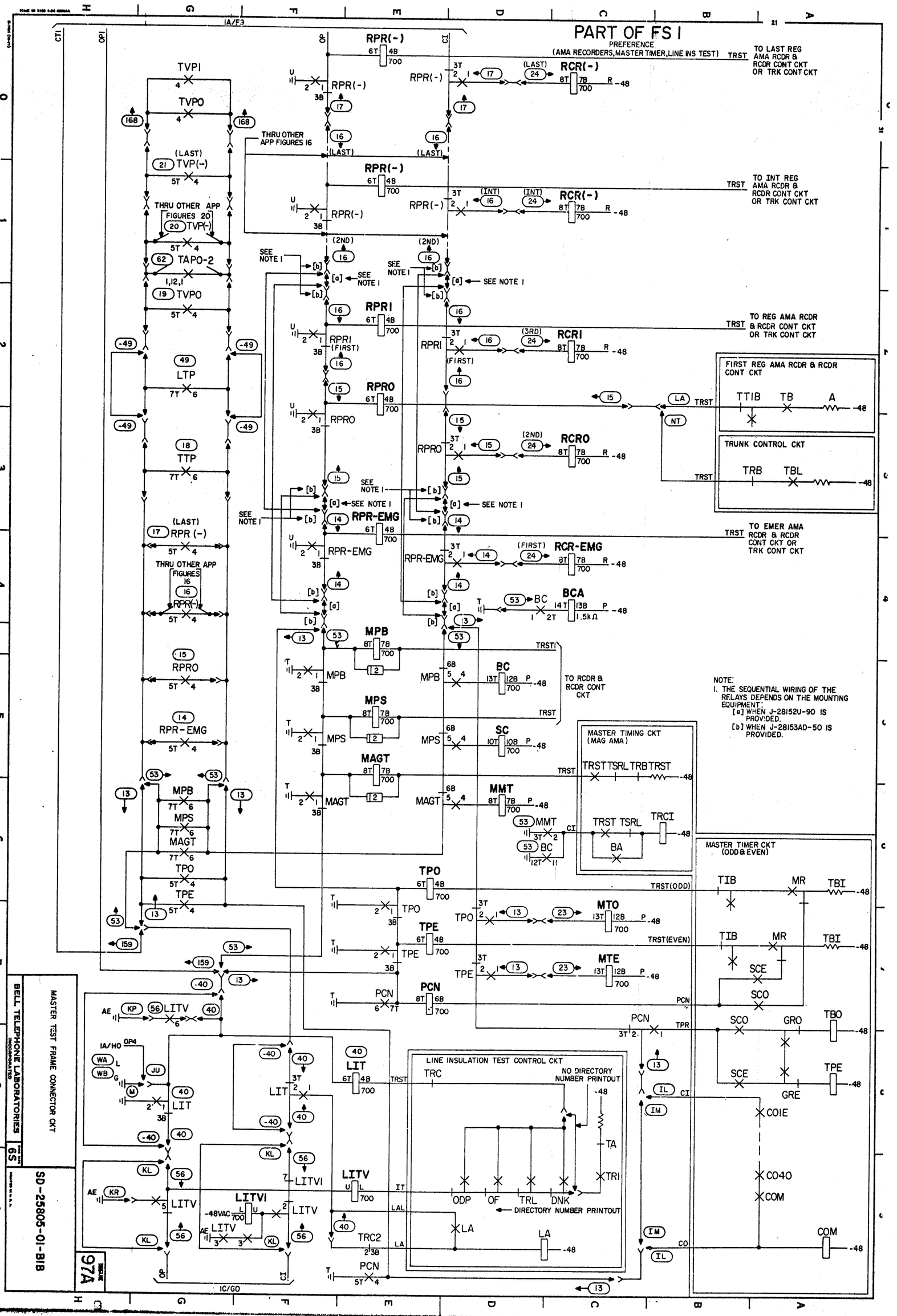
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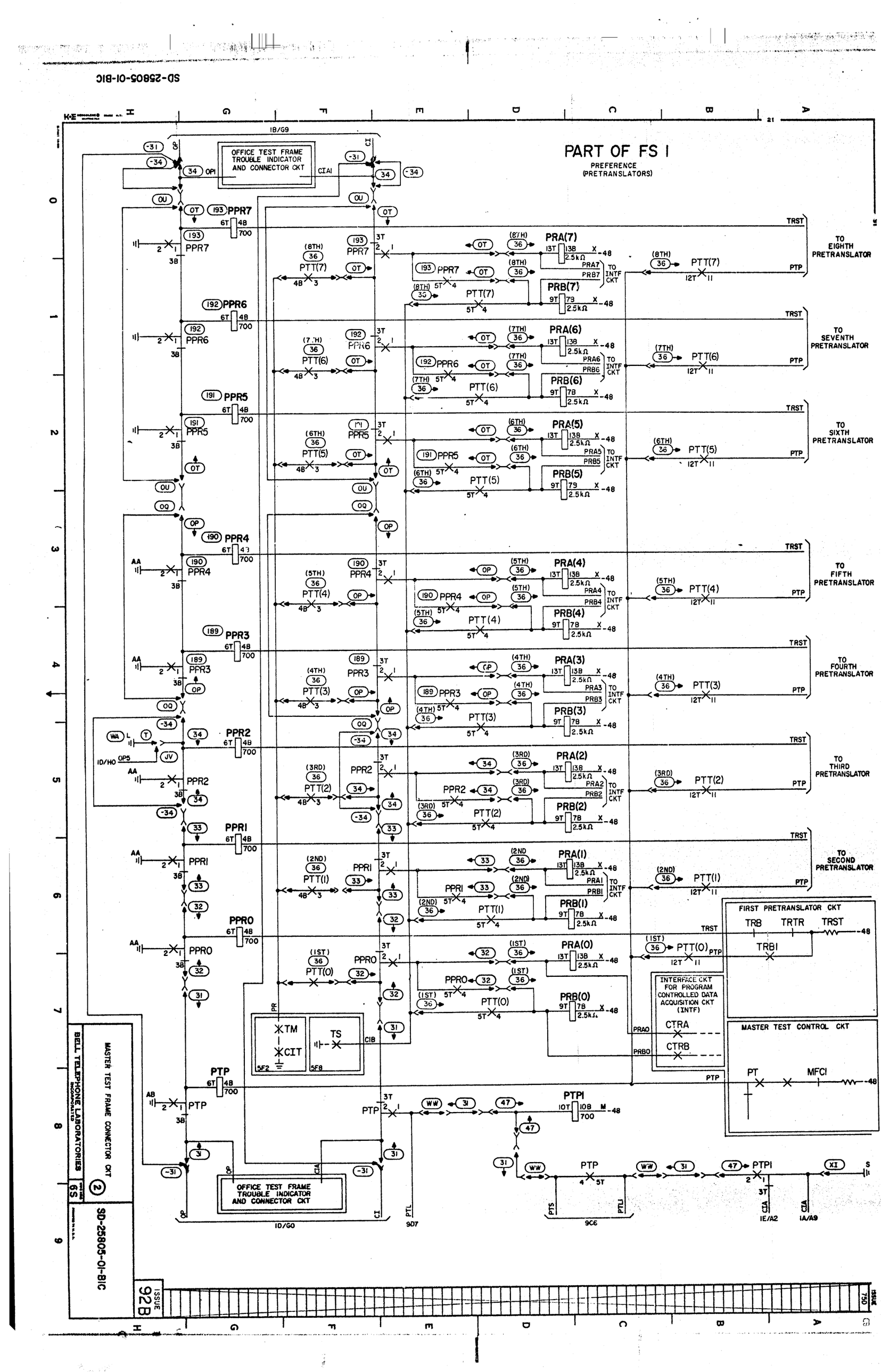
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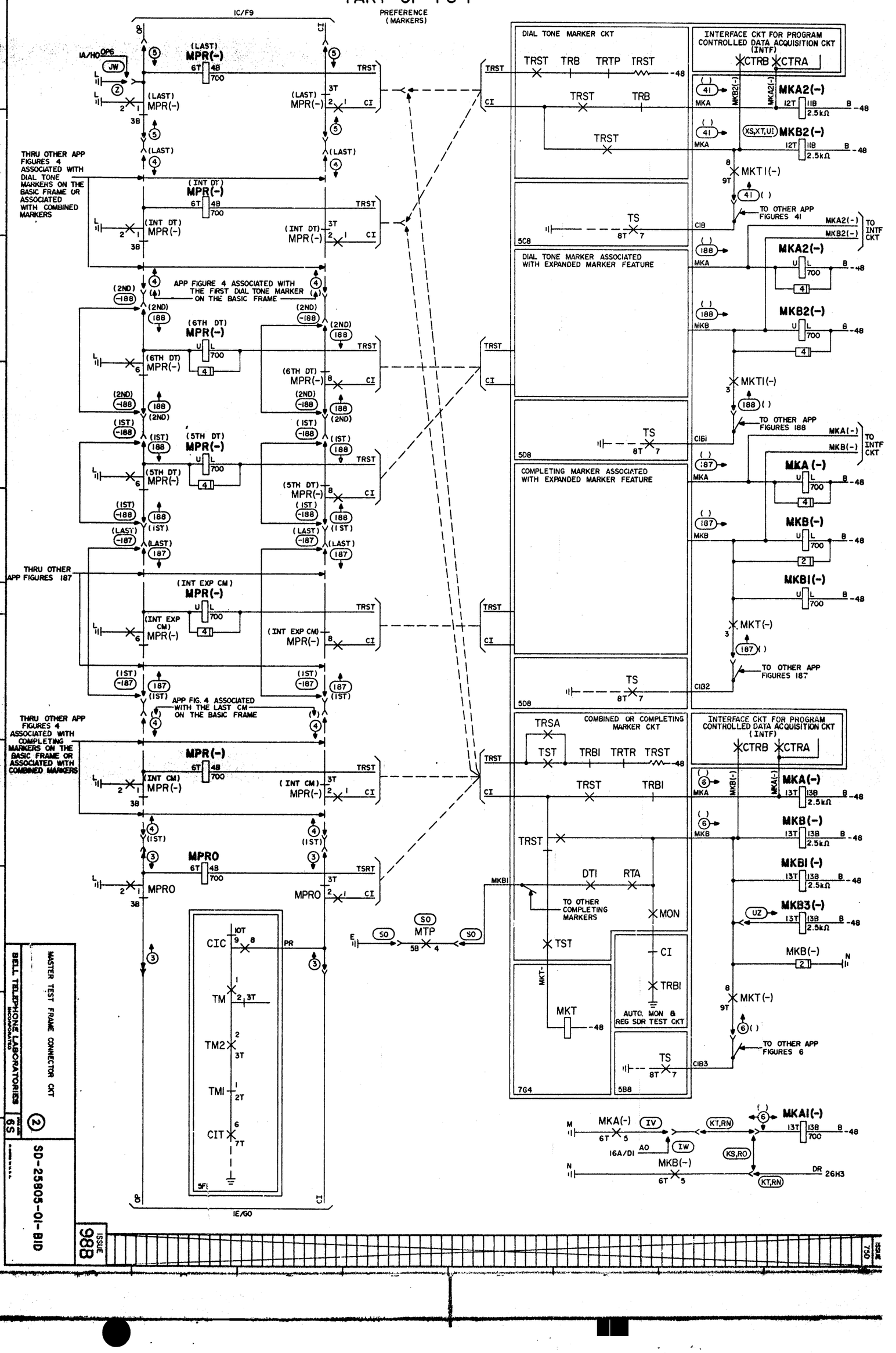
CBL-176(11-73)


PART OF FS I
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)
TV OR CAMA TV ONLY
LINE VERIFICATION CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT
MASTER TEST CONTROL CKT
OFFICE TEST FR TBL IND & CONN CKT
TO 2ND ANI TV
TO IST ANI TV
TO LAST TV OR CAMA TV
TO 2NT TV OR CAMA TV
TO IST TV OR CAMA TV
TO OTHER APP FIGURES 160
TO OTHER APP FIGURES 25
THRU OTHER APP FIGURES 20
SEE TABLE A
TABLE A
BELL TELEPHONE LABORATORIES INCORPORATED
MASTER TEST FRAME CONNECTOR CKT
SD-25805-01-BIA
96B


PART OF FS I
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
TTIB TB A -48
TRUNK CONTROL CKT
TRB TBL -48
MASTER TIMING CKT (MAG AMA)
TRST TSRL TRB TRST -48
TRST TSRL TRCI -48
BA
MASTER TIMER CKT (ODD & EVEN)
TRST(ODD)
TRST(EVEN)
TIB MR TBI -48
SCE
SCO
GRO TBO -48
GRE TPE -48
COIE
CO40
COM -48
LINE INSULATION TEST CONTROL CKT
TRC
NO DIRECTORY NUMBER PRINTOUT
TA
TRI
ODP OF TRL DNK
DIRECTORY NUMBER PRINTOUT
LA -48
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.
RPR(-)
RCR(-)
RPRI
RCRI
RPRO
RCRO
RPR-EMG
RCR-EMG
BCA
MPB
MPS
MAGT
MMT
MTO
MTE
TPO
TPE
PCN
LIT
LITV
LITVI
TVPI
TVPO
TVP(-)
TAPO-2
LTP
TTP
THRU OTHER APP FIGURES 16
THRU OTHER APP FIGURES 20
SEE NOTE 1
IA/FP
IC/GO
MASTER TEST FRAME CONNECTOR CKT
BELL TELEPHONE LABORATORIES INCORPORATED
SD-25805-01-BIB
97A


PART OF FS I
PREFERENCE
(PRETRANSLATORS)
OFFICE TEST FRAME TROUBLE INDICATOR AND CONNECTOR CKT
PPR7
PPR6
PPR5
PPR4
PPR3
PPR2
PPRI
PPR0
PTP
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(I)
PRB(I)
PRA(0)
PRB(0)
PTPI
PTT(7)
PTT(6)
PTT(5)
PTT(4)
PTT(3)
PTT(2)
PTT(I)
PTT(0)
TRST
TO EIGHTH PRETRANSLATOR
TO SEVENTH PRETRANSLATOR
TO SIXTH PRETRANSLATOR
TO FIFTH PRETRANSLATOR
TO FOURTH PRETRANSLATOR
TO THIRD PRETRANSLATOR
TO SECOND PRETRANSLATOR
FIRST PRETRANSLATOR CKT
TRB
TRTR
TRST
TRBI
INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION CKT (INTF)
CTRA
CTRB
MASTER TEST CONTROL CKT
PT
MFCI
TM
CIT
TS
MASTER TEST FRAME CONNECTOR CKT
BELL TELEPHONE LABORATORIES INCORPORATED
6S
2
SD-25805-01-BIC
92B
ISSUE

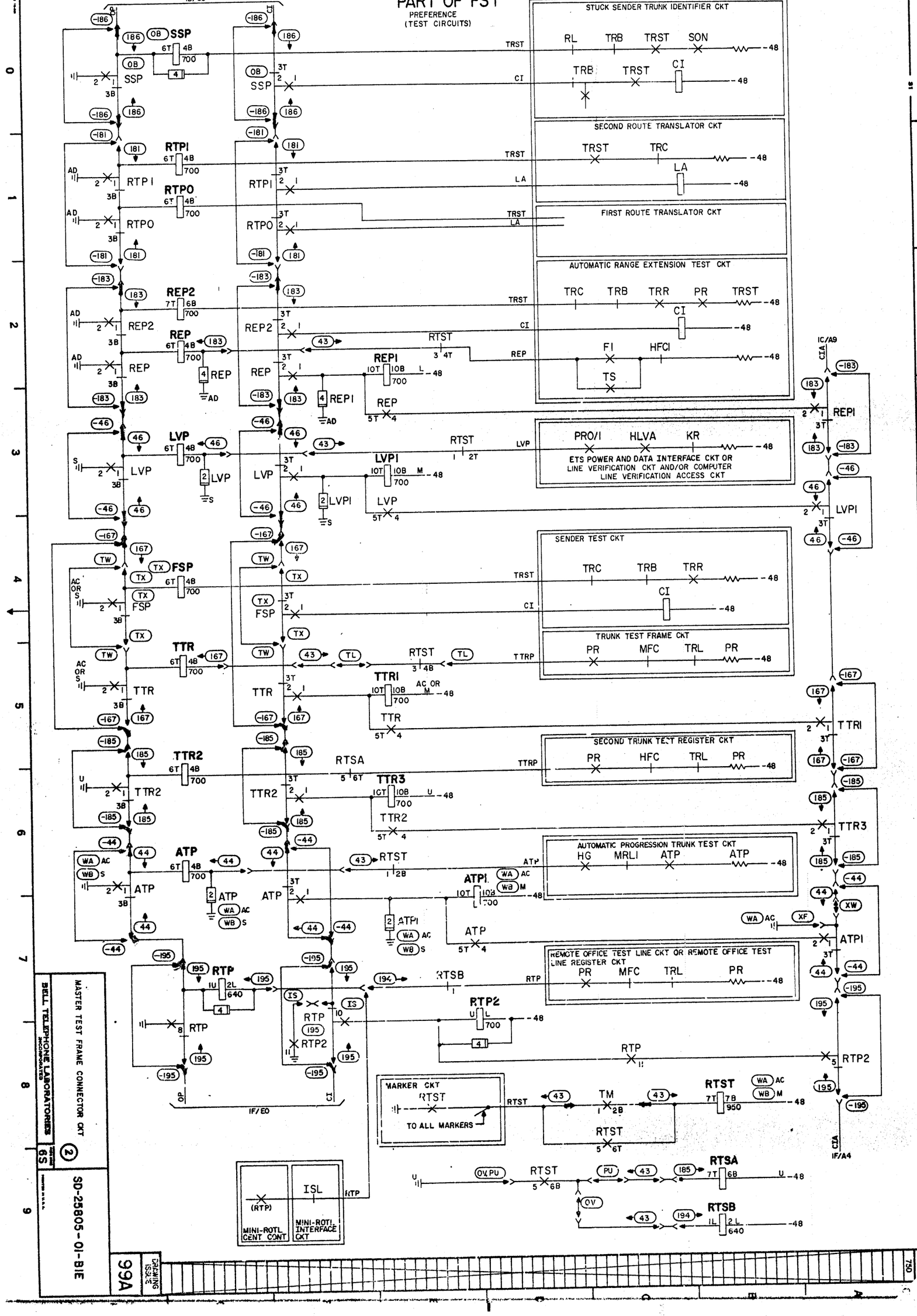
PART OF FS 1


PREFERENCE (MARKERS)
IC/F9
IE/G0
DIAL TONE MARKER CKT
INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION CKT (INTF)
DIAL TONE MARKER ASSOCIATED WITH EXPANDED MARKER FEATURE
COMPLETING MARKER ASSOCIATED WITH EXPANDED MARKER FEATURE
COMBINED OR COMPLETING MARKER CKT
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
APP FIG. 4 ASSOCIATED WITH THE LAST CM ON THE BASIC FRAME
THRU OTHER APP FIGURES 187
THRU OTHER APP FIGURES 4 ASSOCIATED WITH COMPLETING MARKERS ON THE BASIC FRAME OR ASSOCIATED WITH COMBINED MARKERS
TO OTHER APP FIGURES 41
TO OTHER APP FIGURES 188
TO OTHER APP FIGURES 187
TO OTHER APP FIGURES 6
TO INTF CKT
TO OTHER COMPLETING MARKERS
AUTO. MON & REG SDR TEST CKT
MASTER TEST FRAME CONNECTOR CKT
BELL TELEPHONE LABORATORIES
SD-25805-01-BID
ISSUE 988

SD-25805-01-BIE

PART OF FS1

PREFERENCE
(TEST CIRCUITS)



MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-BIE

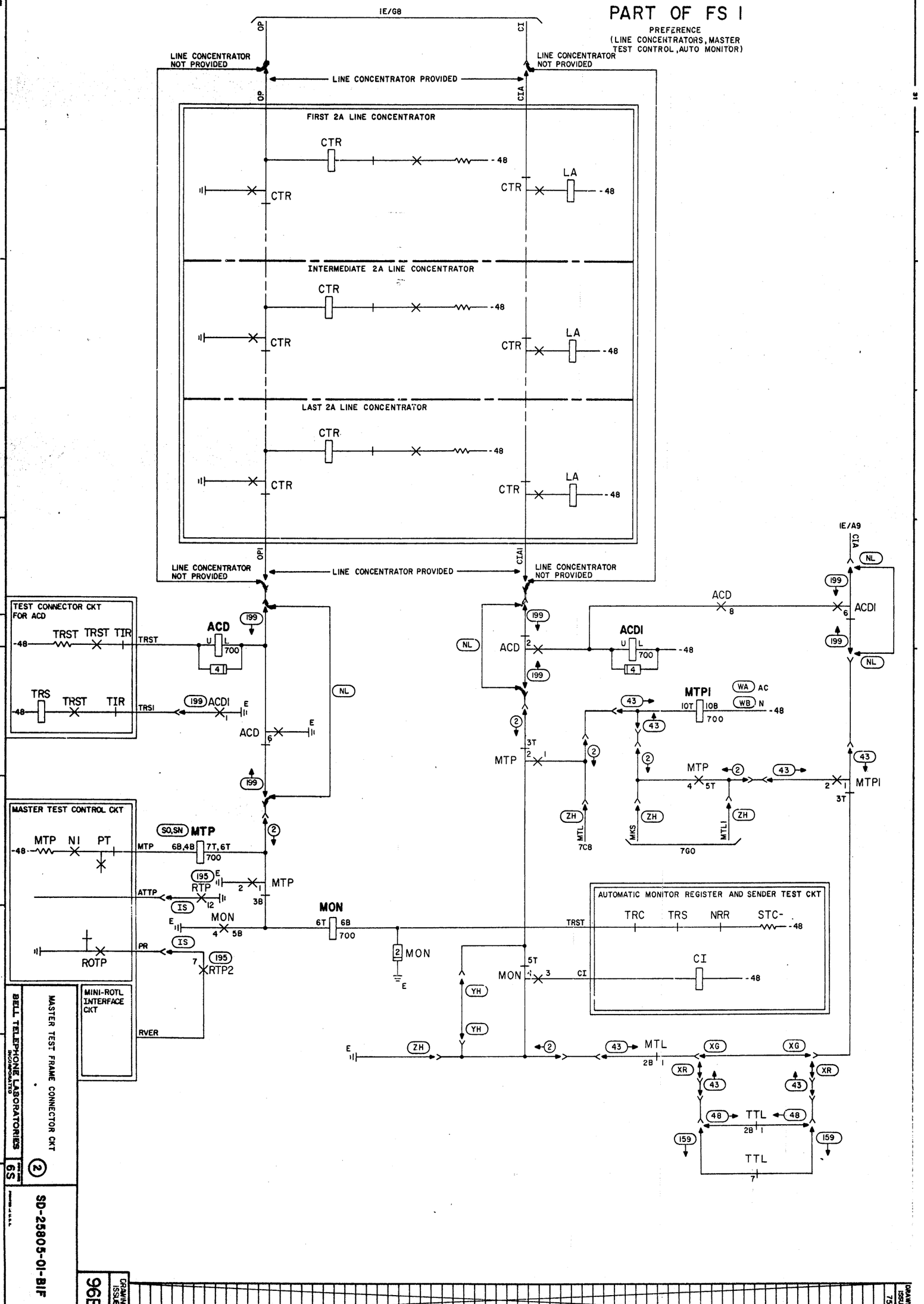
99A

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SD-25805-01-BIF

PART OF FS I

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



BELL TELEPHONE LABORATORIES INCORPORATED

MASTER TEST FRAME CONNECTOR CKT

2

6S

SD-25805-01-BIF

96B

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

TO OFFICE TEST FR TROUBLE INDICATOR & CONNECTOR CKT

AMA RECORDER & RECORDER CONNECTOR CKT OR TRK CONT CKT

TABLE IA,IB OR IE

TEST CIRCUITS

TROUBLE RECORDER CKT

LINE INSULATION TEST CONTROL CKT

TABLE I

TABLE IA OR IB

TABLE IE

DRAWING ISSUE 75D

DRAWING ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B2

BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING SIZE 6S

SD-25805-01-B2

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 68 700 A -48; 2G3

TRC 2,3B TRC2 5 6T

J — H,WB ROS 1 28 H,WB TV

TU IY IX

64 TSTS 4 IY IY IY 4 5,6T

TS F,WV

G,WX FB PA PA PF PG YH YG,WB STR

TST TSTB STRI -48 STRI

MON 2 1 3B YG,WB

IQ STRI YG,WB

STRC IQ SMNE L KEY

IP IQ STRA

YG,WB

STR2 STR2 ON -48 TST3

TST STRA

KC

STR TS- STR -48

TROUBLE RECORDER CONTROL CKT OR TROUBLE RECORDER CONTROL AND TEST CKT

AUTOMATIC MONITOR REGISTER AND SENDER TEST CKT

LINE VERIFICATION TEST CKT AND/OR COMPUTER LINE VERIFICATION ACCESS CKT

MTO 7T 6 — 23

MTE 7T 6 — 23

RC(-) 5T 4 — RCR(-) 7T 6 — 24

24 — 25

RNA 48 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

LA — ROUTE TRNSL 0 — STR2 STRI

LA — ROUTE TRNSL 1 — STRI

CI — AUTOMATIC RANGE EXTENSION TEST CKT — STR2 STRI STRA

TRST TRO TRST TRI — TRANSLATOR ADMINISTRATION AND TEST CKT — STRA PB

F,WV PG YG,WB TV

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

A B MKB(-) 10T 9 — 16A/A0

ACDI 12H5 MN 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 — STRAI 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, 66E9, 104GI, 147CI SRT IY — IY MKA(-) 6T 5 IY — IZ 187 MKA(-) 1 IZ — IY 64 TSTS U L 270 RA -48 — 14

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-83

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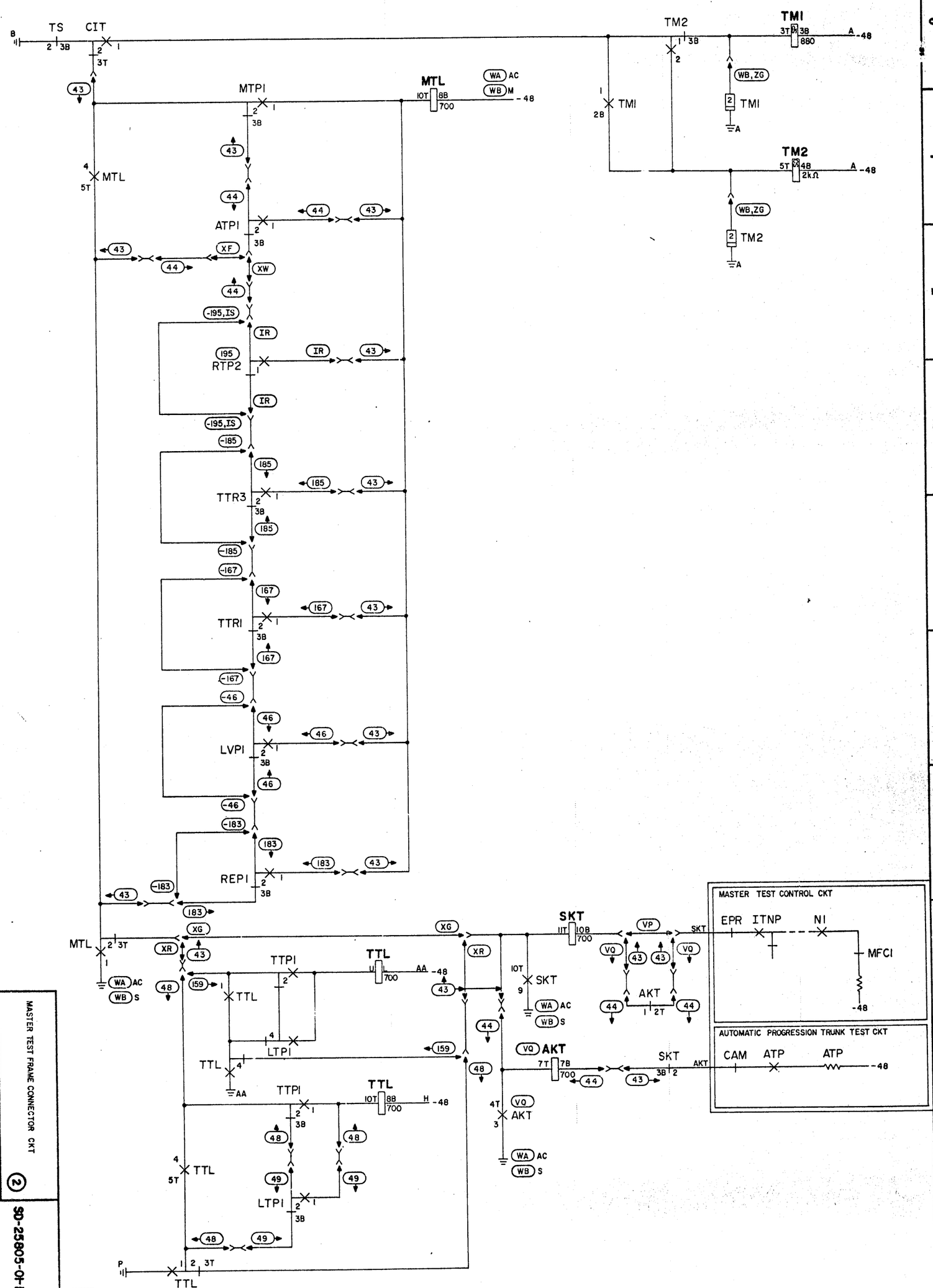
ISSUE 75D

SD-25805-01-83

SD-25805-01-B4

FS 4

AUXILIARY TEST PREFERENCE



MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

65

2

SD-25805-01-B4

ISSUE 96B

FS 5

TEST START

MASTER TEST CONTROL CKT

TI TCI CI TCT2 RECE TS IK TSO NT

LV5 SO SDR2 ITNP SKT ZH

LINE INSULATION TEST CKT

MCK MS MKT TSG VC,YE VD,YD

ITT 8T 8B A -48 700 VV VU

CIT 7B 6 7T 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 I AE

IOT TS 9

TS IIT IIB A -48 700 WB,ZG 2 TS A

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(0) 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- TLVA CIB KC

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

CIBI

ID/BI ( ) 41 MKTI(-) 9T 8 MKB2(-) -48

CIB2

ID/B5 ( ) 187 MKT(-) 3 MKB(-), MKBI(-) -48

CIB

ID/B3 ( ) 188 MKTI(-) 3 MKB2(-) -48

CIBI

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

ISSUE 75D

DRAWING ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B5

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SD-25805-01-B5

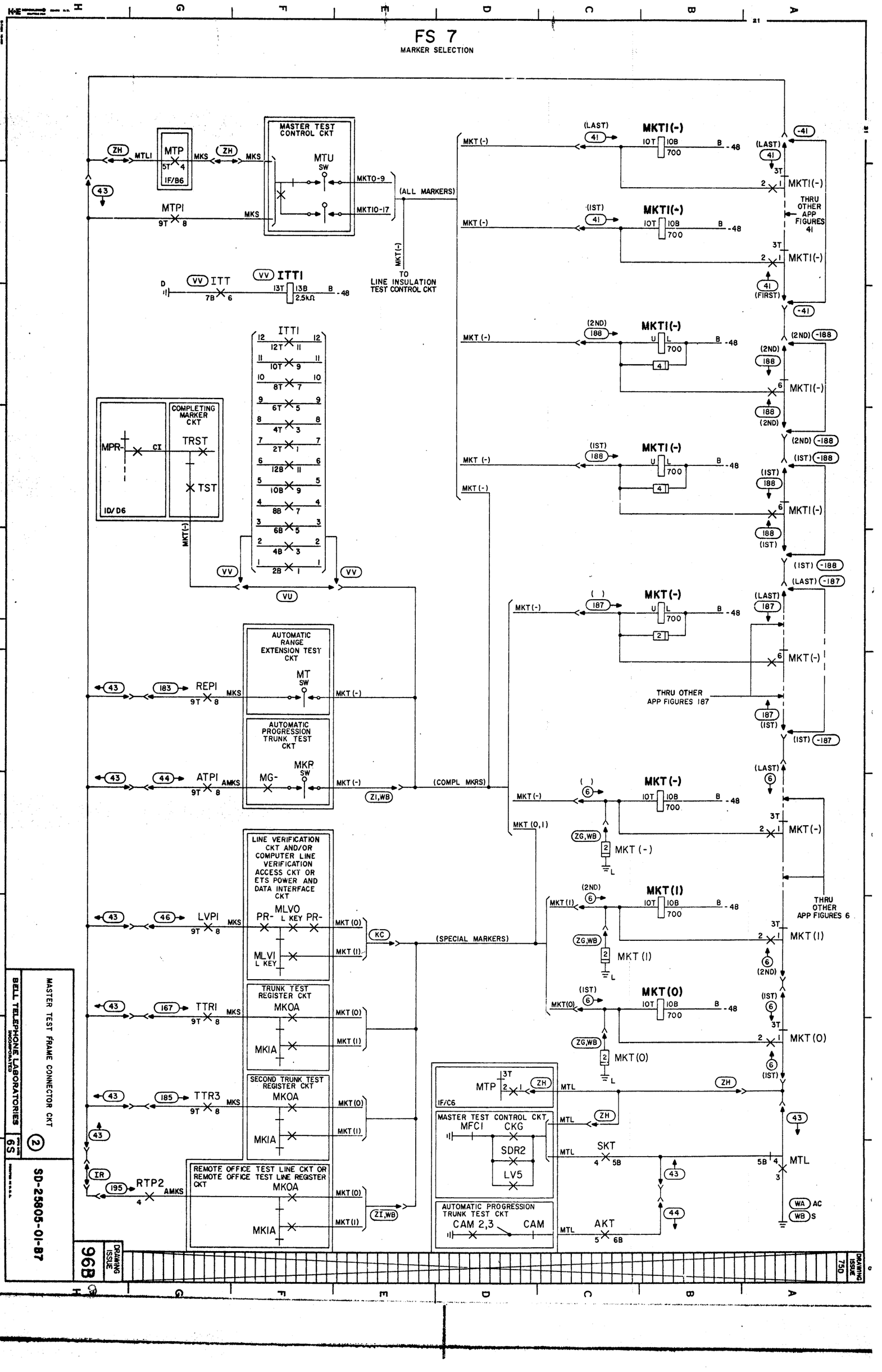
FS 6

BUSY TEST, TEST START & TROUBLE INDICATOR

MASTER TEST CONTROL CKT
MC5
PC2
AUTOMATIC RANGE EXTENSION TEST CKT
MC-
AUTOMATIC PROGRESSION TRUNK TEST CKT
TS-
LINE VERIFICATION TEST CKT AND/OR COMPUTER LINE VERIFICATION CKT
TS-
TRUNK TEST REGISTER CKT
MCI
REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT
MCI
RCP
MASTER TEST CONTROL CKT
TG L KEY REC TS2
AUTOMATIC RANGE EXTENSION TEST CKT
AUTOMATIC PROGRESSION TRUNK TEST CKT
TRUNK TEST REGISTER CKT
TABLE I, IA, IB OR IE
CONN REL
SCAN REL
SCAN REL
TRUNK CONTROL CKT FOR MAG AMA
TMA TII
TABLE I, IA, IB OR IE
SCAN REL
CDT APPLICATION CKT
TRANSLATOR ACCESS CKT
DIAL TONE OR COMPLETING MARKER CKT
COMBINED OR COMPLETING
DIAL TONE
PRETRANSLATOR CKT
TRANSVERTER OR CAMA TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT
TV-TMSI
CAMA TV-TM2
ANI TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT
TABLE IA, IB OR IE
TO TROUBLE RECORDER CONTROL AND TEST CKT
LINE INSULATION TEST CONTROL CKT
DPS
MASTER TEST CONTROL CKT
COMPUTER LINE VERIFICATION ACCESS CKT OR ETS POWER AND DATA INTERFACE CKT
LINE VERIFICATION TEST CKT
AUTOMATIC RANGE EXTENSION TEST CKT
TRUNK TEST REGISTER CKT
2ND TRUNK TEST REGISTER CKT
AUTOMATIC PROGRESSION TRUNK TEST CKT
REMOTE OFFICE TEST LINE CKT OR REMOTE OFFICE TEST LINE REGISTER CKT
DRAWING ISSUE 750
DRAWING ISSUE 100B
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-B6
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-B6

FS 7
MARKER SELECTION



FS 8

TRANSVERTER SELECTION

TVT(-)

TVT(-)

TVT(-)

TVT(I)

TVT(O)

TTL

SKT

MASTER TEST CONTROL CKT

MTU SW

AUTOMATIC NO. IDENTIFICATION TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT

TRANSVERTER OR CAMA TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT

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

TLVI L KEY

TLVO L KEY

LINE INSULATION TEST CONTROL CKT

TVMBI

TVMBO

TTP

MASTER TEST CONTROL CKT

MFCI

CKG

SDR2

LVS

LTPI

LITVI

DRAWING ISSUE 750

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT (2)

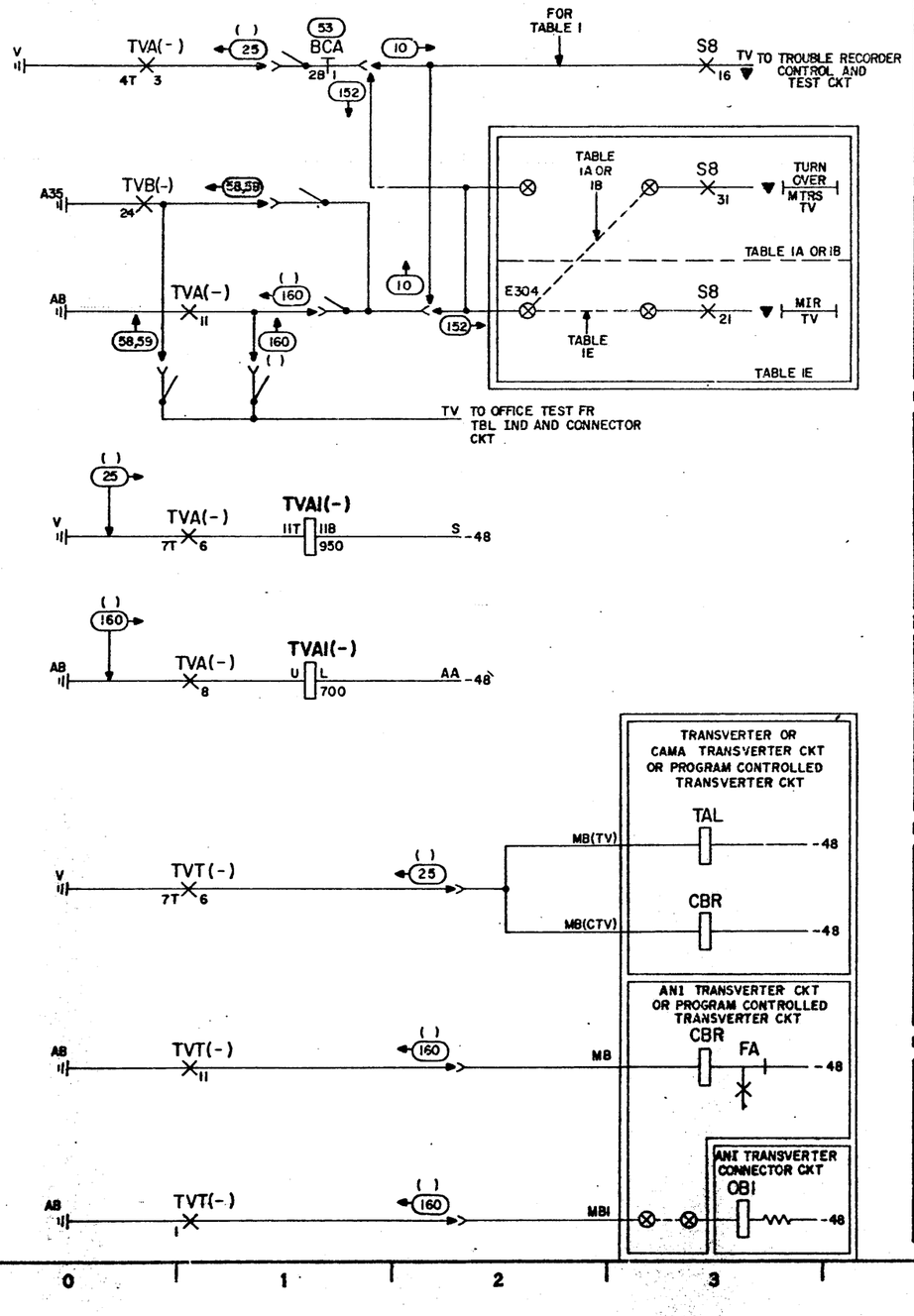
SD-25805-01-88

BELL TELEPHONE LABORATORIES INCORPORATED

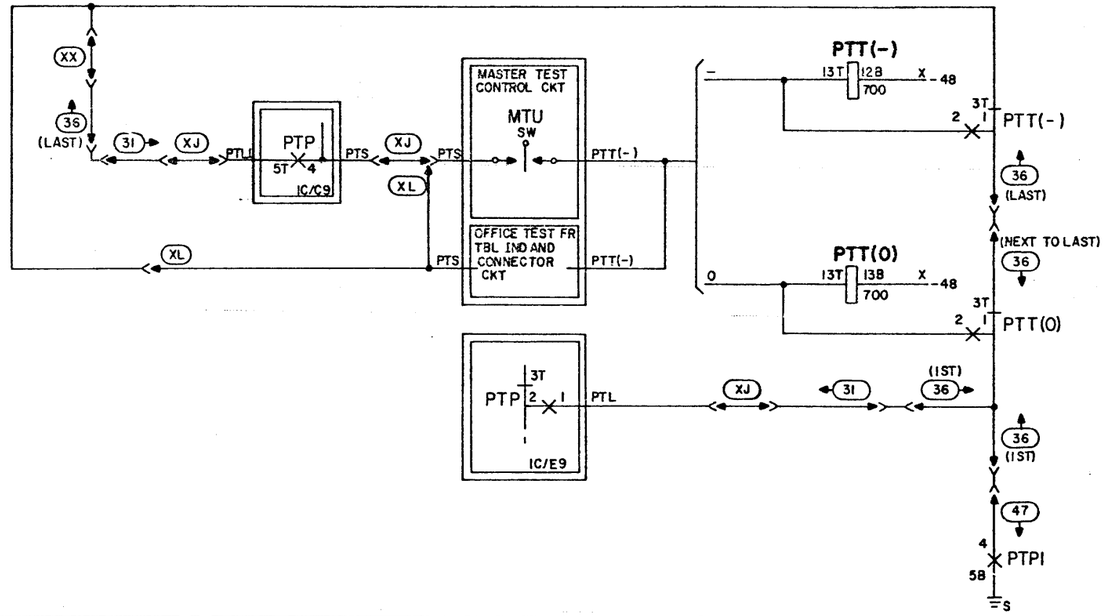
6S

SD-25805-01-88

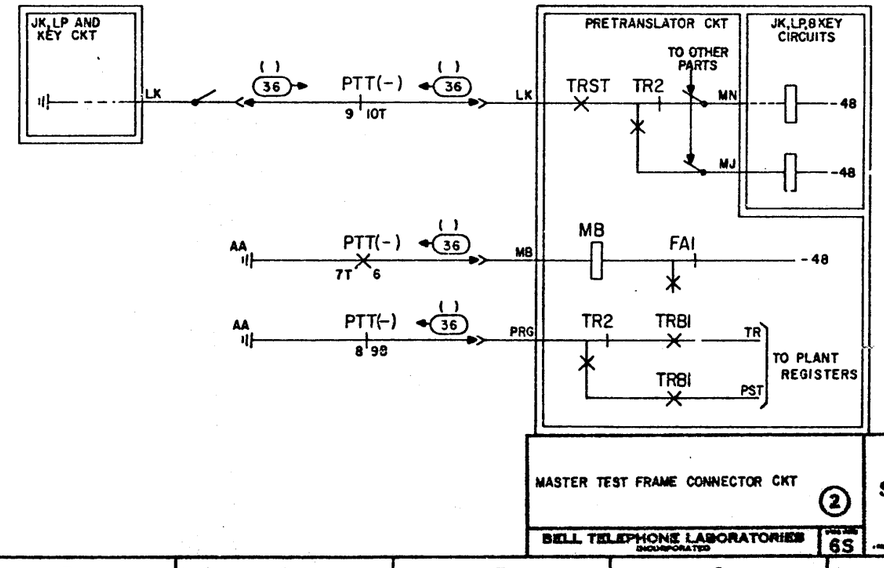
FS 9
TRANSVERTER CONTROL



FS 10
PRETRANSLATOR SELECTION



FS 11
PRETRANSLATOR CONTROL



DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B9

BELL TELEPHONE LABORATORIES INCORPORATED

CODE IDENT NO 65

SD-25805-01-B9

FS 12

LINE LINK / TRUNK LINK LT / TT, TRA AND TST RELAY OPERATION

ISSUE 750

4WLT
SKAL L KEY
MC2
MASTER TEST CONTROL CKT
OLT
RM

COMBINED OR COMPLETING MARKER CKT
SK OTT LLC4
LTG
TTG

MKB3(-) MKB(-) MTPI ATPI RTP2 SKT MKBI(-) MKB2(-)
RM,TA,IG ZI,WB UZ OV KU

LINE LINK CONNECTOR CKT
LINE LINK CKT
MCI LTA LTM
MB2 TTA TTM
LTM LTA TTM TTA

TRUNK LINK CONNECTOR CKT OR TRUNK LINK & CONNECTOR CKT
TRUNK LINK CKT

ROUTE DISTRIBUTOR
TRA

AUTOMATIC MONITOR REGISTER & SENDER TEST CKT
MCC TRA -48

MKA(-) MKA2(-)

TRUNK LINK CKT
TRUNK LINK CONNECTOR CKT OR TRUNK LINK & CONNECTOR CKT
TRANSFER TRUNK LINK CKT
TRANSFER TRUNK LINK CONNECTOR CKT
TRA MAI

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

TRANSFER TRUNK LINK CONNECTOR CKT
TRANSFER TRUNK LINK CKT

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-B10

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6S

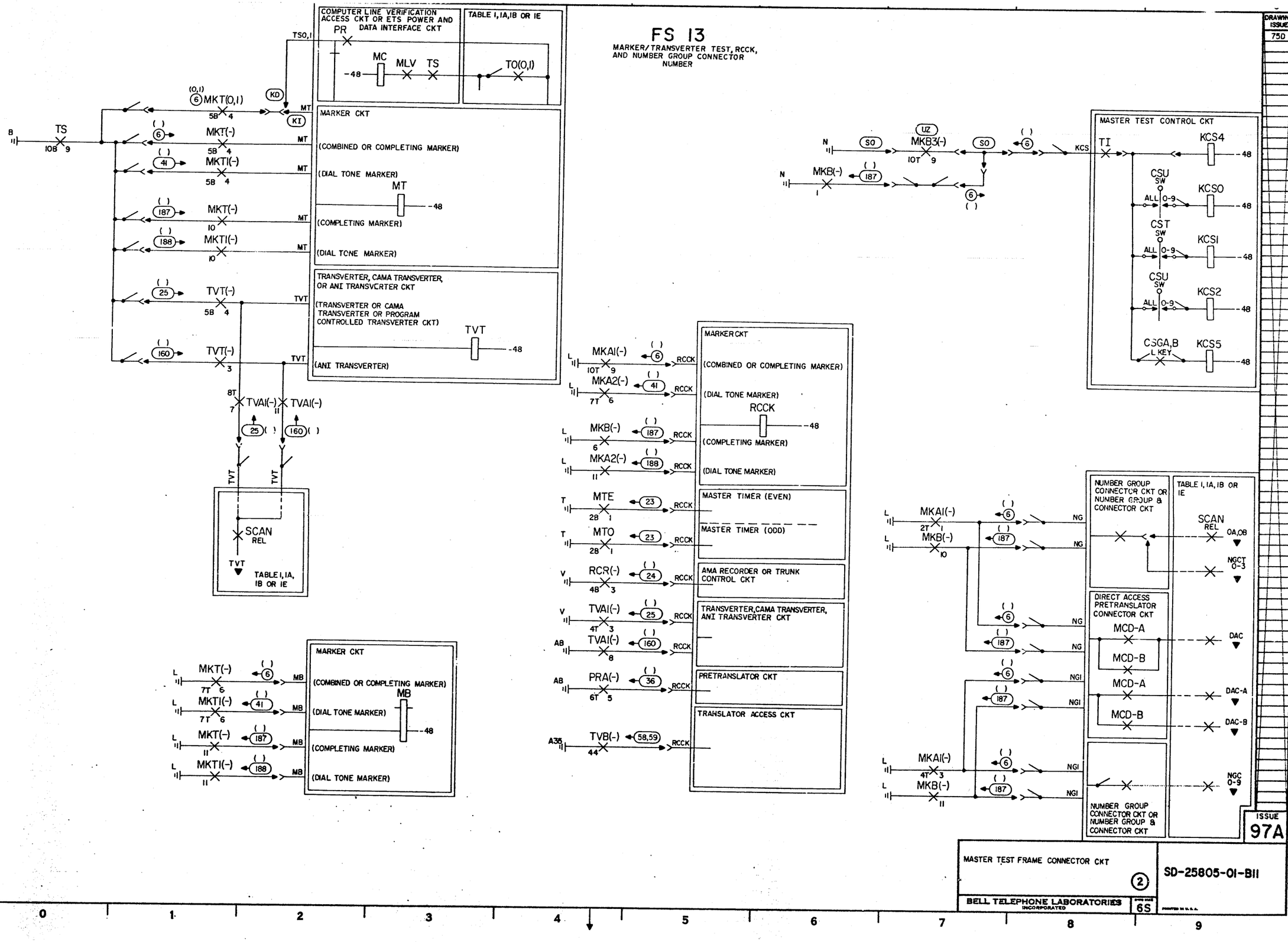
SD-25805-01-B10

FS 13

MARKER/TRANSVERTER TEST, RCCK, AND NUMBER GROUP CONNECTOR NUMBER

DRAWING ISSUE 75D

ISSUE 97A



MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B11

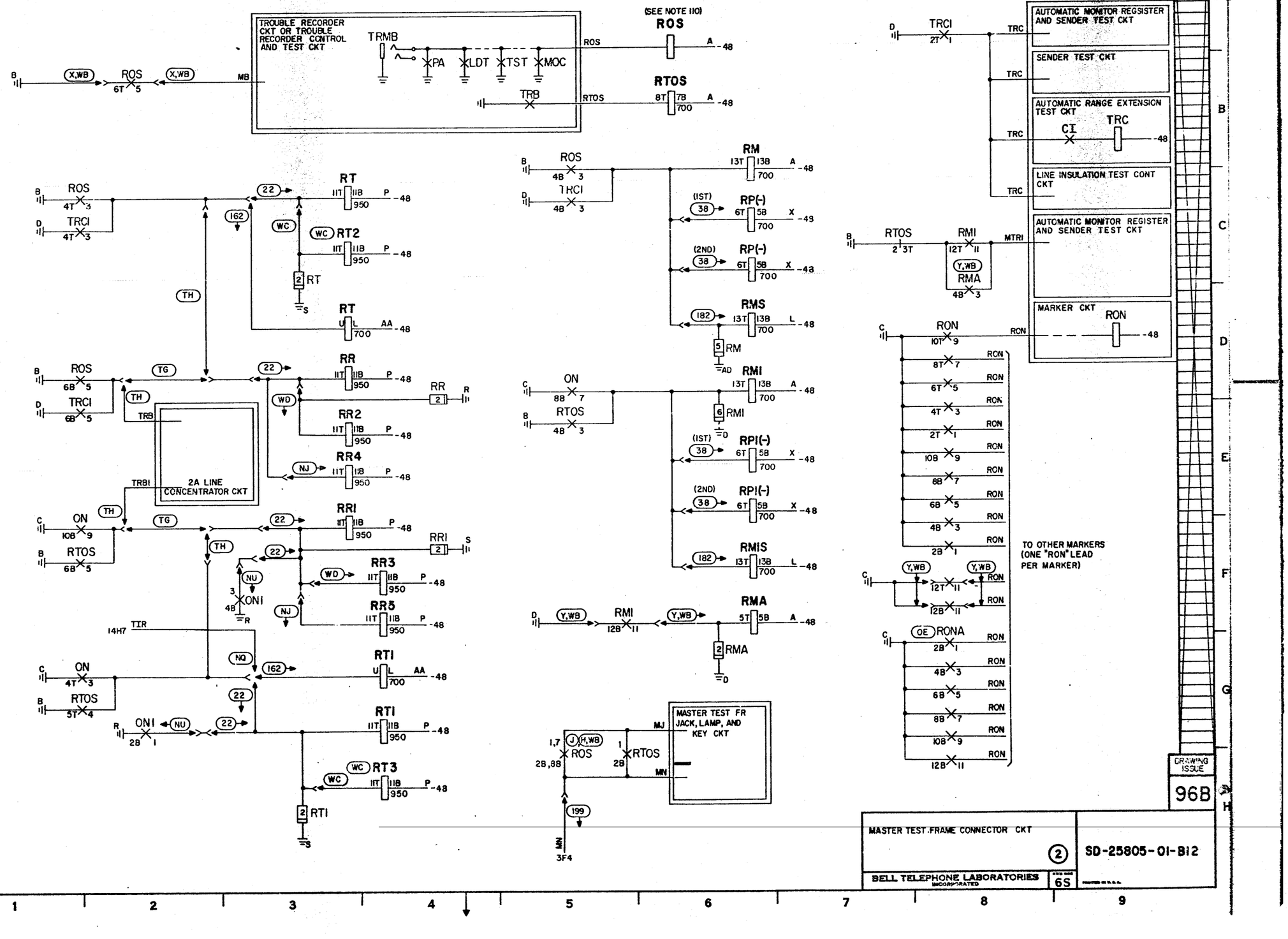
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6S

SD-25805-01-B11

PART OF FS 14

TROUBLE RECORDER BUSY OR OUT-OF-SERVICE



MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-812

SD-25805-01-812

PART OF FS 14

TROUBLE RECORDER BUSY OR OUT-OF-SERVICE

SD-25805-01-813

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-813
BELL TELEPHONE LABORATORIES INCORPORATED	6S

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

MASTER TEST FR JACK, LAMP & KEY CKT

JACK, LAMP & KEY CKT FOR ACD

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

DRAWING ISSUE 750

DRAWING ISSUE 79D

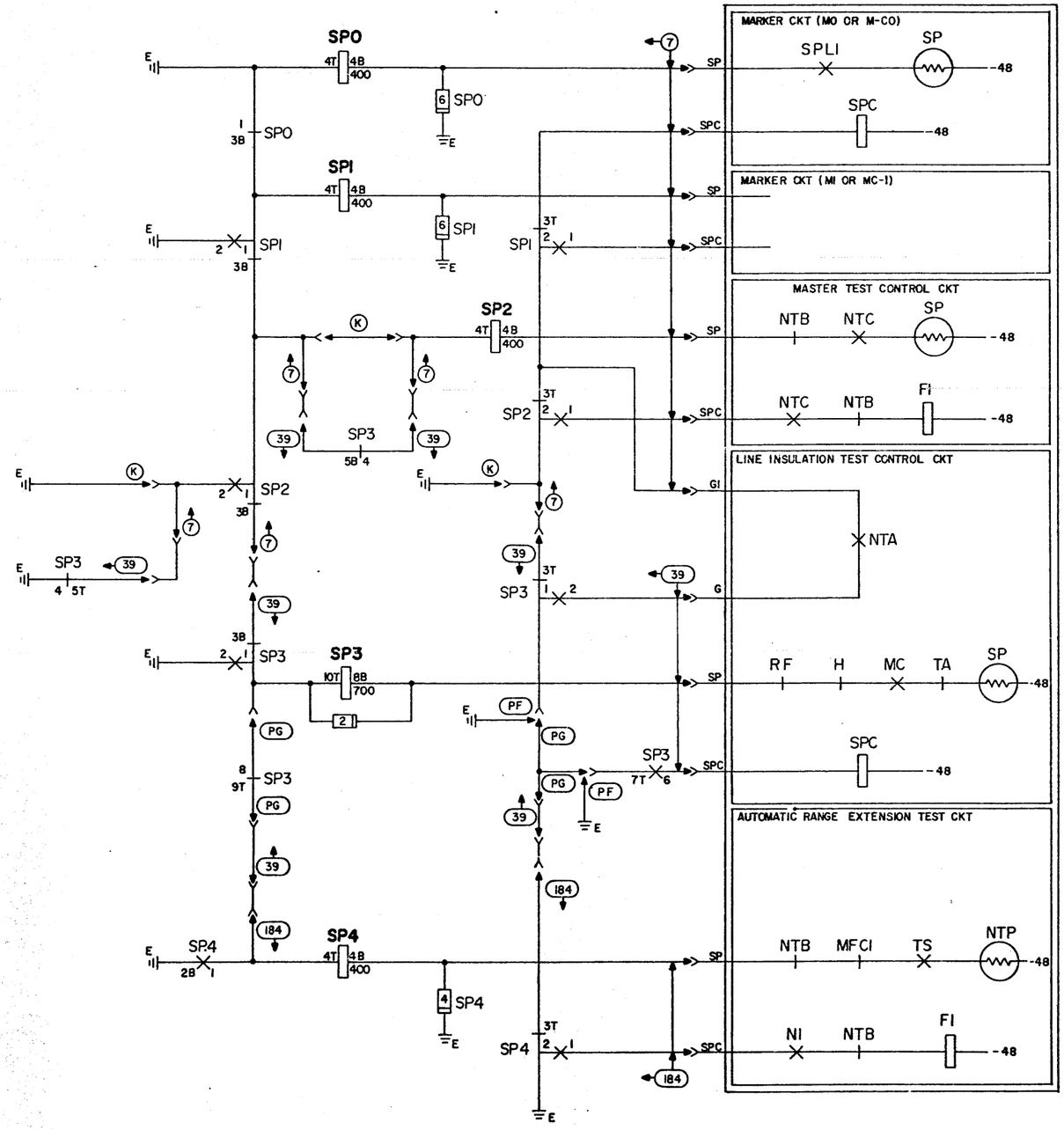
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-814

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-814

FS 15

NO TEST CONNECTOR PREFERENCE



DRAWING ISSUE 75D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-815

BELL TELEPHONE LABORATORIES INCORPORATED 6S

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

A5 T 275 B 275 -48

MKA(-) 11B 10 A4

MKA(-) 9B 8 A3

MKA(-) 7B 6 A2

MKA(-) 5B 4 A1

MKA(-) 2B 1 A0

IW A0 ID/C9

AO-4 KT,RN KS,RO

MKBI(-) I-5

A0-4 A4

P2 T 275 B U -48

A10,11 T 275 B E -48

A7-9 T 275 B D -48

A5,6 T 275 B D -48

A2-4 T 275 B C -48

A0,1 T 275 B C -48

MKAI(-) 10B 9 A4

MKAI(-) 8B 7 A3

MKAI(-) 6B 5 A2

MKAI(-) 4B 3 A1

MKAI(-) 2B 1 A0 KY

MA(-) MB(-) IS MTC(-) TO MINI-ROTL INTERFACE CKT

A4	CNG	27A1
A3	FRG	27A6
A2	RGG	28B1
A1	CNG	27E1
A0	FRG	27E6
A4	CNG	27E1
A3	FRG	27E6
A2	RGG	28B1
A1	CNG	27A1
A0	FRG	27A6

CIC 11B 10

CIC 6B 5 RN

CIC 4B 3 C1 17E1

CIC 2B 1 CO 17E1

TS 8B 7 T1 17D1

TS 5B 4 TO 17E1

MKBI(-) 8B 7 OK OL IA

MKBI(-) 6B 5 C2 IB JM

MKBI(-) 4B 3 C1 OK OL UZ SO

MKB3(-) 12T 11

MKBI(-) 2B 1 CO OK OL UZ SO

MKB3(-) 8T 7

MKBI(-) 4T 3 T RN RO UZ SO

MKB3(-) 6T 5

MKBI(-) 2T 1 TO RN RO

C3

C3 T 275 B -48

CO-2

CO-2 T 275 B -48

13-15 MKBI(-) 187

C5-7 C2 T 275 B H -48

C3,4 C1 T 275 B H -48

CO-2 CO T 275 B H -48

TO,I

TO,I T 275 B -48

11,12 MKBI(-) 187

T2,3 T1 T 275 B J -48

TO,I TO T 275 B J -48

QA,VL,XT,PZ MKB(-) 12B 11

B5 T 275 B -48

MKB(-) 8B 7 B3

MKB(-) 6B 5 B2

MKB(-) 4B 3 B1

MKB(-) 2B 1 B0

MKBI(-) 6-9

B0,2 B1 B3

B0-3 T 275 B -48

P1 T 275 B U -48

B8,9 B3 T 275 B G -48

B5-7 B2 T 275 B F -48

P0 T 275 B U -48

B3,4 B1 T 275 B F -48

B0-2 B0 T 275 B E -48

DRAWING ISSUE 75D

DRAWING ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2)

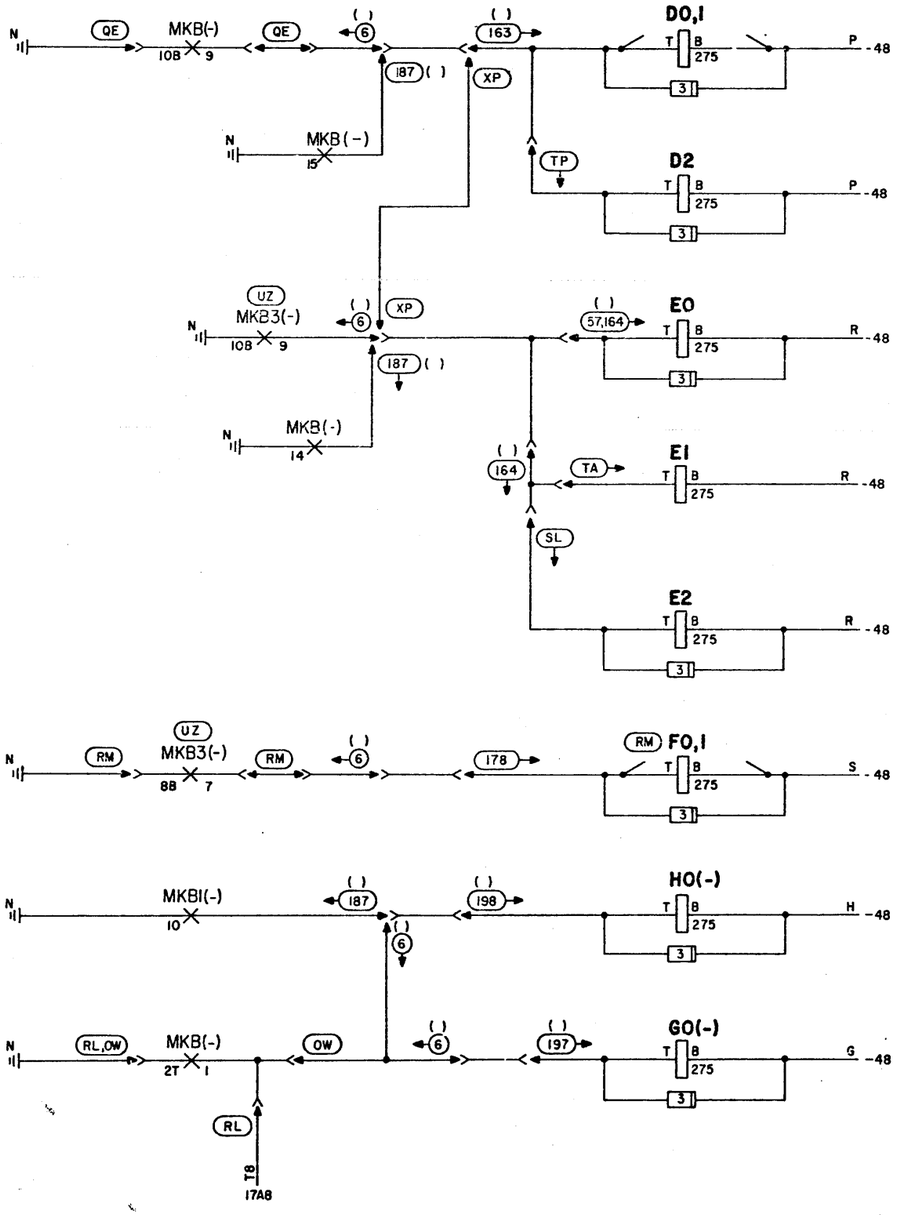
SD-25805-01-B16A

BELL TELEPHONE LABORATORIES INCORPORATED

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

FORM 6S

SD-25805-01-B16B

FS 19
DIAL TONE MARKER CONNECTOR

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 — TI — MKB2(-) 4B 3 — T3
TS 5B 4 — TO — MKB2(-) 6B 5 — T2
CIC 4B 3 — CI — MKB2(-) 8B 7 — C5
CIC 2B 1 — CO — MKB2(-) 10B 9 — C4

16A/B4-D4

INTERFACE CKT FOR PROGRAM CONTROLLED DATA ACQUISITION (INTF)
CO
CI

MKB2(-) 12T 11 — UI,XT — XS

MKB2(-) 2B 1
MKB2(-) 2

A6-8: T 275 T, B 275 B, 1 — -48

A17: A8 — T 275 B — D — -48, 3

A14-16: A7 — T 275 B — C — -48, 3

A12,13: A6 — T 275 B — C — -48, 3

T2,3: T 275 T, B 275 B, 1 — -48

T6,7: T3 — T 275 B — F — -48, 3

T4,5: T2 — T 275 B — F — -48, 3

C4,5: T 275 T, B 275 B, 1 — -48

C11: C5 — T 275 B — E — -48, 3

C8-10: C4 — T 275 B — E — -48, 3

B6: XT — T 275 T, B 275 B, 1 — -48

B4: T 275 T, B 275 B, 1 — -48

B10-12 (SEE NOTE 1): T 275 B — D — -48, 3

N RL,OW — MKB(-) 2T 1 — RL — T8 — RL — (6) — (176) — T8 IIT 9B 700 B — -48
16B/H1

NOTES:
1. RELAY (B12) IS USED WITH A SUPL DIAL TONE MARKER FRAME ONLY.

DRAWING ISSUE 75D

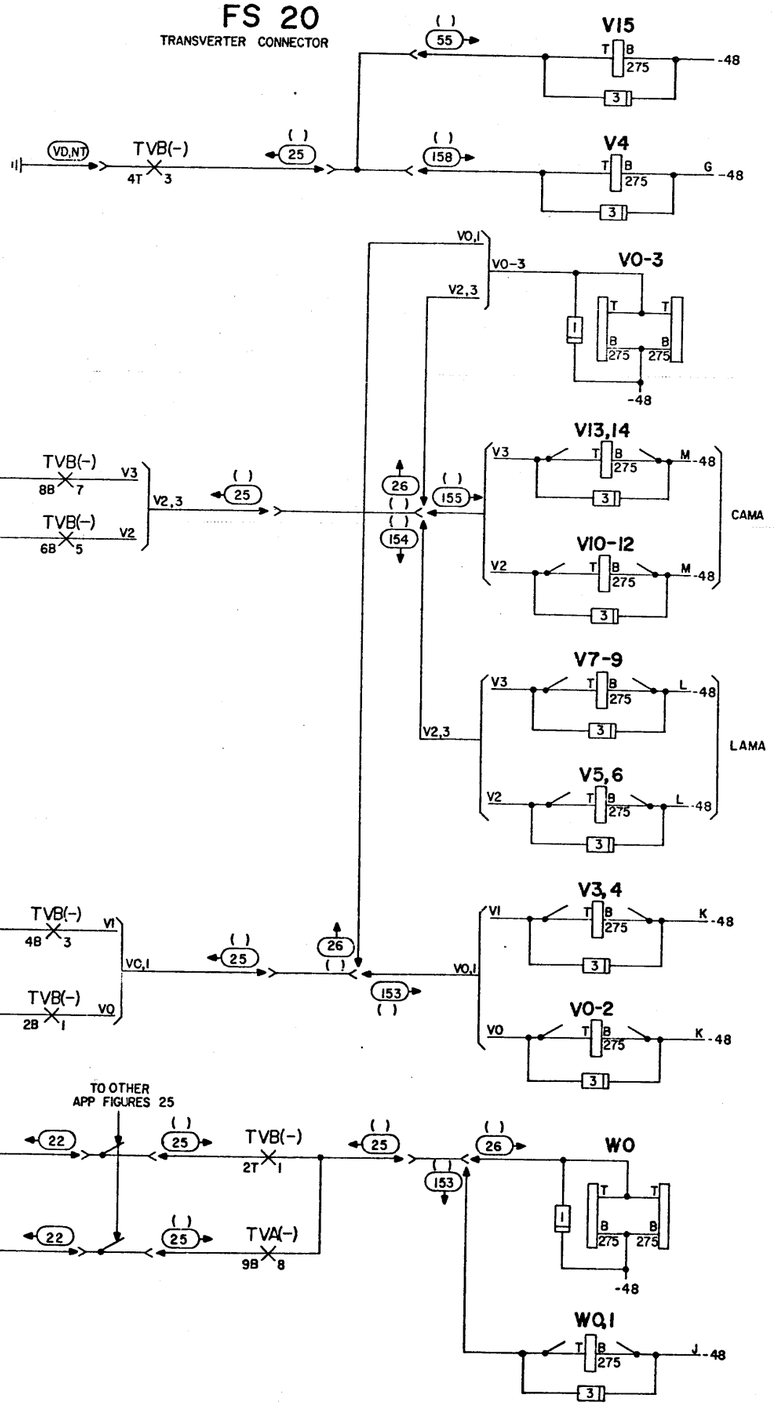
DRAWING ISSUE 96B

MASTER TEST FRAME CONNECTOR CIRCUIT (2) — SD-25805-01-B17

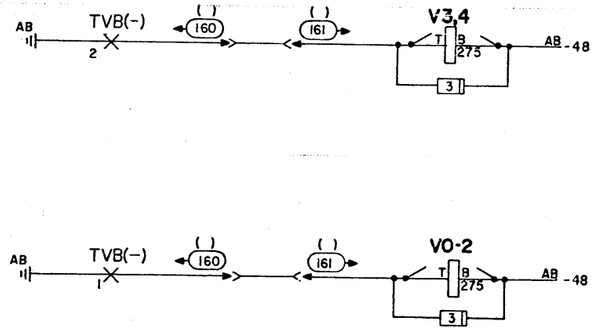
BELL TELEPHONE LABORATORIES INCORPORATED — 6S

SD-25805-01-B17

FS 20
TRANSVERTER CONNECTOR



FS 21
ANI TRANSVERTER CONNECTOR



DRAWING ISSUE 75D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B18

BELL TELEPHONE LABORATORIES INCORPORATED

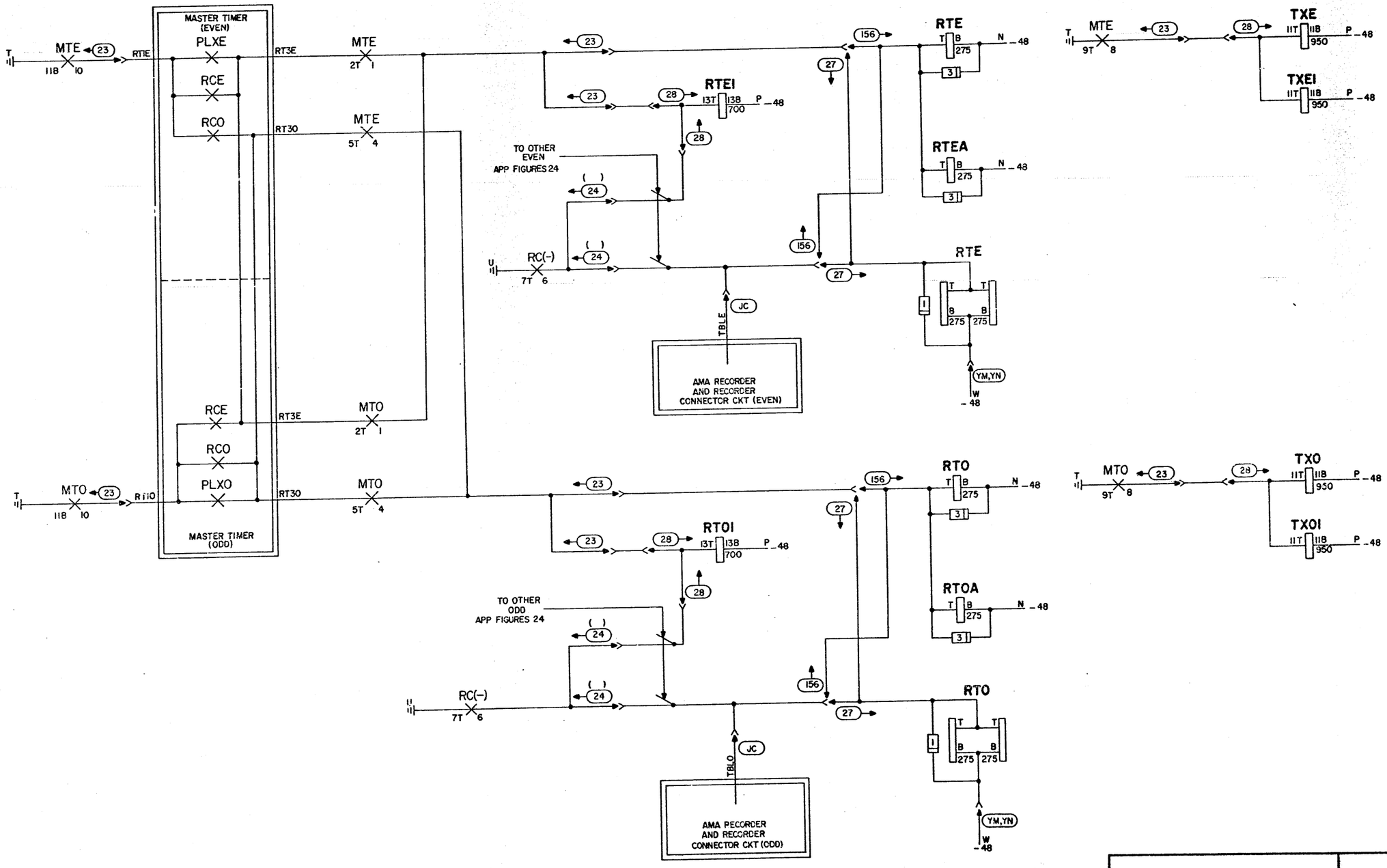
DATE ISSUED 6S

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SD-25805-01-B18

FS 22

AMA RECORDER AND MASTER
TIMING CIRCUIT CONNECTOR



DRAWING ISSUE 750 CB

ISSUE 88A CB

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 75D

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

66 ABO-8 U L 400 AF -48
10
RO-8 T T B B 120 120 MO-8 -48
Y,W,YX SO-8 CR SO-8 T T B B 120 120 NO-8 -48
10
152
RO-8 T B 275 K OR U -48 (3)
RAO-8 T B 275 K OR U -48
SO-8 T B 275 K OR U -48 (3)
SAO-8 T B 275 K OR U -48
UO,UI ABO-8 U L 400 K OR U -48

TO CONNECTIONS AS SHOWN IN TABLE I

RO-0 TO RO-59 / R8-0 TO R8-59 — 0-59 RO-8
SO-0 TO SO-59 / S8-0 TO S8-59 — 0-59 SO-8

CROSS CONNECT AS SHOWN IN TABLES IA, IB OR IE

RO-00 TO RO-54 / R8-00 TO R8-54 — 00-04, 10-24, 30-34, 40-44, 50-54 RO-8
RAO-00 TO RAO-54 / RA8-00 TO RA8-54 — 00-54 RAO-8
SO-00 TO SO-54 / S8-00 TO S8-54 — 00-54 SO-8
SAO-00 TO SAO-54 / SA8-00 TO SA8-54 — 00-54 SAO-8

CONNECT AS SHOWN IN TABLES I, IA, IB OR IE

RO-A / R8-A — 10 AB 0-8
RAO-B / RA8-B — 11 AB 0-8
SO-A / S8-A — 2 AB 0-8
SAO-B / SA8-B — 3 AB 0-8
0-3

MULT TO LIKE NUMBERED CONTACTS OF OTHER DESIGNATED RELAYS

90-119 — 10 — 152
60-119 — 152
60-89 — 10 — 152
30-59 — 10 — 152
0-59 — 152
0-29 — 10 — 152
152,66

BW0 BW29 BW30 BW59 BW60 BW89 BW90 BW119 BWX0 BWX3

TROUBLE RECORDER CONTROL AND TEST CKT OR TROUBLE RECORDER CKT

TO IX0-3 INTERPOSER MAGNETS
COMMON SHAFT
I60 -48
I119 -48
PUNCHING CAM 60 OR 62 ON COMMON SHAFT
2 ROWS PUNCHED SIMULTANEOUSLY
COMMON SHAFT
I0 -48
I59 -48
INTERPOSER MAGNETS
X0 X2 XI X3
SINGLE-SIDED CARD
CARD MOTION
S R SA RA

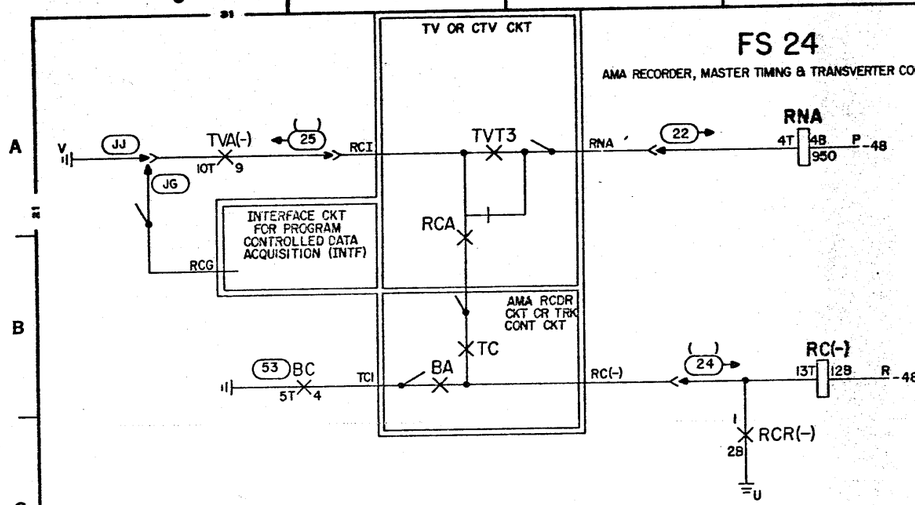
ISSUE 102A

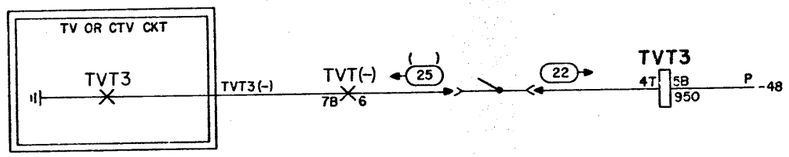
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-B20
BELL TELEPHONE LABORATORIES INCORPORATED
6S

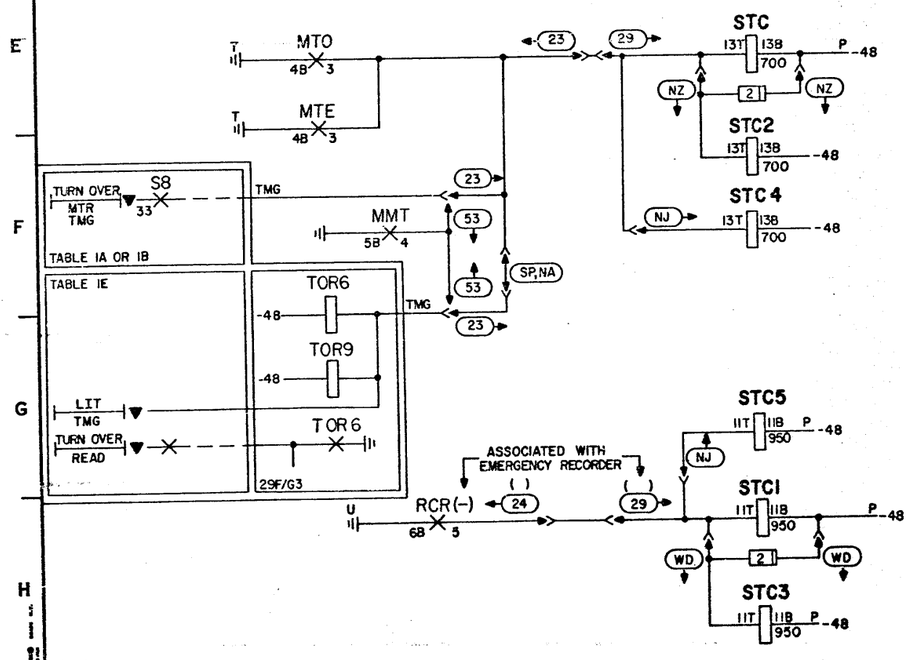
SD-25805-01-B20

FS 24

AMA RECORDER, MASTER TIMING & TRANSVERTER CONTROL







DRAWING ISSUE 75D

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B21

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-B21

FS 25
XTL & XTC PUNCH GENERATION

TABLE I
RI 47 XTL
RI 48 XTC
TABLE IA OR IB
SA7 32 LKI XTL
SA7 33 DCT2 XTC
TABLE IE
SA6 32 RUKI XTL
SA6 33 TSK XTC
E302
E387
XTL
XTC
10
152
30
P-48
XTL 3B 700 4T
XTL 2 3T
WP
WO
XTC2
27
156
RTE 46
RTEA 41
RTE 48
RTEA 44
RTE 49
RTEA 43
RTO 46
RTOA 41
RTO 48
RTO 49
RTOA 44
RTOA 43
27 TABLE I OR IB
156 TABLE IA, IB OR IE
TRUNK CONTROL CKT
AMA RECORDER AND RECORDER CONNECTOR CKT (EVEN MULTS)
AMA RECORDER AND RECORDER CONNECTOR CKT (ODD MULTS)

DRAWING ISSUE 75D

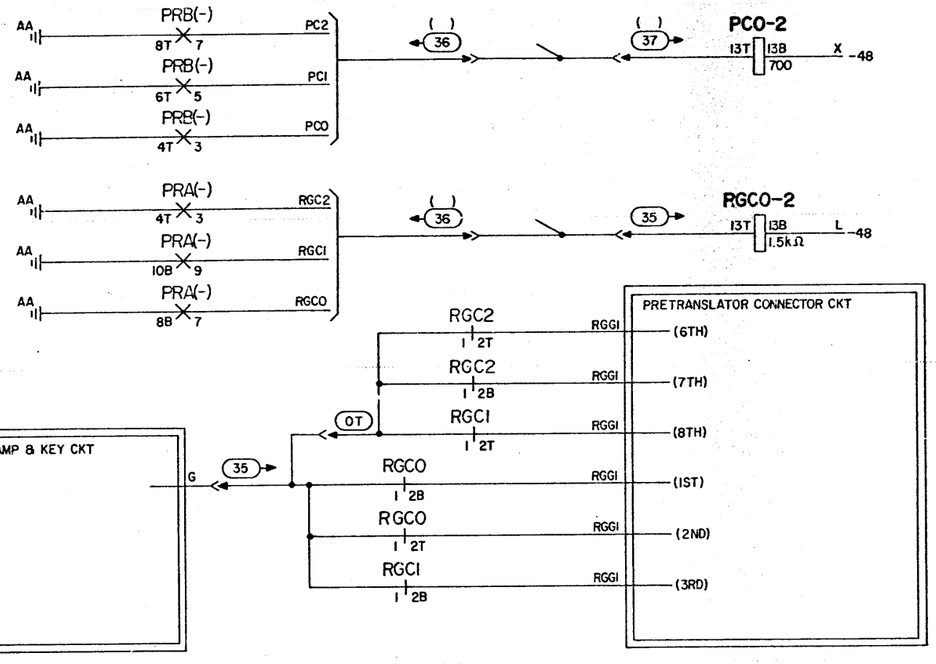
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-B22
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-B22

FS 26

PRETRANSLATOR CONTROL



DRAWING ISSUE 75D

75

MASTER TEST FRAME CONNECTOR CKT (2)

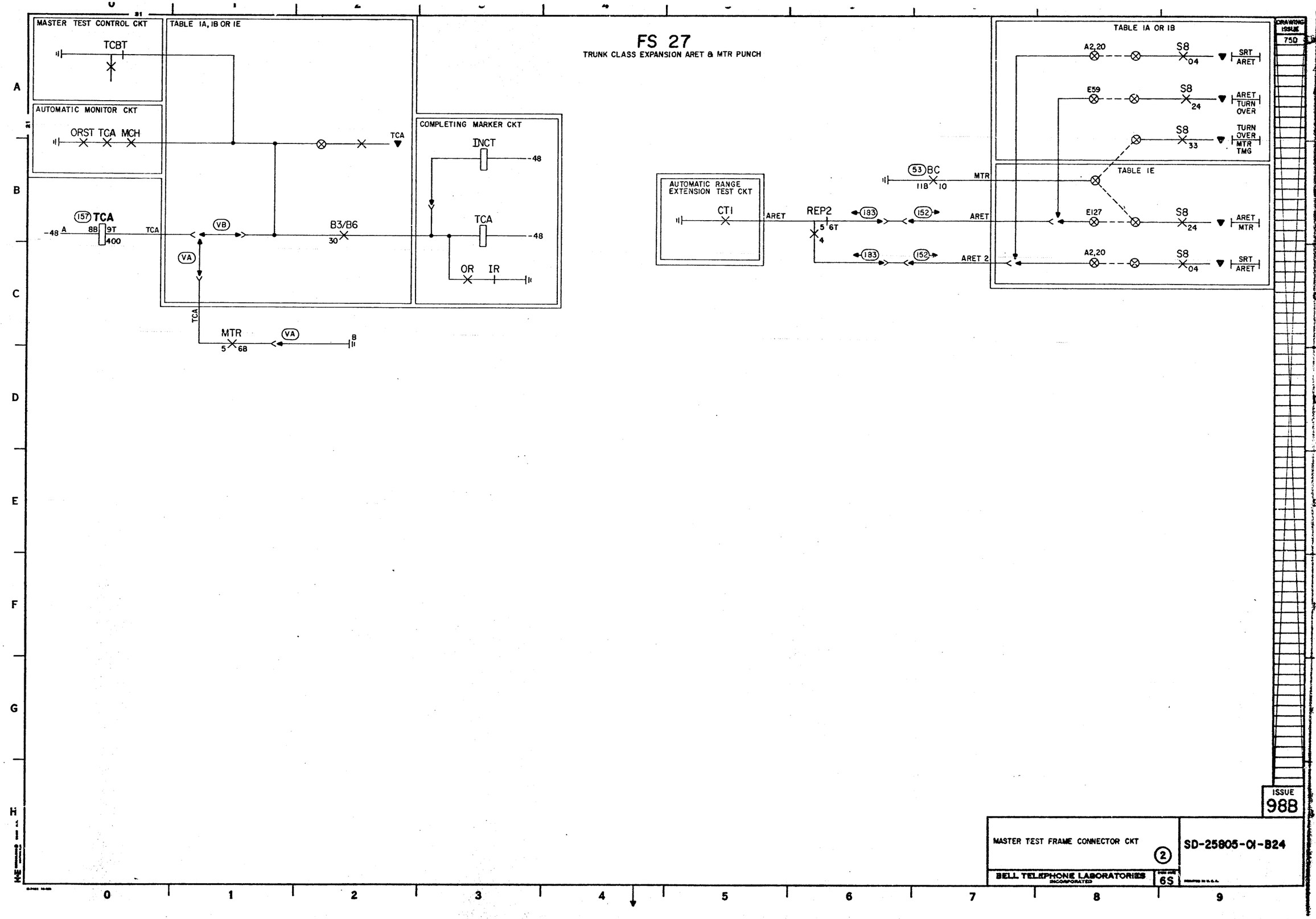
SD-25805-01-823

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-823

FS 27

TRUNK CLASS EXPANSION ARET & MTR PUNCH



FS 28
REPEATING RELAYS

WING ISSUE 750

TABLE I, IA OR IB

TABLE I, IA, IB OR IE

TABLE IA, IB OR IE

FOR TABLE I

FOR TABLE IA,IB OR IE

FOR TABLE IA OR IE FOR TABLE IB ONLY

FOR TABLE IB ONLY

TROUBLE RECORDER CONTROL AND TEST CKT

COMBINED OR COMPLETING MARKER

DIAL TONE MARKER

TEST CONNECTOR CKT FOR ACD

TRANSVERTER CONNECTOR

TRANSVERTER CONNECTOR OR CAMA TRANSVERTER

ODD RELAYS / EVEN RELAYS

SEE TABLE A

TO INTF CKT

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

MASTER TEST. FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

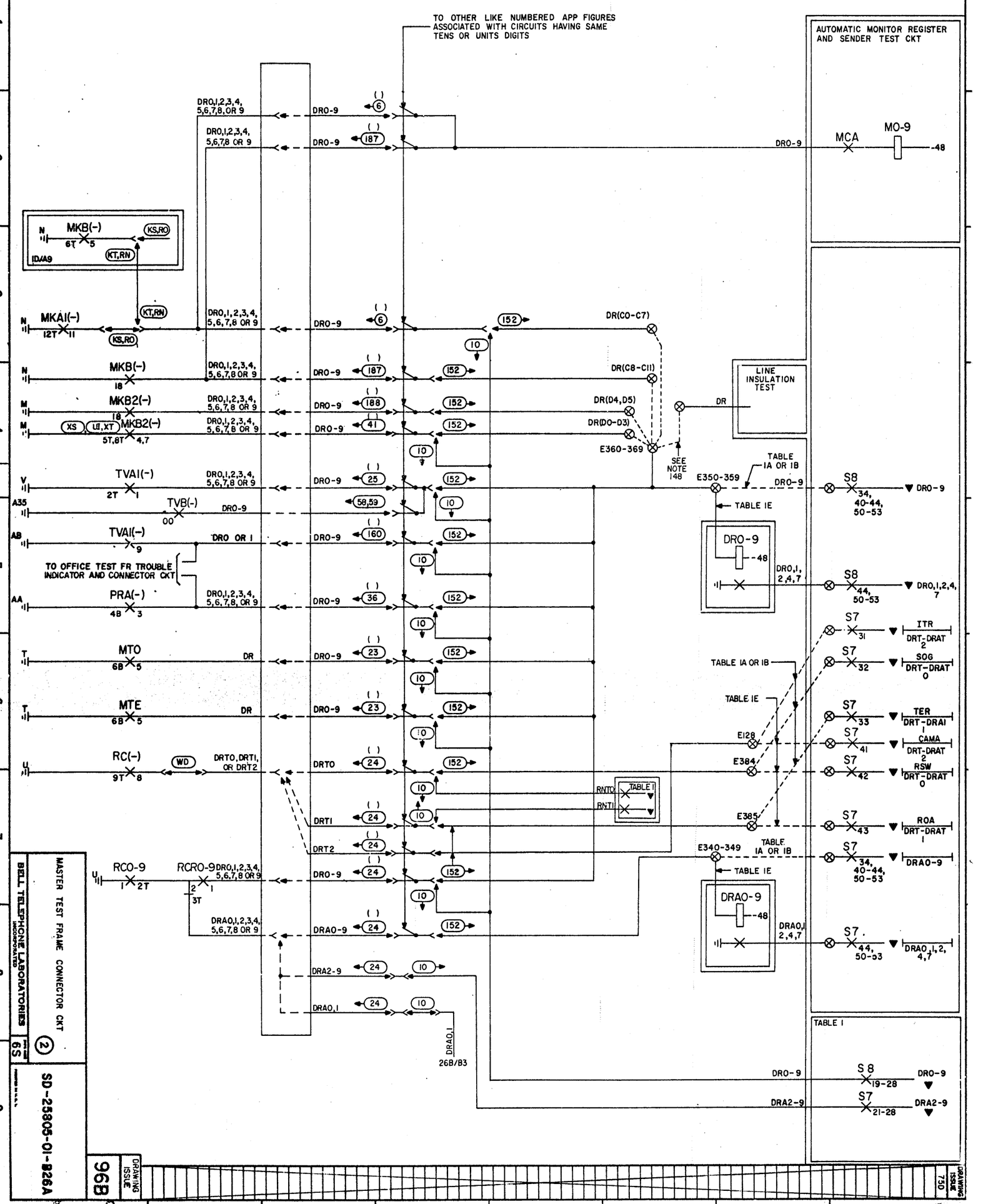
SD-25805-01-B25

ISSUE 96B

SD-25805-01-B25

FS 29

DISPLAY REGISTERED
(NUMBER OF CIRCUITS
CONNECTED TO TROUBLE RECORDER)



FS 29A

DISPLAY REGISTERED
(NUMBER OF CIRCUITS CONNECTED TO TROUBLE RECORDER)
MKR (DRTO, DRTI) AND EMG REC (DR, DRA) LEADS

N — JQ — ⑥MKB(-) 4T 3 — DRT — A

N — (187) MKB(-) 17 — DRT — B

M — JQ — (XS),(XT, UI) MKB2(-) 7T,10T 6,9 — (41) — DRT — C

M — (188) MKB2(-) 17 — DRT — D

TO TABLE I, IA, IB OR IE

U — (24) RC (EMER) 1 2T — (24) RCR (EMER) 2 1 3T — DRA / DR — F

TABLE I

F — DRA 35A9

A — DRT, DRT
C — DRT, DRT
26A/E9 — DRAO, DRAI

CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT

DRTO — S7 19 — TR
DRTI — S7 20 — TR
DRT-DRA 0, I

(Y) (QJ) DRTO — MON
(Y) (QJ) DRTI — MON

TABLE IA

A — DRT — DRT (C0-C7)
B — DRT — DRT (C8-C11)
C — DRT — DRT (D0-D3)
D — DRT — DRT (D4, D5)
F — DR, DRA — DR, DRA

CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT

DRTO — E370, E371, E372, E373 — E381, E383 — DRTO, DRTI
S8 54 — TR — DRTO-DR EMG
S7 54 — TR — DRTI-DRA EMG
(OE, QJ) DRTO, I — MON

TABLE IB

A — DRT
B — DRT
C — DRT
D — DRT
F — DR, DRA — DR, DRA

CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT

DRTO — E381 — S8 54 — DRTO-DR EMG — TR
DRTI — E383 — S7 54 — DRTI-DRA EMG — TR
(OE, QJ) DRTO, I — MON

TABLE IE

A — DRT
B — DRT
C — DRT
D — DRT
F — DR, DRA — DR, DRA

CONNECT TO DRTO OR DRTI ACCORDING TO MKR TENS DIGIT (SEE NOTE 1186)

DRTO — E370, E371, E373, E372 — E381, E383
S8 54 — DRTO-DR EMG — TR
S8, A — AB8 2 — DRTI — TR
CM — S8 30 — MKR-CM — TR
DTM — S8 31 — MKR-DTM — TR
S7 54 — LIO-DRA EMG — TR
DRTO, I — MON

SD-25805-01-B26B

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-25805-01-827

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-827

16A/E1

MKA(-) 11B 10 KS,RO KT,RN

MKAI(-) 4B 3

CNG

MKA(-) 10

MKA2(-) 4B 3

MKA2(-) 10

MKA(-) 5B 4

MKAI(-) 10B 9

CNGI

MKA(-) 12

PRA(-) 10T 9

TVAI(-) 4B 3

TVAI(-) 4

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

MKA(-) 9B 8

MKAI(-) 2B 1

FRG

MKA(-) 11

MKA2(-) 2B 1

MKA2(-) 9

PRA(-) 8T 7

TVA(-) 2B 1

TVAI(-) 5

OG

DTM-, TRC-

DTM-, TPC-

CM-, TRC-

CM-, TRC-

MKA(-) 2B 1 KS,RO KT,RN

MKAI(-) 8B 7

FRGI

LINE, LINE LINK & CONNECTOR CKT OR LINE LINK CONNECTOR CKT

PART OF FS 30
CONNECTOR NUMBER

ORIGINATING REGISTER MARKER CONNECTOR CKT OR ORIGINATING REGISTER MARKER CONNECTOR CKT (MARKER PART)

INCOMING REGISTER MARKER CONNECTOR CKT OR INCOMING REGISTER MARKER CONNECTOR CKT (MARKER PART)

TRANSFER REGISTER MARKER CONNECTOR CKT (MARKER PART)

PRETRANSLATOR CONNECTOR CKT

LINE LINK MARKER CONNECTOR CKT

TRANSFER LINE LINK MARKER CONNECTOR CKT

OUTGOING SENDER CONNECTOR CKT OR OUTGOING SENDER CONNECTOR CKT (MARKER PART)

TRANSVERTER CONNECTOR CKT OR CAMA TRANSVERTER CONNECTOR CKT

ANI TRANSVERTER CONNECTOR CKT

AMA RECORDER & RECORDER CONNECTOR CKT OR TRK CONT CKT

AMA RECORDER & RECORDER CONNECTOR CKT

AMA TRANSLATOR CKT

AIODT CONNECTOR CKT

AMA TRANSLATOR CKT

AIODT CONNECTOR CKT

JK,LP & KEY CKT

ISSUE 750

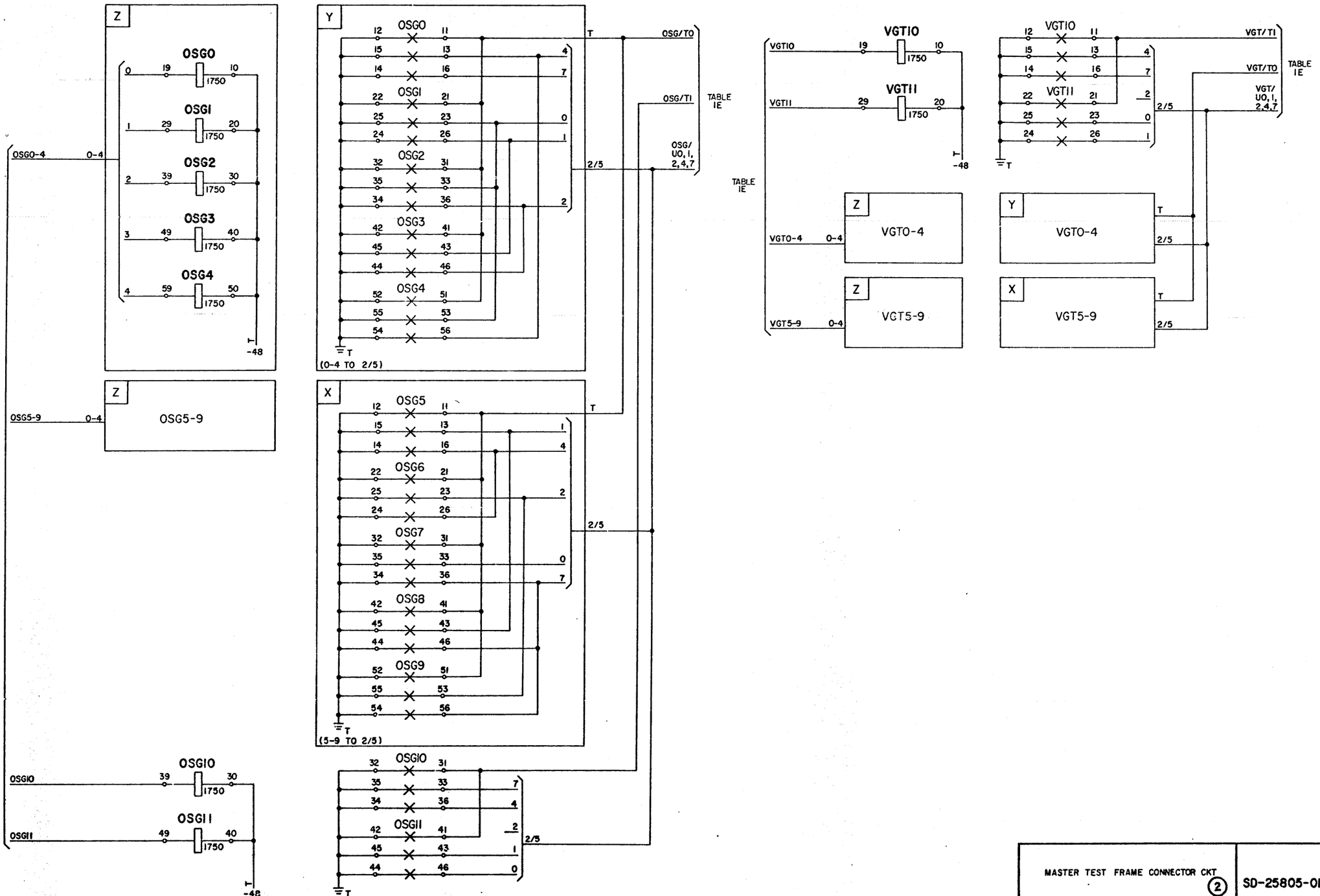
ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B28

BELL TELEPHONE LABORATORIES INCORPORATED 6S

(169) FS 31

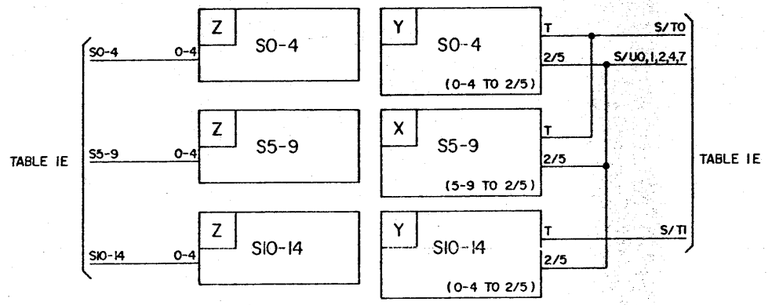
CONVERSION FROM 1/12 TO 2/5



SD-25805-01-B29A

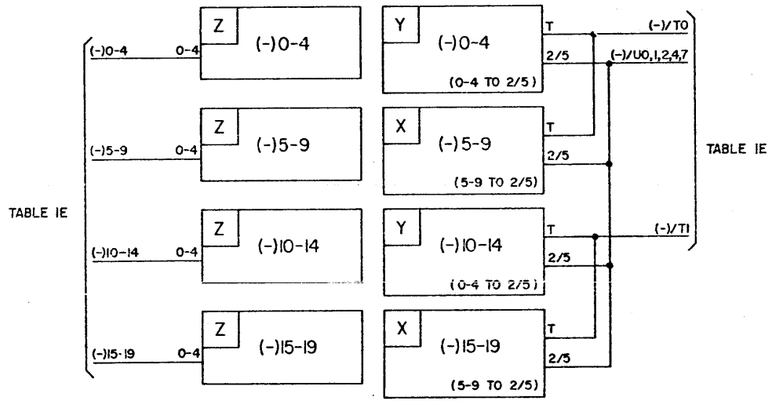
(170) FS 32

CONVERSION FROM 1/15 TO 2/5
(SEE NOTE 1)



(171) FS 33

CONVERSION FROM 1/20 TO 2/5
(SEE NOTE 1)

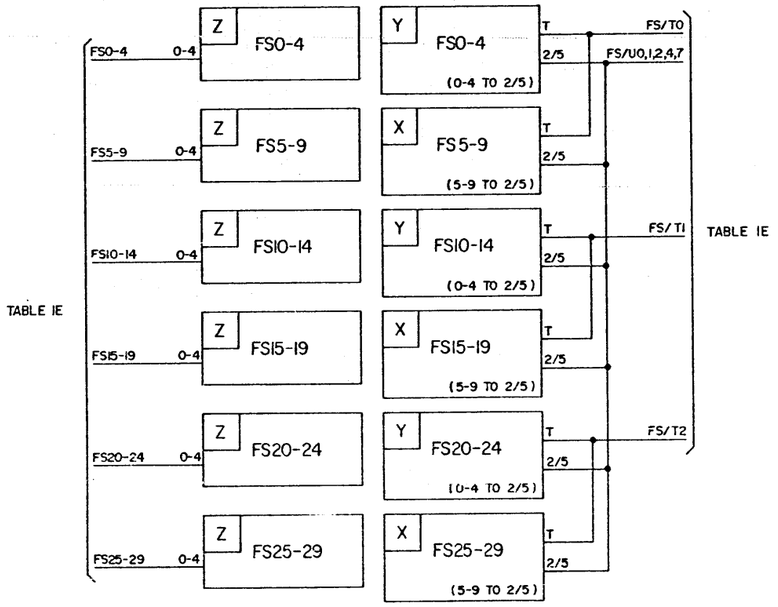


LEADS & RELAYS USING THIS CONVERSION

(-)
G
TG
TS

(172) FS 34

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

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B29B

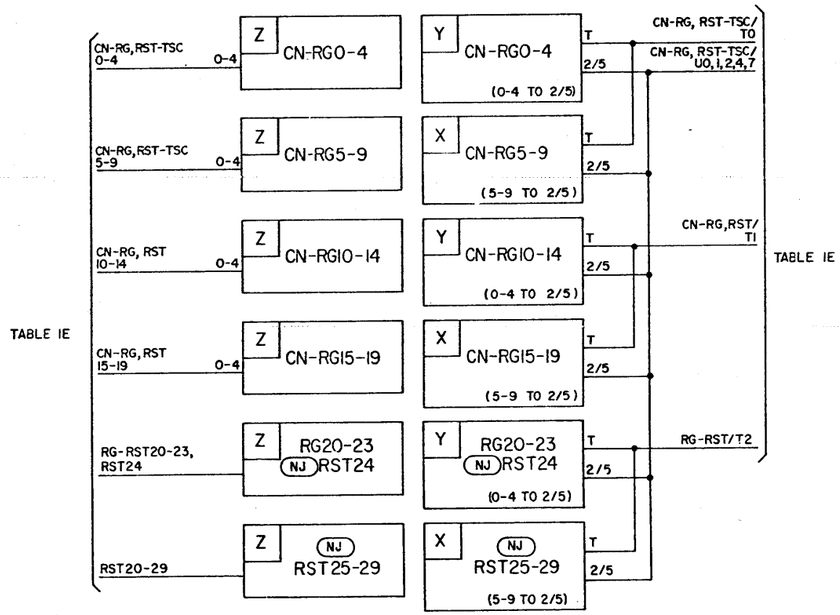
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-B29B

(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
750

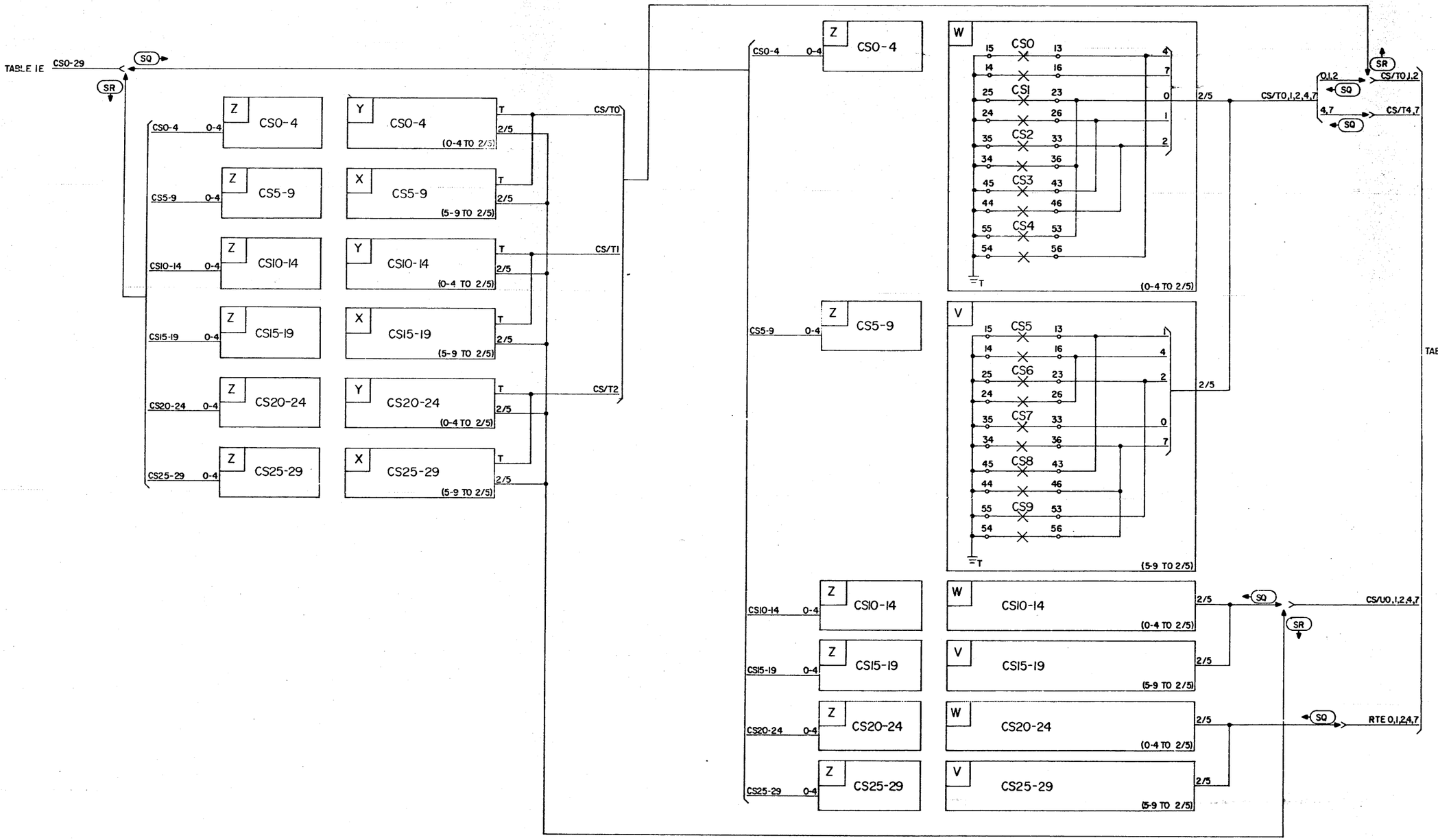
DRAWING ISSUE
96B

MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-B29C
BELL TELEPHONE LABORATORIES INCORPORATED	6S

SD-25805-01-B29C

(174) FS 36

CONVERSION FROM 1/30, 1/60, AND 1/100 TO 2/5
(SEE NOTE 1)



NOTES:
1 SEE SHEET B29A FOR DETAILS OF REPEATED CKT PATTERNS X, Y, & Z.

DRAWING ISSUE 75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

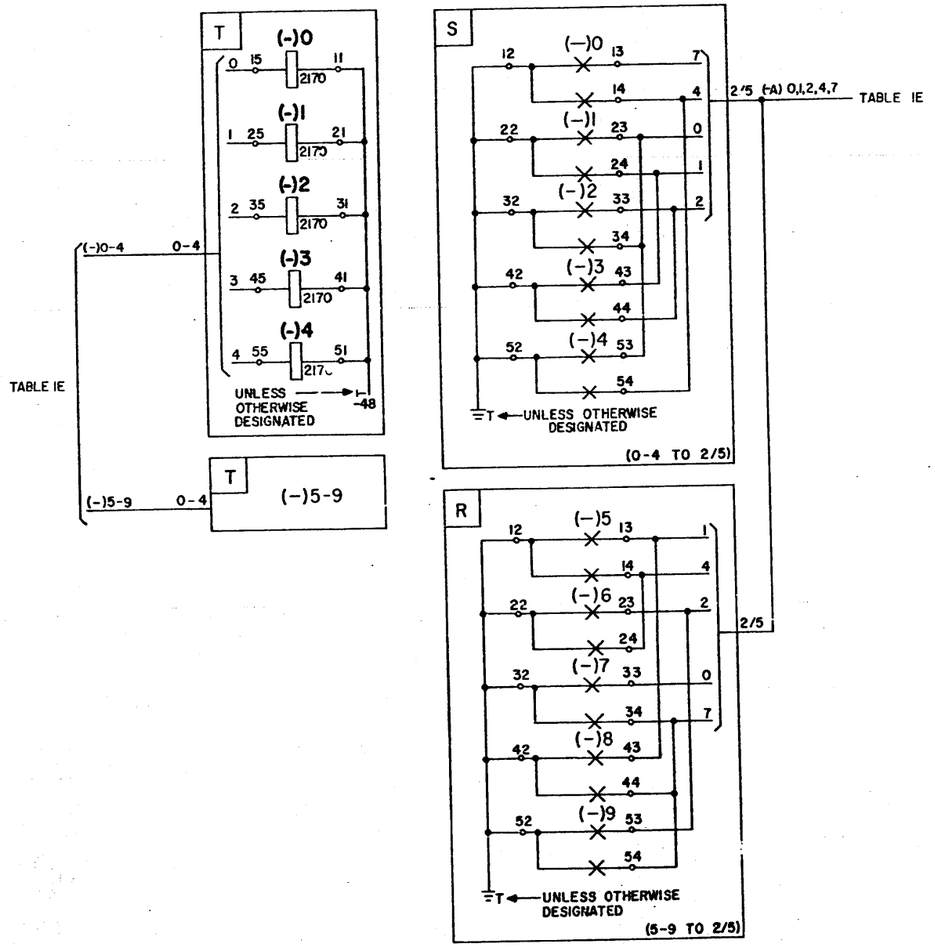
SD-25805-01-B290

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-B290

(179) FS 37
CONVERSION FROM 1/10 TO 2/5



(177) FS 38
CONVERSION FROM 1/10 TO 2/5

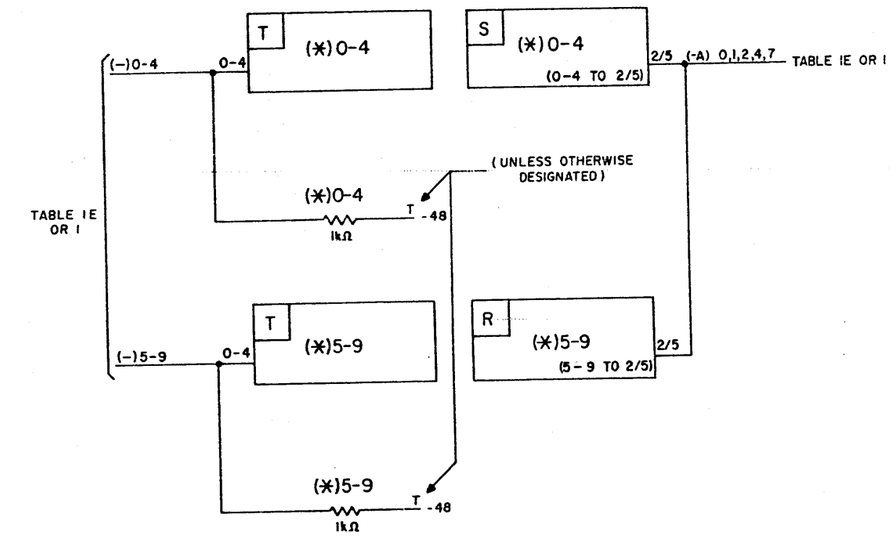


TABLE A

APP FIG	OPT	LEAD AND RELAY DESIGNATION (-)	BATTERY AND GROUND DESIGNATION
179		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	

DRAWING ISSUE 75D

DRAWING ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B29E

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-B29E

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 SP,NA MKR 175
MKT(-), MKT(-)
MKA(-) E
MKA2(-)
2G8

TABLE IE
ARETI
RTA

BC 8B 7
SC 5T 4
AA PRA(-) 6B 5 SP,NA PRB(-) 2B 1 SP,NA ( ) 36 175
53 175
( ) 36 PRT TO OFFICE TST FR TROUBLE INDICATOR & CONN CKT
36 ( )
10 PRT
152 PRT

TABLE I
S8 14 PRT

TABLE IA OR IB
E59 S8-24 S8 24 PRT TURN OVER
T. BLE IE
E59 S8-20 S8 20 MOR PRT

T MTE 4B 3
T MTO 4B 3 SP,NA 23 53
MMT
TMG
2IFO,GI

U RC(-) 11B 10 RCR(-) 5T 4 ( ) 24 175 -175
10
152 REC

TABLE IA OR IB
S8-32 S8 32 TURN OVER REC

TABLE I
S8 17 REC

TABLE IE

12 TORO 13 14 175 MIR S8-21 S8 21 MIR TV
22 TORI 23 24 175 MOR S8-20 S8 20 MOR PRT
32 TOR2 33 34 175 MOS/REC S8-22 S8 22 SSTI MOS REC
42 TOR3 43 44 175 LIT/TMG S8-23 S8 23 LIT TMG
52 TOR4 53 54 T 175 TOR2 S8-43 S8 43 READ TURN OVER

V SP,NA TVA(-) 2B 1 SP,NA ( ) 25 175
AB SP,NA TVA(-) 10 SP,NA ( ) 160 175
175 TORI S8-42 S8 42 TURN OVER READ

TOR5 15 11 2170
CD TAA(0-2) 4,9,9 ( ) 62 175
TOR6 25 21 2170
TOR7 35 31 2170
TOR8 45 41 2170
TOR9 55 51 2170
-48

12 TOR5 13 14
22 TOR6 23 24
32 TOR7 33 34 T
43 TOR8 42 44
53 TOR9 52 54

DRAWING ISSUE 75D
DRAWING ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-B29F
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-B29F

FS 40

FALSE GROUND PROTECTION DIODES

GO-19 — LV 54 GO-19 LV — 2 1 — LU — (GPO-19) — GO-19 — TO AMA TRANSLATOR CKT

GO-19 — LX 54 GRO-19 LX — 2 1 — LW — (GRO-19) — GO-19 — TO AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CKT

TO TABLE I, IA, IB OR IE

GA — LV 54 GA LV — 2 1 — LU — (GPA) — VH — GA / GA — TO AMA TRANSLATOR CKT

GA — LX 54 GRA LX — 2 1 — LW — (GRA) — GO-19 / GA — TO AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CKT

FOR TABLE I ONLY

GB — LV 54 GB LV — 2 1 — LU — (GPB) — VH — GB / GB — TO AMA TRANSLATOR CKT

GB — LX 54 GRB LX — 2 1 — LW — (GRB) — GO-19 / GB — TO AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CKT

FOR TABLE I ONLY

FS 41

CONNECTING RELAYS FOR CDT

CALL DATA TRANSMITTER APPLICATION CKT

A0: A6 B6 C6 D6 E6 F6

A1: GA GB GC GH HG JG KG

A2: GC GD GE GF GH GJ

A3: CGG CTG CUG GK GL GM

CALL DATA TRANSMITTER APPLICATION CKT

A4: ECTG ECUG FNG FTG FUG HNG

A5: MTG NRG OBG OEG OFTG OFTG

A6: RCG SPTG SPUG TFTG TFUG TG

A7: THG TMG TNTG TNUG UG VGG

FOR TRANSLATOR ACCESS CKT

A35 — 58,59 TVB(-) — 50 — 60 V0 T B 275 — 3 — 60 V1 T B 275 — A33 -48

FOR CDT APPLICATION CKT (ONE PER CONTROLLER IST AND 2ND APP FIGURES 59 & 61)

A35 — 59 TVB — 51 — 61 V2 T B 275 — 3 — 61 V3 T B 275 — 3 — 61 V4 T B 275 — A33 -48

A35 — 59 TVB — 52 — 61 V5 T B 275 — 3 — 61 V6 T B 275 — 3 — 61 V7 T B 275 — A34 -48

A35 — 59 TVB — 53 — 61 V8 T B 275 — 3 — 61 V9 T B 275 — A34 -48

3RD TRANSLATOR ACCESS CKT

TRSTO — TVCOO — TVB(-) 10 — 58 — TO FIRST APP FIG 61

TRSTI — TVCIO — TVB(-) 01 — 58 — TO SECOND APP FIG 61

TRSTO — TVCOI — TVB(-) 11 — 58 — TO FIRST APP FIG 61

TRSTI — TVCII — TVB(-) 02 — 58 — TO SECOND APP FIG 61

TRSTO — TVCO2 — TVB(-) 12 — 38 — TO FIRST APP FIG 61

TRSTI — TVCI2 — TVB(-) 03 — 58 — TO SECOND APP FIG 61

61

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B296

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B296

LEGEND

(FOR TABLE 1)

NOTES:

ABBR	CONNECTING CKT
AIODT	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR
AIOD-TC	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONN
AIS-SC	SENDER CONNECTOR FOR AUTOMATIC INTERCEPT SERVICE WITHOUT USING LINE LINK PULSING
AMAR	AMA RECORDER
AMAT	AMA TRANSLATOR
APTT	AUTOMATIC PROGRESSION TRUNK TEST
ATV	ANI TRANSVERTER
ATVC	ANI TRANSVERTER CONNECTOR
BDT	BILLING DATA TRANSMITTER
C&C	CALENDAR AND CLOCK CKT
CDTA	CALL DATA TRANSMITTER APPLICATION CKT
CLVA	COMPUTER LINE VERIFICATION ACCESS
CM	COMBINED OR COMPLETING MARKER
CWL	CALL WAITING LINK
DAPC	DIRECT ACCESS PRETRANSLATOR CONNECTOR
DAS	DISTRIBUTOR AND SCANNER OR DISTRIBUTOR AND SCANNER APPLICATION FOR ETS
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 & KEY
JLK-ACD	JACK LAMP & 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
LLMC*	LINE LINK MARKER CONNECTOR MAXIMUM CAPACITY 4 CONNECTORS PER FRAME
LV	LINE VERIFICATION
MON	AUTOMATIC MONITOR
MROTL	MINI-ROTL INTERFACE CKT
MT	MASTER TIMING
MTC	MASTER TEST CONTROL
NGC	NUMBER GROUP CONNECTOR
NG&C	NUMBER GROUP & CONNECTOR
OR	ORIGINATING REGISTER
ORMC	ORIGNATING 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

NOTES: (CONT)

ABBR	CONNECTING CKT
PBXA	PBX ALLOTTER
PCTV	PROGRAM CONTROLLED TRANSVERTER
PRT	PRETRANSLATOR
PRTC	PRETRANSLATOR CONNECTOR
PRTC-ORP	PRETRANSLATOR CONNECTOR-ORIGINAL REGISTER PART
ROTC	REMOTE OFFICE TEST CONTROL
ROTL	REMOTE OFFICE TEST LINE
ROTL-TMB	REMOTE OFFICE TEST LINE TRUNK MAKE BUSY CKT
ROTR	REMOTE OFFICE TEST LINE REGISTER
SSI ST	STUCK SENDER TRUNK IDENTIFIER SENDER TEST
TA	TRANSLATOR ACCESS CKT
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 (PART OF SD-26029-01)
TT	TRUNK TEST
TTR	TRUNK TEST REGISTER
TV	TRANSVERTER
TVC	TRANSVERTER CONNECTOR
WC	LINE CONCENTRATOR NO 2A CONTROL (WADS)
FIG.	APP FIGURES WITHIN MTF CONNECTOR

2. LEADS ON THE CONNECTOR AND SCANNING RELAYS OF FIGURES 8-10,26 & 27, ETC ARE MULTIPLED AS INDICATED IN THE FIGURES IN WHICH THESE RELAYS APPEAR. THESE FIGURES SHOWN SCHEMATICALLY ARE FOR 263 TYPE RELAYS. THE FOLLOWING SCHEMATIC SHOWS THE DIFFERENCE BETWEEN THE HORIZONTAL MULTIPLING OF THE 263 & 287 TYPE RELAYS.



ARMATURE-263 TYPE
FIXED SPRING-287 TYPE

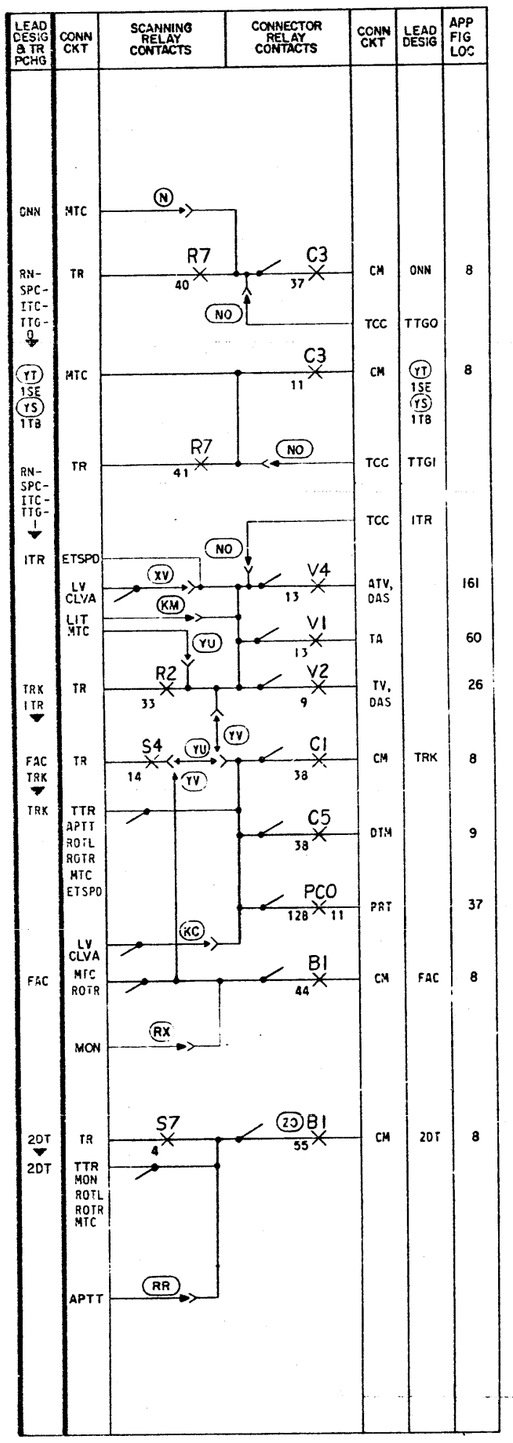
263 TYPE-ARMATURE IS HORIZONTAL STRAPPING SIDE.
287 TYPE-MAKE CONTACT IS HORIZONTAL STRAPPING SIDE.

FOR MULTIPLE INFORMATION ON OTHER LEADS SEE THEIR CORRESPONDING FIGURES.

3. THE BW0-BW119 LEADS ARE THE DESIGNATIONS OF THE LEADS FROM THE SCANNING RELAYS OF FIG.10 TO THE TROUBLE RECORDER.

TABLE I

(SINGLE SIDED TROUBLE RECORDER CARD) (E-3638; NOTE 1301)



DRAWING ISSUE
39D AAS AEL ABD
42D CNM GZM AHD
43D BM PCJ EHD
50AC RLP PEM AHD
55D RLP JW
56D PES GJM AHD
62D JK
64D DLB
68D
70D
73D
74A
75D

DRAWING ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B30

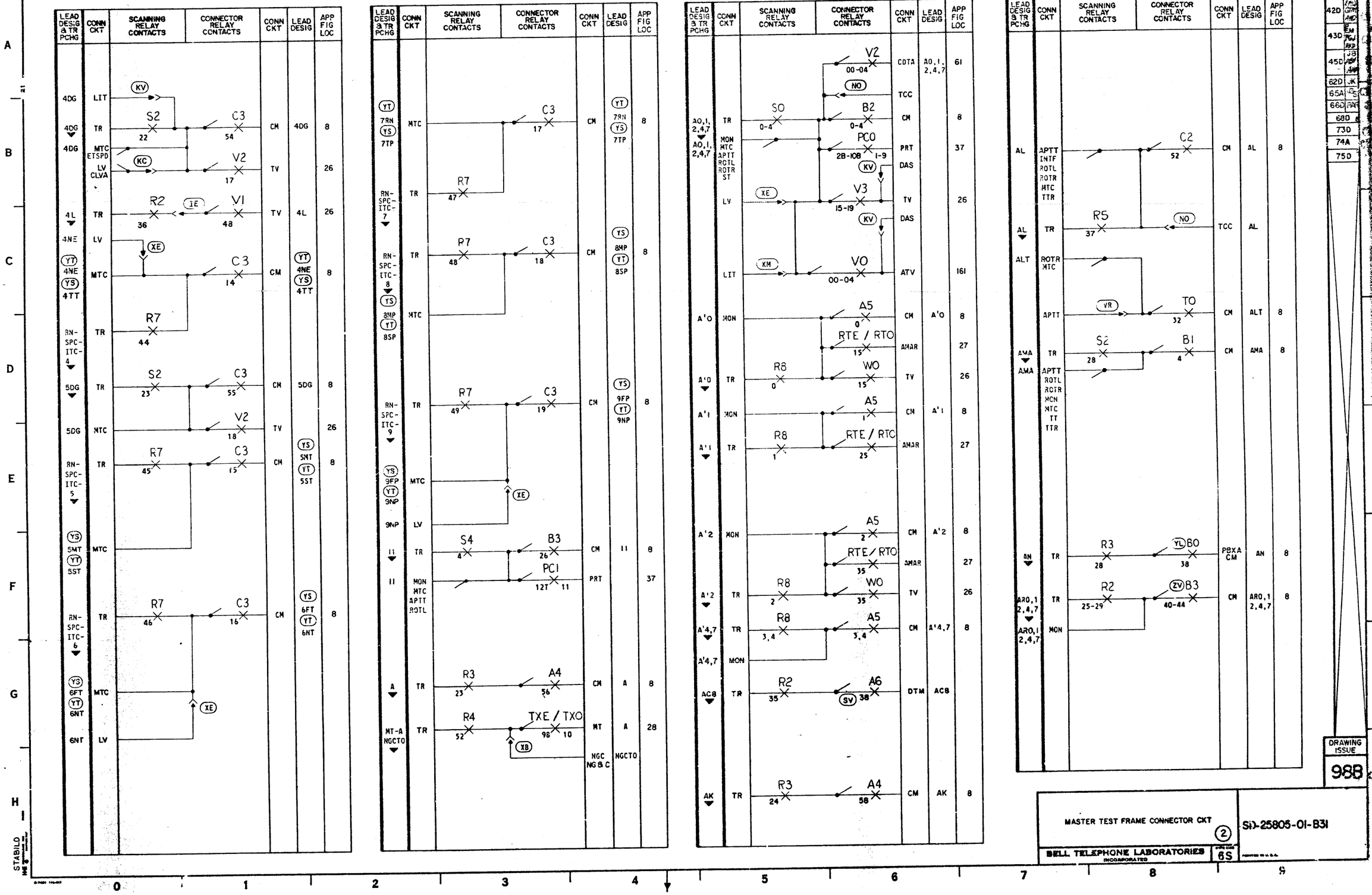
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B30

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TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)



DRAWING ISSUE
39D
42D
43D
45D
62D
65A
66D
68D
73D
74A
75D

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B3I

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B3I

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCD1 ASP ▼	TR	R2 54	TXE/TXO 58 6	MT	ASP	28
			V8 33	CDTA	RCD1	61
AT ▼	TR	R4 51	(YM) RTE/RTO 0	AMAR	AT	27
ATKT ▼	TR	S8 2		APTT ROTL ROTR MROTL	ATKT	10
AVK1 ▼	TR	S1 22	B3 3	CM	AVK1	8
AVK1	MON					
MT-B NGCT1 ▼	TR	R4 53	TXE/TXO 1T 2	MT	B	28
		(XB)		NGC NG & C	NGCT1	10
B0,1, 2,4,7	APTT ROTL ROTR TTR MON MTC ST LIT LV		B2 5-9	CM	B0,1, 2,4,7	8
			PC1 28 1 TO 10B 9	PRT		37
		(KM)				
		(XE)	(KV)	DAS		
B0,1, 2,4,7 ▼	TR	S0 5-9	V3 20-24	TV		26
			V0 10-14	ATV		161
			(KV)	DAS		
			V2 10-14	CDTA		61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
B'0,1, 2,4,7	MON		A5 5-9	CM	B'0,1, 2,4,7	8
			RTE/RTO 50-54	AMAR		27
B'0,1, 2,4,7 ▼	TR	R8 5-9	W0 50-54	TV		26
BLC	MTC		T0 1	CM	BLC	8
BN ▼	TR	R2 14	B1 7	CM	BN	8
BN	ETSPD MTC	(KC)				
	LV CLVA					
BR0,1, 2,4,7	MON		B3 50-54	CM	BR0,1, 2,4,7	8
			(ZV)			
BR-CR' 0,1,2, 4,7 ▼	TR	R6 25-29	(ZU)	MON	CR'0,1 2,4,7	10
RCDO BSP ▼	TR	R2 53	TXE/TXO 7B 8	MT	BSP	28
			V8 32	CDTA	RCDO	61
BST	MTC		C0 33	CM	BST	8
	LV	(XE)				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
BT	APTT ROTL ROTR TTR MTC INTF LV		B3 1	CM	BT	8
		(XE)				
BT ▼	TR	S7 53	C4 39	DTM		9
			(NO)	TCC		
BW0-59	TR	R0-8 0-59			THE CONN LEADS ARE LISTED IN THIS TABLE BY THEIR TR PUNCH DESIG	
BWX 0-3	TR	(66) AB0-8 10,11,2,3	(XO)			
BW60-119	TR	S0-8 0-59				
BY ▼	TR	R2 7	C1 52	CM	BY	8
BY	ROTR INTF					
BY ▼	TR	R3 59	(IC) V1 48	TV		26
		(IE)				
			W0 18			
C	MTC		W0 26	TV	C	26
C0,1, 2,4,7	APTT ROTL ROTR MON MTC ST TTR		B2 10-14	CM	C0,1, 2,4,7	8
			PC0 2T 1 TO 10T 9	PRT		37
	LV	(XE)				
	LIT	(KM)				
			(KV)	DAS		
			V0 20-24	ATV		161
C0,1, 2,4,7 ▼	TR	S0 10-14	V3 25-29	TV		26
			(KV)	DAS		
			V2 20-24	CDTA		61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
C'0,1 2,4,7	MON		A5 10-14	CM	C'0,1, 2,4,7	8
			RTE/RTO 40-44	AMAR		27
C'0,1, 2,4,7 ▼	TR	R8 10-14	W0 40-44	TV		26
CGA,B	APTT MTC ROTL ROTR TTR		C2 12,13	CM	CGA,B	8
			V7 50,51	CDTA		61
VGT 12,13 CGA,B ▼	TR	S3 42,43	(YZ) C4 12,13	DTM		9
		(ZK,XA)				
VGT12, 13	MTC		C0 12,13	CM	VGT12, 13	8
CGT ▼	TR	S7 30	C0 38	CM	CGT	8
CH0-9	FS 28 25A6		A1 30-39	CM	CH0-9	8
			A7 30-39	DTM		9
			(NO)	TCC		
CH0-9 ▼	TR	R7 50-59		FS 28 25A4	CHA0-9	
CHA	FS 28 25A9		A1 29	CM	CHA	8
			A7 29	DTM		9

DRAWING ISSUE	
39D	RAS, W&G, AND
42D	E&M, G.T.M. AND
43D	E&M, P.C.I. & 3/40
62D	JK
74A	
75D	

DRAWING ISSUE 102A

SD-25805-01-B32

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B32

BELL TELEPHONE LABORATORIES INCORPORATED 6S

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TABLE I (CONT)
(FOR OFFICE USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JXP1 CHE ▼	TR	S8 35	A2 7	CM	JXP1	8
			A8 5	DTM	JXP1 (WM) CHE	9
			NO	TCC	JXP1	
CI1	TR	R3 44	VI 13	TV	CI1	26
CI2 ▼	TR	R3 42	VI 14	TV	CI2	26
CI3 ▼	TR	R3 41	VI 15	TV	CI3	26
CI4 ▼	TR	R3 40	VI 16	TV	CI4	26
CI1T-CI4T	MTC		VI 41-44	TV	CI1T-CI4T	26
TB7 CIFA ▼ TB7	TR	R3 51	ZX VI 51	TV	CIFA	26
	ROTL-TMB		NO	TCC	TB7	
			PI A3 59	CM		8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CIFAT	MTC		ZX VI 54	TV	CIFAT	26
			NO	TCC	CK	
CK	CLVA		KD A2 39	CM		8
	ETSPD	S8 41	A8 57	DTM		9
CK ▼	TR					
CK	MTC		V8 21	CDTA	FN	61
FN CK ▼	TR	R2 44	VI 21	TV	CK	26
DAC CKI ▼	TR	R3 33	VO 52	TV	CKI	26
			V8 6	CDTA	CK	61
			V4 00	ATV	CKI	161
			RT B3 03	CM	DAC	8
			RT A2 32	CM	TLT	8
TLT CK2 ▼	TR	R3 34	VO 15	TV	CK2	26
LOLD CK4 ▼	TR	R3 35	VO 7	TV	CK4	26
			PN T1 8	CM	LOLD	8
		R3 32	VO 9	TV	CK7	26
CKG ▼	TR	S8 31	A7 27	DTM		9
CKG CKG /GC	INTF		A1 27	CM	CKG	8
CKG GC CKG ▼	MTC		XV NO TCC			
CKG	LV CLVA					
	TR	R3 31	V2 8	TV	CKG	26
	ETSPD					
	LIT		KM V4 21	ATV	GC	161
			VI 21	TA		60
CKGI	APTT ETSPD ROTL ROTR TTR MTC		TO 10	CM	CKGI	8
	LV CLVA		KC			
CKG2	MTC		TO 11	CM	CKG2	8
			T2 12	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CKO ▼	TR	R3 21	A4 45	CM	CKO	8
CKO	ETSPD					
CKR ▼	TR	R3 22	A4 41	CM	CKR	8
CKR	ROTR					
CL1, 2,4,5	MON		B1 10,11, 13,14	CM	CL1,2, 4,5	8
CL1, 2,4,5 VGO, 1,3,4 ▼	TR	R5 22,23, 25,26	NO	TCC		
CL5	ROTL ROTR		KZ VI 30,31, 33,34	TA	VGO, 1,3,4	60
			NO	TCC	CL3	
CL3 VG2 ▼	TR	R5 24	B1 12	CM		8
CL3	MON					
	MTC		UF			
CL3	ROTL ROTR		KZ VI 32	TA	VG2	60
CL6	MON		B1 2	CM	CL6	8
CL6 VG5 ▼	TR	R5 27	VI 40	TA	VG5	60
CL7	MON		UP B3 20	CM	CL7	8
	TR	R4 40				
CL8	MON		UP B3	CM	CL8	8
CL9 ▼	TR	R4 41	R1 JC 35	BDT	CLF	
CLF ▼	TR					
CLG ▼	TR	R5 56	A2 26	CM	CLG	8
			NO	TCC	TCK	
TCK CLK ▼	TR	R5 59	A2 19	CM	CLK	8
CLT 1,2 ▼	TR	R5 57, 58	VM A2 20, 21	CM	CLT1,2	8
CM3	MTC		PC1 41 3	PRT	CM3	37
CM3 ▼	TR	S3 11				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
		SEE CROSS CONN FIG. 60 & 83 NOTE 112				
CMA	MTC		ZB,ZC PC1 6T 5	PRT	CMA	37
CMA ▼	TR	S3 12				
		SEE CROSS CONN FIG. 60 & 83 NOTE 112				
CMB	MTC		ZB,ZC PC1 8T 7	PRT	CMB	37
CMB ▼	TR	S3 13				
		SEE CROSS CONN FIG. 60, 80, 83 (SEE NOTE 112)				
CMC	MTC		ZB,ZC PC1 10T 9	PRT	CMC	1ST 3RD 37
CMC ▼	TR	S3 14	PC1 10T 9	PRT	LKI	6TH-8TH 37
CN	TR	R4 31	A2 9	CM	CN	8
			A8 6	DTM		9
CNO,1 ▼	TR	S2 4.5		ATVC TVC OSC OSC-MP OS	CNO,1	10
			WU	OSC-MP	CN2	10
CN2 ▼	TR	S2 6		TVC		

DRAWING ISSUE

39D	JXP1 JXP2 JXP3 JXP4
42D	CMA CMB CMC CMD
43D	EM FSJ FSK JW JWD
55D	JW JWD
62D	JK
63A	FLK
64D	JS
69A	
70D	
73D	
74A	
75D	

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B33

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-B33

STABILO

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CN0-2 ▼	TR	S6 10-12	NO	PRTC IRMC TRC ORMC ORMC-MP IR LLMC* OR TCC	CN0-2	10
CN3	TR	S6 13		IRMC TRC ORMC ORMC-MP IR LLMC* OR	CN3	10
CN-RG-RST-0-9 ▼	TR	S6 19-28	NO YC	TCC	CN-RG 0-3 CN4-9	
				LLMC		10
				CRMC ORMC-RP IRMC IRMC-RP OR IR	RG0-9	10
			RGC0 3B 4 TO 11T 12	PRTC PRTC-ORP	RG0-9	35
			STC1 1B 2 TO 9T 10	AMAR	RST0-9	29
			STC 1B 2 TO 9T 10	MT	RST0-9	29
			VO 50-59	TV	RST0-9	26
CN-RG-RST-10-15 ▼	TR	S5 0-5	YC	LLMC	CN10-15	10
				CRMC ORMC-RP IRMC IRMC-RP OR IR	RG10-15	10
			RGC1 38 4 TO 3T 4	PRTC PRTC-ORP	RG10-15	35
			ND WD STC3 1 TO 2B 1 TO 2T	AMAR	RST10-15	29
			WD STC2 1 TO 2B 1 TO 2T	MT		29
			V4 00-04,10	TV		158
CN-RG-RST-16-19 ▼	TR	S5 6-9	XD	LLMC	CN16-19	10
				CRMC ORMC-RP IRMC IRMC-RP OR IR	RG16-19	10
			RGC1 5T TO 6 IIT TO 12	PRTC PRTC-ORP	RG16-19	35
			ND WD STC3 3 TO 4T 9 TO 10T	AMAR	RST16-19	29
			WD STC2 3 TO 4T 9 TO 10T	MT		29
			V4 11-14	TV		158
CNR	MTC	C3 6		CM	CNR	8
CMK CNR ▼	TR	S3 10	PC2(5-7) OT 8T 7	PRT	CMK	37
CNS ▼	TR	R5 43	B3 5	CM	CNS	8
CON	MTC	C0 37		CM	CON	8
CON ▼	TR	S7 44	C4 37 NO	DTM		9
				TCC		
CPO	MON	CPO LEAD ONLY	V7 30-34	CDTA	CTO,1, 2,4,7	61
CPO,1 2,4,7	MTC	C3 30-34		CM	CPO,1 2,4,7	8
CP-CT-0,1,2,4,7 ▼	TR	R5 0-4	V2 20-24	TV		26
CR	MON MTC	B3 8		CM	CR	8
CR ▼	TR	S3 3				
CRO,1, 2,4,7	MON	B1 30-34		CM	CRO,1 2,4,7	8
CRO,1, 2,4,7 ▼	TR	R7 26-29				
CRR-0,1,2 ▼	TR	R5 44-46	C3 50-52	CM	CRRG, 1,2	8
CSO-29	MTC ETSPD		NO C1 0-29	TCC	CSO-19	
				CM	CSO-29	8
	LV CLVA	KC	C5 0-29	DTM		9
CS-TLR-0-29 ▼	TR	S2 30-59		AMAT AIODT	TLRO-29	10
CSG1	APTT ROTL ROTR		T1 30	CM	CSG1	8
	MTC ETSPD TTR		T3 30	DTM		9
	LV CLVA	XC				
CSG2	APTT ROTL ROTR TTR MTC		T1 31	CM	CSG2	8
			T3 31	DTM		9
CTO-2 ▼	TR	R1 25-27	A0 29-31 NO	CM	CTO-2	8
				TCC		
			A6 29-31	DTM		9
CTAO-2	APTT ROTL ROTR MTC TTR		T1 34-36	CM	CTAO-2	8
CTMB	MTC		WO RS 37	TV	CMB	26
			V3 RS 53	ATV		161
CUO,1 2,4,7	APTT ROTL ROTR		C1 30-34	CM	CUO,1, 2,4,7	8
	MTC TTR		C5 30-34 JC	DTM		9
CU-EF-ECU-0,1,2,4,7 ▼	TR	R0 25-29		BDT	FO,1,2 4,7	
			V7 00-04	CDTA	ECU 0,1,2, 4,7	61
D	MTC		C1 35	CM	D	8
	MON	RX				
D ▼	TR	S7 1	C5 35	DTM		9

*SEE LEGEND, FOR TABLE 1, NOTE 1

DRAWING ISSUE
39D MLT MEP AHD
42D CMK STR AHD IEN IGI AHD
43D CMR IGI AHD
52D CMR IGI AHD
56D
62D JK
66D
70D
73D
74A
75D

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

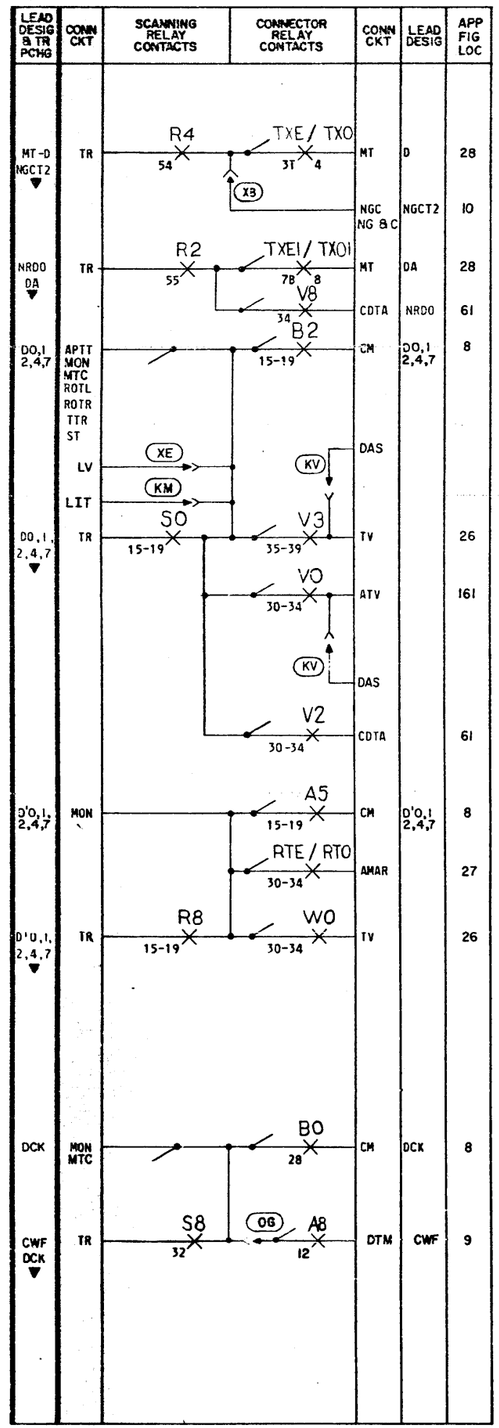
SD-25805-01-B34

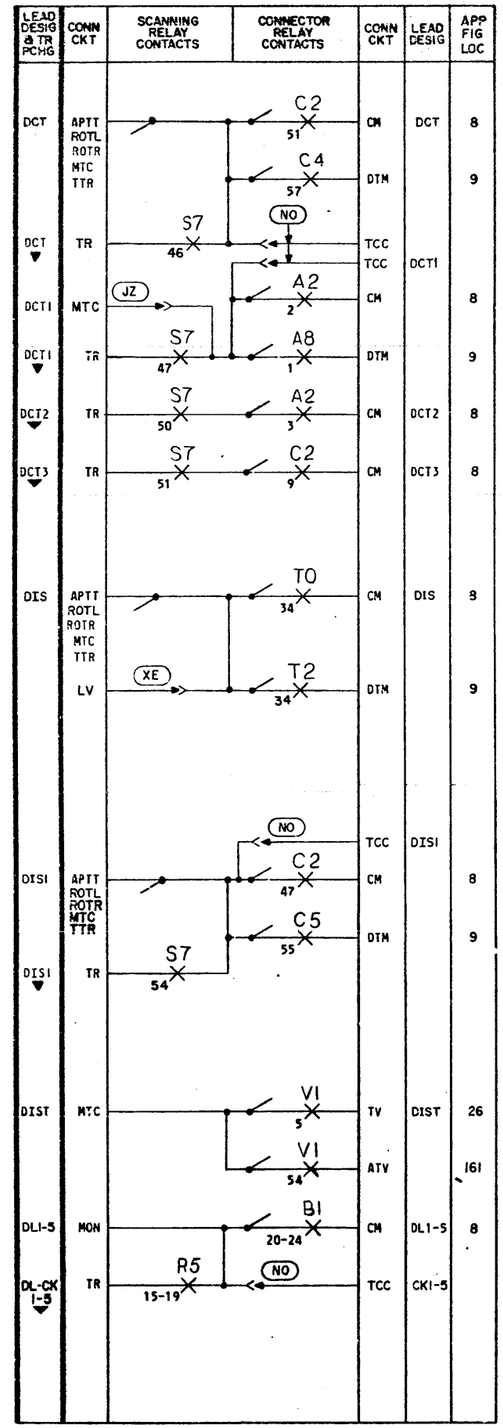
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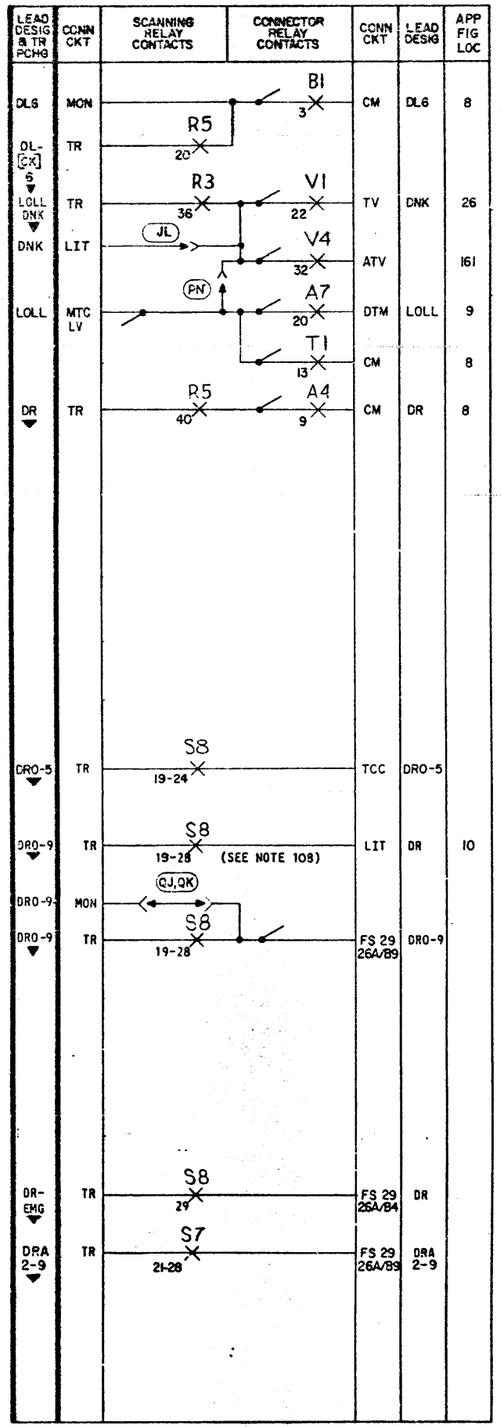
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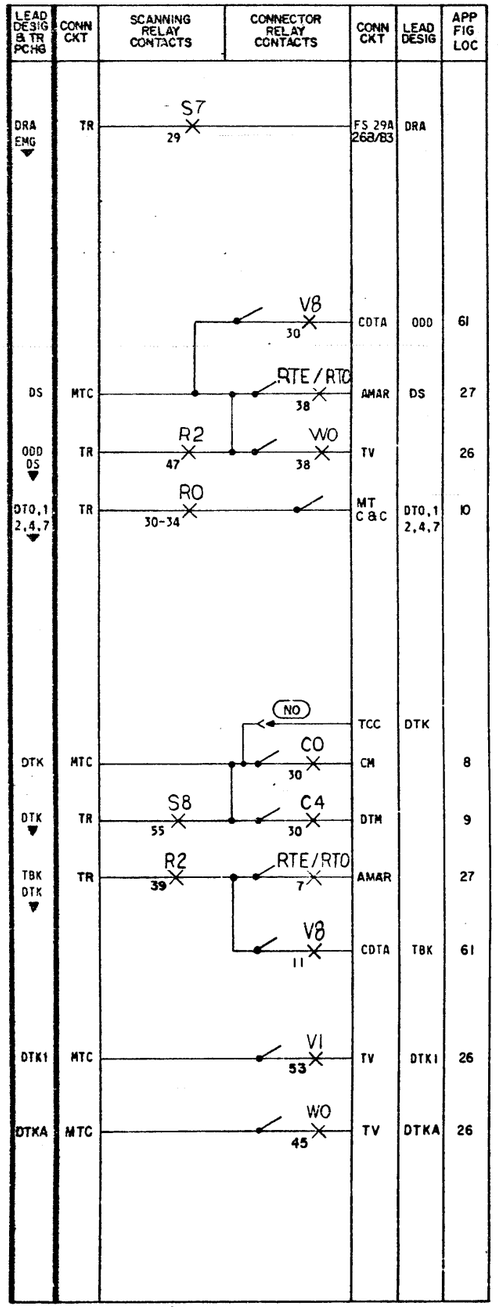
SD-25805-01-B34

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)









DRAWING ISSUE
39D DB NEW ADD
42D EM, GTA, AND
43D EM PAL ADD
55D JW ADD
56D GA ADD
62D JK
63A FLK
70D
73D
74A
75D

DRAWING ISSUE
98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B35

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B35

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
DTN	MTC		RTE/RTO 56	AMAR	DTN	27
HMSI DTN ▼	TR	R2 41	WO 56			26
			V8 13	CDTA	HMSI	61
DUO,1, 2,4,7 ▼	TR	RO 35-39		MT C&C	DUO,1, 2,4,7	10
MT-E NGCT3 ▼	TR	R4 55	TXE/TXO 5T 6	MT	E	28
		(XB)		NGC NG&C	NGCT3	10
EO,1, 2,4,7	APTT ROTL ROTR MON ST MTC TTR		B2 20-24	CM	EO,1, 2,4,7	8
	LIT	(KM)	VO 40-44	ATV		161
EO,1,2, 4,7 ▼	TR	SO 20-24	V3 45-49	TV		26
			(KV)	DAS		
			V2 40-44	CDTA		61
E'0,1, 2,4,7	MON		A5 20-24	CM	E'0,1, 2,4,7	8
			RTE/RTO 20-24	AMAR		27
E'0,1, 2,4,7 ▼	TR	R8 20-24	WO 20-24	TV		26
ECN	APTT MTC TTR	(VQ)	C3 4	CM	ECN	8
RG23 ECN ▼	TR	S5 13	RGC2 (XY) 98 10	PRTC PRTC-ORP	RG23	35

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
EF	INTF		AO 56	CM	EF	8
EF	FS 28 2509		56	DTM		9
EF ▼	TR	S1 59		FS 28 25F4	EFA	
EG ▼	TR	R3 26	A4 59	CM	EG	8
EN ▼	TR	R2 21	(YT) A4 48	CM	EN	8
EN	ETSPD					
ENCO,1 ▼	TR	R1 36,37	(JC)	BDT	ENCO,1	
MT-ET ▼	TR	R4 59	TXE1/TXO1 5T 6	MT	ET	28
EXT	LV	(XE)	TO 49	CM	EXT	8
	MTC		T2 49	DTM		9
SNG EXT ▼	TR	R3 57	V1 49	TV		26
			V9 10	CDTA	SNG	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
F	APTT	(VQ)				
	MTC TTR ROTR		TO 0	CM	F	8
	LV	(XE)				
FO,1, 2,4,7	APTT ROTL ROTR MON MTC TTR ST		B2 25-29	CM	FO,1, 2,4,7	8
			(KV)	DAS		
			V0 50-54	ATV		161
FO,1, 2,4,7 ▼	TR	SO 25-29	V3 55-59	TV		26
		(KM)	(KV)	DAS		
FO,1, 2,4,7	LIT		V2 50-54	CDTA		61
			A5 25-29	CM	F'0,1, 2,4,7	8
			RTE/RTO 10-14	AMAR		27
F'0,1, 2,4,7	MON					
F'0,1, 2,4,7 ▼	TR	R8 25-29	WO 10-14	TV		26
FAA ▼	TR	R5 53	(YA) C2 10	FATC	FAA	8
FAB ▼	TR	R5 54	(YA) C2 11	FATC	FAB	8
			WO 17	TV	FABC	26
TB8 FABC ▼	TR	R3 52	(IE) V2 (IO) 0			
TB8	ROTL-TMB	(PI)	C2 5	CM	TB8	8
TB9 FACK ▼	TR	R3 53	(YJ) V2 1	TV	FACK	26
TB9	ROTL-TMB	(PI)	C2 14	CM	TB9	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FAK	MON		B0 25	CM	FAK	8
FAK ▼	TR	R8 50	B4 25	DTM		9
			(NO)	TCC		
FBK	MON MTC		B0 26	CM	FBK	8
	LV	(XE)				
FBK ▼	TR	R8 51	(NO)	TCC		
FCG			A0 34	CM	FCG	8
FCG ▼	TR	S5 57	A6 34	DTM		9
			(NO)	TCC		
FCK	APTT ROTL ROTR TTR MTC		C0 32	CM	FCK	8
			C4 32	DTM		9
FCK ▼	TR	S8 39	(NO)	TCC		
FGO	APTT ROTL ROTR MON DAS MTC TTR		B0 35	CM	FGO	8
			B4 35	DTM		9
	LV	(XE)		CDTA		
FG-MT-O ▼	TR	S4 18	V7 13	CDTA	MTO	61

ISSUE	
39D	DLB, 2WZ, AMP
42D	2TW, WID
430	2EM, PCJ, 3WZ
62D	JK
640	DLB
70D	
73D	
74A	
75D	

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B36

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-B36

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

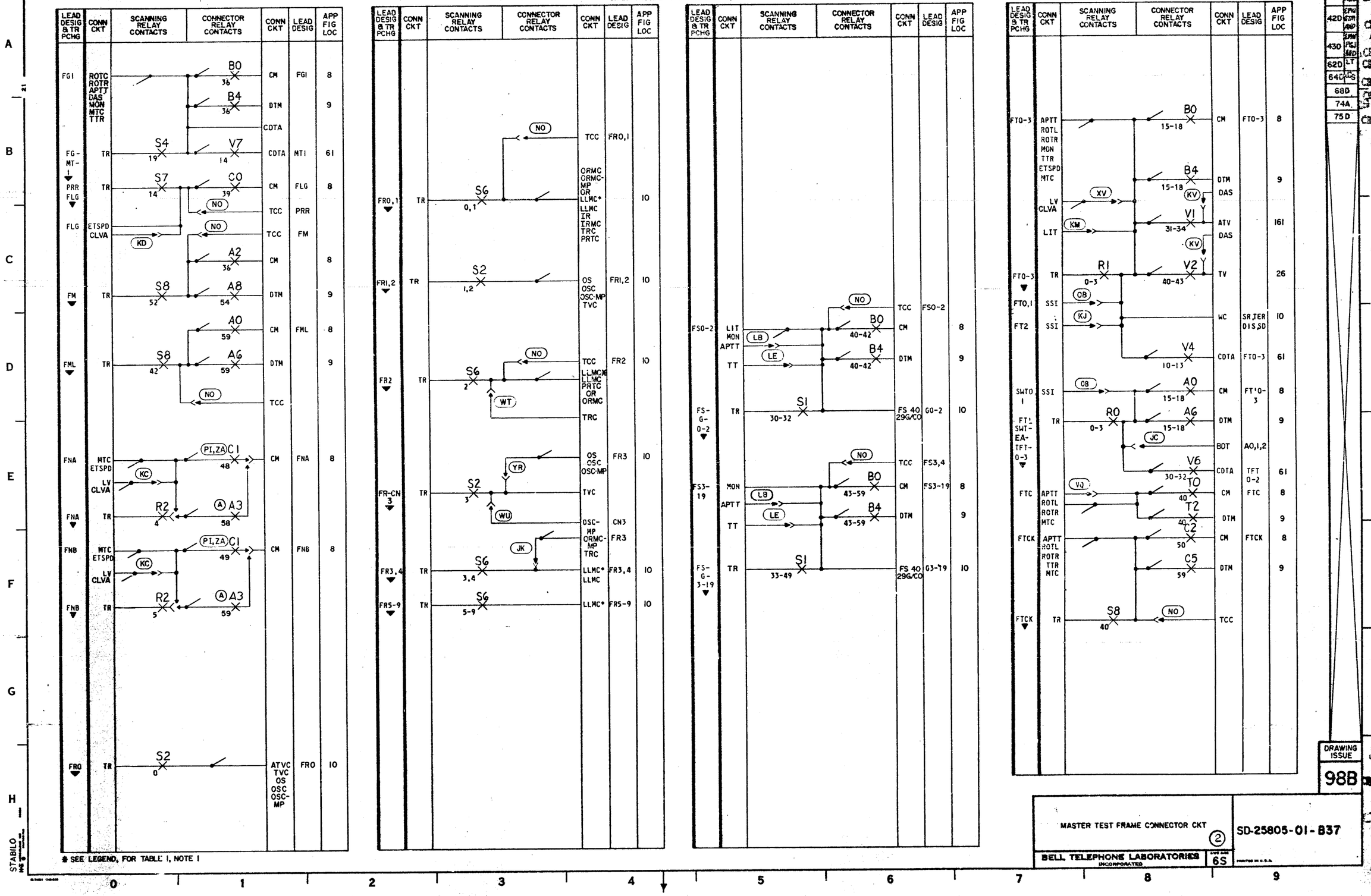
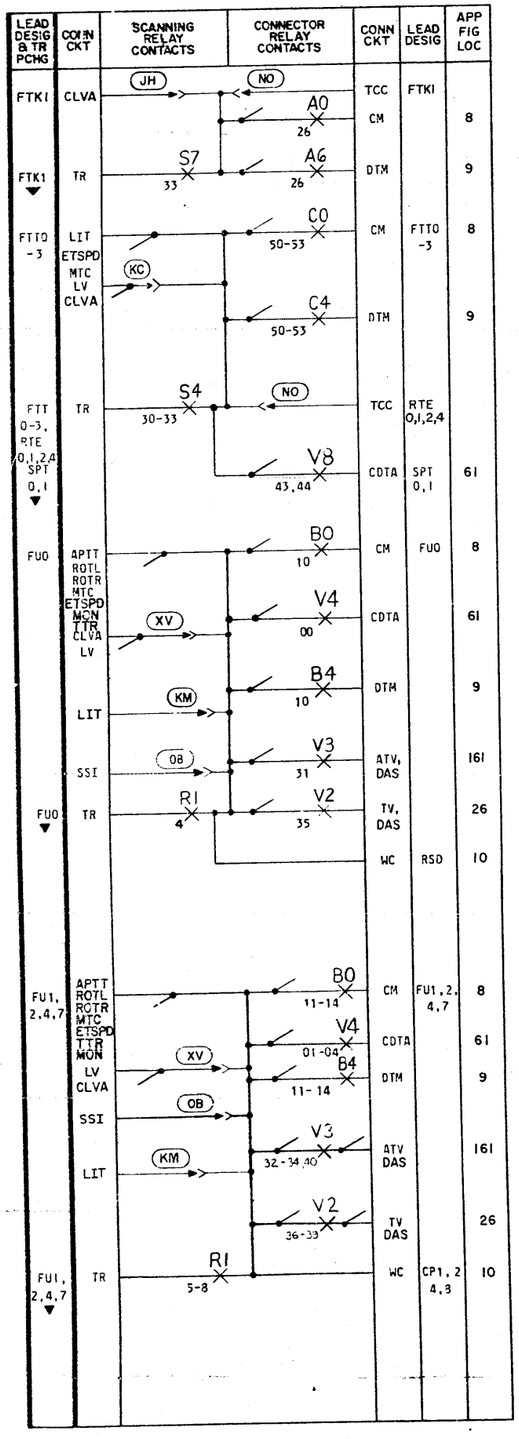


TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)



DRAWING ISSUE
39D
42D
43D
62D
64D
68D
70D
74A
75D

DRAWING ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-838

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-838

STABILO

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
H'0,1 2,4,7	MON	A5 35-39		CM	H'0,1, 2,4,7	8
H'0,1, 2,4,7 ▼	TR	R6 5-9				
HD	MTC		PC2 48 3	PRT	HD	37
HF	MTC		C2 19	CM	HF	8
HG0,1 2,4,7	APTT ROTL ROTR MON ETSPD MTC TTR		B0 0-4	CM	HG0,1, 2,4,7	8
	XV		B4 0-4	DTM		9
	LV CLVA		V0 00-04	TA		60
	LTT	KM	V4 50-54	ATVC, DAS	SW0,1 2,4,7 HG0,1, 2,4,7	161
HG,SW 0,1,2, 4,7 ▼	TR	R1 15-19	V2 55-59	TVC, DAS		26
			V6 00-04	CDTA	TNU0, 1,2,4,7	61
			JC	BDT	D0,1, 2,4,7	
			A0 0-4	CM	HG'0,1 2,4,7	8
HG'-ED-TNU-0,1,2,4,7 ▼ HGK	TR	R0 15-19	A6 0-4	DTM		9
			NO	TCC		
	MTC		C0 54	CM	HGK	8
HGK ▼	TR	S7 36	C4 54	DTM		9
			NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HGTO-9	LIT ETSPD MTC LV CLVA	KC	C0 20-29	CM	HGTO-9	8
			NO	TCC		
HGTO-9 ▼	TR	S3 45-54	C4 20-29	DTM		9
HMS1	APTT ROTR MON TTR MTC		B0 27	CM	HMS1	8
HMS1 ▼	TR	S7 39	B4 27	DTM		9
			NO	TCC		
HN0-9 TBT 0-9	FS 29 2589 ETSPD ROTR CLVA	KD	A4 10-19	CM	HN0-9	8
HN0-3	MTC ETSPD LV CLVA	XV		FS 28 25B4	HNA0-3	
	LIT	KM	V2 40-43	ATV	HN0-3	161
HN0-3 ▼	TR	R4 10-13	V0 20-23	TV		26
			V5 20-23	CDTA WC	LT1,2, 4,7	61 10
HN4-8	MTC ETSPD			FS 28 2584	HNA4-8	
	LIT	KM	V2 44,50-53	ATV	HN4-8	161
	LV CLVA	XV	V0 24-28	TV		26
HN4-8 ▼	TR	R4 14-18	V5 24,30-33	CDTA WC	LU0,1, 2,4,7	61 10

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HN9	MTC ETSPD	KM		FS 28 25B4	HNA9	
	LIT		V2 54	ATV	HN9	161
	LV CLVA	XV	V0 29	TV		26
			V5 34	CDTA WC	TT0	61 10
HN9 ▼	TR	R4 19				
NR01 HR ▼	TR	R2 56	TXE1/TX01 58 6	MT	HR	28
			V8 40	CDTA	NR01	61
HR1	TR	R4 50	RTE/RT0 45	AMAR	HR1	27
HT0,1 2,4,7	MON ROTR TTR MTC APTT	VQ	B3 35-39	CM	HT0,1, 2,4,7	8
HT0,1, 2,4,7 ▼	TR	S5 15-19				
		R0 40-44		C & C MT		10
HTK1	TR	S7 32	A0 25	CM	HTK1	8
HTK1 ▼			A6 25	DTM		9
			NO	TCC		
HTR				TCC	HTR	
			A0 36	CM		8
HTR ▼	TR	S7 42 ZS	A6 36	DTM		9
		ZT,PY				
HTR	LV	XE	C1 45	CM		8
	MTC	ZT	C5 ZT,PY 45	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HTUK ▼ HTUK	TR	R4 25	A4 52	CM	HTUK	8
	ETSPD	KD				
	CLVA			WC	TU2	10
HU0,1 2,4,7 ▼	TR	R0 45-49		C&C MT	HU0,1, 2,4,7	10
IC ▼	TR	R3 38	V1 47	TV	IC	26
ICK	MTC		W0 47	TV	ICK	26
INC	APTT ROTR MTC MON TTR	VQ				
	LV	XE	B1 58	CM	INC	8
INC ▼	TR	S4 12				
IPA ▼	TR	R4 48	RTE/RT0 6	AMAR	IPA	27
IR	MTC		W0 27	TV	IR	26
IRY ▼	TR	R3 43	V1 11	TV	IRY	26
ITR ▼	TR	S7 5	A4 1	CM	ITR	26
			NO	TCC		

DRAWING ISSUE

39D	O.S. #40 AND
42D	DTU 677A AND
59D	GM #40 AND
62D	JK
68D	
70D	
73D	
74A	
75D	

DRAWING ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT (2)

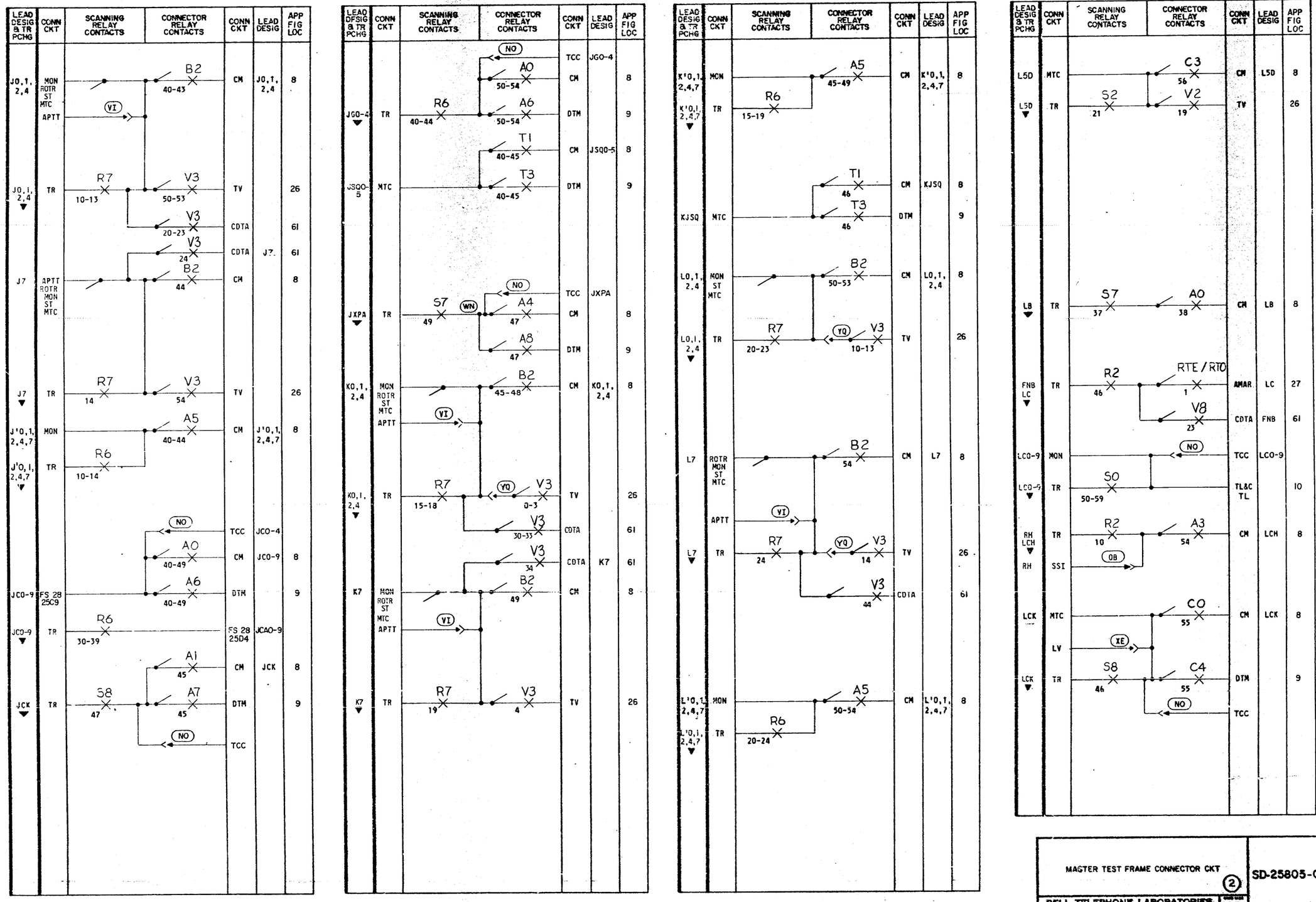
BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-B39

SD-25805-01-B39

TABLE I (CONT)

(FOR OFFICE USING SINGLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B40

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B40

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LDT	TR	S7 59	NO, ZY, C2 4	TCC	LDT	
				CM		8
			C5 58	DTM		9
LFK	TR	S7 35	A1 25	CM	LFK	8
	ETSPD		A7 25	DTM		9
	CLVA	KD	NO	TCC		
LHM	APTT ROTL ROTR TTR ETSPD MTC		T1 32	CM	LHM	8
	LV CLVA	KC	T3 32	DTM		9
LHMT	APTT ROTL ROTR TTR MTC		T1 33	CM	LHMT	8
	LV	XE	T3 33	DTM		9
LI	TR	R2 19	C1 59	CM	LI	8
LIN	TR	R2 12	A3 56	CM	LIN	8
	ETSPD					
LIT	TR	S7 3	NO	LIT	LIT	10
			A2 6	TCC	LK	
				CM		8
LK	TR	S8 49	A8 4	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LK1	MTC		C2 8	CM	LK1	8
LK1	TR	S7 48	C5 53	DTM		9
LK2	APTT ROTL ROTR TTR MTC		T0 14	CM	LK2	8
			T2 14	DTM		9
LK3	APTT ROTL ROTR TTR MTC		T0 19	CM	LK3	8
			T2 19	DTM		9
LLO,I	MTC	QA	A1 40,41	CM	LLO,I	8
			NO, A7 40,41	TCC		
LL-TH O,I	TR	S4 25,26		DTM		9
THTO,I	APTT MON TTR ROTR MTC	PK	UU B3 21,22	CM	THTO,I	8
LL2,4	MTC	PK,PL, PN	A1 42,43	CM	LL2,4	8
			NO	TCC		
LL-TH 2,4/3	TR	S4 27,28	A7 42,43	DTM		9
LL7	MTC	PN	A1 NO 44	CM	LL7	8
				TCC		
LL7	TR	S4 29	A7 44	DTM		9
LLI	MTC ETSPD		T0 46	CM	LLI	8
	LV CLVA	KC				
LLJ			T1 47	CM	LLJ	8
	MTC		T3 47	DTM		9
CDCO LRA	TR	R2 51	E0 50	CM	LRA	57
LLP2	MTC		(1ST FIG. 61) V9 00 A34 11			

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LR	MON MTC		B0 29	CM	LR	8
LR	TR	S5 59				
LST	MTC		C3 57	CM	LST	8
LST	TR	S2 20	V2 16	TV		26
LT	APTT ROTL ROTR MON TTR MTC		B3 27	CM	LT	8
			PCO 12T 11	PRT		37
SDG LT	TR	S4 0	NO, V9 40	TCC, CDTA	SDG, LT	61
LT2	MON ROTL ROTR MTC TTR APTT	LZ	UP B3 23	CM	LT2	8
LT2	TR	R4 42	V9 43	CDTA		61
LXPA LTR	TR	S7 41	A0 37	CM	LXPA	8
			A6 37	DTM	WN, LXPA, WM, LTR	9
			NO	TCC	LXPA	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LV2-9	TR	R8 52-59	NO	TCC TL & C TL	LV2-9	10
LV2-9	MON					
LVF	TR	S8 7		MTC LV	LVF	10
			T1 12	CM	LVM	8
		QQ, XE		LV		10
LVM	TR	S8 8		MTC		
LXPI			A2 0	CM	LXPI	8
	TR	S8 36	A3 0	DTM		9
			NO	TCC		
M	IRT	YK	C2 46	CM	M	8
	MTC		C5 54	DTM		9
M	TR	S3 22				
M7	MON ST MTC		B2 55	CM	M7	8
ANC M7	TR	R5 28	YQ, V3 9	TV		26
			NO	TCC	ANC	

DRAWING ISSUE	
39D	JB REL AND
42D	CMU CTM AND
43D	CMU PGJ AND
58A	GM LSC AND
59D	GM LSC AND
62D	JK
63A	LT
64D	GS
68D	
73D	
74A	
75D	

DRAWING ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B41

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-B41

TABLE I (CONT)

(FOR OFFICE USING SINGLE SIDED TROUBLE RECORDER CARD

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
M'7	MON	A5 55		CM	M'7	8
SQI M'/N' 7 ▼	TR	R5 29	NO	TCC	SQI	
M11 ▼	TR	R5 21		MON	M11	10
MAKI	ROTR MTC		NO	TCC	MAKI	
			C1 43	CM		8
MAKI ▼	TR	S8 43	C5 43	DTM		9
NSP	MTC ETSPD LV CLVA		V4 41	TV	NSP	158
	LIT	SA, KV	A0 27	CM	PS NSP PR MAN	8
NSP MAN ▼	TR	S3 6	A6 27	DTM	MAN	9
MB0, 1,2 ▼	MTC		C3 25-27	CM	MB0, 1, 2	8
MB-CU 0,1,2 ▼	TR	R5 5-7	V2 25-27	TV		26
			V7 40-42	CDTA	CU0-2	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MB4,7	MTC ETSPD LIT LV CLVA	KV, XV	C3 28,29 V7 43,44	CM CDTA	MB4,7 CU4,7	8 61
MB-CU 4,7 ▼	TR	R5 8,9	V2 28,29	TV	MB4,7	26
MC	LIT MTC ETSPD LV CLVA	KM, XV	V1 4 V3 43	TV, PCTV ATV, PCTV	MC	26 161
MF	MTC		C1 36	CM	MF	8
	MON	RX				
MF ▼	TR	S7 2	C5 36	DTM		9
MG ▼	TR	R1 32	TXE1/TX01 38 4	MT	MG	28
MIR ▼	TR	S8 10		MON	MIR	10

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MKR ▼	TR	S8 15		FS 2 2F9	MKR	
MO ▼	TR	66 AB0 2	EO 20 XO	CM	MO	57
MO	MTC MON					
MI,2, 4 ▼	TR	66 AB8-6 10	EO 21-23 XO	CM	MI,2, 4	57
MI,2, 4	MTC MON					
N7 ▼	TR	66 AB5 10	EO 04 XO	CM	N7	57
N7	MTC MON					
M'0,1, 2,4, N'7 ▼	TR	66 AB4-0 10	EO 10-13, 03 XO	CM	M'0,1, 2,4, N'7	57
M'0,1, 2,4 N'7	MON					
			NO	TCC	MLF	
MLF	MTC		C1 37	CM		8
MLF ▼	TR	S7 0	C5 37	DTM		9
MLFA	MTC	UK	T2 54	DTM	MLFA	9
			T8 1 2T	DTM		176
ACDO MLV ▼	TR	S8 5		MTC ETSPD	MLV	10
		KC		LV CLVA		
		NO		TCC	ACDO	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OC MO ▼	TR	R1 31	TXE1/TX01 98 10	MT	MO	28
			V8 04	CDTA	OC	61
MO1	APTT ROTL ROTR TTR MTC		T0 52	CM	MO1	8
	LV	XE	T2 52	DTM		9
MOA	MTC ETSPD		V1 7	TV	MOA	26
	LV CLVA	XV	V4 04	ATV		161
MON	MON		B3 0	CM	MON	8
MOR ▼	TR	S8 9		MON	MOR	10
SSTI MOS ▼	TR	S8 11	08	MON	MOS	10
SSTI	SSI					
MPP	MTC	RG	B1 43	CM	MPP	8

DRAWING ISSUE

39D	CBM MGD AHD
42D	EMU GTM PHD
43D	EM PBJ BHD
48D	JAB LM ABD
56D	FPS GEN GMD
62D	LT
64D	LGS
68D	
74A	
75D	

DRAWING ISSUE 102A

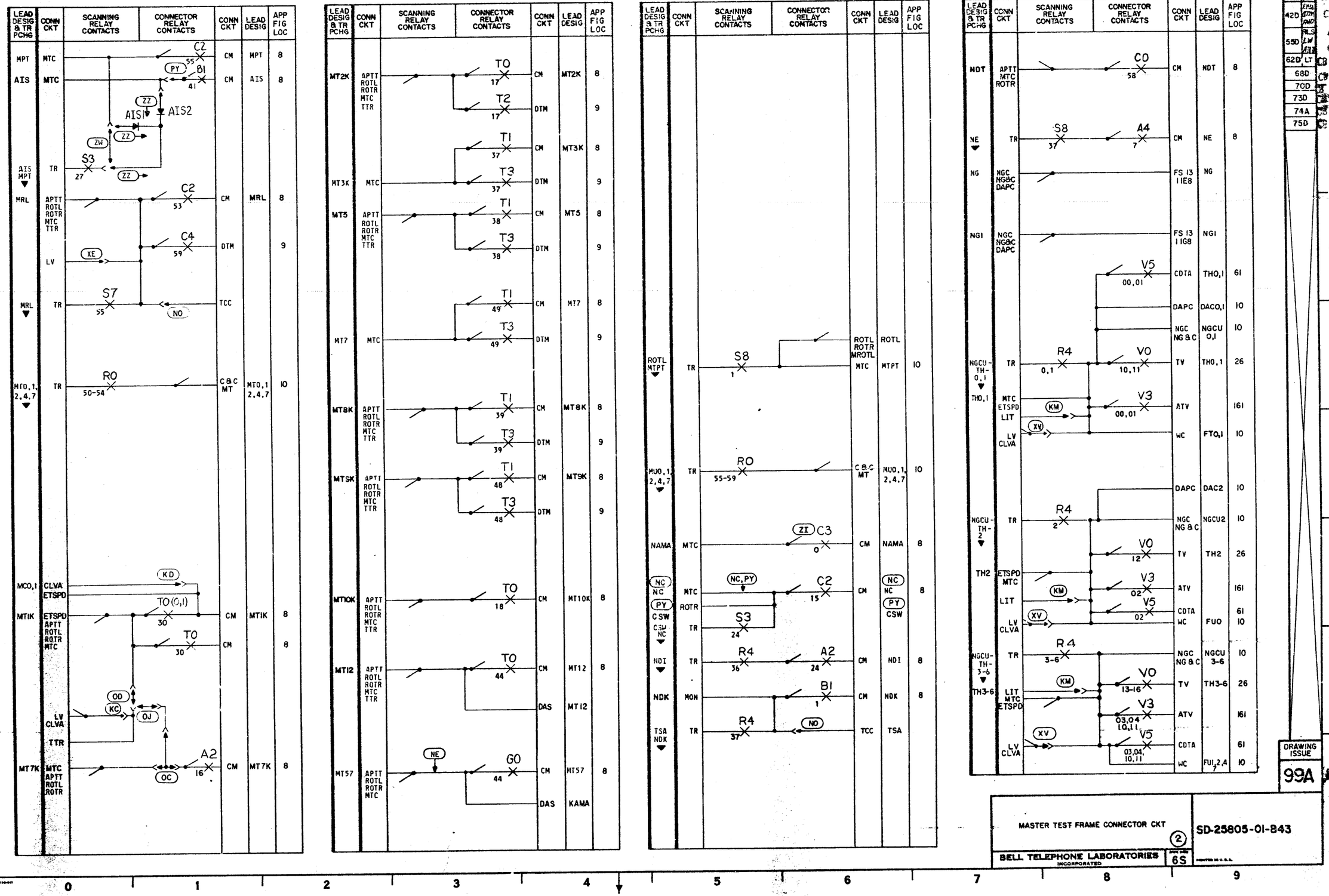
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B42

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B42

STABILO

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-843

6S

SD-25805-01-843

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NGCU-TH-7-9 ▼	TR	R4 7-9	V0 17-19	NGC NG & C	NGCU 7-9	10
				TV	TH7-9	26
TH7-9	MTC ETSPD	KM	V3 12-14	ATV		161
	LIT					
	LV CLVA	XV	V5 12-14	WC	GRPO,I LTO	10
				CDTA	TH7-9	61
NGK ▼	TR	R4 23	B2 59	CM	NGK	8
	LV CLVA ETSPD	KC		WC	TUO	10
	MTC	PY				
NGK1 ▼	TR	R4 28	A4 40	CM	NGK1	8
NH	LV CLVA	KC				
NH	MTC		C2 17	CM	NH	8
AID NH ▼	TR	S3 28				
NN	ETSPD	KX KW				
	MTC		C2 16	CM	NN	8
NN	TR	S3 29				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NOB	APTT ROTL ROTR MTC ETSPD LV CLVA	XV KV	C3 36	CM	NOB	8
	LIT					
NOB ▼	TR	S3 9	V2 11	TV		26
			V4 12	ATV		161
			V3 53	CDTA		61
NOB' ▼	TR	S2 27	C3 49	CM	NOB'	8
NOBT	MTC TTR	YY	TO 57	CM	NOBT	8
NOC ▼	TR	R5 55 VM	A2 17	CM	NOC	8
NR ▼	TR	S7 34	A4 6	CM	NR	8
			V9 24	CDTA	SLU	61
SLU NS ▼	TR	R2 59	TXE / TXO 9T 10	MT	NS	28
NSI ▼	TR	S7 13	A2 23	CM	NSI	8
NSO ▼	TR	S7 12	A2 2	CM	NSO	8
NT ▼	MTC		C2 18	CM	NT	8
	TR	S3 25				
NTCW	MTC	OG	GO 13	CM	NTCW	197

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			TO 20	CM	NTH	8
NTH	MTC		T2 20	DTM		9
NTT	MTC		C2 54	CM	NTT	8
NTT ▼	TR	S3 26				
NTVB	MTC	OG	GO 14	CM	NTVB	197
OA	ROTR MON MTC					
	LV	XE	B3 18	CM	OA	8
OA ▼	TR	S4 5				
OVG OA ▼	TR	R4 20	XC	NGC NG & C	OA	10
				WC	TT1	10
				DAPC	DACA	10
OB	MON ROTR MTC		V0 33	TA	OVG	60
	LV	XE	B3 19	CM	OB	8
OB ▼	TR	S4 6				
EVG OB ▼	TR	R4 21	XC	NGC NG & C	OB	10
				WC	TT4	10
				DAPC	DACB	10
			V0 34	TA	EVG	60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OBS	MTC		C3 35	CM	OBS	8
OBS ▼	TR	S3 8	V2 12	TV		26
			V4 11	ATV		161
			V3 54	CDTA		61
OBS' ▼	TR	S2 26	C3 48	CM	OBS'	8
OBS1	MTC		C2 0	CM	WZ OBS1 WL TOBS	8
TOBS OBS1 ▼	TR	S4 16	C5 50	DTM	OBS1	9
			NO	TCC		
				TCC		
			C2 1	CM	WZ OBS2 WL TOB	8
TOB OBS2 ▼	TR	S4 17	C5 51	DTM	OBS2	9
OBST	MTC	YY	TO 56	CM	OBST	8

DRAWING ISSUE
39D
43D
44A
55D
62D
72A
74A
75D

DRAWING ISSUE
98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B44

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-B44

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OF	OC1	LV CLVA, LIT, MTC ETSPD	TO 22	CM	OC1	8
			T2 22	DTM		9
OCN	MTC		C3 5	CM	OCN	8
OCN ▼	TR	S5 14				
TRIT OF ▼	TR	R3 55	V1 20	TV	OF	26
			V4 33	ATV	TRIT	161
OFT	MTC	UF	V1 55	TV	OFT	26
OFFO-3	ETSPD MTC		VO 0-3	TV	OFFO-3	26
TSO-3	LIT, LV CLVA, APTT	KM, XV, LB	A1 0-3	CM	TSO-3	8
	LIT	LE	A7 0-3	DTM		9
TS-OFF-0-3 ▼	TT, TR	SO 30-33	V1 20-25	ATV	OFFO-3	161
		NO		TCC	TSO-3	
			V4 30-33	CDTA	OFF 0-3	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OFF4-5 TS4,5	LIT	KM	NO	TCC	TS4-5	
	MTC		VO 4,5	TV	OFF4-5	26
	APTT	LB				
OFF 4,5	LV CLVA, TT, ETSPD	XV, LE	A1 4,5	CM	TS4-5	8
TS-OFF-4,5 ▼	TR	SO 34,35	A7 4,5	DTM		9
			V1 24,30	ATV	OFF4-5	161
			V4 34,40	CDTA		61
OFH ▼	TR	R2 8	C1 53	CM	OFH	8
OFT O-2 ▼	TR	R4 44-46	V3 5-7	TV	OFTO-2	26
OFT O-2	ETSPD LV CLVA	UR				
	LIT	KM	V3 20,22	ATV		161
	MTC		V4 50-52	CDTA		61
OPI	MTC					
OPI ▼	TR	R2 32	V1 3	TV	OPI	26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OPR ▼ OR	TR	R5 42	A5 57	CM	OPR	8
	MON	RX				
	APTT, RGTL, ROTR, MTC, TTR		C3 3	CM	OR	8
OR ▼	TR	S4 9				
OSO-2 ▼	AIS SC, MTC	PY	B1 15-17	CM	OSO-2	
	SSI	OB	VO 40-42	TA	FUO-2	60
	TR	S1 8-10	NO	TCC	RAO-2	
OS-RA-FU-O-2 ▼ OS3,4	MTC		B1 18,19	CM	OS3,4	
	SSI	OB	VO 43,44	TA	FU3,4	60
OS-RA-FU-3-4 ▼	TR	S1 11,12	NO, OA	TCC	RA3,4	
OSC ▼	APTT, RGTL, ROTR, MTC		TO 48	CM	OSC	8
OSE ▼	TR	S1 13	C3 38	CM	OSE	8
OSG O-4 ▼	SSI	OB	B1 25-29	CM	OSGO-4	8
OSG-FT-O-4 ▼	MTC ETSPD					
	TR	S1 0-4	VO 20-24	TA	FTO-4	60
OSG-FI-5 ▼	SSI	OB	YR B3 10	CM	OSG5	8
	MTC ETSPD					
OSG-FT-5 ▼	TR	S1 5	VO 30	TA	FT5	60
OSG6-9 ▼	MTC ETSPD		YR B3 11-14	CM	OSG6-9	8
OSG 6-9 ▼	TR	S1 24-27				
OSG 6-9	SSI	OB				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OSK	MTC		C3 39	CM	OSK	8
OSK ▼	TR	S1 14				
OST2 ▼	TR	S1 16	A2 12	CM	OST2	8
OTO ▼	TR	R4 49	RTE/RTO 4	AMAR	OTO	27
OTT	APTT, MTC		CO 59	CM	OTT	8
	ROTR	KU				
OTT ▼	TR	R4 38	NO	TCC		
OV ▼ OV	TR	R2 6	C1 51	CM	OV	8
	INTF, ROTR					
	APTT	JE	V8 10	CDTA	CKG	61
P	MTC		RTE/RTO 55	AMAR	P	27
CKG P ▼	TR	R2 38	WO 55	TV		26
			V3 50	ATV		161
			NO	TCC	PO-9	
			A1	CM		8
PO-9 ▼	TR	R6 50-59	A7 50-59	DTM		9
PI	MTC		RTE/RTO 36	AMAR	PI	27
FNA PI ▼	TR	R2 45	WO 36	TV		26
			V8 22	CDTA	FNA	61

DRAWING ISSUE	
39D	MRS REL AND ERL
42D	67M AND E&M PBX WD PBS
43D	Gen 1990
56D	JK
62D	
68D	
70D	
73D	
74A	
75D	

DRAWING ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B45

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B45

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TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
P5 ▼	TR	R3 45	VI 12	TV	P5	26
		(NO)		TCC	PA	
		AI 46		CM		8
PA ▼	TR	R6 47	A7 46	DTM		9
PA	MTC		W0 57	TV		26
ITR PAK ▼	TR	R2 43	RTE/RTO 3	AMAR	PAK	27
		V8 20		CDTA	ITR	61
		AI 47		CM	PB	8
PB ▼	TR	R6 48	A7 47	DTM		9
PBN ▼	TR	R2 3	A4 55	CM	PBN	8
PBX	MTC	(PN)	TI 03	CM	PBX	8
PBXI	MTC	(E)	C3 9	CM	PBXI	8
SNR PBXI ▼	TR	R4 29	(NO)	TCC	SNR	
		AI 48		CM	PC	8
PC ▼	TR	R6 49	A7 48	DTM		9
PCD	MON TTR MTC ROTR	(S)BI 48		CM	PCD	8
RG21 PCD ▼	TR	S5 11	(XY) RGC2 58 6	PRTC PRTC-ORP	RG21	35
PCD1	MON TTR MTC ROTR	(S)BI 49		CM	PCD1	8
RG22 PCD1 ▼	TR	S5 12	(XY) RGC2 78 8	PRTC PRTC-ORP	RG22	35

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PCK	MTC		PC2 28 1	PRT	PCK	37
PCK ▼	TR	S3 16				
PCR	MON ROTR TTR MTC APTT	(VQ)	(S)BI 47	CM	PCR	8
RG20 PCR ▼	TR	S5 10	(XY) RGC2 38 4	PRTC PRTC-ORP	RG20	35
PD	MON MTC		B2 57	CM	PD	8
PD ▼	TR	S3 1				
PHC	MON MTC		BI 45	CM	PHC	8
PHC ▼	TR	S4 7				
PK	APTT ROTL ROTR MON TTR MTC		B2 58	CM	PK	8
			(NO)	TCC		
PK ▼	TR	S3 2				
PLL	MTC		(RG) BI 42	CM	PLL	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PN ▼	TR	R2 0	A4 49	CM	PN	8
PN	ETSPD		(NO)	TCC	PNR	
			AI 49	CM		8
PNR ▼	TR	R6 46	A7 49	DTM		9
CDCI POTS ▼	TR	R2 52	EO 00	CM	POTS	57
		(2ND FIG.61)	V9 00			
			AO 58	CM	PR	8
PR ▼	TR	SI 57	AG 58	DTM		9
			(NO)	TCC	RR	
RR PRCY ▼	TR	R3 29	(YO) C3 53	CM	PRCY	8
RR PRCY	INTF					
PRL	MTC		PC2 4T 3	PRT	PRL	37
PRL ▼	TR	S3 17				
PRT ▼	TR	S8 14		FS39 29F/E2	PRT	
PS	MON MTC		B2 56 (NO)	CM TCC	PS	8
PS ▼	TR	S3 0				
			(NO)	TCC	IFK	
IFK PSR ▼	TR	RI 29	A4 0 (WR)	CM	PSR	8
PT	MTC		RTE/RTO 16	AMAR	PT	27
SOG PT ▼	TR	R2 42	W0 16	TV		26
			V3 44	ATV		161
			V8 14	CDTA	SOG	51

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PT1	MTC		RTE/RTO 58	AMAR	PT1	27
RK3 PT1 ▼	TR	R2 40	W0 58	TV		26
			V8 12	CDTA	RK3	61
PTK	LV CLVA		CI 56			
PTX ▼	TR	R4 27 (XQ) (XM)	A2 25 (XQ) (XM)	CM	PTK	8
PTX	ETSPD			WC	TU7	10
PTN ▼	TR	R2 2	R4 51	CM	PTN	8
PTN	ETSPD					
PTR	MTC		PC2(0-4) 8B 7	PRT	PTR	37
PTR ▼	TR	S3 19	PC2(5-7) 8B 7	PRT	TR	37
PTS ▼	TR	R2 50	RTE/RTO 9	AMAR	PTS	27
LH PUL ▼	TR	R2 9	A4 44	CM	PUL	8
LH	SSI	(OB)				

DRAWING ISSUE	
39D	ECM, ELM, AMA
42D	ECM, ESM, AMA, LAE, LAM, AMA
48D	LAM, AMA
62D	JK
63A	LT
68D	
73D	
74A	
75D	

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED — 6S

SD-25805-01-846

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STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RA	APTT TTR ROTL ROTR MTC INTF	C1 44		CM	RA	8
		C5 44		DTM		9
RA ▼	TR	S8 54	NO	TCC		
DUAL RB ▼	TR	R3 58	V1 50	TV	RB	26
			V9 11	CDTA	DUAL	61
RBT	APTT ROTL ROTR MTC TTR		T0 54	CM	RBT	8
RBT1	APPT ROTL ROTR MTC TTR		C2 49	CM	RBT1	8
RC	LV	XE	T0 12	CM	RC	8
	MTC ROTR		T2 12	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCK2 ▼	TR	R2 23	C1 58	CM	RCK2	8
RCK3 ▼	TR	R2 24	A2 18	CM	RCK3	8
RCT	APTT ROTL ROTR MTC		T0 43	CM	RCT	8
	LV		XE			
RCT1	APTT ETSPD MTC		C2 31	CM	RCT1	8
	LV		XE			
	TR		S4 45			
RCT2-15	MTC		C2 32-45	CM	RCT2-15	8
RCT10	LV ROTR ROTL		XE			
RCT 2-15 ▼	TR		S4 46-59			
RCY			NO	TCC	RCY	
	INTF		A2 38	CM		8
RCY ▼	TR	S8 53	A8 56	DTM		9
			R1,KF			
			KH			
RCY	MTC		9 T2 48			
			R1,KF			
			KG			
			197 G0 02			

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RD	MTC		RTE/ RTO 28	AMAR	RD	27
EVN RD ▼	TR	R2 48	W0 28	TV		26
			V8 31	CDTA	EVN	61
RDL	MTC		W0 49	TV	RDL	26
REC ▼	TR	S8 17		FS 39 29F/H5	REC	
RF	INTF		A0 55	CM	RF	8
			A6 55	DTM		9
RF ▼	TR	S1 58		FS 28 25F4	RFA	
RI	MTC ETSPD		B1 8	CM	RI	8
	LV CLVA		KC			
RI ▼	TR		R2 15			

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			NO	TCC	RK	
			A2 5	CM		8
RK ▼	TR	S8 50	A8 53	DTM		9
RK	MTC					
TK RK ▼	TR	R3 37	V1 8	TV	RK	26
			V8 01	CDTA	TK	61
			A1 21	CM	WN ORK WM RK1	8
ORK RK1 ▼	TR	S8 56	A7 21	DTM	RK1	9
			NO	TCC		
RK2,3 ▼	TR	S8 57,58	A1 22,23	CM	RK 2,3	8
			A7 22,23	DTM		9
			NO	TCC		
RL	MTC					
RL ▼	TR	R3 47	V1 59	TV, PCTV	RL	26
			V4 20	ATV, PCTV		161
RL ▼	TR	S7 38	A2 8	CM	RL	8
			NO	TCC		

DRAWING ISSUE
39D
42D
48D
62D
68D
70D
74A
75D

DRAWING ISSUE 98B

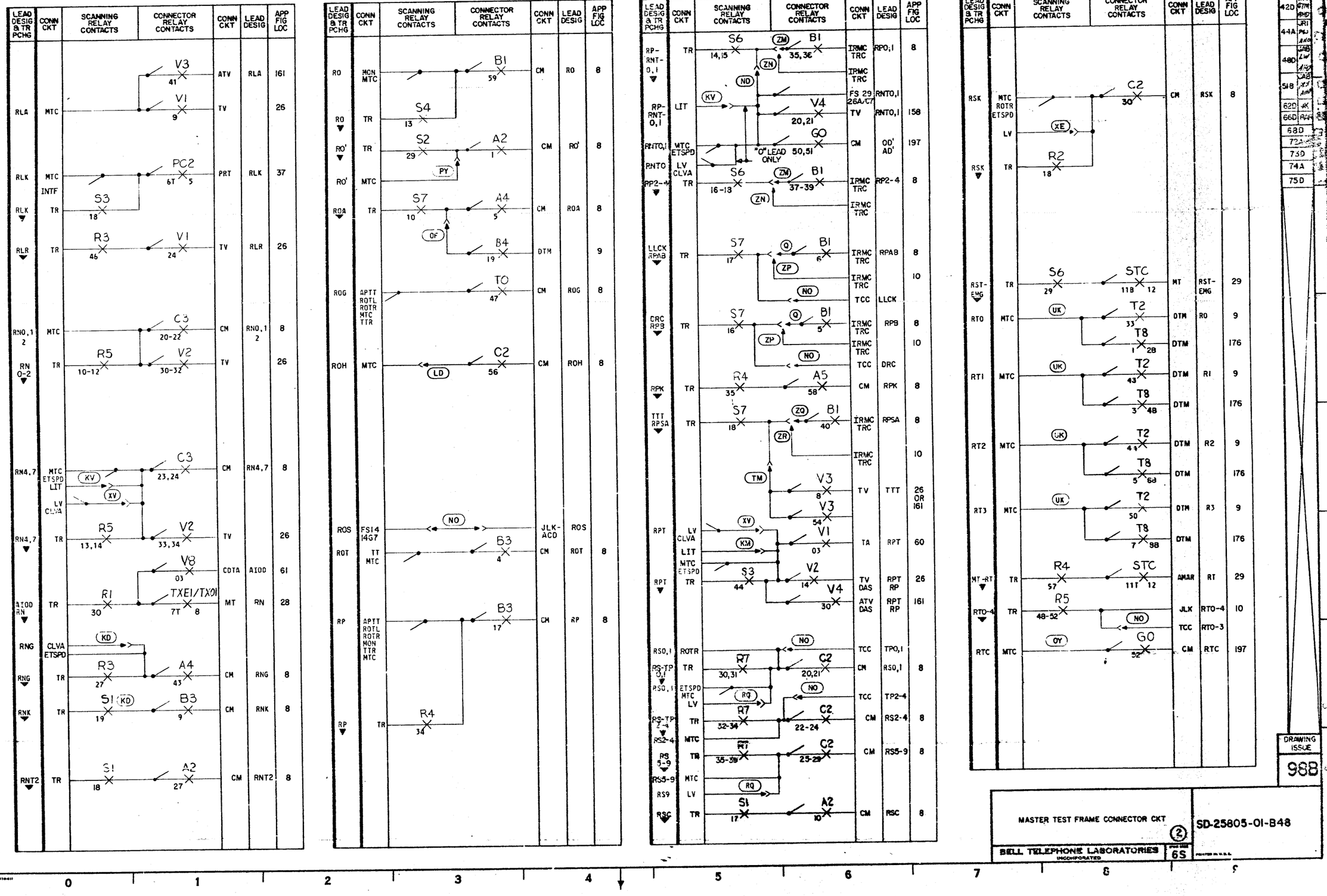
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-847

BELL TELEPHONE LABORATORIES INCORPORATED — SHEET 6S

SD-25805-01-847

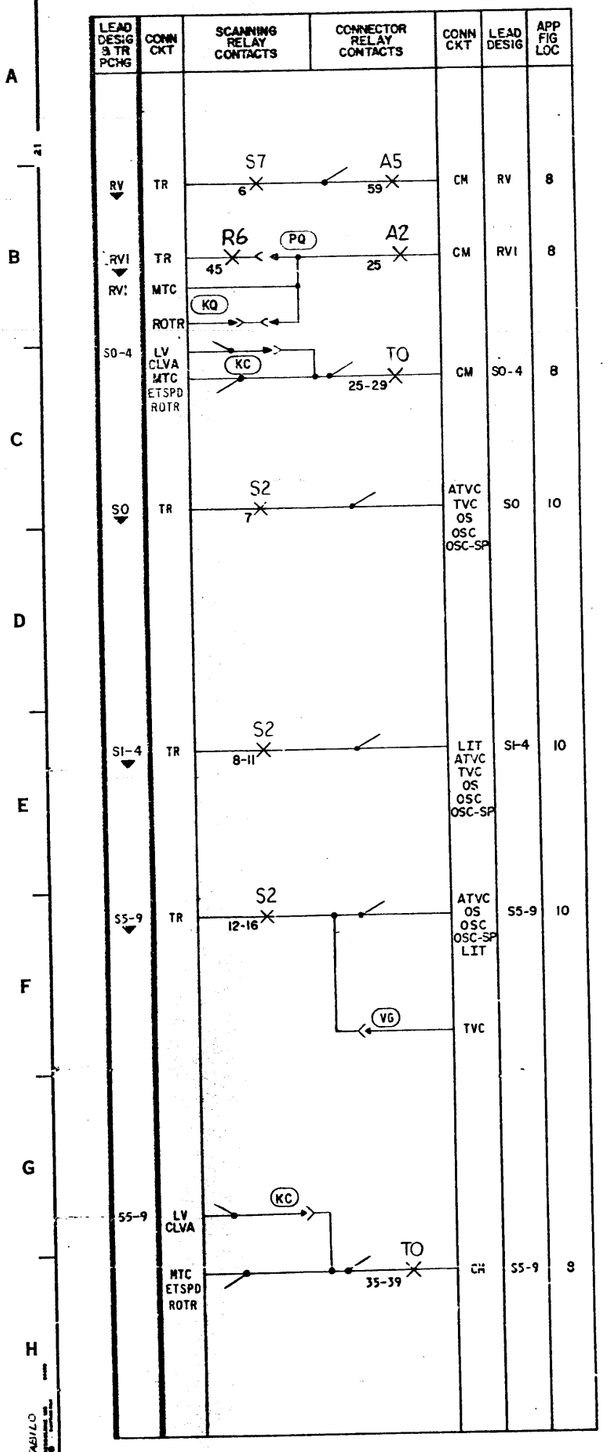
TABLE I

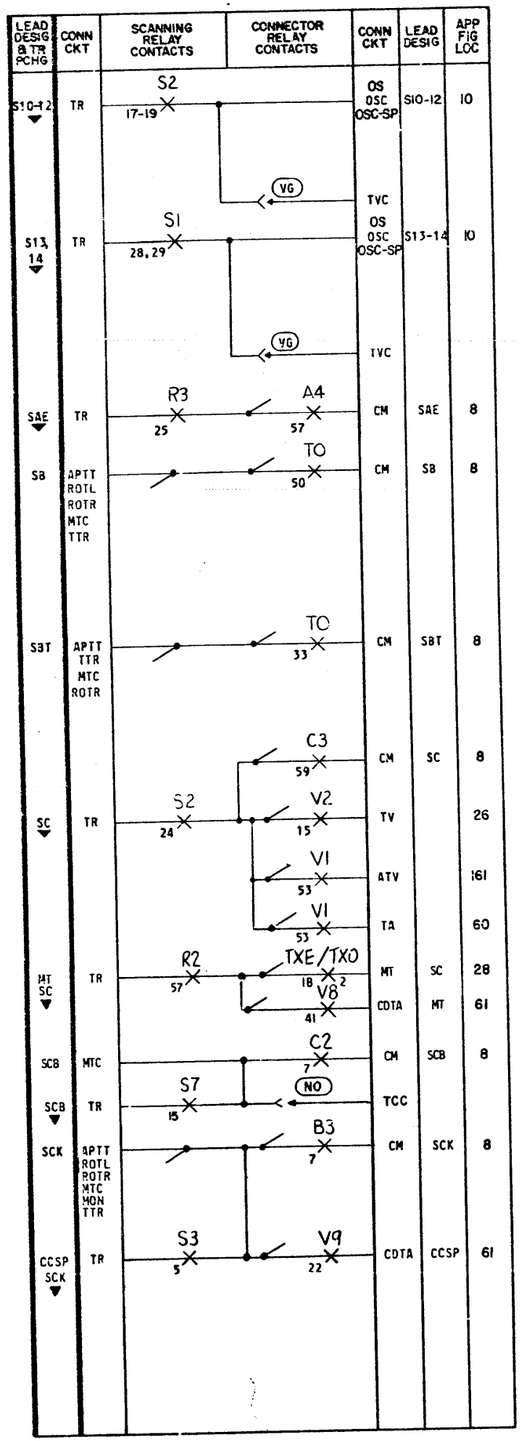
TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

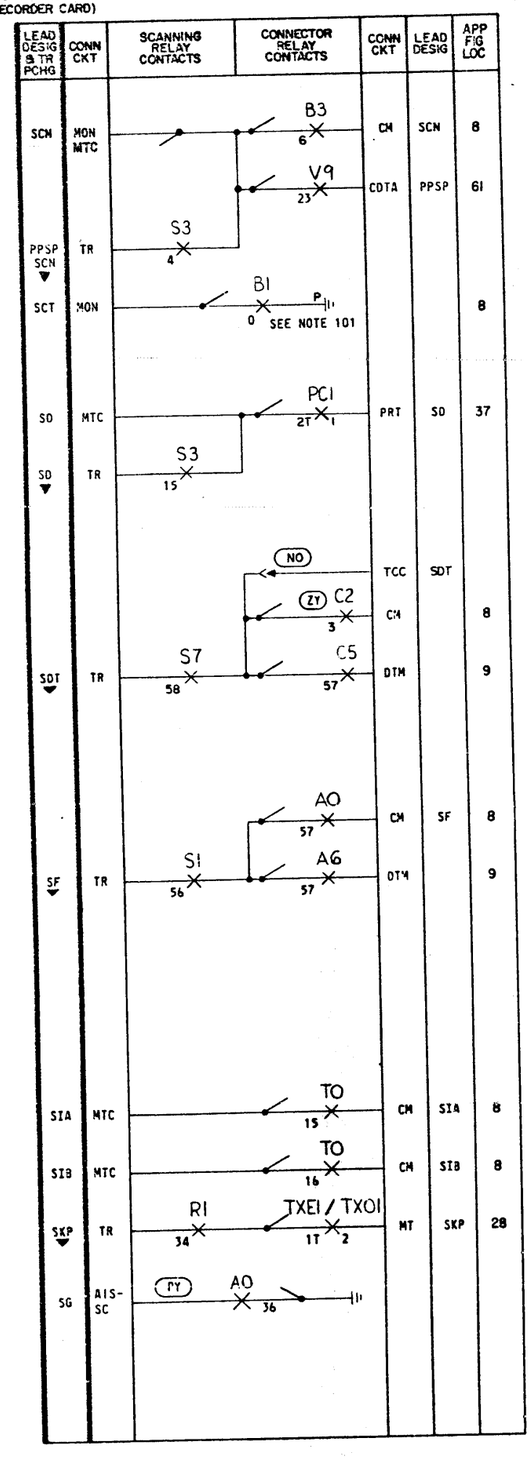


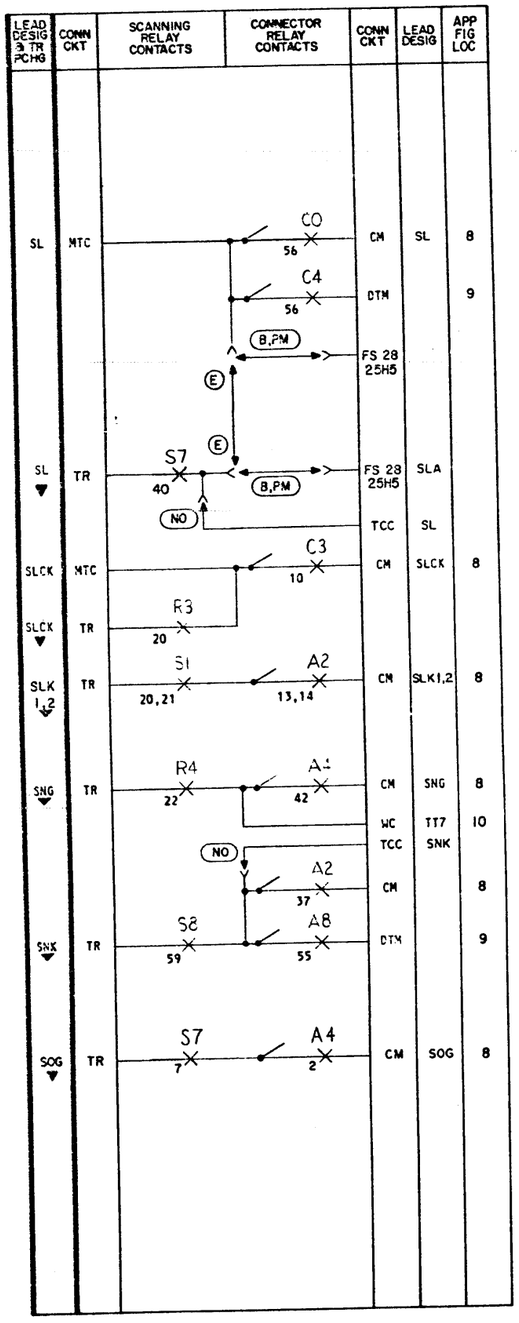
SD-25805-01-B48

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)









DRAWING ISSUE
39D DB
42D KPU STM AHD
43D PM J JYD
62D JK LT
63A
68D
74A
75D

DRAWING ISSUE
98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B49

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-B49

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SON	TR	S7 11	C3 40	CM	SON	8
MT-SP	TR	R4 56	TXE/TXO 38 4	MT	SP	28
SPA	TR	R1 33	TXEI/TXOI 18 2	MT	SPA	28
SPL	MON ETSPD MTC		B0 37	CM	SPL	8
	LV CLVA	KC				
	LIT	JA				
NIO SPL	TR	S3 23	W0 59 TN	TV		26
		NO		TCC	SQA	
			A1 24	CM		8
SQA	TR	S5 58	A7 24	DTM		9
SRK	TR	R2 22	C1 57	CM	SRK	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SRT	IRT	YK	A1 20	CM	SRT	8
	MON ST MTC		IY	FS 3 3H4		
DRT SRT	TR	S8 3	NO	TCC	DRT	
SRT1	APTT	VQ				
	ROTR	KU				
	MTC		TO 55	OSC OSC-MP	SRT	8
SSA	MTC SSI	OB	C3 46	CM	SSA	8
OF SSA	TR	S1 6	V0 31	TA	OF	60
SSB	MTC SSI	OB	C3 47	CM	SSB	8
EF SSB	TR	S1 7	V0 32	TA	EF	60
STP1-2	MTC INTF		C0 34,35	CM	STP1-2	8
STP 1,2	TR	R5 30,31	C4 34,35 NO	DTM TCC		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			V8 42	CDTA	MTK	61
MTK SY	TR	R2 58	TXE/TXO 7T 8	MT	SY	28
TT-T 0,1,2,4,7	TR	S5 20-24	RTEI/RTOI 18 2 TG 98 10	AMAR	TO,1, 2,4,7	28
TTO,1, 2,4,7	APTT	VQ				
	MON TTR MTC ROTR		B3 45-49	CM	TTO,1 2,4,7	8
TO-9	FS 28 2589		A4 20-29	CM	TO-9	8
TBU 0-9	ROTR ETSPD	KD				
	CLVA					
TO-9	MTC ETSPD LIT	KM XV		FS 28 2584	TAO-9	
	LV CLVA		V5 30-44, 50-54	CDTA	TO-9	61
TO-9	TR	R3 0-9	V0 30-39	TV		26
			V2 20-24 30-34	ATV		61
TAN	MON TTR MTC	ZJ	B1 57	CM	TAN	8
TAN	TR	S4 10				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TAN	MON TTR MTC ROTR		ZL B1 50	CM	TANO	8
TAN1-4	APTT	IF				
	ROTR MON TTR MTC		ZL B1 51-54	CM	TAN1-4	8
TB	APTT ROTL ROTR MTC TTR		T0 51	CM	TB	8
			T2 51	DTM		9
		NO		FS40 29G/C0 TCC	GA	
TBO	ROTL-TMB		A2 30	CM	TBO	8
TB-G O/A	TR	S1 50	A8 10	DTM		9
TB-G I/B	TR	S1 51	A2 31	CM	TBI	8
TBI	ROTL-TMB					
		NO		FS40 29G/C0 TCC	GB	
		NO		TCC	TBI	
TB2-5	ROTL-TMB					
TB 2-5	TR	S1 52-55	A2 32-35	CM	TB2-5	8
TBH	TR	R2 17	C1 54	CM	TBH	8

DRAWING ISSUE	
390	D.S. WKP WD
420	SAL 6TM WD
430	E EM P&J RKD
620	LT
640	LSS
680	
700	
74A	
750	

DRAWING ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-850

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-850

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TBI	MTC ETSPD	B1 9		CM	TBI	8
	LV CLVA	KC				
TBI ▼	TR	R2 16	NO	TCC	TBK	
			A1 28	CM		8
TBK ▼	TR	S8 44	A7 28	DTM		9
			V9 12	CDTA	TBL	61
TBL	MTC		RTE/RTO 29	AMAR		27
			NO	TCC	MXT	
MXT TBL ▼	TR	R2 49	W0 29	TV	TBL	26
TBT	APTT TTR ROTR MTC		T0 31	CM	TBT	8
			T2 31	DTM		9
TBY ▼	TR	R3 56	V9 54 / V1 19	CDTA / TV	TBY	61 / 26
TC ▼	TR	R4 30	B3 15	CM	TC	8
TCI	MTC		C1	CM	TCI	8
TCI ▼	TR	S8 34	C5 41	DTM		9
			NO	TCC		
TCA	APTT	TF				
	ROTR MON MTC TTR LV	WG	B3 30	CM	TCA	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TCB	APTT	VQ				
	MTC MON TTR ROTR	WG	B3 31	CM	TCB	8
TCH ▼	TR	R2 11	A3 55	CM	TCH	8
			T1 50-59	CM	TCHO-S	8
TCHO-9	MTC		T3 50-59	DTM		9
TCHK	MTC		C0 36	CM	TCHK	8
			NO	TCC		
TCHK ▼	TR	38 48	C4 36	DTM		9
TCKI ▼	TR	R2 20	C1 55	CM	TCKI	8
TCT	MTC		W0 46	TV	TCT	26
TDCT	APTT ROTL ROTR MTC TTR		T0 53	CM	TDCT	8
			T2 53	DTM		9
CRS TEA ▼	TR	OG		CWL	CRS	
		R2 30	V1 17	TV	TEA	26
MT-TEN ▼	TR	R4 58	TXE1/TX01 3T 4	MT	TEN	28
TER ▼	TR	S7 9	A4 3	CM	TER	8
TET	MTC		V1 23	TV	TET	26

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TFA	MTC		YA T0 58	FATC	TFA	8
TFO,1, 2,4,7	APTT ROTC ROTR TTR MON DAS MTC		B0 30-34	CM	TFO,1, 2,4,7	8
				CDTA		
			B4 30-34	DTM		9
	LV	XE	NO	TCC	CDO,1, 2,4,7	
TF-CD-MU-0,1,2, 4,7 ▼	TR	S4 20-24	V7 20-24	CDTA	MU0,1, 2,4,7	61
			A2	CM	TGO,1	8
			NO 40-41	TCC		
TGO,1 ▼	TR	R8 30-31	A8 58-59	DTM		9
TG2-5 ▼	TR	R8 32-35	A2 42-45	CM	TG2-5	8
			A8 9,15-17	DTM		9
			NO	TCC		
TG6-19 ▼	TR	R8 36-49	A2 46-59	CM	TG6-19	8
			NO	TCC		
			OG	CWL	HMS	
HMS TGR ▼	TR	R2 31	V1 18	TV	TGR	26
			V4 31	ATV		161
			V1 23	TA		60
IRT TGT ▼	TR	R1 28	A2 29	CM	TGT	8
THC	MON MTC		B1 46	CM	THC	8
THC ▼	TR	S4 8				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			T1 20-29	CM	THGT 0-9	8
THGT0 -9	MTC		T3 20-29	DTM		9
THT2,3	MTC MON TTR APTT ROTR	OX	G0 53,54	CM	THT2,3	197
		ZI		APTT ROTL ROTR	TI	
				MTC TTR		
		NO		TCC		
TI ▼	TR	S8 0		FS6 6F2		
TIC	MTC		V1 56	TV	TIC	26
TIK	LV CLVA	XV				
	ETSPD MTC		V1 0	TV	TIK	26
	LIT	KM	V3 52	ATV		161
TIN ▼	TR	R2 13	A3 57	CM	TIN	8
		NO		TCC	TK	
			A2 4	CM		8
TK ▼	TR	S8 51	A8 52	DTM		9
TKT ▼	TR	S8 4		MTC	TKT	10

DRAWING ISSUE	
39D	MRS RFL AMD
42D	CMW PTM AMD
59D	KEC WJS AMD
62D	LJ
66D	RAR
70D	
73D	
74A	
75D	

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-851

BELL TELEPHONE LABORATORIES (INCORPORATED) 6S

SD-25805-01-851

STADILO

TABLE I (CONT)
(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TLH	LV	XE	C0 31	CM	TLH	8
	MTC		C4 31	DTM		9
TLV ▼	TR	S8 6		MTC ETSPD	TLV	10
		XV		LV CLVA		
		NO		TCC	TM	
TM	FS 6 6G4		C2 59	CM		8
TM ▼	TR	S8 30	C4 33	DTM		9
TM	APTT ROTL ROTR MTC TTR ETSPD	ZI		FS 6 6A4		
	LV CLVA	KC				
LVI TMI ▼	TR	R3 49	VI 45	TV	TM1	26
LVI	MON	PI		TLaC TL	LVI	10

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
		PI	A3 58	CM	TB6	8
TB6 TM2 ▼	TR	R3 50	W 46	TV	TM2	26
TB6	ROTL-TMB		VI 51	ATV TCC	TB6	161
		NO	V9 52	CDTA	TM2	61
TMG ▼	TR	S8 18		FS 24 2IFO	TMG	
TMK	APTT	TF				
	ROTR MTC TTR		C2 57	CM	TMK	8
TMK1	APTT	TF				
	ROTR TTR MTC		C2 58	CM	TMK1	8
TN ▼	TR	R2 1	A4 50	CM	TN	8
TN	ETSPD					
TNK ▼	TR	R4 26	C1 50	CM	TNK	8
TNK	ETSPD					
	MTC	QY		WC	TU4	10
	CLVA	KD				
		TY	V4 31	TV	TNK	158
			V3 30	ATV		161
			VI 10	TA		60
TNO	MTC		VI 2	TV	TNO	26
WK TOB1 OR WJ HFA WK TOB2 OR WJ FAD	MTC	WJ,WK	C3 1	CM	WK TOB1 OR WJ HFA WK TOB2 OR WJ FAD	8
	MTC	WJ,WK	C3 2	CM		8
TOG ▼	TR	S7 8	A4 4	CM	TOG	8
TOG	ETSPD					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TOK ▼	TR	R3 39	VI 21	TV	TOK	26
TOL	APTT		B3 33	CM	TSC5	8
	MON MTC ROTR	TF WF WE	B1 56	CM	TOL	8
TOL ▼	TR	S4 11				
TOL	TTR					
TOP	MTC		VI 1	TV	TOP	26
			V3 42	ATV		161
TOSO-4	MTC		TO 5-9	CM	TOSO-4	8
TP	APTT MON MTC		B3 16	CM	TP	8
	ROTR	KU				
TP ▼	TR	R4 32				
TP'	LV	XE				
	ROTR MTC		C0 57	CM	TP'	8
TP' ▼	TR	R4 33				
TPT	LV CLVA	XV	V4 24	ATV DAS	TPT TP	161
	ETSPD MTC		VI 04	TA	TPT	60
LD PSI, TPT						
PSI, TPT ▼	TR	S4 44	V2 13	TV DAS	TPT TP	26
		LD	TO 59	CM	PSI	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TR	LV CLVA	XV	V4 01	ATV, PCTV	TR	161
	ETSPD MTC					
	LIT	KM				
LVO TR ▼	TR		VI 57	TV, PCTV		26
LVO	MON	PI		TL&C TL	LVO	10
			TO 21	CM	TR1	8
TR1	MTC		T2 21	DTM		9
IRL	MTC	OT	PC2 IOT 9	PRT	TR1	37
TRA	LV CLVA	XV	V4 10	ATV	TRA	161
	ETSPD MTC		VI 6	TV		26

DRAWING ISSUE
390
42D
43D
55D
59D
62D
64D
73D
74A
75D

DRAWING ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B52

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B52

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TRR	LV CLVA	KC → T0 24		CM	TRR	8
	MTC	T2 24		DTM		9
			C1 40	CM	TRS	8
			C5 40	DTM		9
TRS	MTC		PC2 68 5	PRT		37
TRS ▼	TR	S6 12	V1 58	TV, DAS		26
			V4 02	ATV, DAS		161
			NO	TCC		
TRL	APTT ROTL ROTR ETSPD MTC TTR INTF LV CLVA	KC → C1 42		CM	TRL	8
			V8 02	CDTA		61
			C5 42	DTM		9
			V4 30 TY	TV		158
TRL ▼	TR	S7 52	V3 24 TY	ATV		161
			NO	TCC		
TRL1	APTT ROTL ROTR MTC TTR		T0 23	CM	TRL1	8
TRL2	APTT ROTL ROTR MTC TTR		C2 48	CM	TRL2	8
TRN	TR	S8 38	A4 8	CM	TRN	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			T0 3	CM	TRT	8
TRT	MTC		T2 3	DTM		9
			V4 41-44	CDTA	OFF6-9	61
TS6-9	APTT	LB → NO		TCC	TS6-9	
	TT	LE →	A1 6-9	CM		8
TS-OFF 6-9 ▼	TR	S0 36-39	A7 6-9	DTM		9
			UQ V2 2-5	TV	OFF6-9	26
OFF6-9	LV CLVA ETSPD MTC		V1 10-13	ATV		161
	LIT	KM →				

DRAWING ISSUE

390 CSA FILL APP
420 KPW STAMP AND SIGN 76 KRP
620 JK
700
74A
750

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B53

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B53

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TSIO-19 TS 10-19 ▼ TSIO-19	TT TR APTT	(LE) SO 40-49 (LB)	(NO) A1 10-19	TCC CM	TSIO-19	8
TSE	MTC		C5 52	DTM	TSE	9
TSE ▼	TR	S8 45	(NO)	TCC	TSE	8
			C2 6	CM		
TSE1	APTT ROTL ROTR TTR MTC		TO 41	CM	TSE1	8
			T2 41	DTM		9
TSE2	ROTL ROTR MTC		TO 42	CM	TSE2	8
	APTT	(PE)	T2 42	DTM		9
TSK	ROTL-TMB MTC		TO 45	TLC TL&C	TSK	8
			T2 45			9
TSL	LIT	(KV)				
	LV CLVA MTC ETSPD	(XV)	V1 10	T V	TSL	26
TA TSR ▼	TR	S1 15	A5 56	CM	TSR	8
			(NO)	TCC	TA	
TST	MON		B3 2	CM	TST	8
TST ▼	TR	S3 21				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TT	APTT	(TF)				
	ROTR MON MTC		B3 29	CM	TT	
TT ▼	TR	S4 1				
TTC	LV	(XE)				
	ROTR MTC		TO 4	CM	TTC	8
TTK ▼	TR	R4 39	A0 39	CM	TTK	8
TTR ▼	TR	S1 23		TTR	TTR	10

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			TO 2	CM	TTT	8
TTT	MTC		T2 2	DTM		9
TV ▼	TR	R4 47	RTE/RTO 17	AMAR	TV	27
TVFT 0-4	MTC		T1 15-19	CM	TVFT 0-4	8
			T3 15-19	DTM		9
TVGT 0-11	MTC		T1 0-11	CM	TVGT 0-11	8
			T3 0-11	DTM		9
TVGT 12,13	MTC		T1 12,13	CM	TVGT 12,13	8

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			C3 58	CM	TVT	8
				FS 13 11E2		
			V1 54	TA		60
TVT ▼	TR	S2 25		FS 13 11E2		
CWK	MTC		A8 11	DTM	CWK	9
		(OG)				
CWK TWT ▼	TR	R5 41	A4 54	CM	TWT	8
UT-U 0,1,2,4,7 ▼	TR	S5 25-29	RTE1/RTO1 1 2T TO 9 10T	AMAR	U0,1,2,4,7	28
UTO,1,2,4,7	MTC MON RQTR TTR APTT	(VQ)	B3 55-59	CM	UTO,1,2,4,7	8

ISSUE

39D	D S AWP AWD
42D	CRW LTW AWC
62D	JK
700	
74A	
75D	

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-B54

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-B54

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
UN 0-9	CLVA	(KD)	A4 30-39	CM	U0-9	8
U0-9	ETSPD FS 28 25C9					
U0-9	LV CLVA	(XV)		FS 28 25C4	UA0-9	
	ETSPD MTC					
	LIT	(KM)				
U0-9 ▼	TR	R3 10-19	V0 40-49	TV	U0-9	26
			V2 00-14 10-14	ATV		161
			V6 40-44, 50-54	CDTA		61
UK ▼	TR	R4 24	A4 53	CM	UK	8
				WC	TU1	10
UKA	MTC	(KK)	C0 40	CM	UKA	197
	MTC		V0 39	TV		26
VF0-4	APTT ROTL ROTR TTR MON MTC ETSPD		B0 5-9	CM	VF0-4	8
			V0 10-14	TA		60
			B4 5-9	DTM		9
	LIT	(KM)				
	LV CLVA	(XV)	V4 40-44	ATV, DAS		161
VF0-4 ▼	TR	R1 20-24	V2 45-49	TVC, DAS		26
VF'0-4, EE0,1, 2,4,7 EC'0-2 ▼	TR	R0 20-24	A0 5-9	CM	VF'0-4	8
			A6 5-9	DTM		9
		(NI)		TCC		
		(JC)		BDT	E0,1, 2,4,7	
			V7 10-12	CDTA	EC'0-2	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VFT0-4	LIT ETSPD MTC		C0 15-19	CM	VFT0-4	8
	LV CLVA	(KC)	C4 15-19	DTM		9
VFT 0-4 ▼	TR	S3 55-59	(NO)	TCC		
VG0,1	LIT	(KM)				
	APTT ROTL ROTR MON ETSPD MTC TTR		B0 20,21	CM	VG0,1	8
			V4 14,20	CDTA		61
			B4 20,21	DTM		9
	LV CLVA	(XV)	V2 50,51	TV, DAS		26
			V1 40,41	ATV, DAS		161
VG-VU-0,1 ▼	TR	R1 9,10		WC	CP16, TM5	10
VU0,1	SSI	(OB)				
VG2,4,7	LIT	(KM)				
	APTT ROTL ROTR MON ETSPD MTC TTR		B0 22-24	CM	VG2,4,7	8
			V4 21-23	CDTA		61
	LV CLVA	(XV)	B4 22-24	DTM		9
VG-VU-2,4,7 ▼	TR	R1 11-13	V2 52-54	TV, DAS		26
VU2,4,7	SSI	(OB)	V1 42-44	ATV, DAS		161

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VG10	APTT ROTL ROTR TTR MON ETSPD		B0 19	CM	VG10	8
			B4 (IF) 19	DTM		9
			V4 24	CDTA		61
	LIT	(KM)				
			V1 50	ATV, DAS		161
	LV CLVA	(XV)				
VG10 ▼	TR	R1 14	V2 44	TV, DAS		26
		(JC)		BDT	C0,1, 2,4,7	
		(NO)		TCC	VG'0,1, 2,4,7	8
VG'-EC-TNT-0,1,2,4,7 ▼	TR	R0 9-13	A0 20-24	CM		
			A6 20-24	DTM		9
			V6 10-14	CDTA	TNT0, 1,2,4,7	61
			A0 (NO) 19	CM	VG'10	8
				TCC		
VG'10 ▼	TR	F0 14	A6 19	DTM		9
			T1 14	CM	VGA	8
VGA	MTC		T3 14	DTM		9
VGTC-11	LIT ETSPD MTC		C0 0-11	CM	VGTC-11	8
		(KC)	(NO)	TCC	VGTC-H1	
	LV CLVA		C4 0-11	DTM		9
VGT 0-11 ▼	TR	S3 30-41	(NO)	TCC		
		(NO)		TCC	VTK1	
			A2 28	CM		8
VTK1 ▼	TR	S7 31	A8 8	DTM		9
WC ▼	TR	S7 56		WC	WC	10

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			(ZY) C2 2	CM	WT	8
WT ▼	TR	S7 57	C5 56	DTM		9
			(NO)	TCC		
X ▼	TR	R1 39	V1 34	TV	X	26
			V4 22	ATV		161
X2P ▼	TR	R1 56	V1 40	TV	X2P	26
X11	MON TTR MTC ROTL ROTR		B3 25	CM	X11	8
X11 ▼	TR	S4 3	V9 42	CDTA		61
XAB ▼	TR	S6 49	A3 19	CM	XAB	8
			B0 39	PBXA CM	XAN	8
XAN ▼	TR	S5 56	(YL) (R) A2 16	CM	XAP	8
			A3 42	CM	XBT	8
XBT ▼	TR	S5 53	A8 42	DTM		9
			(NO)	TCC		
XCH ▼	TR	S6 57	A8 35	DTM	XCH	8
			A3 35	CM		
			(NO)	TCC		

DRAWING ISSUE

39D CSH AGP AHD

42D CSH AHD

62D JK

66D RAP

68D

74A

75D

DRAWING ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-B55

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-B55

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XCK	TR	R1 54 — VI 39		TV	XCK	26
XCKR	TR	S5 48 — A3 48		CM	XCKR	8
XCL	TR	S6 30 — A3 7	UK; NO	CM; TCC	XCL	8
			A8 19	DTM		9
XCLC	TR	S5 47 — A3 16		CM	XCLC	8
XCP	TR	S6 34 — A3 10		CM	XCP	8
XCR	TR	S6 31 — A3 6		CM	XCR	8
XCS	TR	S5 32 — A8 14	A3 14; NO	DTM; CM; TCC	XCS	8; 9
XDL	TR	S6 32 — A3 9		CM	XDL	8
XET	TR	R1 58 — VI 37	V4 23; V0 52	TV; ATV; TA	XET	26; 161; 60
XF	TR	S6 50 — A8 21	A3 21	DTM; CM	XF	9; 8
XFG	TR	S5 43 — A8 37	A3 37	DTM; CM	XFG	9; 8
XFT	MTC		C0 14	CM	XFT	8
XFT	TR	S6 56 — C4 14		DTM		9
XFTT	TR	S5 36 — A3 1	ZK	CM	XFTT	8
XFUT	TR	S5 37 — A3 0		CM	XFUT	8
XHG	TR	S5 30 — A8 27	NO; A3 27	TCC; CM; DTM	XHG	8; 9
XIC	TR	R1 42 — VI 31		TV	XIC	26
XICK	TR	R1 43 — VI 30		TV	XICK	26
XJC	TR	S6 42 — A8 22	NO; A3 22	TCC; CM; DTM	XJC	8; 9
XJG	TR	S6 43 — A8 23	NO; A3 23	TCC; CM; DTM	XJG	8; 9
XJS	TR	S6 44 — A8 28	NO; A3 28	TCC; CM; DTM	XJS	8; 9
XLC	TR	S6 47 — A8 25	NO; A3 25	TCC; CM; DTM	XLC	8; 9
XLG	TR	S5 31 — A8 26	NO; A3 26	TCC; CM; DTM	XLG	8; 9
XLH	TR	S5 34 — A8 7	A2 11; NO	CM; DTM; TCC	XLH	8; 9
XLO	TR	S5 35 — A3 50	NO	TCC; CM	XLO	8
XLR	TR	S6 45 — A8 24	NO; A3 24	TCC; CM; DTM	XLR	8; 9
XLS	TR	S5 33 — A8 34	NO; A3 34	TCC; CM; DTM	XLS	8; 9
XLV	TR	S6 48 — A8 30	NO; A3 30	TCC; CM; DTM	XLV	8; 9
XMB	TR	S6 33 — A3 8		CM	XMB	8
XMRL	TR	S5 55 — A3 44		CM; TCC	XMRL	8
XN	TR	S5 42 — A3 36		CM	XN	8
XNL	TR	R1 44 — VI 29		TV	XNL	26
XOB	TR	S6 35 — A3 4		CM	XOB	8
XOF	TR	R1 55 — VI 35		TV	XOF	26
XP	TR	R1 45 — VI 28		TV	XP	26
LFKI XP1	TR	R1 51 — RTE/RTO 8	E0 53; A3 2	AAAR; CM; CM	XP1; LFKI; XPG	27; 57; 8
XPG	TR	S5 44 — A8 2		DTM		9
XPL	TR	R1 38 — TXEI/TXOI 9T 10		MT	XPL	28
XPT	TR	S6 53 — A3 17		CM	XPT	8
XPTN	TR	S5 45 — A8 3	A3 3	DTM; CM	XPTN	9; 8
XRB	TR	R1 46 — VI 27		TV	XRB	26
XRCT	TR	S5 38 — A3 11	ZK	CM	XRCT	8
XRL	TR	S5 54 — A3 47	NO	TCC; CM	XRL	8
XRL	TR	R1 41 — VI 32	V4 00	TV; ATV		9; 161
XRS	TR	S6 54 — A3 52		CM	XRS	8
XRS1	TR	S6 55 — A3 53		CM	XRS1	8
XRST	TR	R1 40 — VI 25		TV	XRST	26
XS	TR	S5 40 — A3 31	OG	CM; CWL	XS	8
XHM XSA	TR	S5 41 — A3 32	OG	CM; CWL	XSA; XHM	8
XSC	FS 28 25H9		A4 46 TD	CM	XSC	8
XSC	TR	R3 54 TD		FS 28 25G4	XSCA	

DRAWING ISSUE 390 REL AH; 700; 75D;

DRAWING ISSUE 988

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-B56

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-B56

STABILO

TABLE I (CONT)

(FOR OFFICES USING SINGLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
		NO A3 49		TCC	XSL	
				CM		8
XSL	TR	S6 51	A8	DTM		9
		OG 49		CWL	SXT	
SXT XSS	TR	S5 39	A3	CM	XSS	8
		NO 51		TCC		
XT	TR	S5 46	A3 15	CM	XT	8
XT	NTC		W0 48	TV		26
XLF XT1	TR	R1 52	RTE/RTO 5	AMAR	XT1	27
			EO 44	CM	XLF	57
XT5	TR	S6 37	A3 40	CM	XT5	8
XTB	TR	S6 38	A3	CM	XTB	8
		NO 12		TCC	XTB1	
XTB1	TR	S6 40	A3	CM		8
		NO 33		TCC	XTC	
			A3 45	CM		8
XTC	TR	S5 49	A8 45	DTM		9
XTC	FS 25 2282		RTE/RTO 48	AMAR		27
XTC	TR	R1 48		FS 25 2282		
		NO		TCC	XTC1	
		A3 46		CM		8
XTC1	TR	S5 50	A8 46	DTM		9
XTG	TR	S6 39	A3	CM	XTG	8
		NO 13		TCC	XTG1	
			A3 39	CM		8
XTG1	TR	S6 41	A8 39	DTM		9

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			EO 34	CM	FK	57
FK XTKK	TR	R1 50	V1 33	TV	XTKK	26
XTL	FS 25 2282		RTE/RTO 46	AMAR	XTL	27
XTL	TR	R1 47		FS 25 22B2		
			V4 34	ATV		161
			V0 50	TA		60
			A3 41	CM	XTRK	8
XTRK	TR	S5 51	A8 41	DTM		9
		NO		TCC		
				TCC	XTRL	
			A3 43	CM		8
XTRL	TR	S5 52	A8 43	DTM		9
		NO		TCC	XTS	
			A3 18	CM		8
XTS	TR	S6 46	A8 18	DTM		9
		NO		TCC	XTS1	
			A3 38	CM		8
XTS1	TR	S6 52	A8 38	DTM		9
		NO		TCC	XI	
		S6 36	A3 5	CM	XTV	8
XI XTV	TR					
XU	TR	R1 49	V1 26	TV	XU	26
XU1	TR	R1 53	RTE/RTO 47	AMAR	XU1	27
XVF	TR	R1 57	V1 36	TV	XVF	26
			V1 52	ATV		161
			V0 53	TA		60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
			V0 51	TA	XVG	60
XVG	TR	R1 59	V1 38	TV		26
			V3	ATV		161
			NO 51	TCC	XVGA	
			A3 29	CM		8
XVGA	TR	S6 58	A8	DTM		9
			NO 29	TCC	XVGB	
			A3 20	CM	XVGB/ XCW	8
XCW XVGB	TR	S6 59	A8 20	DTM		9
XX	TR	S3 20	PC1 12B 11	PRT	XX	37

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC

ISSUE	
390	MLT WGD AMD
700	
75D	

DRAWING ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-B57

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-B57

LEGEND
(FOR TABLE IA)

NOTES:

1.

ABBR	CONNECTING CKT
AC	APPLIQUE CKT FOR COMPARING COMPLETING MARKER ROUTE RELAY CROSS CONNECTIONS
AIODT	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR
AIOD-TC	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR
AIS-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	CALENDER AND CLOCK
CDTA	CALL DATA TRANSMITTER APPLICATION
CLVA	COMPUTER LINE VERIFICATION ACCESS
CM	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-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
LV	LINE VERIFICATION
MON	AUTOMATIC MONITOR REGISTER SENDER TEST
MROTL	MINI-ROTL INTERFACE
MT	MASTER TIMING
MTC	MASTER TEST CONTROL

ABBR	CONNECTING CKT
NGC	NUMBER GROUP CONNECTOR
OR	ORIGINATING REGISTER
ORMC-MP	ORIGINATING REGISTER MARKER CONNECTOR - MARKER PART
ORMC-RP	ORIGINATING REGISTER MARKER CONNECTOR - REGISTER PART
OS	OUTGOING SENDER
OSC-MP	OUTGOING SENDER CONNECTOR - MARKER PART
OSC-SP	OUTGOING SENDER CONNECTOR - SENDER PART
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
TLLMC	TRANSFER LINE LINK MARKER CONNECTOR
TR	TROUBLE RECORDER CONTROL AND TEST
TRC	TROUBLE RECORDER CONNECTOR
TRMC-MP	TRANSFER REGISTER MARKER CONNECTOR - MARKER PART
TRMC-RP	TRANSFER REGISTER MARKER CONNECTOR - REGISTER PART
TT	TRUNK TEST
TTL	TRANSFER TRUNK LINK
TTLC	TRANSFER TRUNK LINK CONNECTOR
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,

2. LEADS ON THE CONNECTOR AND SCANNING RELAYS OF FIG 150,151,152, 153,154,155, & 156 ARE MULTIPLED AS INDICATED IN THE FIGURES IN WHICH THESE RELAYS APPEAR. THESE FIGURES SHOWN SCHEMATICALLY ARE FOR 286 TYPE RELAYS. FOR MULTIPLE INFORMATION ON OTHER LEADS SEE THEIR CORRESPONDING FIGURES

3. THE 8WO-8WI19,8WXO-9WX3 LEADS ARE THE DESIGNATIONS 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:

   $\frac{2W}{TRUO}$ (FRONT SIDE DESIGNATION)
   (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.

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MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 65	ISSUE 100B
BELL LABORATORIES	SD-25805-01-		858

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(WB) TABLE IA

FOR FIG 150 AND 152-DOUBLE SIDED TROUBLE RECORDER CARD-NEW MASTER TEST FRAME LEAD INDEX AND CONNECTING INFORMATION
FOR CONNECTOR AND SCANNING RELAY CONTACTS SEE LEGEND FOR TABLE IA FOR CROSS CONNECTION INFORMATION SEE TABLE 4A WHERE PUNCHING NUMBERS ARE NOT SHOWN, THE PUNCHING HAS THE SAME NUMBER AS THE CONNECTOR OR SCANNING RELAY AND CONTACT ASSOCIATED WITH IT

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ITR / ITR	TR	S7 00	VI 13	TA	ITR	60
			V4 13	ATV DAS		161
			V2 14	TV CTV DAS		153
		KM	PCO 128 11	PRT	TRK	37
	LIT		LG	RT	ITR	152
TRK	APTT ARET MTC ROTL ROTR TTR		C3 33	CM	TRK	150
			CII 33	DTM		151
ITR OR TRK	CLVA ETSPD LV		NO	TCC	ITR	
2DT / LT2 RST22	TR	S3 02	V9 43	CDTA	LT2	61
			B3 50	CM	2DT	150
2DT	MON MTC ROTL ROTR TTR	NJ	V4 22	TV	RST22	153
	APTT	RR	STC4 5 6B	MT		29
	LV	RC	STC5 5 6B	AMAR		29
2L	LV MTC		T2 TQ 00	CM	2L	150
2LN	TR	R5 44	B9 TQ 21	CM	2LN	150
	ETSPD LV MTC					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
2TR / 2TR	TR	S7 01	V4 14	ATV DAS	2TR	161
			V2 20	TV CTV DAS		153
			PC2 108 9	PRT	TR2	37
			LG	RT	2TR	150
			C3 34	CM	TR2	150
			CII 34	DTM		151
			NO	TCC	2TR	
TR2	MTC ROTL ROTR TTR		VI 14	TA		60
2W / 2W	TR	AB8 2	UI	LLMC	2W	152
	ARET					
	MON	QH				
	APTT CLVA ETSPD LV MTC ROTL ROTR		UI DO 11	CM		163
2WD	MTC		DI 14	CM	2WD	163
2WD1	MTC		DI 13	CM	2WD1	163
4B / 4B	TR	RA7 34 SL,SC	B8 41	CM	4B	150
4DG / 4DG	TR	R3 31	TR CII 43	DTM	4DG	151
			C6 54	CM		150
	LIT	KV	V7 21	TV		154
	CLVA ETSPD LV MTC		RX VII 51	CTV DASC		155

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
4W / -	TR	AB7 2	UI	LLMC	4W	152
	APTT	QX				
	MON	QH				
	CLVA ETSPD LV MTC ROTR		UI DO 10	CM		163
50G / 50G	TR	R3 32	TR CII 44	DTM	50G	151
			C7 50	CM		150
	MTC		V7 22	TV		154
5I / DLO	TR	RA7 40	NT	RRC	DLO	
			SL,SC B8 42	CM	5I	150
11 / RST25	TR	S3 10	B7 21 FIRST, SECOND AND THIRD FIG 37 ONLY	CM	11	150
11	LV	RC	PCI 12T 11	PRT		37
	APTT MON MTC ROTL		NJ V4 30	TV	RST25	153
			STC4 1 2T	MT		29
			STC5 1 2T	AMAR		29
A / SPU7	TR	RA2 44	V8 54	CDTA	SPU7	61
			A9 51	CM	A	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
A0,1,2,4,7 / A0,1,2,4,7	TR	SI 00-04	V2 00-04	CDTA	A0,1,2,4,7	61
			B4 00-04	CM		150
			NO	TCC		
	LIT	KM	PCO 28-108 1-9	PRT		37
			LG	RT TAT		152
	APTT ARET LV MON MTC ROTL ROTR ST TTR		VO 00-04 KV	TV CTV DASC ATV DAS		153 161
A'0 / A'0	TR	SO 00	AIO 00	CM	A'0	150
		LP	RTEA/RTOA 10	AMAR		156
	MON		WI 10 NX	CTV TV		153
A'1 / A'1	TR	SO 01	AIO 01	CM	A'1	150
	MON	LP	RTEA/RTOA 20	AMAR		156
A'2 / A'2	TR	SO 02	AIO 02	CM	A'2	150
	MON	LP	RTEA/RTOA 30	AMAR		156
			WI 30 NX	CTV TV		153

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		859

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(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
A'4,7	TR	S0 03,04	AIO 03,04	CM	A'4,7	150
	MON					
AC8	TR	R4 41	(SV) AI3 33	DTM	AC8	151
ACD	TR	R3 50	B9 01	CM	ACD	150
	MTC		VII 42	CTV DASC		155
ACDO MLV TLV (FWR)	TR	S8 12	(LG)	CLVA ETSPD LV MTC	MLV OR TLV	152
			(LG)	RT	FWR	152
			(NO)	TCC	ACDO	
AD RNTI RNTI AD	TR	R3 21	B9 00	CM	AD	150
			VII 50	CTV DASC		155
AD OR RNTI	MTC		V9 21	TV	RNTI	154
AD' RNT'I	TR	R3 23	B9 43	CM	AD'	150
AGCK	TR	RA7 33	(RW) B8 54	CM	AGCK	150
AIS MPT TC	TR	R4 54	C5 50	CM	MPT	150
			VI3 23	CTV	TC	155
MPT	MTC		(QF,PY) B9 50	CM	AIS	150
AK	TR	RA2 50	A9 53	CM	AK	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
AL ALI	TR	R6 12	C4 52	CM	AL	150
			(NO)	TCC		
AL	APTT INTF MTC ROTL ROTR TTR		(LQ) RTE/RTO 11	TC	ALI	156
ALT	MTC ROTR		T0 32	CM	ALT	150
	APTT		(VR)			
AN (S2)	TR	RA2 22	BI 33	CM	AN	150
			(LG)	RT	S2	152
AOT XTG DTK	TR	SA6 14	RTEA/RTOA 02	AMAR/ TC	DTK	156
			(SM) A6 13	CM	XTG	150
			(SL) AI4 10	DTM	AOT	151
AOT	MON MTC		(SL) E2 52	CM	AOT	164
ANC PBX	TR	R2 54	(UG,UJ) BII 21	DTM	PBX	151
			(NO)	TCC	ANC	
AR2,4,7	TR	R6 24,30,31	(LQ) RTE/RTO 22-24	TC	AR2,4,7	156
ARET PRT TURN OVER	TR	S8 24		FS 39 29F/F2	PRT	
				FS 27 2487	ARET	
AR-HT' 0,1 ORTO,1	TR	S2 30,31	B6 40,41	CM	ARO,1	150
ARO,1	MON			BI	ORTO,1	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
AR-HT' 2,4,7 AR2, 4,7	TR	S2 32-34	B6 42-44	CM	AR2,4, 7	150
	MON					
ATKT ATKT	TR	S8 03		APTT MROTL ROTL ROTR	ATKT	152
AVG GPA AL2	TR	R6 13	C7 02	CM	GPA	150
			(LQ) RTE/RTO 12	TC	AL2	156
GPA	APTT INTF MTC ROTL ROTR TTR		(NO)	TCC	AVG	
AVKI XNL	TR	SA7 24	B6 03	CM	AVKI	150
AVKI	MON		V6 52	TV	XNL	154
B0,1, 2,4,7 B0,1, 2,4,7	TR	SI 10-14	B5 00-04	CM	B0,1, 2,4, 7	150
			V2 10-14	CDTA		61
	LIT		(KM) (LQ)	RT TAT		152
	APTT ARET LV MON MTC ROTL ROTR ST		PCI 28-10B 1-9	PRT		37
			V0 10-14 (KV)	ATV CTV DASC TV DAS		161 153
B'0,1, 2,4,7 B'0,1, 2,4,7	TR	S0 10-14	AII 00-04	CM	B'0,1, 2,4,7	150
			(LP) RTE/RTO 50-54	AMAR		156
	MON		W0 50-54 (NX)	CTV TV		153
BLC	MTC	T0 01		CM	BLC	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
BLDA	TR	RA4 23	(SD) E0 54	CM	BLDA	164
	ETSPD MTC					
	LV		(RJ)			
BLT SC	TR	RA4 21	(SD) E0 43	CM	BLT	164
BLT	ETSPD MTC					
	LV		(RJ) (NT)	RRC	SC	
BM FU3	TR	RAI 14	B3 02	CM	BM	150
BM	CLVA ETSPD LV MTC		V0 43	TA	FU3	60
BRL	TR	AB5 10	D0 12	CM	BRL	163
	MTC					
BR-TT' 0,1,2, 4,7 ORUD,1, 2,4,7	TR	S2 40-44	B6 50-54	CM	BRO,1, 2,4,7	150
BRO,1, 2,4,7	MON			BI	ORUO, 1,2,4,7	152
BRT	MTC		(UI) T4 01	DTM	BRT	151
			DI 30	CM		163
BST	LV MTC		C0 33	CM	BST	150

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 99A
BELL LABORATORIES	SD-25805-01-		B60

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(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
BT / MET SY	TR	SA6 53	B6 01	CM	BT	150
			C9 34	DTM		151
			NO	TCC		
	APTT ARET INTF LV MTC ROTL ROTR TTR		TXE/TXO 7 8T	MT	SY	28
BT			NT	MT	MET	
BTT	MTC	UI	T4 00	DTM	BTT	151
			D1 31	CM		163
B40-29	TR	R0-8 00-04,10-14, 20-24,30-34, 40-44,50-54	(FRONT) LEFT BOTTOM			
BWX0	TR	AB0-8 10				
BW30-59	TR	RA0-8 00-04,10-14, 20-24,30-34, 40-44,50-54	(FRONT) RIGHT BOTTOM			
BWX1	TR	AB0-8 11				
BW60-89	TR	S0-8 00-04,10-14, 20-24,30-34, 40-44,50-54	(FRONT) LEFT TOP			
BWX2	TR	AB0-8 2				
BW90-119	TR	SA0-8 00-04,10-14, 20-24,30-34, 40-44,50-54	(FRONT) RIGHT TOP			
BWX3	TR	AB0-8 3				
BY / VGI	TR	RA1 24	C2 52	CM	BY	150
BY	ETSPD ROTR		V1 31	TA	VGI	60

THE CONN LEADS ARE LISTED IN THIS TABLE BY THEIR TR PUNCH DESIG

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
C	MTC		W1 21 NX	CTV TV	C C	153 153
CO,1, 2,4,7 / CO,1, 2,4,7	TR	S1 20-24	B4 10-14	CM	CO,1, 2,4,7	150
			PC0 2T-10T 1-9	PRT	CDO,1, 2,4,7	37
	LIT	KM	LG	RT TAT		152
			V0 20-24 KV	ATV CTV DASC TV DAS	CO,1, 2,4,7	161 153
	APTT ARET LV MON MTC ROTL ROTR ST		V2 20-24	CDTA		61
C'O,1, 2,4,7 / C'O,1, 2,4,7	TR	S0 20-24	A10 10-14	CM	C'O,1, 2,4,7	150
			RTE/RTO LP 40-44	AMAR		156
	MON		W0 40-44 NX	CTV TV		153
	CAM	MTC	B9 02	CM	CAM	150
CAMA / DRA2	TR	S7 41	B9 30	CM	CAMA	150
			LG	FS 29 26A/B8 RT	DRA DRA2	152
CAMF / RG4	TR	S3 33	B9 31	CM BI CTV	CAMF RG4	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CAMS / RG7	TR	S3 34	B9 32	CM BI CTV	CAMS RG7	150
CDO,1	TR	AB65 2	D0 40,41	CM	CDO,1	163
	MTC		NO	TCC		
	MON		QH			
CD2, 4,7	TR	AB432 2	D0 42,43,44	CM	CD2, 4,7	163
	MTC		NO	TCC		
	MON		QH			
CD'CT' 0,1,2, 4,7	TR	AB6,5,4,3,2 UI,UO 3	A7 24,40,41,53,54	CM	CD'O,1, 2,4,7	150
	MON		QH			
CDA-M' 0,1,2,4 / CKLO, 1,2,4 / CDA'O, 1,2,4	TR	RA4 40-43	D2 00-03	CM	CDA0, 1,2,4	163
	MON		QH	RRC	CKLO, 1,2,4	
	MTC		NT			
			OR			
MO,1, 2,4	MON MTC		D0 00-02,13	CM	MO,1, 2,4	163
CDA-M 7 / CKL7 / CDA7	TR	RA4 44	D2 04	CM	CDA7	163
	MON		QH			
	MTC		NT	RRC	CKL7	
			OR			
M7	MON MTC ST		B5 50	CM	M7	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CDA-M' 0,1,2,4 / CKRO, 1,2,4 / CDA'O, 1,2,4	TR	RA4 50-53	D2 10-13	CM	CDA'O, 1,2,4	163
	MON	QH	NT	RRC	CKRO, 1,2,4	
			OR			
M'O, 1,2,4	MON		D0 24,30-32	CM	M'O, 1, 2, 4	163
CDA'-M' 7 / CKR7 / CDA'7	TR	RA4 54	D2 14	CM	CDA'7	163
	MON	QH	NT	RRC	CKR7	
			OR			
M'7	MON		A11 50	CM	M'7	150
CDN	TR	S2 24	UN C6 50	CM	CDN	150
	MTC	UV				
CDNK	MTC		T2 10	CM	CDNK	150
APTT		NK	UW			
CE	MTC		D1 32	CM	CE	163
CE'	TR	AB6 10	D0 14	CM	CE'	163

MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B61

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(W8) TABLE 1A (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
CGA CGB OFF-CD-ECU-4,7 ▼	TR	RI 53,54	C4 12,13	CM	CGA, CGB	150
	APTT ARET MTC ROTL ROTR TTR		C8 12,13	DTM		151
CGA, CGB			V7 03,04	CDTA	ECU4,7	61
CDT4,7	MTC		V9 (UI,UO) 53,54	TVC	CD4,7	154
CGC HAC (TTO) ▼	TR	R4 34 (LI) V2 43		TV	NAC	153
		(SC) C9 33		DTM	CGC	151
				WC	TTO	152
CGT XVG ▼	TR	SA7 54	C1 33	CM	CGT	150
			V6 41	TV	XVG	154
			V3 51	ATV		161
			V0 51	TA		60
CHO GO ▼	TR	RA5 10 (NT) (TJ)		RRC	GO	
				FS 28 25A4	CHAO	152
CHO	FS 28 25A6	(TJ) (TK) (NO)		TCC	CHO	
			A2 30	CM		150
			AI4 30	DTM		151
CHI SM ▼	TR	RA5 11 (NT) (TJ)		RRC	SM	
				FS 28 25A4	CHAI	152
CHI	FS 28 25A6	(TJ) (TK) (NO)		TCC	CHI	
			A2 31	CM		150
			AI4 31	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CH2 WSM ▼	TR	RA5 12 (NT) (TJ)		RRC	WSM	
				FS 28 25A4	CHA2	152
CH2	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH2	
			A2 32	CM		150
			AI4 32	DTM		151
CH3 WCK ▼	TR	RA5 13 (NT) (TJ)		RRC	WCK	
				FS 28 25A4	CHA3	152
CH3	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH3	
			A2 33	CM		150
			AI4 33	DTM		151
CH4 RS1 ▼	TR	RA5 14 (NT) (TJ)		RRC	RS1	
				FS 28 25A4	CHA4	152
CH4	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH4	
			A2 34	CM		150
			AI4 34	DTM		151
CH5 RS2 ▼	TR	RA5 20 (NT) (TJ)		RRC	RS2	
				FS 28 25A4	CHA5	152
CH5	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH5	
			A3 30	CM		150
			AI5 30	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CH6 EOR ▼	TR	RA5 21 (NT) (TJ)		RRC	EOR	
				FS 28 25A4	CHA6	152
CH6	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH6	
			A3 31	CM		150
			AI5 31	DTM		151
CH7 - ▼	TR	RA5 22 (TJ) (TK)		FS 28 25A4	CHA7	152
CH7	FS 28 25A6	(TJ) (NO)		TCC	CH7	
			A3 32	CM		150
			AI5 32	DTM		151
CH8 PSR ▼	TR	RA5 23 (NT) (TJ)		RRC	PSR	
				FS 28 25A4	CHA8	152
CH8	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH8	
			A3 33	CM		150
			AI5 33	DTM		151
CH9 DCKF ▼	TR	RA5 24 (NT) (TJ)		RCC	DCKF	
				FS 28 25A4	CHA9	152
CH9	FS 28 25A6	(TJ) (TK) (NO)		TCC	CH9	
			A3 34	CM		150
			AI5 34	DTM		151

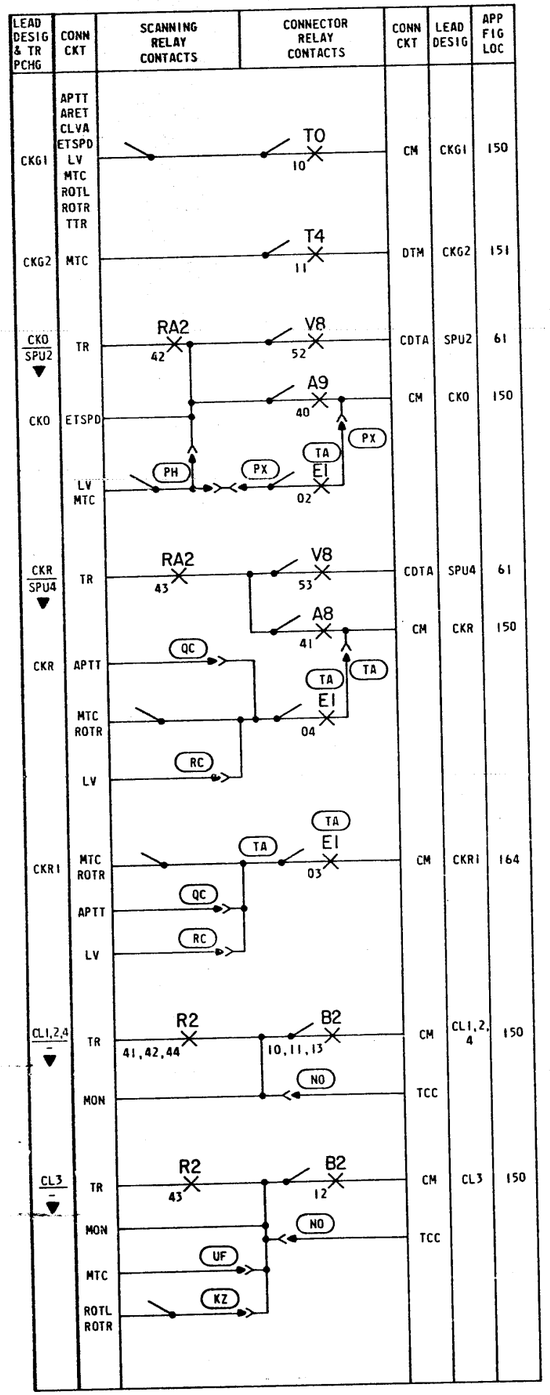
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CHA	FS 28 25A9	(TJ)	A3 24	CM	CHA	150
			AI5 24	DTM		151
CIIT-CI4T	MTC		V3 22-24,30 (NX)	CTV	CIIT-CI4T	153
				TV		
CIFAT	MTC		V3 43 (NX)	CTV	CIFAT	153
				TV		
CIS	RRC		(53) BC 3 4B			
		1 (53) BC 2B				
CISC	RRC		(53) SC 4 5B			
CK - ▼	TR	SA8 20	A5 34	CM	CK	150
CLYA		(KO)	AI7 52	DTM		151
ETSPO			(NO)	TCC		
CKG - ▼	TR	SA8 01	A3 22	CM	CKG	150
			AI5 22	DTM		151
INTF			(NO)	TCC		

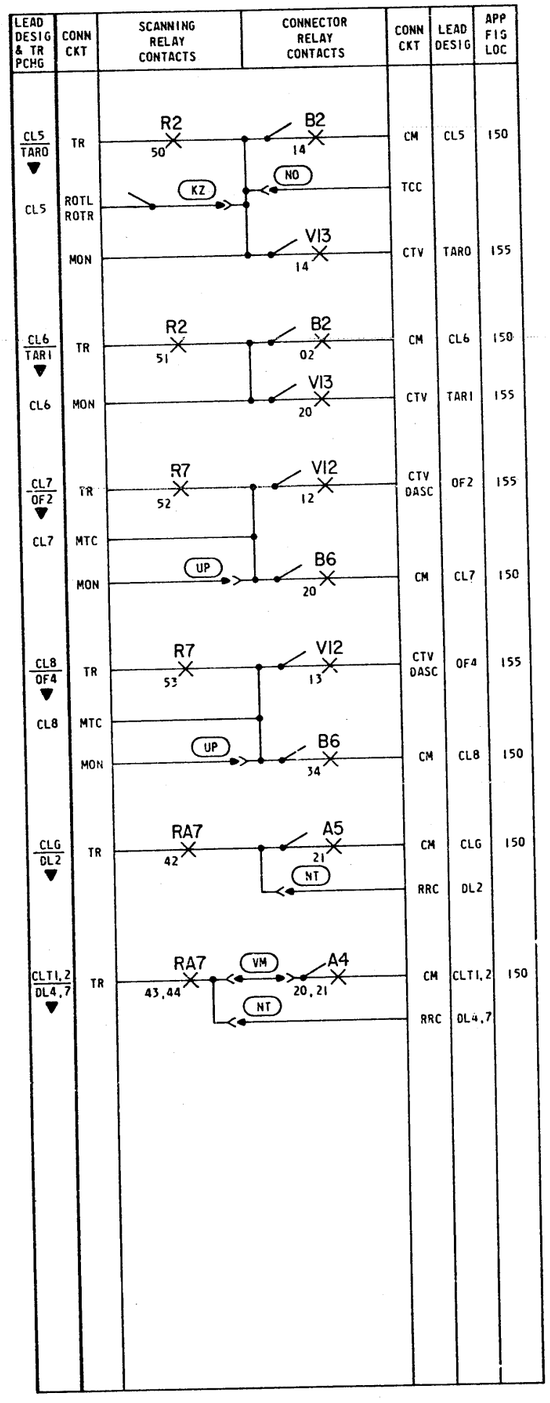
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		862

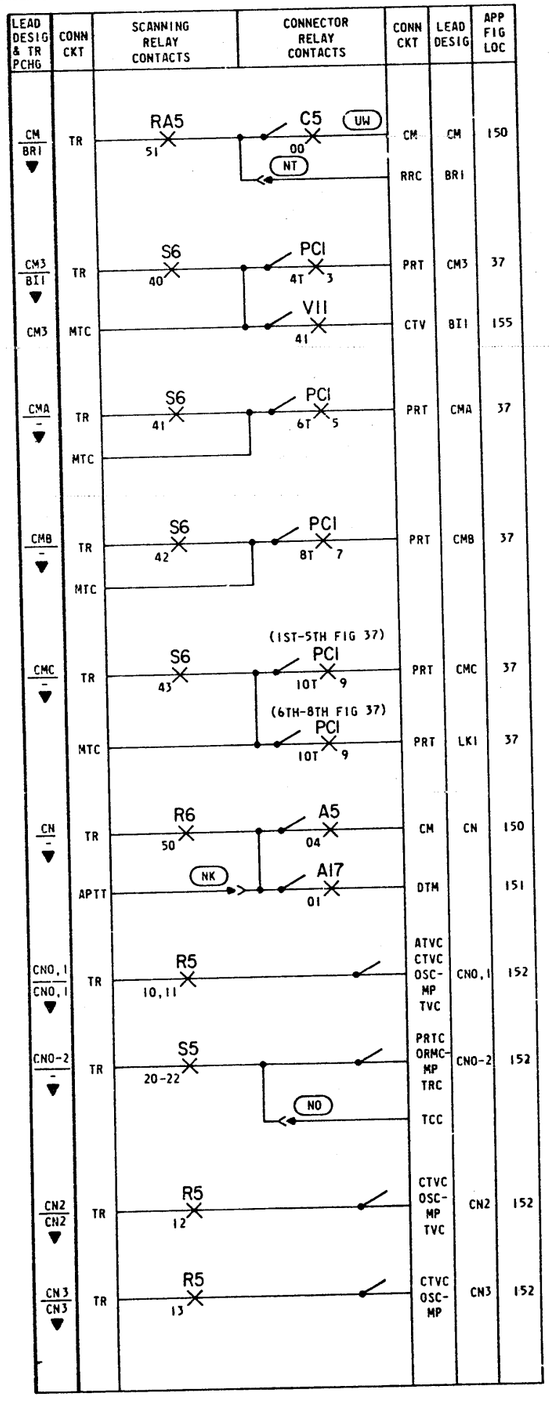
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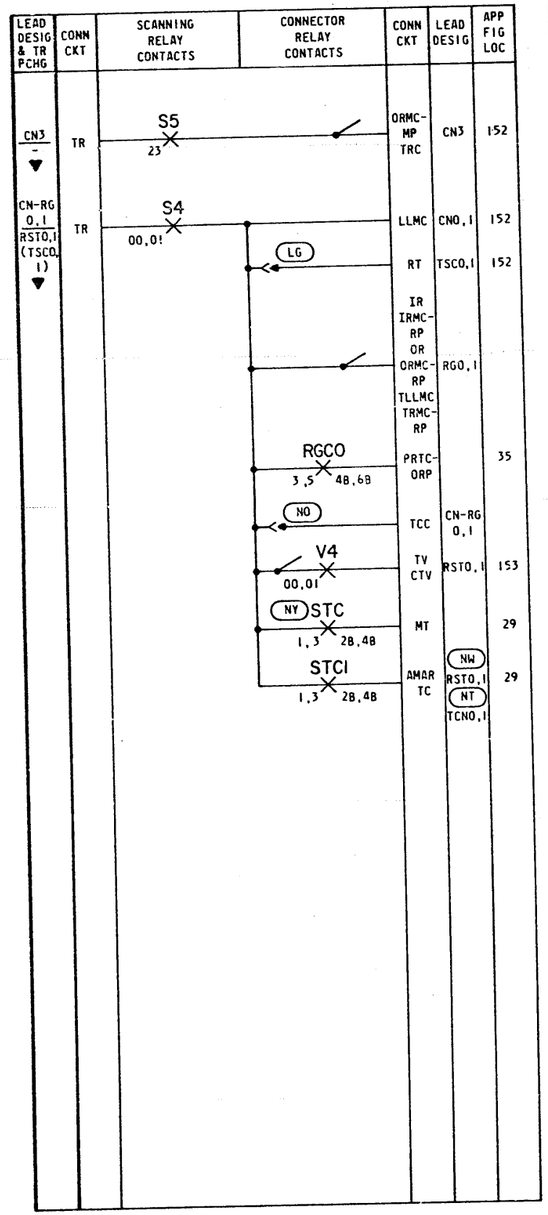
WB **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 863

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WB **TABLE 1A** (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
CN-RG 2-9 / RST 2-9 (TSC 2-9) ▼	TR	S4 02-04 10-14	LG	LLMC	CN2-9	152
				RT	TSC 2-9	152
				IR IRMC-RP OR ORMC-RP TRMC-RP	RG2-9	152
		RGC0 3-11, 7-11 4T-12T, 8B-12B		PRTC-ORP		35
			NO	TCC	CN-RG 2,3 CN4-9	
		V4 02-04, 10-14		CTV TV	RST2-9	153
			NY STC 1-9, 5-9 2T-10T, 6B-10B	MT		29
			STC1 1-9, 5-9 2T-10T, 6B-10B	AMAR TC	NW RST2-9 NT TCN2-9	29
CN-RG 10-15 / RST 10-15 ▼	TR	S4 20-24,30		LLMC	CN10-15	152
				IR IRMC-RP OR ORMC-RP TRMC-RP	RG 10-15	152
		RGC1 3, 4T. 3-11 4B-12B		PRTC-ORP		35
		V9 00-04,10		TV	RST 10-15	154
		NZ STC2 1, 2T, 1-9 2B-10B		MT		29
		STC3 1, 2T, 1-9 2B-10B		AMAR TC	NW RST 10-15 NT TCN 10-15	29

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CN-RG 16-19 / RST 16-19 ▼	TR	S4 31-34		LLMC	CN16-19	152
				IR IRMC-RP OR ORMC-RP	RG 16-19	152
		RGC1 5-11 6T-12T		PRTC-ORP		35
		V9 11-14		TV	RST 16-19	154
		NZ STC2 3-9 4T-10T		MT		29
		STC3 3-9 4T-10T		AMAR TC	NW RST 16-19 NT TCN 16-19	29
CNR ▼	TR	S2 11	C7 01	CM	CNR	150
	MTC					
CNS ARO ▼	TR	R6 22	B7 00	CM	CNS	150
			LQ RTE/RTO 20	TC	ARO	156
CNT	MTC		RV B8 52	CM	CNT	150
CON XRST ▼	TR	SA7 20	C1 32	CM	CON	150
			C9 32	DTM		151
			NO	TCC		
CON	MTC		V6 51	TV	XRST	154

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CPO,2,4 CP-CT 0,2,4 ▼	TR	R2 00,02,03	V7 30,32,33	CDTA	CTO, 2,4	61
CPO	MON	CPO LEAD ONLY	C6 30,32,33	CM	CPO,2,4	150
CPO,2,4	MTC		V7 24,31,32	TV		154
CP1,7 CP-CT 1,7 ▼	TR	R2 01,04	V7 31,34	CDTA	CT1,7	61
			C6 31,34	CM	CP1,7	150
			V7 30,33	TV		154
CP1,7	MTC		RX V11 52,53	CTV DASC		155
CR ▼	TR	S2 03	B7 03	CM	CR	150
	MON MTC					
CRS AGI ▼	TR	ABI 11	D2 23	CM	AGI	163
			OG	CWL	CRS	
CR-UT' 0,1,2,4,7 / OINO, 1,2,4,7 ▼ CRO,1, 2,4,7	TR	S2 50-54	B2 30-34	CM	CRO,1, 2,4,7	150
	MON			BI CTV	OINO, 1,2,4,7	152
CRUO, 1,2,4 / MO,1, 2,4 ▼	TR	R8 51-54	LG	TAT	MO,1, 2,4	152
			B3 30-33	CM	CRUO, 1,2,4	150
CRUO, 1,2,4	APTT ARET MTC ROTL ROTR TTR	UJ,UG	B11 30-33	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CRU7 OF7 ▼	TR	R7 54	V12 14	CTV DASC	OF7	155
OF7	MTC		UJ,UG B11 34	DTM	CRU7	151
CRU7	APTT ARET MTC ROTL TTR		B3 34	CM		150
CSO-29 TLRO-29 ▼	TR	SA2 00-04, 10-14, 20-24, 30-34, 40-44, 50-54	NO C2,3 00-04, 10-14, 20-24	TCC	CSO-19	
				CM	CSO-29	150
			C10,11 00-04, 10-14, 20-24	DTM		151
CSO-29	CLVA ETSPD LV MTC APTT ARET CLVA ETSPD LV MTC ROTL ROTR TTR			AMAT AIODT	NF TLR 0-29	152
CSG1			T6 30	DTM	CSG1	151
			SC T2 30	CM		150
CSG2			T6 31	DTM	CSG2	151
			SC T2 31	CM		150
CSW ▼	TR	RA1 50	B9 44 TB	CM	CSW	150
	MTC ROTR					
	LV	RB,TA				

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		B54

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(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
FS20 / GA ▼ FS20	TR	SA0 40 (LB)	B8 03	CM	FS20	150
	APTT		BI2 03	DTM		151
	TT	(LE)				
	MON			FS 40 29G/CO	GA	
FS21 / GB ▼ FS21	TR	SA0 41 (LB)	B8 04	CM	FS21	150
	APTT		BI2 04	DTM		151
	TT	(LE)				
	MON			FS 40 29G/CO	GB	
FS 22-26 / — ▼	TR	SA0 42-44, 50,51 (LB)	B8 10-14	CM	FS 22-26	150
	APTT					
	TT	(LE)				
	MON		BI2 10-14	DTM		151
FS 27-29 / — ▼	TR	SA0 52-54 (LB)	B8 20-22	CM	FS 27-29	150
	APTT					
	TT	(LE)				
	MCN		BI2 20-22	DTM		151
FTO-3 / FTO-3 ▼	TR	RI 00-03	BI 10-13	CM	FTO-3	150
FTO,1	SSI	(OB)	BII 10-13	DTM		151
FT2	SSI	(KJ)	VI 31-34	ATV DAS		161
FTO-3	LIT	(KM)	V8 00-03	DAS TV		154
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR			WC	DIS, SD, SR, TER	152
		V4	10-13	CDTA	FTO-3	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FT'-FG'-SWT-0 / EA0 NID ▼ NID	TR	RO 00	AI 10	CM	FT'0	150
	MTC		AI3 10	DTM		151
			V9 (LN,UO) 24	TV	NID	154
SWTO	SSI	(OB)	(JC)	BDT	A0	
FT'-FG'-SWT-1 / EA1 IOD ▼ SWT1	TR	RO 01	(JC)	BDT	A1	
	SSI	(OB)	AI 11	CM	FT'1	150
			AI3 11	DTM		151
IOD	MTC		V9 (LN,UO) 23	TV	IOD	154
FT'-FG'-2 / EA2 A0S ▼	TR	RO 02	(JC)	BDT	A2	
			AI 12	CM	FT'2	150
			AI3 12	DTM		151
A0S	MTC		V9 (LN,UO) 22	TV	A0S	154
FT'3 ▼	TR	RO 03	AI 13	CM	FT'3	150
			AI3 13	DTM		151
FTC	ARET MTC ROTL ROTR		T0 40	CM	FTC	150
	APTT	(VQ)	T4 40	DTM		151
FTCK ▼	TR	SA8 13	C4 50	CM	FTCK	150
	APTT ARET MTC ROTL ROTR TTR		CII 54	DTM		151
		(NO)		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FTK1 / XTOK ▼	TR	SA8 33	AI 21	CM	FTK1	150
			AI3 21	DTM		151
		(NO)		TCC		
FTK1	CLVA	(JH)	(LQ) RTEA/RTOA 52	TC	XTOK	156
FTT 0-3 RTEO, 1,2,4 CCO-3 (CCO, 1,2,4) ▼	TR	SA4 00-03	CO 50-53	CM	FTT 0-3	150
			C8 50-53	DTM		151
			(LG)	RT	CCO, 1,2,4	152
			VII 14,20-22	CTV	CCO-3	155
FTT 0-3	CLVA ETSPD LIT LV MTC		(NO)	TCC	RTEO, 1,2,4	
FTT4 / CC4 (CC7) ▼	TR	SA4 04	B8 01	CM	FTT4	150
			BI2 01	DTM		151
			(LG)	RT	CC7	152
FTT4	CLVA ETSPD LIT LV MTC		VII 23	CTV	CC4	155
FTT5 / CC5 ▼	TR	SA4 10	B8 02	CM	FTT5	150
			BI2 02	DTM		151
FTT5	CLVA ETSPD LIT LV MTC		VII 24	CTV	CC5	155

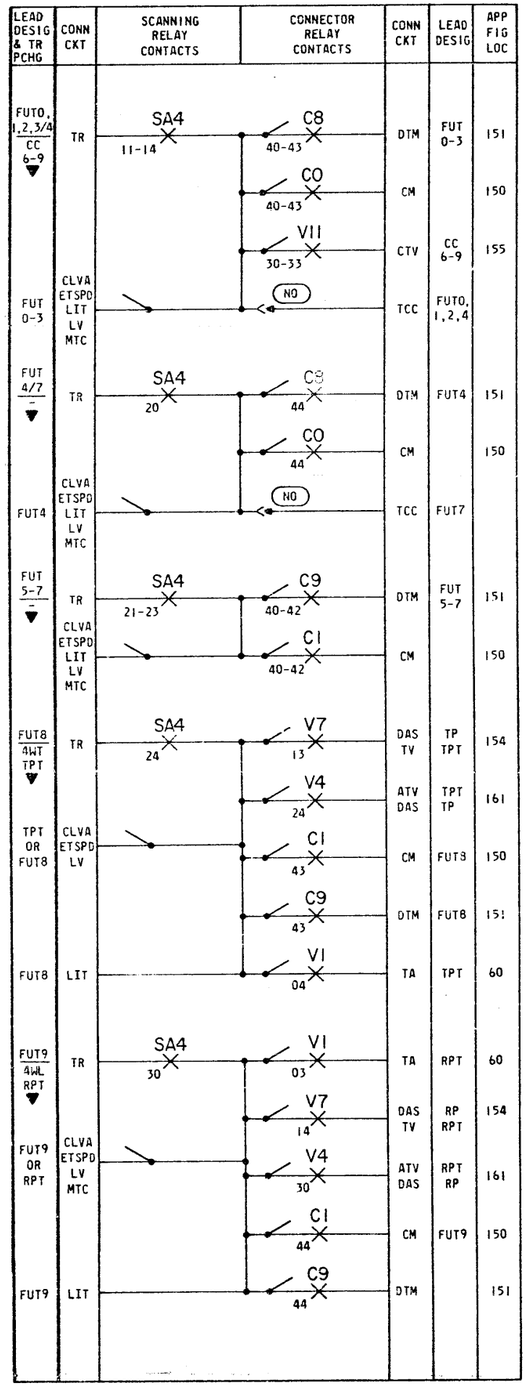
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FU0,1,2,4,7 / FU-TH' 0,1,2,4,7 ▼ FU0,1,2,4,7	TR	RI 04,10-13	BO 10-14	CM	FU0,1,2,4,7	150
			BIO 10-14	DTM		151
	SSI	(OB)	V3 31-34,40	ATV DAS		161
	LIT	(KM)	V7 44,50-53	DAS TV		154
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR		V4 00-04	CDTA		61
				WC	CP1,2 & 8 R5D	152
FU'-TF'-SW0,1,2,4,7 / EB0,1,2,4 TFT 0-2 ▼	TR	RO 04,10-13	AO 10	CM	FU'0	150
			AO 11-14	CM	FU'1,2,4,7	150
			(JC)	BDT	B0,1,2,4	
			AI2 10-14	DTM	FU'0,1,2,4,7	151
			(NO)	TCC		
SW0,1,2,4,7	SSI	(OB)	V6 30-32 10-12	CDTA	TFT 0-2	61

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		B69

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WB **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S / ISSUE 938
BELL LABORATORIES	SD-25805-01- / 870

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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
ITR / DRT2 NMB1 ▼	TR	S7 31	A8 01	CM	ITR	150
			NO	TCC		
			V10 52	CTV	NMB1	155
			NT	FS 29 26A/B6	DRT2	
JO,1,2,4 / JO,1,2,4 ▼	TR	R8 20-23	B4 40-43	CM	JO,1,2,4	150
			V3 20-23	CDTA		61
			LG	TAT		152
	APTT MON MTC ROTR ST TTR		V1 20-23	CTV DASC TV		153
J7 / J7 ▼	TR	R8 24	B4 44	CM	J7	150
			V3 24	CDTA		61
			V1 24	CTV DASC TV		153
	APTT MON MTC ROTR ST TTR		LG	TAT		152
J'0,1,2,4,7 OC-CT 0,1,2,4,7 ▼ J'0,1,2,4,7	TR	R7 20-24	A10 40-44	CM	J'0,1,2,4,7	150
	MON		V15 20-24	TV	CTO,1,2,4,7	55
OCA0,1,2,4,7	MTC		V10 10-14	CTV DASC	OCO,1,2,4,7	155
JCO / TRE (TA0) ▼	TR	RA6 00		FS 28 25D4	JCA0	
			LH	RT	TA0	152
			NT	RRC	TRE	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JCO-4	FS 28 25C9		A12 40-44	DTM	JCO-4	151
			A0 40-44	CM		150
			NO	TCC		
JC1 / TRSA (TA1) ▼	TR	RA6 01		FS 28 25D4	JCA1	
			LH	RT	TA1	152
			NT	RRC	TRSA	
JC2 / TRSB (TA2) ▼	TR	RA6 02		FS 28 25D4	JCA2	
			LH	RT	TA2	152
			NT	RRC	TRSB	
JC3 / TRA (TA4) ▼	TR	RA6 03		FS 28 25D4	JCA3	
			LH	RT	TA4	152
			NT	RRC	TRA	
JC4 / TRA2 (TA7) ▼	TR	RA6 04		FS 28 25D4	JCA4	
			LH	RT	TA7	152
			NT	RRC	TRA2	
JC5 / HDA (TB0) ▼	TR	RA6 10		FS 28 25D4	JCA5	
			LH	RT	TB0	152
			NT	RRC	HDA	
JC5-9	FS 28 25C9		A1 40-44	CM	JC5-9	150
			A13 40-44	DTM		151
JC6 / PKA (TB1) ▼	TR	RA6 11		FS 28 25D4	JCA6	
			LH	RT	TB1	152
			NT	RRC	PKA	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JC7 / HDB (TB2) ▼	TR	RA6 12		FS 28 25D4	JCA7	
			LH	RT	TB2	152
			NT	RRC	HDB	
JC8 / PKB (TB4) ▼	TR	RA6 13		FS 28 25D4	JCA8	
			LH	RT	TB4	152
			NT	RRC	PKB	
JC9 / ON (TB7) ▼	TR	RA6 14		FS 28 25D4	JCA9	
			LH	RT	TB7	152
			NT	RRC	ON	
JCK / - ▼	TR	SA8 53	A3 40	CM	JCK	150
			NO	TCC		
			A15 40	DTM		151
JGO / SW ▼	TR	RA6 20	A0 50	CM	JGO	150
			A12 50	DTM		151
			NO	TCC		
			NT	RRC	SW	

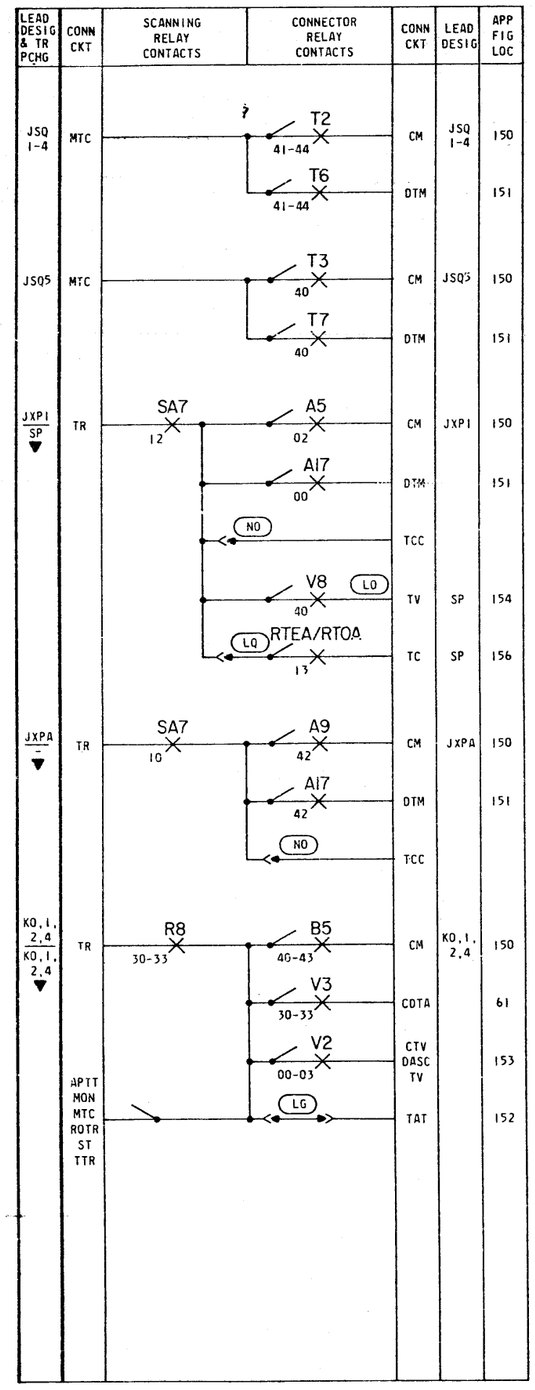
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JG1 / SW1 ▼	TR	RA6 21	A0 51	CM	JG1	150
			A12 51	DTM		151
			NO	TCC		
			NT	RRC	SW1	
JG2 / RLK ▼	TR	RA6 22	A0 52	CM	JG2	150
			A12 52	DTM		151
			NO	TCC		
			NT	RRC	RLK	
JG3 / RL1 ▼	TR	RA6 23	A0 53	CM	JG3	150
			A12 53	DTM		151
			NO	TCC		
			NT	RRC	RL1	
JG4 / RL2 ▼	TR	RA6 24	A0 54	CM	JG4	150
			A12 54	DTM		151
			NO	TCC		
			NT	RRC	RL2	
JSQO	ARET MTC		T2 40	CM	JSQO	150
			T6 40	DTM		151

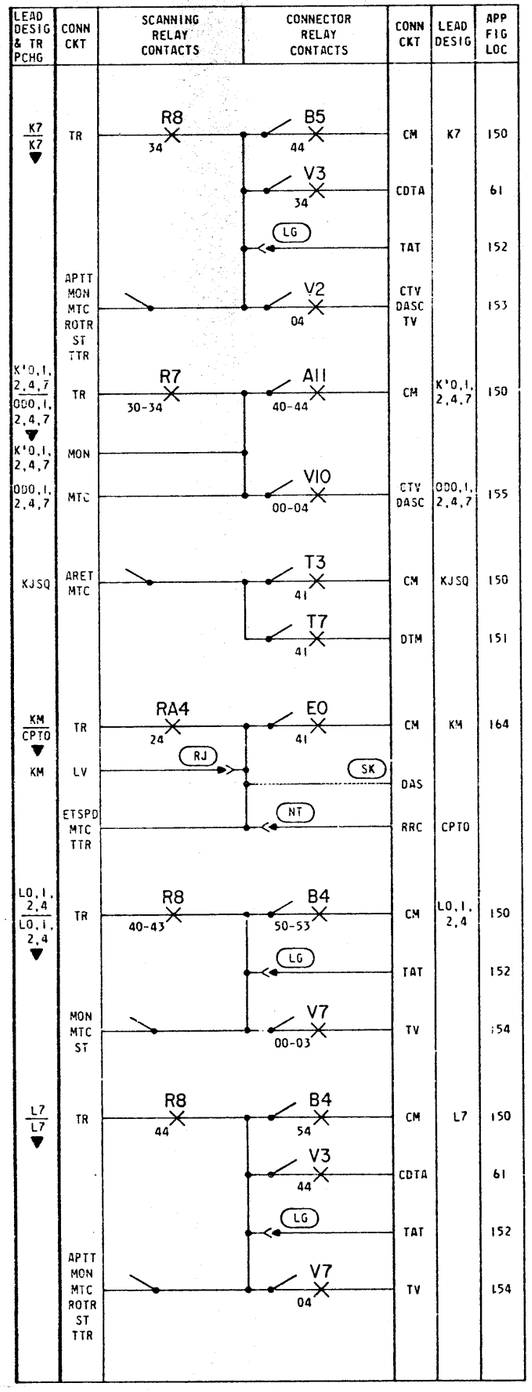
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 65	ISSUE 988
BELL LABORATORIES	SD-25805-01-		B73

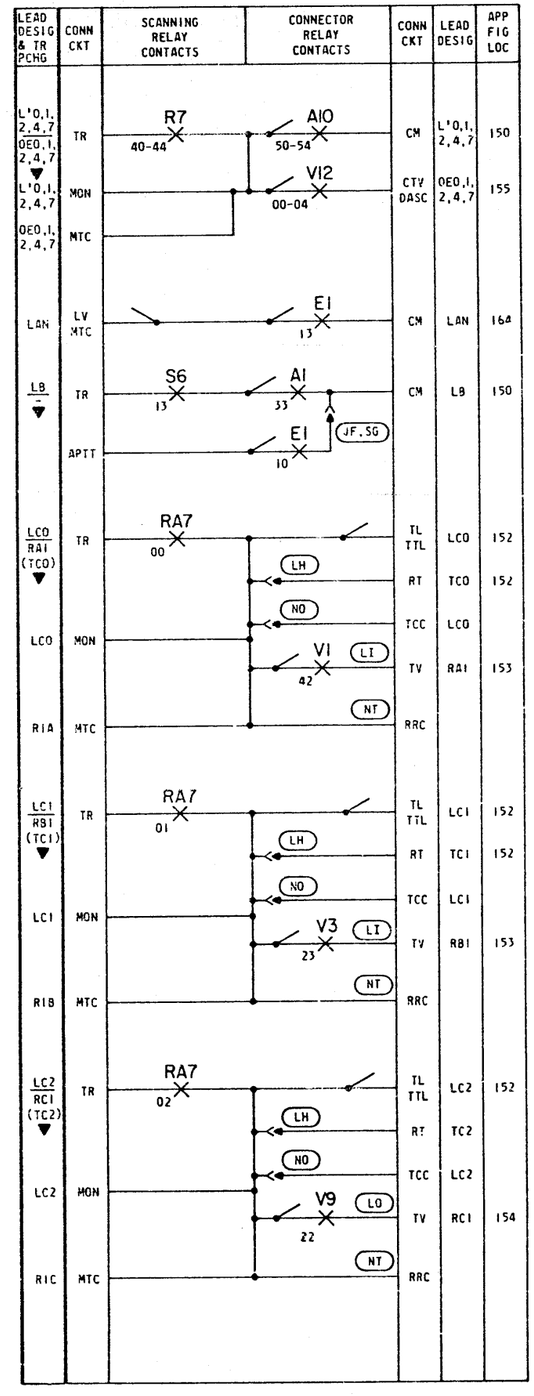
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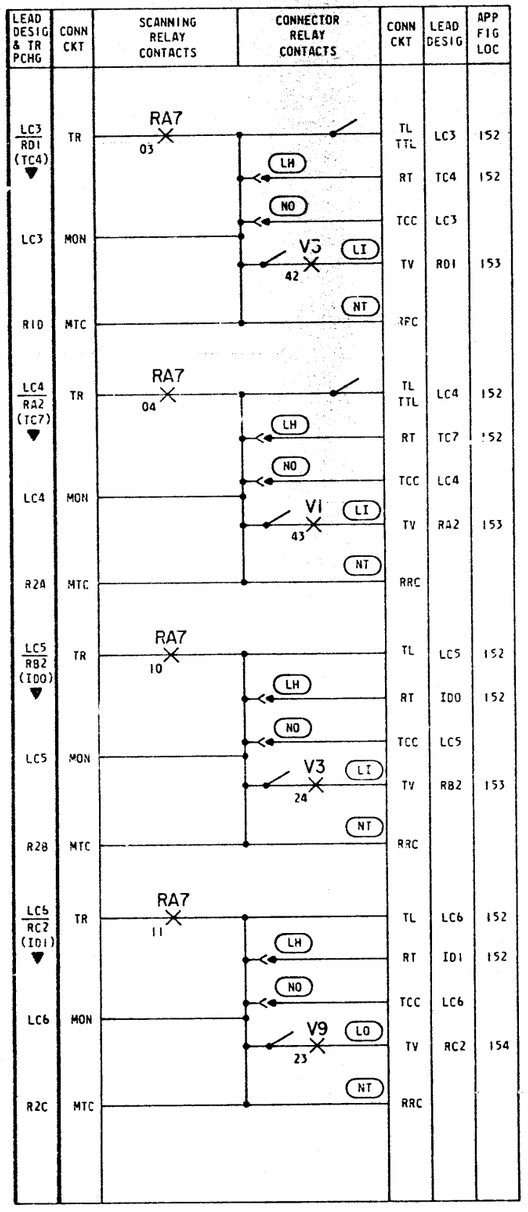
(WB) **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 874

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(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
MB-CU' 0-2 / MB-CU 0-2 ▼	TR	R2 10-12	V7 40-42	CDTA	CUO, 1,2	61
			C7 20-22	CM	MBO, 1,2	150
MB-CU' 0-2	MTC		V7 34,40,41	TV		154
MB-CU' 4,7 / MB-CU 4,7 ▼	TR	R2 13,14	C7 23,24	CM	MB 4,7	150
MB-CU' 4,7	LIT	KV	V7 42,43	TV		154
	CLVA ETSPD LV MTC		V7 43,44	CDTA	CU4,7	61
	MC CLVA ETSPD LV MTC		V3 43	ATV PCTV	MC	161
	LIT	KM	V2 31	CTV TV		153
MCS / BRO ▼	TR	RA5 50	C5 51 UW	CM	MCS	150
			NT	RRC	BRO	
MF / REI ▼	TR	S7 30	VI3 01	CTV	REI	155
MF	MTC		CII 31	DTM	MF	151
	MON	RX	UB C3 31	CM		150
MIR / TURN OVER ▼	TR	S8 21		MON	MIR	152
MKR / TURN OVER ▼	TR	S8 30		FS 2 2F9	MKR	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MLF / LOI ▼	TR	S7 23	VII 03 NO	CTV	LOI	155
				TCC	MLF	
MLF	MTC		CII 32	DTM		151
MLFA	MTC	UK	T4 54	DTM	MLFA	151
MOI	APTT ARET LV MTC ROTL ROTR TTR		TO 52	CM	MOI	150
			T4 52	DTM		151
MOA	CLVA ETSPD LV MTC		V2 34	CTV TV	MOA	153
			V4 04	ATV		161
MON	MON		B6 00	CM	MON	150
MOR / TURN OVER ▼	TR	S8 20		MON	MOR	152
MPP	MTC	RG	B2 43	CM	MPP	150
MRL / DCT NS ▼	TR	SA6 54	C4 53	CM	MRL	150
			C9 54	DTM		151
			NO	TCC		
			TXE/TXO 9 10T	MT	NS	28
	APTT ARET LV MTC ROTL ROTR TTR		NT	MT	DCT	
MRL						
MTO,I, 2,4,7 / MTO,I, 2,4,7 ▼	TR		RA0 40-44	C & C MT	MTO,I, 2,4,7	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MT1K	ETSPD MTC		TO(-) 30	CM	MT1K	150
			TO(0,1) 30	CM (MKR 0,1)	MT1K	150
MCO,1	CLVA	KD				
	ETSPD					
MT1K	APTT ROTL ROTR					
	ARET CLVA LV TTR APTT	OD	OJ			
MT7K	MTC ROTL ROTR		A5 11 OC	CM	MT7K	150
MT2K	APTT MTC ROTL ROTR TTR		TI 12	CM	MT2K	150
			T5 12	DTM		151
MT3K	MTC		T3 32	CM	MT3K	150
			T7 32	DTM		151
MT4K	ARET MTC	PD	C5 10	CM	MT4K	150
MT5	APTT MTC ROTL ROTR TTR		T3 33	CM	MT5	150
			T7 33	DTM		151
MT7	ARET MTC		T3 44	CM	MT7	150
			T7 44	DTM		151
MT8K	APTT ARET MTC ROTL ROTR TTR		T3 34	CM	MT8K	150
			T7 34	DTM		151
MT9K	APTT MTC ROTL ROTR TTR		T3 43	CM	MT9K	150
			T7 43	DTM		151

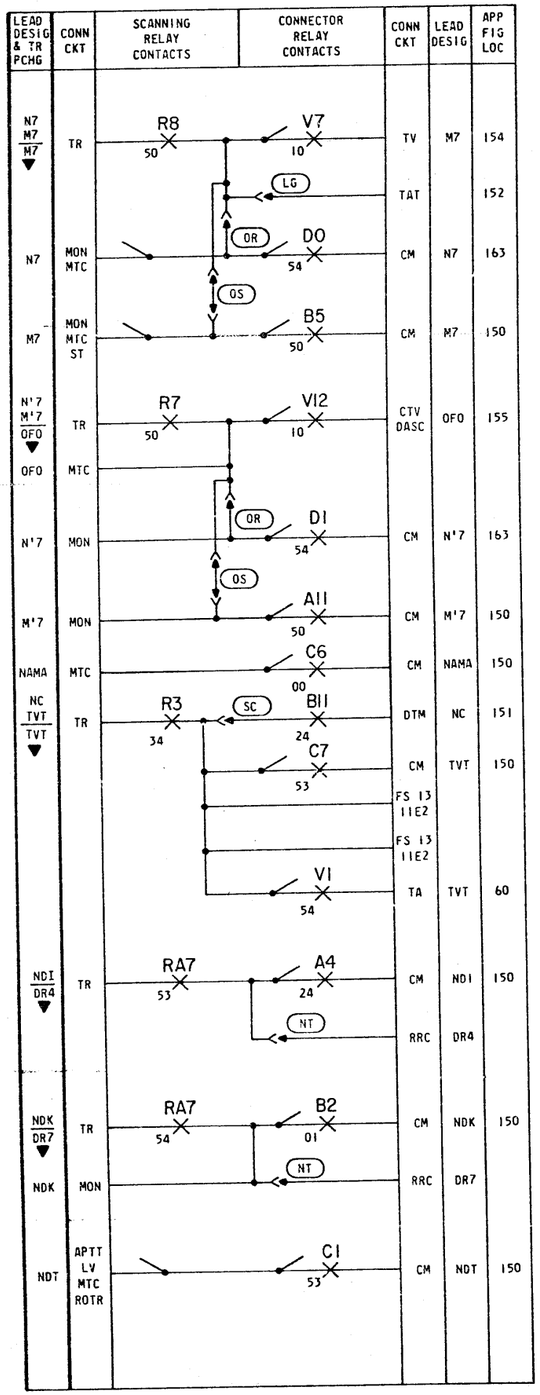
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MT10K	APTT ARET MTC ROTL ROTR TTR		TI 13	CM	MT10K	150
MT12	APTT MTC ROTL ROTR		TO 44	CM	MT12	150
				DAS		
MT38K	MTC	RW	B8 53	CM	MT38K	150
MT57	ROTL ROTR	NE	T3 21	CM	MT57	150
				DAS	KAMA	
MUO,I, 2,4,7 / MUO,I, 2,4,7 ▼	TR	RA0 50-54		C & C MT	MUO,I, 2,4,7	152
MXT XAB TNR TBL ▼	TR	SA6 34	RTEA/RTOA 24	AMAR	LP TBL LQ TNR	156
			WI 24 NX	CTV	TBL	153
				TV		
			RD A7 14	CM	XAB	150
			RE A7 14	CM	MXT	150
			AI7 31	DTM		151
			NO	TCC		
TBL	MTC		V9 12	CDTA	TBL	61

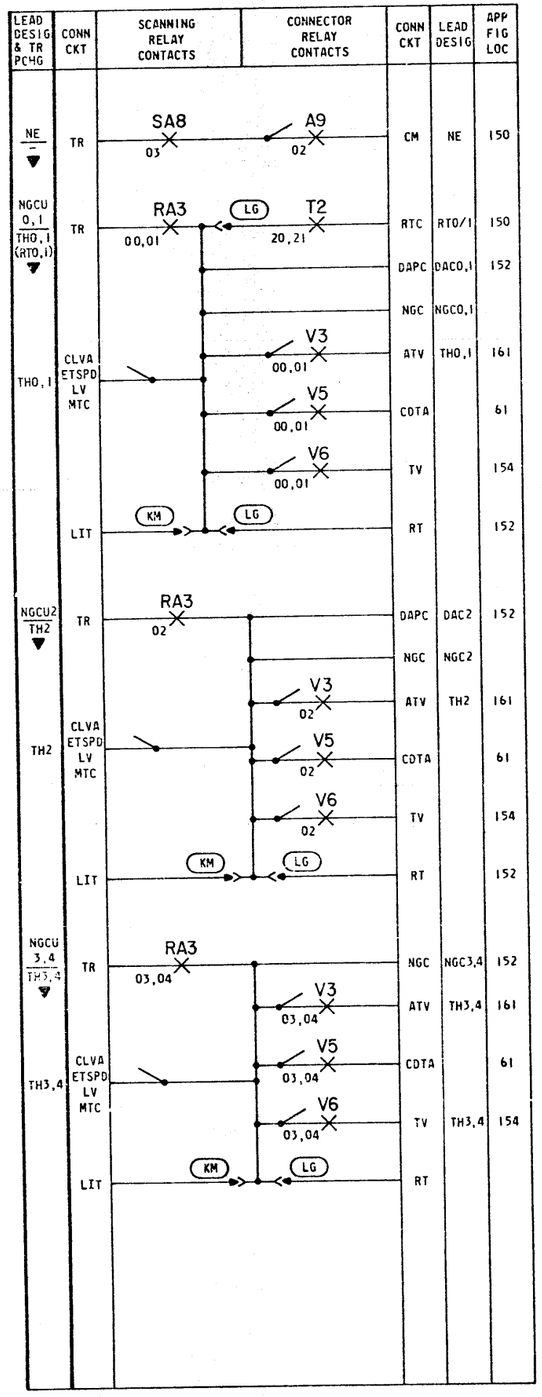
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		877

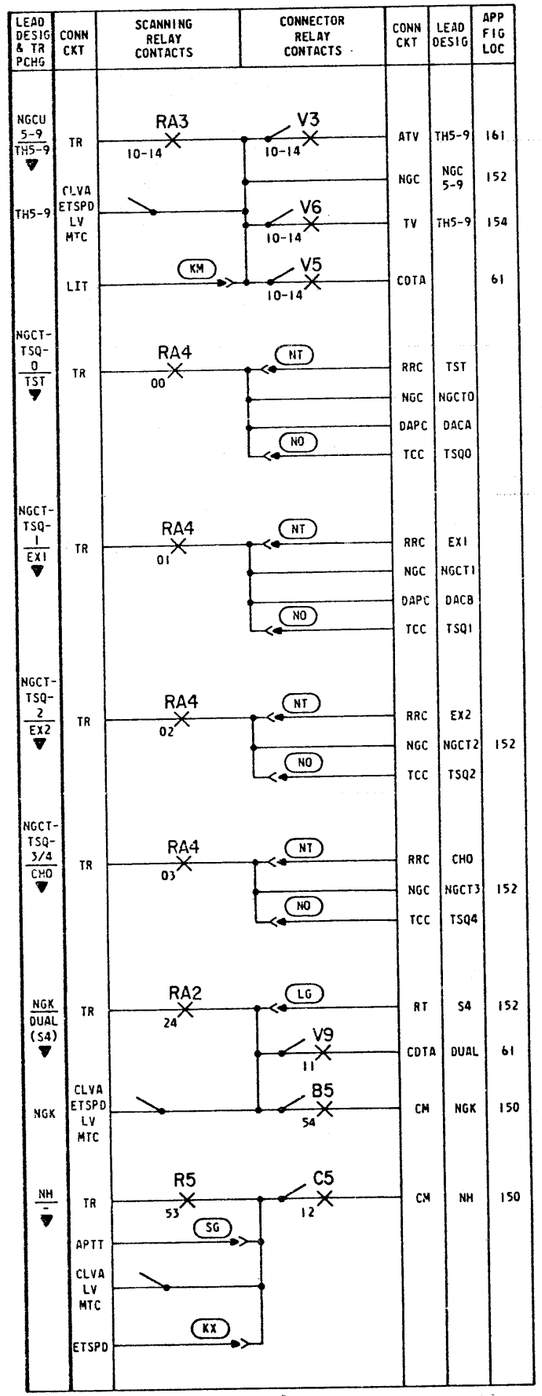
SD-25805-01-877

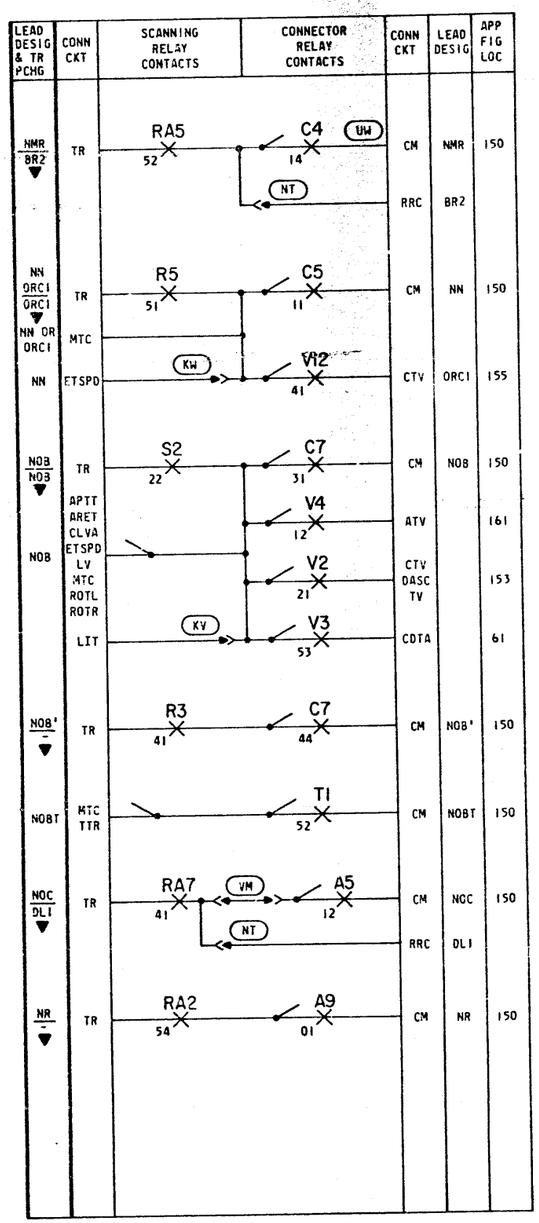
(WB) **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B78

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(W8) 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
NSI / DRA8	TR	S7 52	A4 23	CM	NSI	150
				FS 29 26A/B7	DRA	
NSO / DRA7	TR	S7 51	A4 22	CM	NSO	150
				FS 29 26A/B7	DRA	
NSP	TR	S3 43	(PS) B3 00	CM	NSP	150
NT ORCO / ORCO	TR	R5 50	C5 13	CM	NT	150
NT OR ORCO	MTC		VI2 40	CTV DASC	ORCO	155
NTCW	MTC		(OG) HO 13	CM	NTCW	198
NTH	ARET MTC		T0 20	CM	NTH	150
			T4 20	DTM		151
NTT	TR MTC	R4 53	C4 54	CM	NTT	150
NTVB	MTC		(OG) HO 14	CM	NTVB	198
OA / RST26	TR	S3 11	B7 13	CM	OA	150
			V4 31	TV	RST26	153
OA	APTT	(QW)	STC4 3 4T	MT		29
	LV MON MTC ROTR	(NJ)	STC5 3 4T	AMAR		29

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OB / RST27	TR	S3 12	B7 14	CM	OB	150
			V4 32	TV	RST27	153
OB	APTT	(QW)	STC4 5 6T	MT		29
	LV MON MTC ROTR	(NJ)	STC5 5 6T	AMAR		29
OBS / OBS	TR	S2 21	V3 54	CDTA	OBS	61
			C7 30	CM		150
			V2 22	CTV DASC TV		153
	MTC		V4 11	ATV		161
OBS'	TR	R3 40	C7 43	CM	OBS'	150
OBST	MTC		T1 51	CM	OBST	150
OCI	MTC		T4 22	DTM	OCI	151
OCN / TRU7 (CSU7)	TR	S4 54	C7 00	CM	OCN	150
			VI5 14	TV	TRU7	55
				BI		152
OCN	MTC			RT	CSU7	152
OD / RNTO / RNTO OD	TR	R3 20	VI3 03	CTV DASC	OD	155
ODT OR RNTO	LIT	(KV)	V9 20	TV	RNTO	154
	CLVA ETSPD LV MTC		B9 33	CM	OD	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OD' / RNT'O	TR	R3 22	B9 34	CM	OD'	150
OOD	MTC		DI 20	RPL	OOD	163
OFH / VG2	TR	RAI 30	VI 32	TA	VG2	60
			C2 53	CM	OFH	150
OP	MTC		DI 10	CM	OP	163
OPR / ARS	TR	R6 21	AII 52	CM	OPR	150
			(LQ) RTEA/RT0A 11	TC	ARS	156
OR / NTB	TR	S3 20	C6 03	CM	OR	150
	APTT ARET MTC ROTL ROTR TTR					
NTB	ARET					
	MON		(RX)			
ORC'1 / SKI	TR	R4 51	VI3 11	CTV DASC	SKI	155
				WC	TU4	152
SKI	MTC		B9 41	CM	ORC'1	150
ORC'2	TR	R4 52	B9 42	CM	ORC'2	150
				WC	TU7	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OSO / DTW	TR	R4 24	B3 10	CM	OSO	150
OSO	MTC			WC	LUO	152
	SSI	(OB)				
	AIS-SC	(PY)	(LI) V2 53	TV	DTW	153
OSI / W	TR	R4 30	B3 11	CM	OSI	150
OSI	MTC			WC	LUI	152
	SSI	(OB)				
	AIS-SC	(PY)	(LI) V3 20	TV	W	153
OS2 / SCH	TR	R4 31	B3 12	CM	OS2	150
OS2	MTC			WC	LU2	152
	SSI	(OB)				
	AIS-SC	(PY)	(LI) V3 22	TV	SCH	153
OS3 / SNC	TR	R4 32	B3 13	CM	OS3	150
OS3	MTC			WC	LU4	152
	AIS-SC	(OA)				
	SSI	(OB)	(LI) V2 50	TV	SNC	153
OS4 / AC	TR	R4 33	B3 14	CM	OS4	150
OS4	MTC			WC	LU7	152
	SSI	(OB)	(LI) V2 44	TV	AC	153

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 100B

BELL LABORATORIES | SD-25805-01- | B79

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(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
OSC	APTT MTC ROTL ROTR	T1 43		CM	OSC	150
OSE / XTKK	TR	SA7 40	C7 33	CM	OSE	150
			V3 14	CTV TV	XTKK	153
OSGO / CLF	TR	R4 00	JC	BDT	CLF	
	ETSPD MTC					
	LV	TA	B3 20	CM	OSGO	150
	SSI	OB				
	RRC	NR		WC	FTO	152
OSG1,2 / ENCO,1	TR	R4 01,02	JC	BDT	ENCO,1	
	ETSPD MTC					
	LV	TA	B3 21,22	CM	OSG1,2	150
	SSI	OB				
	RRC	NR		WC	FTI, FUO	152
OSG3,4 / -	TR	R4 03,04	B3 23,24	CM	OSG3,4	150
	ETSPD MTC					
	LV	TA				
	SSI	OB				
	RRC	NR		WC	FUI,2	150
OSG5 / -	TR	R4 10	B6 10	CM	OSG5	150
	ETSPD MTC					
	LV	TA				
	SSI	OB				
				WC	FU4	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	AFP FIG LOC
OSG 6-9 / -	TR	R4 11-14	B6 11-14	CM	OSG 6-9	150
	ETSPD MTC					
	LV	TA				
	SSI	OB		WC	FU7, GRPO,1	152
OSG 10,11 / -	TR	R4 20,21	B9 23,24	CM	OSG 10,11	150
	ETSPD MTC					
	LV	TA				
	SSI	OB		WC	LTI,2	152
OSK / XTP XP1	TR	SA7 41	C7 34	CM	OSK	150
OSK	MTC		RTEA/RTOA 03	AMAR/ TC	XP1 (LP) XTP (LQ)	156
OST2 / XUI	TR	SA7 43	A4 12	CM	OST2	150
			RTEA/RTOA 42	AMAR/ TC	XUI	156
OTT / DRI	TR	RA7 51	CI 54	CM	OTT	150
OTT	ROTR	KU	NO	TCC		
	APTT MTC		NT	RRC	DRI	
OV / VGO	TR	RAI 23	VI 30	TA	VGO	60
OV	INTF ROTR					
	APTT	JE	C2 51	CM	OV	150
OVK	MTC	UN	TO 11	CM	OVK	150
OVFO	MTC		DI 21	RPL	OVFO	163

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OVFI	MTC		DI 22	RPL	OVFI	163
PO-4 / CLO,1, 2,4,7	TR	RA6 40-44	NO	TCC	PO-4	
			A2 50-54	CM		150
			AI4 50-54	DTM		151
			NT	RRC	CLO,1, 2,4,7	151
P5-9 / CRO,1, 2,4,7	TR	RA6 50-54	NO	TCC	P5-9	
			A3 50-54	CM		150
			AI5 50-54	DTM		151
			NT	RRC	CRO,1, 2,4,7	
PA / CRT	TR	RA6 31	NO	TCC	PA	
			A3 41	CM		150
			AI5 41	DTM		151
			NT	RRC	CRT	
PA	MTC		WI 52 NX	CTV TV	PA	153
PAN / SA	TR	RA4 14	NT	RRC	SA	
PAN	ETSPD LV MTC		EO 03	CM	PAN	164
PB / ETM	TR	RA6 32	NT	RRC	ETM	
			A3 42	CM	PB	150
			AI5 42	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PBN / FT4	TR	RAI 04	VO 24	TA	FT4	60
			A9 50	CM	PBN	150
PBX	MTC	QA	T2 03	CM	PBX	150
PBXI / SPUO	TR	RA2 40	V8 50	CDTA	SPUO	61
			C7 04	CM	PBXI	150
PC / SP	TR	RA6 33	NT	RRC	SP	
			A3 43	CM	PC	150
			AI5 43	DTM		151
PCD / RGI	TR	S3 31		BI CTV	RGI	152
		5B	(157) TCA 4			
PCD	MON MTC ROTR TTR		B3 43	CM	PCD	150
	APTT	QW				
	LV	QZ				
PCD1 / RG2	TR	S3 32		BI CTV	RG2	152
		4T	(157) TCA 3			
PCD1	MON MTC ROTR TTR		B3 44	CM	PCD1	150
	APTT	QW				
	LV	QZ				

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 880

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(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
PCR / RGO	TR	S3 30	6T (157) 5 TCA	BI CTV	RGO	152
PCR	APTT	(VQ)	B3 42	CM	PCR	150
	MON MTC ROTR TTR					
	LV	(QZ)				
PD	TR	S2 01	B5 52	CM	PD	150
	MON MTC					
PDK	MTC	(TT)	T2 11	CM	PDK	150
PE / WTL	TR	RA6 34	B8 30	CM	PE	150
			BI2 30	DTM		151
			(NT)	RRC	WTL	
PERF 0,1,2 / PERF 0,1,2	TR	RA1 52-54		FS 2 266	PERF 0,1,2	
PHC / RST28	TR	S3 13	B3 40	CM	PHC	150
			V4 33	TV	RST28	153
PHC	APTT	(QW)	STC4 7 8T	MT		29
	MON MTC	(NJ)	STC5 7 8T	AMAR		29
PK	TR	S2 02	B5 53	CM	PK	150
	APTT ARET MON MTC ROTL ROTR TTR	(NO)		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PLL	MTC	(RG)	B2 42	CM	PLL	150
PN / FTI	TR	RAI 01	VO 21	TA	FTI	60
PN	ETSPD		A9 44	CM	PN	150
PNR	TR	RA6 30	A3 44	CM	PNR	150
			AI5 44	DTM		151
			(NO)	TCC		
POTS / MTRA	TR	RA4 12	(NT)	RRC	MTRA	
			E0 00	CM	POTS	57
POTS	CLVA ETSPD LV MTC TTR		E0 00	CM	POTS	164
PR / RB4 (DAC)	TR	RA7 23	(LG)	RT	DAC	152
			AI 53	CM	PR	150
			AI3 53	DTM		151
			(NT)	RRC	RB4	
PRLT	MTC		VI2 53	CTV DASC	PRLT	155
PRR FLG / DRA5	TR	S7 44	(NO)	TCC	PRR	
FLG	CLVA	(KD)	CI 34	CM	FLG	150
	ETSPD			FS 29 26A/B7	DRA	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PS / RNT2	TR	S2 00	B5 51	CM	PS	150
			(NO)	TCC		
PS	MON MTC		(NJ) V4 40	TV	RNT2	153
PSI	TR	AB3 10	(LD) A7 32	CM	PSI	150
	MTC					
PTK	TR	RA2 34	C3 51	CM	PTK	150
	CLVA ETSPD LV					
PTN / FTO	TR	RAI 00	VO 20	TA	FTO	60
PTN	ETSPD		A8 51	CM	PTN	150
PUL / VG3	TR	RAI 31	VI 33	TA	VG3	60
			A8 44	CM	PUL	150
R	MTC		(SC,SL) B8 43	CM	R	150
RA	TR	S6 21	CIO 44	DTM	RA	151
			C2 44	CM		150
	APTT INTF MTC ROTL ROTR TTR		(NO)	TCC		
RBT	APTT ARET MTC ROTL ROTR TTR		TO 54	CM	RBT	150
RBTI	APTT ARET MTC ROTL ROTR TTR		C5 44	CM	RBTI	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RC	APTT	(SG)	TO 12	CM	RC	150
	LV MTC ROTR		T4 12	DTM		151
RCK2	TR	RAI 43	C3 53	CM	RCK2	150
RCK3	TR	RAI 44	A5 13	CM	RCK3	150
RCT	APTT LV MTC ROTL ROTR		TO 43	CM	RCT	150
RCTI / RCDI PRL	TR	SA3 30	C4 31	CM	RCTI	150
				BI CTV	PRL	152
RCTI	APTT ETSPD LV MTC		V8 33	CDTA	RCDI	61
RCT2 / NRDO 2L	TR	SA3 31	(PV) V8 53	TV	2L	154
				BI CTV	2L	152
			V8 34	CDTA	NRDO	61
RCT2	LV MTC		C4 32	CM	RCT2	150
RCT3 / NRDI 4L	TR	SA3 32		BI CTV	4L	152
			(PV) V8 54	TV	4L	154
			C4 33	CM	RCT3	150
RCT3	LV MTC		V8 40	CDTA	NRDI	61

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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(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
RCT4 / CK	TR	SA3 33		BI	CK	152
RCT4	LV MTC		C4 34	CM	RCT4	150
RCT5 / ABX	TR	SA3 34		BI	ABX	152
RCT5	LV MTC		C5 30	CM	RCT5	150
RCT6 / VTC	TR	SA3 40		BI	VTC	152
RCT6	LV MTC		C5 31	CM	RCT6	150
RCT7 / TC	TR	SA3 41		BI	TC	
RCT7	LV MTC		C5 32	CM	RCT7	150
RCT8 / ROP1	TR	SA3 42		BI	ROP1	152
RCT8	LV MTC		C5 33	CM	RCT8	150
RCT9 / RSG1	TR	SA3 43		BI	RSG1	152
RCT9	LV MTC		C5 34	CM	RCT9	150
RCT 10,11 / RSG2,3	TR	SA3 44,50		BI	RSG2,3	152
RCT 10,11	LV MTC		C4 40,41	CM	RCT 10,11	150
RCT10	ROTL ROTR					
RCT12 / OTK	TR	SA3 51		BI	OTK	152
RCT12	LV MTC		C4 42	CM	RCT12	150
RCT13 / TTK	TR	SA3 52		BI	TTK	152
RCT13	LV MTC		C4 43	CM	RCT13	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCT14 / MBK	TR	SA3 53		BI	MBK	152
RCT14	LV MTC		C4 44	CM	RCT14	150
RCT15 / SLU	TR	SA3 54	C5 40	CM	RCT15	150
RCT15	LV MTC		V9 24	CDTA	SLU	61
RCY / -	TR	S6 20 NO		TCC	RCY	
			A5 33	CM		150
	INTF		AI7 51	DTM		151
	MTC	KH	I51 T5 41 RI,KF			
RDL	MTC		WI 44 NX	CTV	RDL	153
				TV		
RDR / ETMO	TR	RA4 30	SL E2 20 NT	CM	RDR	164
				RRC	ETMO	
RDS / ERTO	TR	RA4 31	SL E2 21 NT	CM	RDS	164
				RRC	ERTO	
RE	MTC	UN	T0 22	CM	RE	150
RF / RD4	TR	RA7 30	NT	FS 28 25F4	RFA	
				RRC	RD4	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RF	FS 28 25F9		AI 50	CM	RF	150
	INTF		AI3 50	DTM		151
RG	MTC		DI 43	CM	RG	163
RG20-23 TRTO, 1,2,4 (CSTO, 1,2,4)	TR	S4 40-43	VI5 00-03	TV	TRTO, 1,2,4	55
			LG	RT	CSTO, 1,2,4	152
			RGC2 3-9 48-108	BI	TRTO, 1,2,4	
				PRTC-ORP	RG20-23	35
RH L5D / L5D	TR	R3 30	C7 51	CM	L5D	150
L5D	MTC					
RH	SSI	OB	V7 23	TV		154
RI / FU4	TR	RAI 20	B3 03	CM	RI	150
RI	CLVA ETSPD LV MTC		VO 44	TA	FU4	60
RIK XTB / P	TR	SA6 13	LP RTEA/RTOA 50	AMAR	P	156
			WI 50 NX	CTV		153
				TV		
P	MTC		V3 50	ATV		161
			SM A6 12	CM	XTB	150
RIK	MON MTC		SL E2 34	TRMC-MP	RIK	164
RIP / S8	TR	RA4 20 TO	UZ E0 04 UZ TO B9 22 NT	CM	RIP	164
RIP	ETSPD LV MTC			RRC	SB	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RK / XRE	TR	SA8 51	A5 00	CM	RK	150
			AI6 53	DTM		151
			NO	TCC		
			LO V7 12	TV	XRE	154
RKI / ORK	TR	SA8 24	AI4 21	DTM	RKI	151
			A2 21	CM	ORK	150
			NO	TCC		
RK2	TR	SA8 30	NO	TCC	RK2	150
			A2 22	CM		150
			AI4 22	DTM		151
RK3 / XS	TR	SA8 44	NO	TCC	RK3	150
			A2 23	CM		150
			AI4 23	DTM		151
			VI4 03	CTV	XS	155
			LO V6 31	TV		154

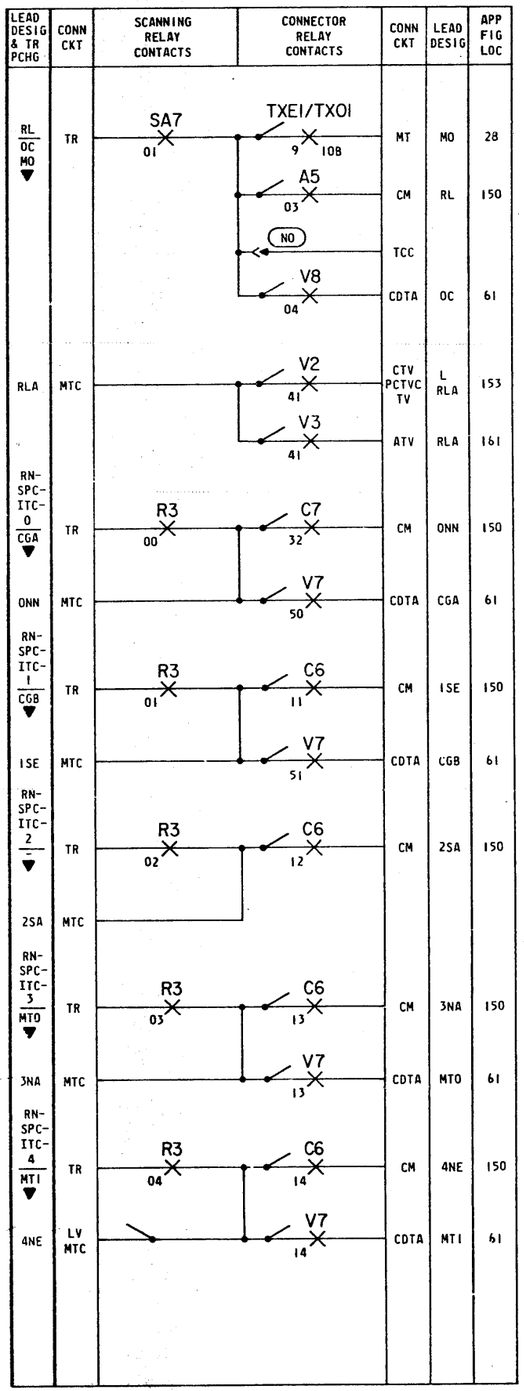
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		882

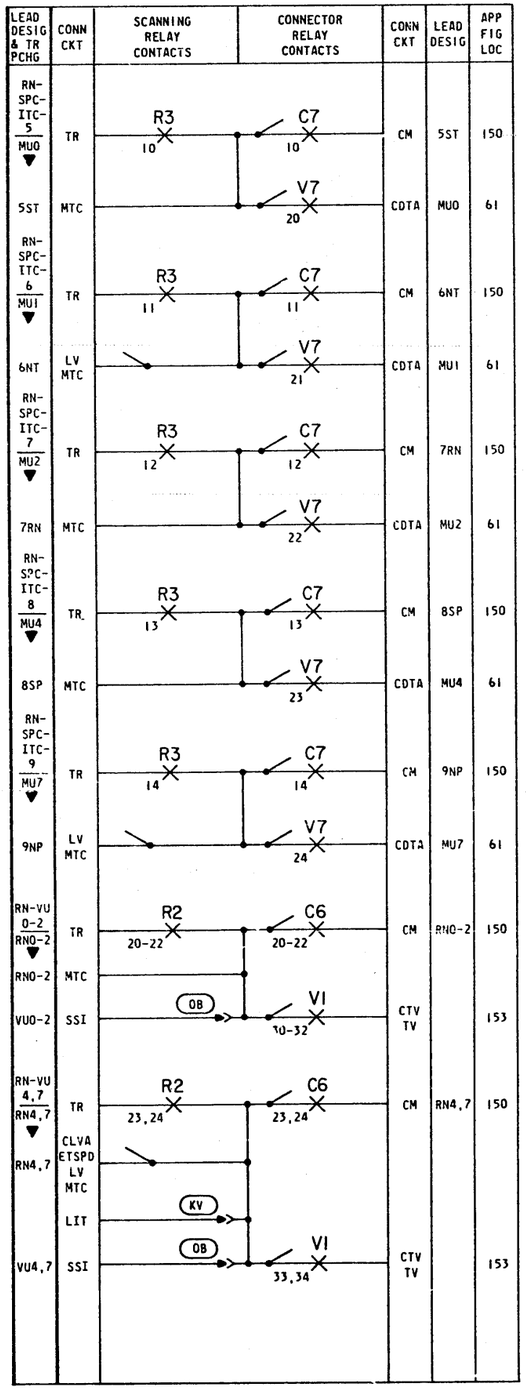
SD-25805-01-882

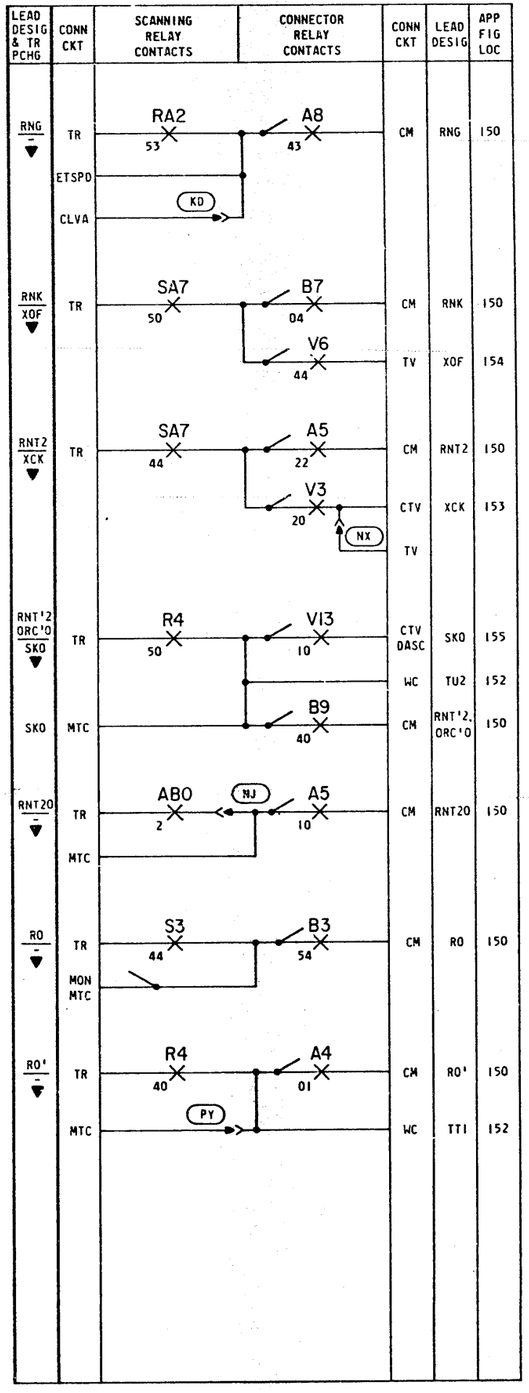
E-7481 (6-71) PRINTED IN U.S.A.

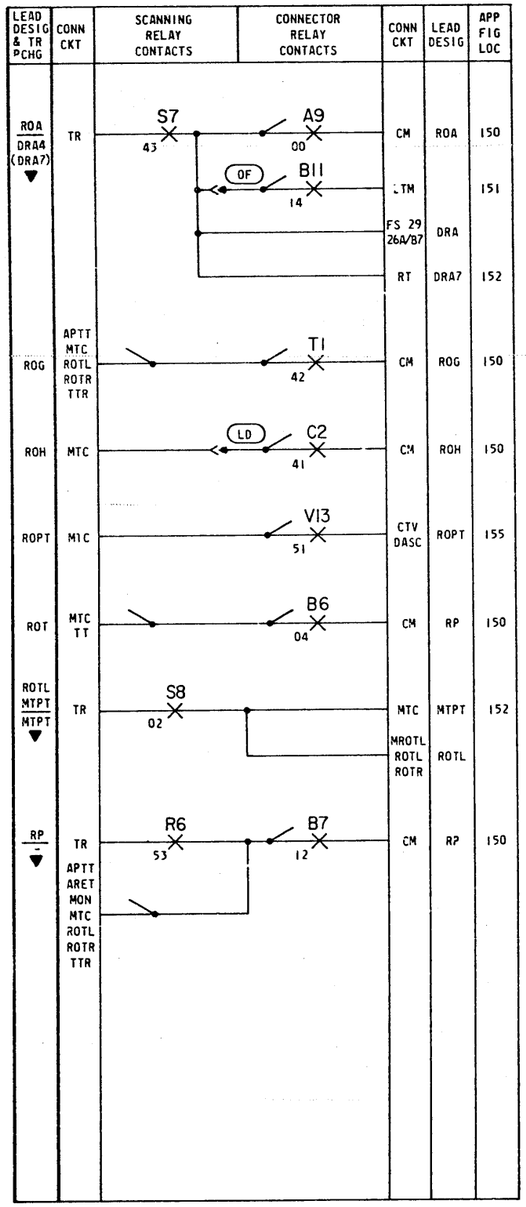
(WB) **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 99A
BELL LABORATORIES	SD-25805-01-	883

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(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
RP-RA 0 / TIA0	TR	S6 03 NO		TCC	RA0	
				TRC	RP0	152
		VI3 33		CTV	TIA0	155
RP-RA 1 / TIA1	TR	S6 04 NO		TCC	RA1	
				TRC	RP1	152
		VI3 34		CTV	TIA1	155
RP-RA 2 / TIA2	TR	S6 10 NO		TCC	RA2	
				TRC	RP2	152
		VI3 40		CTV	TIA2	155
RP-RA 3 / TIA3	TR	S6 11 NO		TCC	RA3	
				TRC	RP3	152
		VI3 41		CTV	TIA3	155
RP-RA 4 / -	TR	S6 12 NO		TCC	RA4	
				TRC	RP4	152
RPAB 4W	TR	S6 01		TRC	RPAB	152
4WT	CLVA ETSPD LV MTC	V6 40 LN		TV	4W	154
RPB 2W	TR	S6 00 UI		TRC	RPB	152
2WT	CLVA ETSPD LV MTC LIT	KV UI V6 34 LN		TV	2W	154
RPK / -	TR	R6 54	A11 53	CM	RPK	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RPSA TTT	TR	S6 02 TM V3 54		TRC	RPSA	152
				ATV TV	TTT	153
RR PRCY / -	TR	S6 22	C6 53 NO	CM	PRCY	150
	INTF			TCC	RR	
RS-TP 0 / WSF	TR	RA5 30 NT		RRC	WSF	
	APTT	SG		TCC	TP0	
RSO	ETSPD MTC ROTR					
	LV	RQ	C4 20	CM	RSO	150
RS-TP 1 / CTBL	TR	RA5 31 NT		RRC	CTBL	
	APTT	SG		TCC	TP1	
RS1	ETSPD MTC ROTR					
	LV	RQ	C4 21	CM	RS1	150
RS-TP 2 / LCPT	TR	RA5 32	C4 22 NO	CM	RS2	150
				TCC	TP2	
RS2	MTC		NT	RRC	LCPT	
RS-TP 3 / ECT	TR	RA5 33	C4 23 NO	CM	RS3	150
				TCC	TP3	
RS3	MTC		NT	RRC	ECT	
RS-TP 4 / -	TR	RA5 34	C4 24 NT	CM	RS4	150
RS4	MTC			TCC	TP4	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RS5-8 BL0,1,2,4 / RS5-8	TR	RA5 40-43	C5 20-23 NT	CM	RS5-8	150
	MTC			RRC	BL0,1,2,4	
RS9 / BL7	TR	RA5 44	C5 24	CM	RS9	150
RS9	MTC					
	LV	RQ	NT	RRC	BL7	
RSC / XICK	TR	SA7 23	A4 10	CM	RSC	150
			V3 11	CTV TV	XICK	153
RSK / OVG	TR	RAI 34	V0 33	TA	OVG	60
RSK	APTT	SG				
	ETSPD LV MTC ROTR		C4 30	CM	RSK	150
RT	MTC		D1 44	CM	RT	163
RTO-4 / -	TR	R6 33,34,40-42	NO	JLK	RTO-4	152
				TCC	RTO-3	
RTO	MTC	UK	T4 33	DTM	RTO	151
RT1	MTC	UK	T4 43	DTM	RT1	151
RT2	MTC	UK	T4 44	DTM	RT2	151
RT3	MTC	UK	T4 50	DTM	RT3	151
RTC	MTC	OY	T2 22	CM	RTC	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RV / DRAI	TR	S7 40	A11 54	CM	RV	150
				FS 29 264/87	DRA	
			LG	RT	DRAI	152
RVI / -	TR	R4 44	PQ A5 20	CM	RVI	150
	MTC					
	RQTR	KQ				
RYK / DNK	TR	SA5 13	SL E2 32	CM	RYK	164
DNK RYK	LIT	JL	V4 32	ATV	DNK	161
DNK	MTC	NT	V8 43	TV		154
SO-14 / SO-14	TR	R5 14,20-24,30-34,40-43		ATVC	SO-9	152
				CTVC OS OSC-SP TVC	SO-14	152
				LIT	SI-9	152
SO-9	CLVA ETSPD LV MTC ROTR APTT	SG	T1 20-24,30-34	CM	SO-9	150
(SO,1) / -	TR	RA2 20,21	LG	RT	SO,1	152

MASTER TEST FRAME CONNECTOR CKT

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TABLE 1A (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
SAE	TR	RA2 51	A9 52	CM	SAE	150
SB	APTT MTC ROTL ROTR TTR		T0 50	CM	SB	150
SBT	APTT MTC ROTR TTR		T0 33	CM	SBT	150
SC / SC	TR	R3 33	VI 53	TA	SC	60
			C7 54	CM		150
			V2 23	CTV TV		153
			VI 53	ATV		161
SCB / DRA6	TR	S7 50	C5 02	CM	SCB	150
				FS 29 26A/B7	DRA	
SCB	MTC		NO	TCC	SCB	
SCK	TR	S2 10 TP	B7 02	CM	SCK	150
SCN	TR	S2 04	B7 01	CM	SCN	150
	MON MTC					
SCT	MON		B2 00 P			

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SDG / LT / RST20	TR	S3 00	V9 40	CDTA	LT	61
		FIRST, SECOND AND THIRD FIG 37 ONLY				
			PC0 12T 11	PRT		37
		NJ	V4 20	TV	RST20	153
			STC4 1 28	MT		29
			STC5 1 28	AMAR		29
		NO		TCC	SDG	
SDT / TM2 / TM3T	TR	S7 03	C4 03	CM	SDT	150
			CII 52	DTM		151
		NO		TCC		
			VI 51	ATV	TM2	161
			VI 41	CTV TV	TM2 TM3T	153
			V9 52	CDTA	TM2	61
SEF	TR	RA7 32		FS 28 2582	SEF	152
SEF	FS 28 2582		B8 23	CM	SEF	150
	INTF	NM	BI2 23	DTM		151
		NN				
			AI6 51	DTM		151
SF / RA4 (BE)	TR	RA7 22	AI 52	CM	SF	150
			AI3 52	DTM		151
		LH		RT	BE	152
		NT		RRC	RA4	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SG	AIS-SC	PY	A8 00			
SIA	MTC		TI 10	CM	SIA	150
SIB	MTC		TI 11	CM	SIB	150
SL /	TR	SA7 11	TJ,TK	FS 28 25H5	SLA	
			NO	TCC	SL	
SL	FS 28 25H5	TJ,TK	CI 51	CM	SL	150
			C9 51	DTM		151
SLCK / SPUI	TR	RA2 41	C6 10	CM	SLCK	150
SLCK	MTC		V8 51	CDTA	SPUI	61
SLK1 / XRD / X2P	TR	SA7 51	A4 13	CM	SLK1	150
			V3 21	CTV	NX X2P	153
				TV	LI XRD	
SLK2 / XVF	TR	SA7 52	A4 14	CM	SLK2	150
			VI 52	ATV	XVF	161
			V6 43	TV		154
			VO 53	TA		60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SNK /	TR	SA8 14	NO	TCC	SNK	
			A5 32	CM		150
			AI7 50	DTM		151
SNR / ALN / LOO	TR	S6 23	VII 02	CTI	LOO	155
		NO		TCC	SNR	
		SC	B8 33	CM	ALN	150
SOG / DRTO (DRATO)	TR	S7 32	A8 02	CM	SOG	150
				FS 29 26A/B6	DRTO	
		LT		RT	DRATO	
SON / DRA9	TR	S7 53	C6 40	CM	SON	150
SON	CLVA ETSPD			FS 29 26A/B7	DRA	
SPC / TRT7 (CST7)	TR	S4 44 PS	B3 01	CM	SMP	150
				BI	TRT7	152
		LG		RT	CST7	152
		VI5 04		TV	TRT7	55

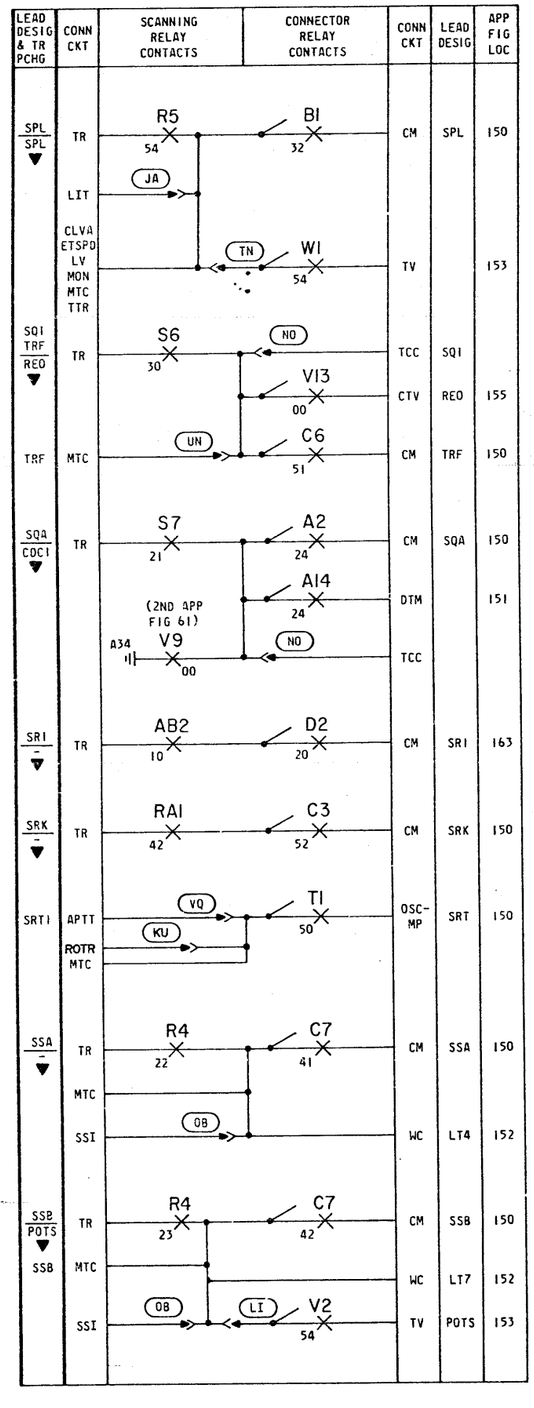
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B85

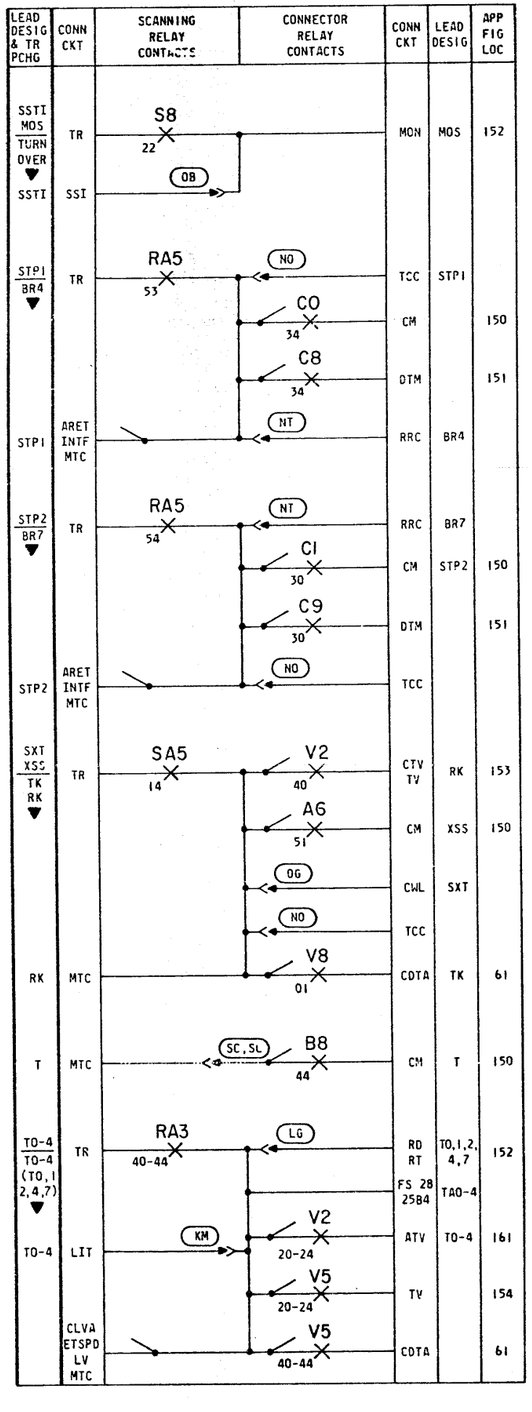
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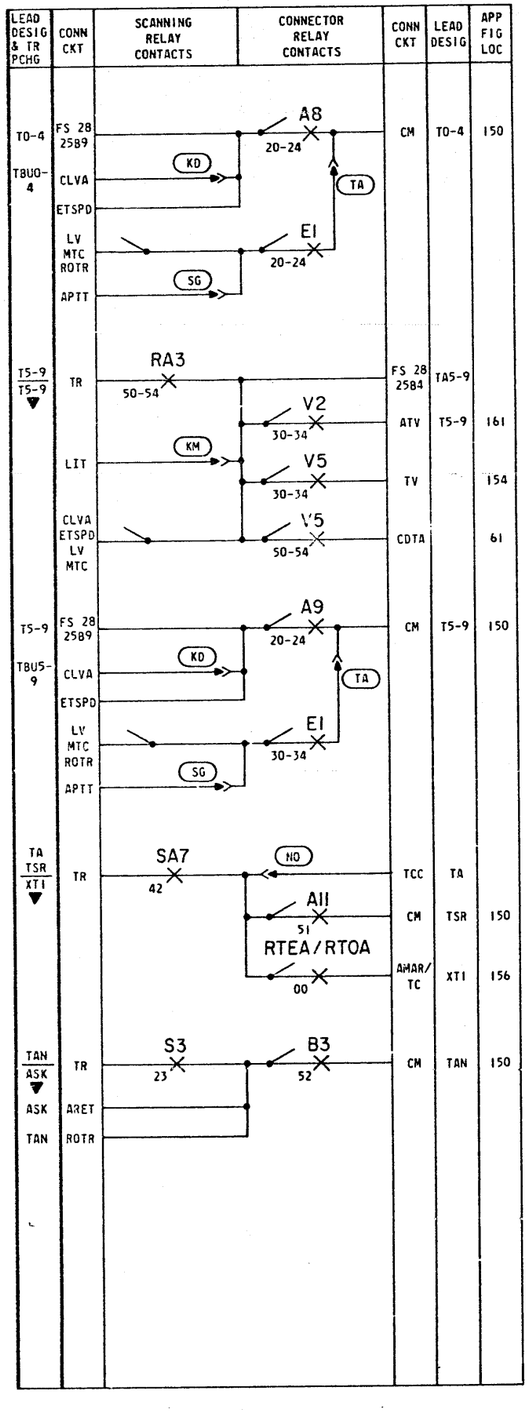
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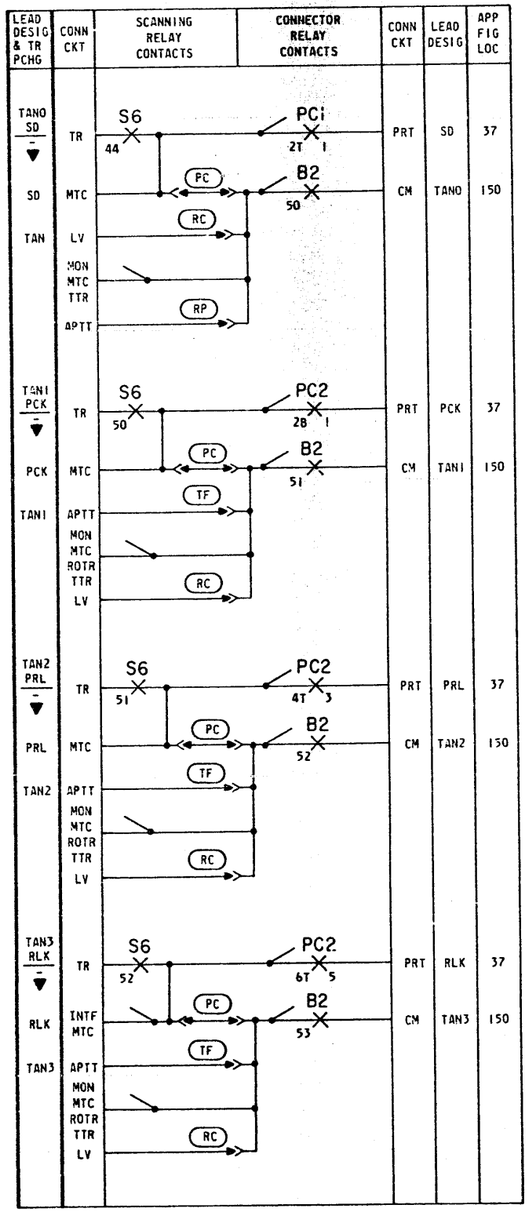
(WB) TABLE IA (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)









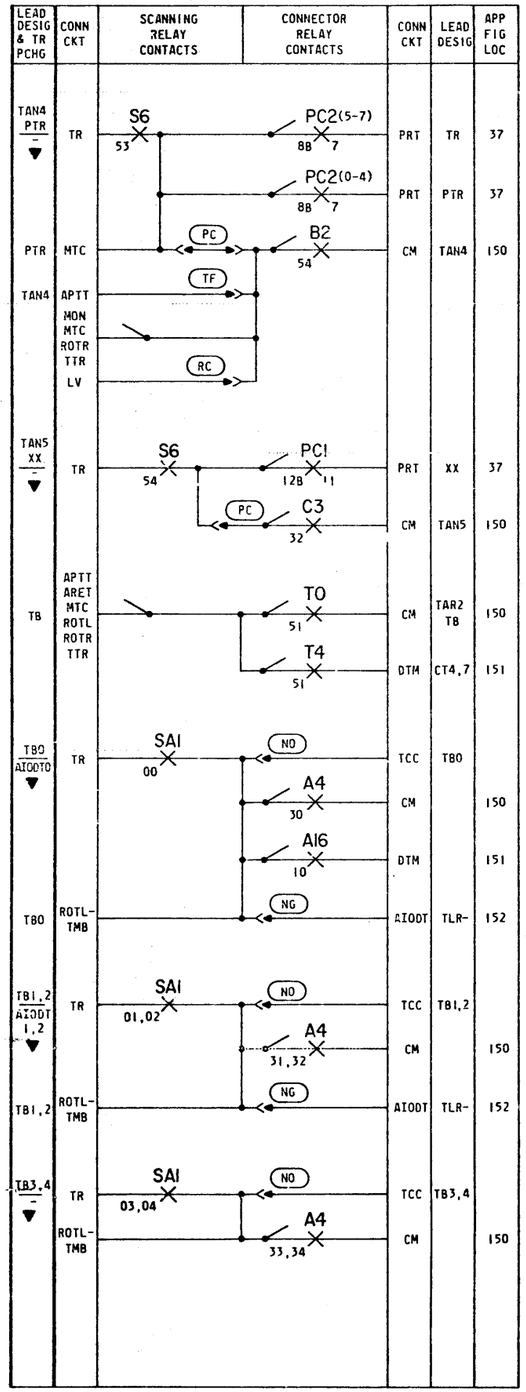
MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-	B86

SD-25805-01-B86

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(WB) **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

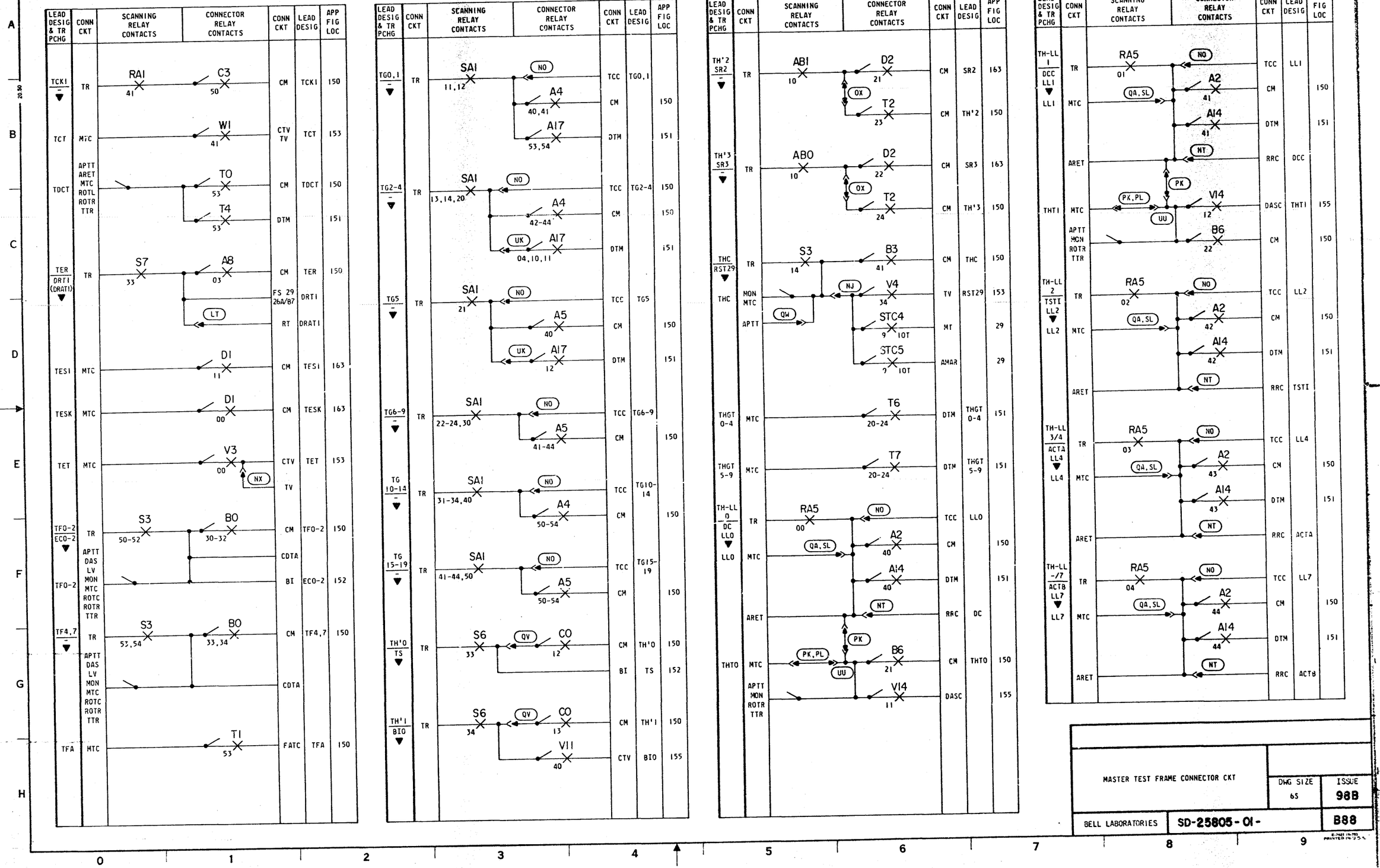
ISSUE 102A

BELL LABORATORIES | SD-23805-01- | 887

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(WB) **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)

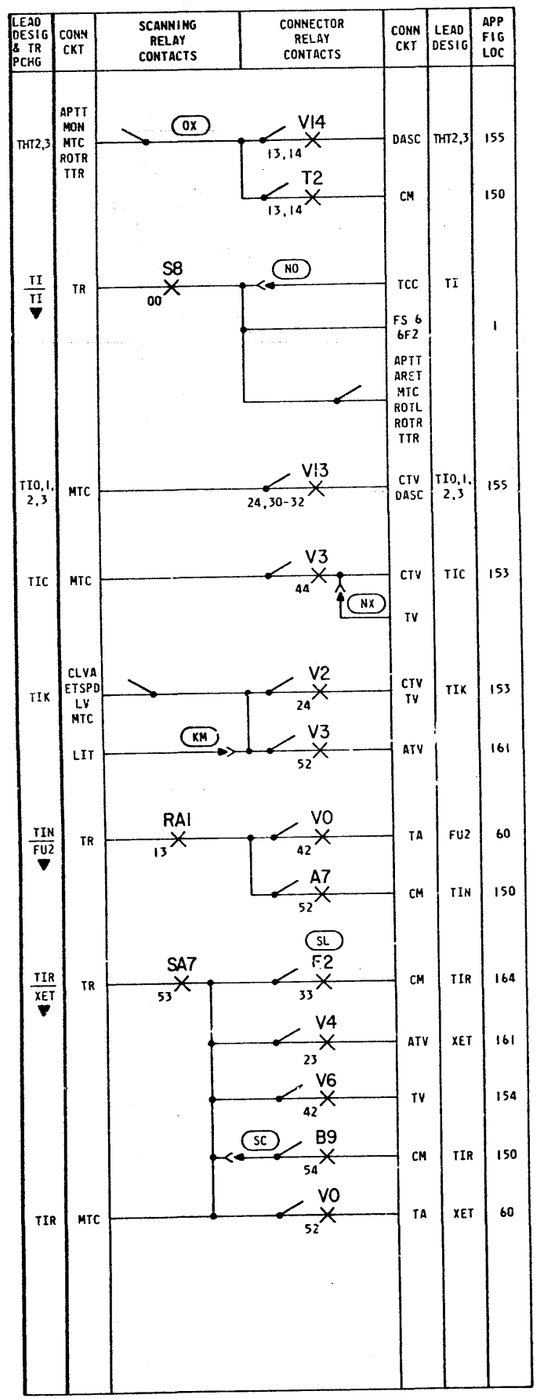


MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S / ISSUE 98B
BELL LABORATORIES	SD-25805-01- / B88

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(WB) **TABLE IA** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		889

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(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
TOSO-4	MTC		T1 00-04	CM	TOSO-4	150
TP	TR	R6 51 (KU)	B7 11	CM	TP	150
	ROTR APTT MON MTC					
TP'	TR	R6 52	C1 52	CM	TP'	150
	LV MTC	(SG)				
	APTT ROTR					
TRI	MTC		T0 21	CM	TRI	150
			T4 21	DTM		151
TRA	CLVA ETSPD LV MTC		V4 10	ATV	TRA	161
			V2 33	CTV PCTVC TV		153
TRL TRL SC	TR	SA6 52	C2 42	CM	TRL	150
			C10 42	DTM		151
			(NO)	TCC		
			TXE/TXO 1 28	MT	SC	28
TRL	APTT ARET CLVA ETSPD INTF LV MTC ROTL ROTR TTR	(NT)		MT	TRL	
TRL1	APTT MTC ROTL ROTR TTR		T0 23	CM	TRL1	150
TRL2	APTT MTC ROTL ROTR TTR		C5 43	CM	TRL2	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TRN	TR	SA8 04	A9 03	CM	TRN	150
TRR	LV MTC		T0 24	CM	TRR	150
			T4 23	DTM		151
TRS TRS	TR	S7 10	(NO)	TCC	TRS	
			C2 40	CM		150
			C10 40	DTM		151
			PC2 68 5	PRT		37
			V3 51	CTV DAS DASC TV		153
	MTC		V4 02	ATV DAS		161
TRT	MTC		T0 03	CM	TRT	150
			T4 03	DTM		151
TSO-3 OFFO-3 (CFO-3)	TR	RA8 00-03	V4 30-33	CDTA	OFFO-3	61
OFFO-3	LIT	(KM)	(LG)	RT	CFO-3	152
			V6 20-23	TV	OFFO-3	154
	CLVA ETSPD LV MTC		V1 20-23	ATV		161
			A2 00-03	CM	TSO-3	150
TSO-3	LIT		A14 00-03	DTM		151
	TT	(LE)				
	APTT	(LB)	(NO)	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TS4 OFF4 (CF4)	TR	RA8 04	(LG)	RT	CF4	152
			V6 24	TV	OFF4	154
OFF4	LIT	(KM)	V1 24	ATV		161
			A2 04	CM	TS4	150
	CLVA ETSPD LV MTC		A14 04	DTM		151
			(NO)	TCC		
TS4	TT	(LE)	V4 34	CDTA	OFF4	61
TS5 OFF5	TR	RA8 10	V6 30	TV	OFF5	154
OFF5	LIT	(KM)	V1 30	ATV		161
			A3 00	CM	TS5	150
	CLVA ETSPD LV MTC		A15 00	DTM		151
		(LE)	(NO)	TCC		
TS5	TT					
	APTT	(LB)	V4 40	CDTA	OFF5	61
TS6-9 OFF6-9	TR	RA8 11-14	(NO)	TCC	TS6-9	
		(LE)	A3 01-04	CM		150
TS6-9	TT					
	APTT	(LB)	A15 01-04	DTM		151
OFF6-9		(KM)	V9 31-34	TV	OFF6-9	154
	LIT		V1 10-13	ATV		161
	CLVA LV	(UQ)				
	ETSPD MTC		V4 41-44	CDTA		61

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	(NO)	TCC	TSIO-12	
			A2 10-12	CM		150
TSIO-12	APTT	(LB)				
		(LE)	V9 40-42	TV	OFTO-2	154
	TT					
OFTO-2	LIT	(KM)	V4 50-52	CDTA		61
	CLVA LV ETSPD MTC	(UR)	V3 20-22	ATV		161
TS13, 14 OITO,1	TR	RA8 23,24	A2 13,14	CM	TS13, 14	150
			(NO)	TCC		
TS13, 14	TT	(LE)				
	APTT	(LB)	(UR)	CTV BI	OITO,1	152
TS15 OIT2	TR	RA8 30	A3 10	CM	TS15	150
			(NO)	TCC		
TS15	TT	(LE)				
	APTT	(LB)	(UR)	CTV BI	OIT2	150
TS 16-19	TR	RA8 31-34	A3 11-14	CM	TS16-19	150
	APTT	(LB)				
	TT	(LE)	(NO)	TCC		

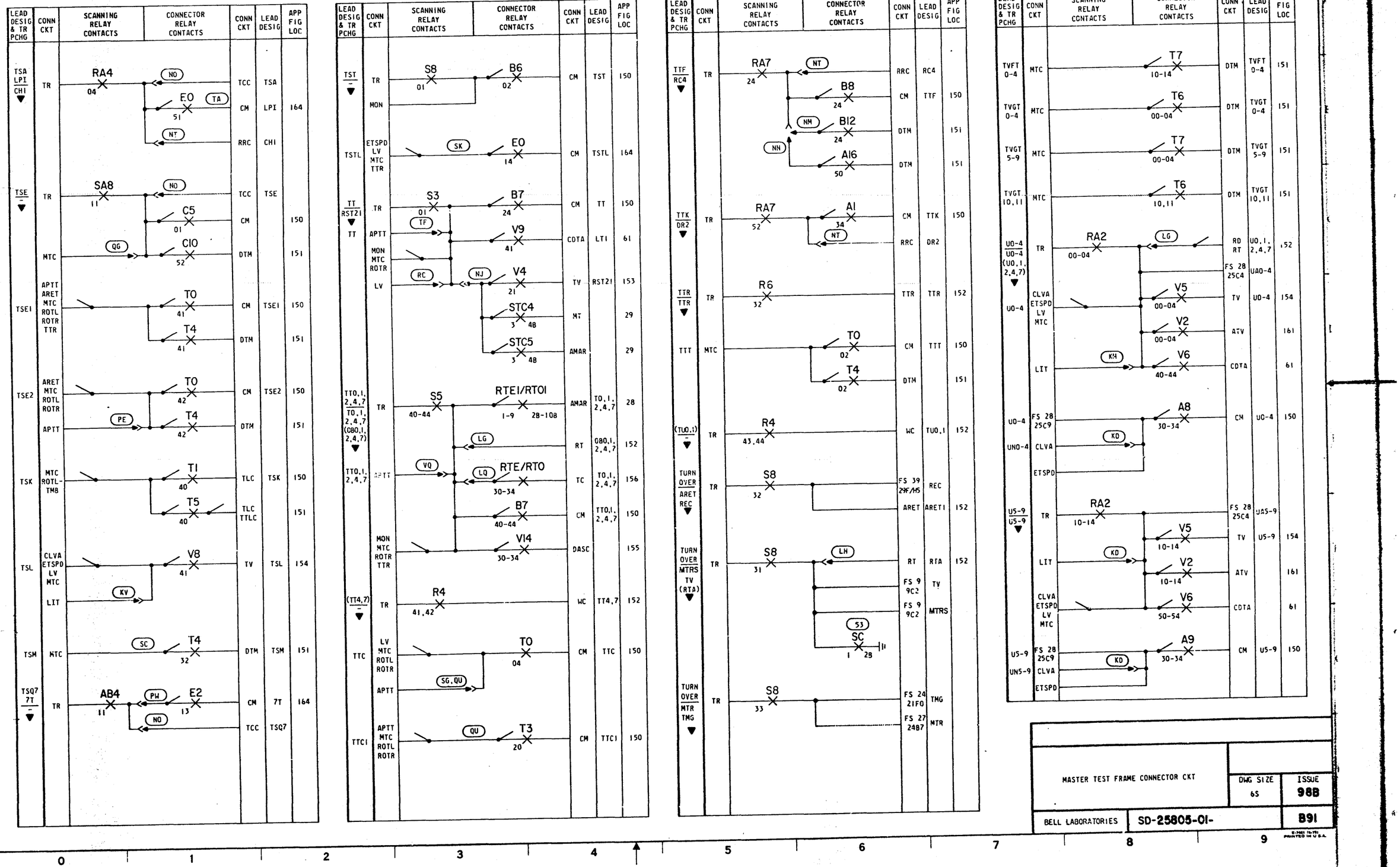
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
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(WB) TABLE IA (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME
DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
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(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
UK / SPTI ▼	TR	RA2 31	V8 44	CDTA	SPTI	61
			A8 53	CM	UK	150
UK	MTC		WI 34 (NX)	CTV	UK	153
				TV		
UKA	MTC	(KK)	HO 40	CM	UKA	198
UTO,1,2,4,7 / UO,1,2,4,7 (OCO,1,2,4,7) ▼	TR	S5 50-54	RTEI/RTOI 1-9 2T-10T	AMAR	UO,1,2,4,7	28
UTO,1,2,4,7	APTT	(VQ)	(LG)	RT	OCO,1,2,4,7	152
			(LQ) RTE/RTO 40-44	TC	UO,1,2,4,7	156
			VI4 40-44	DASC	UTO,1,2,4,7	155
	MON MTC ROTR TTR		B7 50-54	CM		150
VFO / VF-U' 0 ▼	TR	RI 40	BI 00	CM	VFO	150
VFO	LIT	(KM)	V4 40	ATVC DAS		161
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 0[illegible]	DAS TVC		154
			VO 10	TA		60
VF1-4 / VF-U' 1,2,3/4,4/7 ▼	TR	RI 41-44	BI 01-04	CM	VF1-4	150
VF1-4	LIT	(KM)	V4 41-44	ATVC DAS		161
	APTT CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 10-13	DAS TVC		154
			VO 11-14	TA		60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VF'0-4 / EE-TNU 0,1,2,4,7 ▼	TR	RO 40-44	V6 00-04	CDTA	TNUO, 1,2,4,7	61
			(JC)	BDT	EO,1,2,4,7	
			(NO)	TCC	VF'0-4	
			AI 00-04	CM		150
			AI3 00-04	DTM		151
VFTO / MTK P4L ▼	TR	SA3 20	VI2 44	CTV	P4L	155
			CI 10	CM	VFTO	150
			C9 10	DTM		151
			(NO)	TCC		
VFTO	CLVA ETSPD LIT LV MTC		V8 42	CDTA	MTK	61
VFTI / ODD P5L ▼	TR	SA3 21	VI2 50	CTV	P5L	155
			CI 11	CM	VFTI	150
			C9 11	DTM		151
			(NO)	TCC		
VFTI	CLVA ETSPD LIT LV MTC		V8 30	CDTA	ODD	61
VFT2 / EVN BIRA ▼	TR	SA3 22	V8 31	CDTA	EVN	61
			VII 34	CTV	BIRA	155
			CI 12	CM	VFT2	150
			C9 12	DTM		151
VFT2	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
VFT3 / IE ▼	TR	SA3 23	VI4 10	CTV	IE	155
			CI 13	CM	VFT3	150
			C9 13	DTM		151
VFT3	CLVA ETSPD LIT LV MTC		(NO)	TCC		
VFT4 / RCOO ROP ▼	TR	SA3 24	V8 32	CDTA	RCOO	61
				BI CTV	ROP	152
			CI 14	CM	VFT4	150
			C9 14	DTM		151
VFT4	CLVA ETSPD LIT LV MTC		(NO)	TCC		
VGO,1 / VG-H' 0,1 ▼	TR	RI 14,20	BO 20,21	CM	VGO,1	150
VGO,1	LIT	(KM)	V4 14,20	CDTA		61
			VI 40,41	ATV DAS		161
	APTT CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 14,20	DAS TV	CP16 TM5	154
				WC		152
VG2 / VG-H' 2 ▼	TR	RI 21	BO 22	CM	VG2	150
VG2	LIT	(KM)	V4 21	CDTA		61
			VI 42	ATV DAS		161
	APTT CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 21	DAS TV		154

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
VG4,7 / VG-H' 4,7 ▼	TR	RI 22,23	BO 23,24	CM	VG4,7	150
VG4,7	LIT	(KM)	V4 22,23	CDTA		61
			VI 43,44	ATV DAS		161
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 22,23	DAS TV		154
VG10 / VG10 ▼	TR	RI 24	BI 14	CM	VG10	150
	LIT	(KM)	V4 24	CDTA		61
			VI 50	ATV DAS		161
	APTT CLVA ETSPD LV MON MTC ROTL ROTR TTR		V8 24	DAS TV		154
VG'0,1,2,4,7 / E87, EC-TFU 0,1,2,4 ▼	TR	RO 14,20-23	(JC)	BDT	B7,CO, 1,2,4	
			(NO)	TCC	VG'0,1,2,4,7	
			AO 20-24	CM		150
			AI2 20-24	DTM		151
		20-23	V6 20-23	CDTA	TFUO, 1,2,4	61

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
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(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
VG'10 / EC-TFU 7 ▼	TR	R0 24	V6 24	CDTA	TFU7	61
			JC	BDT	C7	
			AI 14	CM	VG'10	150
			NO	TCC		
			AI3 14	DTM		151
VGA	MTC		T6 14	DTM	VGA	151
VGTO / - ▼	TR	SA4 31	CO 00	CM	VGTO	150
			NO	TCC		
	CLVA LIT LV MTC		C8 00	DTM		151
VGT1 / TV ▼	TR	SA4 32	RTEA/RTOA 12	AMAR/TC	TV	156
			CO 01	CM	VGT1	150
			C8 01	DTM		151
VGT1	CLVA ETSPD LIT LV MTC		NO	TCC		
VGT2 / IPA ▼	TR	SA4 33	RTEA/RTOA 01	AMAR TC	IPA	156
			CO 02	CM	VGT2	150
			C8 02	DTM		151
VGT2	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
VGT3 / OTO ▼	TR	SA4 34	RTE/RTO 04	AMAR/TC	OTO	156
			CO 03	CM	VGT3	150
			C8 03	DTM		151
VGT3	CLVA ETSPD LIT LV MTC		NO	TCC		
VGT4 / HRI ▼	TR	SA4 40	LP RTEA/RTOA 40	AMAR	HRI	156
			CO 04	CM	VGT4	150
			C8 04	DTM		151
VGT4	CLVA ETSPD LIT LV MTC		NO	TCC		
VGT5 / - ▼	TR	SA4 41	CI 00	CM	VGT5	150
			NO	TCC		
	CLVA LIT LV MTC		C9 00	DTM		151
VGT6 / ME A ▼	TR	SA4 42	NT	MT	ME	
			TXE/TXO 9 10B	MT	A	28
			CI 01	CM	VGT6	150
			NO	TCC		
VGT6	CLVA ETSPD LIT LV MTC		C9 01	DTM		151
VGT7 / MTTR B ▼	TR	SA4 43	NT	MT	MTTR	
			TXE/TXO 1 2T	MT	B	28
			CI 02	CM	VGT7	150
			NO	TCC		
VGT7	CLVA ETSPD LIT LV MTC		C9 02	DTM		151

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	NT	MT	TST	
			TXE/TXO 3 4T	MT	D	28
			CI 03	CM	VGT8	150
			NO	TCC		
VGT8	CLVA ETSPD LIT LV MTC		C9 03	DTM		151
VGT9 / RTRS E ▼	TR	SA4 50	NT	MT	RTRS	
			TXE/TXO 5 6T	MT	E	28
			CI 04	CM	VGT9	150
			NO	TCC		
VGT9	CLVA ETSPD LIT LV MTC		C9 04	DTM		151
VGT10 / 3ANT SP ▼	TR	SA4 51	TXE/TXO 3 4B	MT	SP	28
			NT	MT	3ANT	
			CO 10	CM	VGT10	150
			C8 10	DTM		151
VGT10	CLVA ETSPD LIT LV MTC		NO	TCC		
VGT11 / 3AM RT ▼	TR	SA4 52	STC 11 12T	AMAR	RT	29
			CO 11	CM	VGT11	150
			NO	TCC		
			C8 11	DTM		151
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	B9 10	CM	VTC	150
	MTC		VI3 50	CTV DASC		155
VTK1 / XRL1 ▼	TR	SA8 31	LQ RTEA/RTOA 54	TC	XRL1	156
			A5 23	CM	VTK1	150
			AI7 03	DTM		151
			NO	TCC		
WC / WC ▼	TR	S2 23		WC	WC	152
WKC / WKC ▼	TR	R3 54	VI3 52	CTV DASC	WKC	155
	MTC		B9 04	CM		150
WT / TM1 TM2T ▼	TR	S7 02	NO	TCC	WT	
			C4 02	CM		150
			CII 51	DTM		151
			VI 40	CTV TV	TM1 TM2T	153

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(WB) TABLE IA (CONT)

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DOUBLE SIDED TROUBLE RECORDER CARD)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
X11 / RST24 ▼	TR	S3 04	V9 42	CDTA	X11	61
X11	APTT MON MTC ROTL ROTR TTR	(SX)	B7 20	CM		150
		(NJ)	STC5 9 108	AMAR		29
			STC4 9 108	MT		29
			V4 24	TV	RST24	153
XAN / TBY ▼	TR	SA5 51	B1 34	CM	XAN	150
			V6 54	TV	TBY	154
			V9 54	CDTA		61
XBRL / — ▼	TR	AB5 11	D0 50	CM	XBRL	163
XBT / — ▼	TR	SA5 43	A6 42	CM	XBT	150
			AI6 42	DTM		151
			(NO)	TCC		
XCE / — ▼	TR	AB6 11	D0 51	CM	XCE	163
XCH / EXT ▼	TR	SA5 52	V3 33 (NX)	CTV TV	EXT	153
			A7 30	CM	XCH	150
			AI7 30	DTM		151
			(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	A7 43	CM	XCKR	150
			V2 43 (NX)	CTV TV	P5	153
XCL / TEA ▼	TR	SA6 00	V2 53 (NX)	CTV TV	TEA	153
			A7 02	CM	XCL	150
		(UK)	AI7 14	DTM		151
		(NO)		TCC		
XCLC / CI1 ▼	TR	SA5 32	V2 44 (NX)	CTV TV	CI1	153
			A7 11	CM	XCLC	150
XCP / — ▼	TR	SA6 04	A6 10	CM	XCP	150
XCR / TGR ▼	TR	SA6 01	V4 31	ATV	TGR	161
			V8 42	TV		154
			A7 01	CM	XCR	150
			VI 23	TA	TGR	60
XCS / CK7 ▼	TR	SA5 02	V6 (LN) 32	TV	CK7	154
			A6 14	CM	XCS	150
			AI6 14	DTM		151
		(NO)		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XCW XVGB / BY ▼	TR	SA5 54	V3 32	CTV TV	BY	153
			A6 20	CM	XVGB/ XCW	150
			AI6 20	DTM		151
		(NO)		TCC	XVGB	
BY	ARET					
XDL / OPI ▼	TR	SA6 02	V2 30 (NX)	CTV TV	OPI	153
			A7 04	CM	XDL	150
OPI	MTC					
XF / PTS ▼	TR	SA6 40 (LP)	RTEA/RTOA 04	AMAR	PTS	156
			A6 21	CM	XF	150
			AI6 21	DTM		151
XFT / RL2 HR ▼	TR	SA6 51	C0 14	CM	XFT	150
			TXEI/TXOI 5 68	MT	HR	28
		(NT)		MT	RL2	
XFT	MTC					
XFUT / FACK ▼	TR	SA5 12	V7 (LN) 12	TV	FACK	154
			A6 00	CM	XFUT	150
XHG / TM ▼	TR	SA5 00		FS 6 6G4	TM	
				FS 6 6G4		
			A7 22	CM	XHG	150
			AI7 22	DTM		151
		(NO)		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XHGI / XMB ▼	TR	SA6 03	(SL) E2 41	TRMC-MP	XHGI	164
XHGI	MTC		A7 03	CM	XMB	150
XHGA / XVGA / RB ▼	TR	SA5 53	(SL) E2 40	TRMC-MP	XHGA	164
			AI7 24	DTM	XVGA	151
		(NO)		TCC		
XHGA	MTC		V3 34	CTV TV	RB	153
XHM / XSA / TOK ▼	TR	SA5 21	V2 54 (NX)	CTV TV	TOK	153
			A6 32	CM	XSA	150
		(OG)		CWL	XHM	
XI / XTV / PRE ▼	TR	SA6 11	(SL) E2 43	CM	XI	164
		(NO)		TCC		
			A7 00	CM	XTV	150
XI	MTC	(LI)	V3 00	TV	PRE	153

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(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
XJC / PT	TR	SA6 22 LP RTEA/RTOA 11		AMAR	PT	156
		WI 11 NX		CTV TV		153
		V3 44		ATV		161
		A6 22		CM	XJC	150
		AI6 22		DTM		151
		NO		TCC		
XJG / PAK	TR	SA6 23 LP RTE/RTO 03		AMAR	PAK	156
		A6 23		CM	XJG	150
		AI6 23		DTM		151
		NO		TCC		
XJS / CK	TR	SA6 24 V3 41		CTV TV	CK	153
		A7 23		CM	XJS	150
		AI7 23		DTM		151
		NO		TCC		
XL / XOB / -	TR	SA6 10 SL E2 42		TRMC-MP	XL	164
		SM A6 04		CM	XOB	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLC / DS	TR	SA6 32	RTEA/RTOA 33	AMAR/TC	DS	156
			WI 33 NX	CTV TV		153
			NO	TCC	XLC	
			A7 20	CM		150
DS	MTC		AI7 20	DTM		151
XLF / RTST / TEN	TR	SA4 53	TXEI/TXOI 3 4T	MT	TEN	28
			NT	MT	RTST	
			EO 44 TA	CM	XLF	164
			EO 44	CM	XLF	57
XLG / CKG / GC	TR	SA5 01	V2 10	CTV TV	CKG, GC	153
			V4 21	ATV	GC	161
			A7 21	CM	XLG	150
			AI7 21	DTM		151
CKG	CLVA LV		NO	TCC		
	LIT		KM			
CKG/GC	ETSPD MTC		VI 21	TA	GC	60
XLH / CK2	TR	SA5 04	V3 53 NX	CTV TV	CK2	153 153
			A4 11	CM	XLH	150
			AI7 02	DTM		151
			NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLO / CK4	TR	SA5 10	V6 31 LN	TV	CK4	154
			A6 50	CM	XLO	150
			NO	TCC		
XLR / PI	TR	SA6 30	WI 31 NX	CTV TV	PI	153
			LP RTEA/RTOA 31	AMAR		156
			A6 24	CM	XLR	150
			AI6 24	DTM		151
PI	MTC		NO	TCC		
XLS / CK / CK1	TR	SA5 03	V8 00	CDTA	CK	61
			V4 03	ATV	CK1	161
			V3 52	CTV TV		153
			A6 34	CM	XLS	150
			AI6 34	DTM		151
			NO	TCC		
XLV / RD	TR	SA6 33	RTEA/RTOA 23	AMAR/TC	RD	156
			WI 23	CTV TV		153
			A6 30	CM	XLV	150
			AI6 30	DTM		151
RD	MTC	KB	NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XMRL / OF	TR	SA5 50	V6 53	TV	OF	154
			A6 44	CM	XMRL	150
OF	LIT	KM				
	CLVA ETSPD LV MTC		NO	TCC		
XN / MRST CI4	TR	SA5 22 LQ	RTEA/RTOA 14	TC	MRST	156
			V2 52 NX	CTV TV	CI4 NX CI4 LI MRST	153
			A7 31	CM	XN	150
XPG / MRRL CIFA	TR	SA5 24	V3 40 NX	CTV TV	CIFA NX CIFA LI MRnL	153
			A6 02	CM	XPG	150
			AI6 02	DTM		151
		LQ	RTEA/RTOA 22	TC	MRRL	156
XPT / HDK BSP	TR	SA6 43 NT		MT	HDK	
			TXE/TXO 7 88	MT	BSP	28
			A7 12	CM	XPT	150

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(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 68	MT	ASP	28
			(NT)	MT	RL	
			A6 52	CM	XRS	150
XRSI / RLI / DA ▼	TR	SA6 50	TXEI/TXOI 7 88	MT	DA	28
			(NT)	MT	RLI	
			A6 53	CM	XRSI	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	
			TXEI/TXOI 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	XT	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
XTSI / OOL / TNK ▼	TR	SA6 42	(NT)	MT	OOL	
			V1 10	TA	TNK	60
			(TY) V3 12	TV		153
			V3 30	ATV		161
			A7 33	CM	XTSI	150
			AI7 33	DTM		151
			(NO)	TCC		
			A6 01	AC	MCA	150
			(NR)	AC	MCA	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

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LEGEND
(FOR TABLE IB)

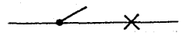
NOTES:

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)

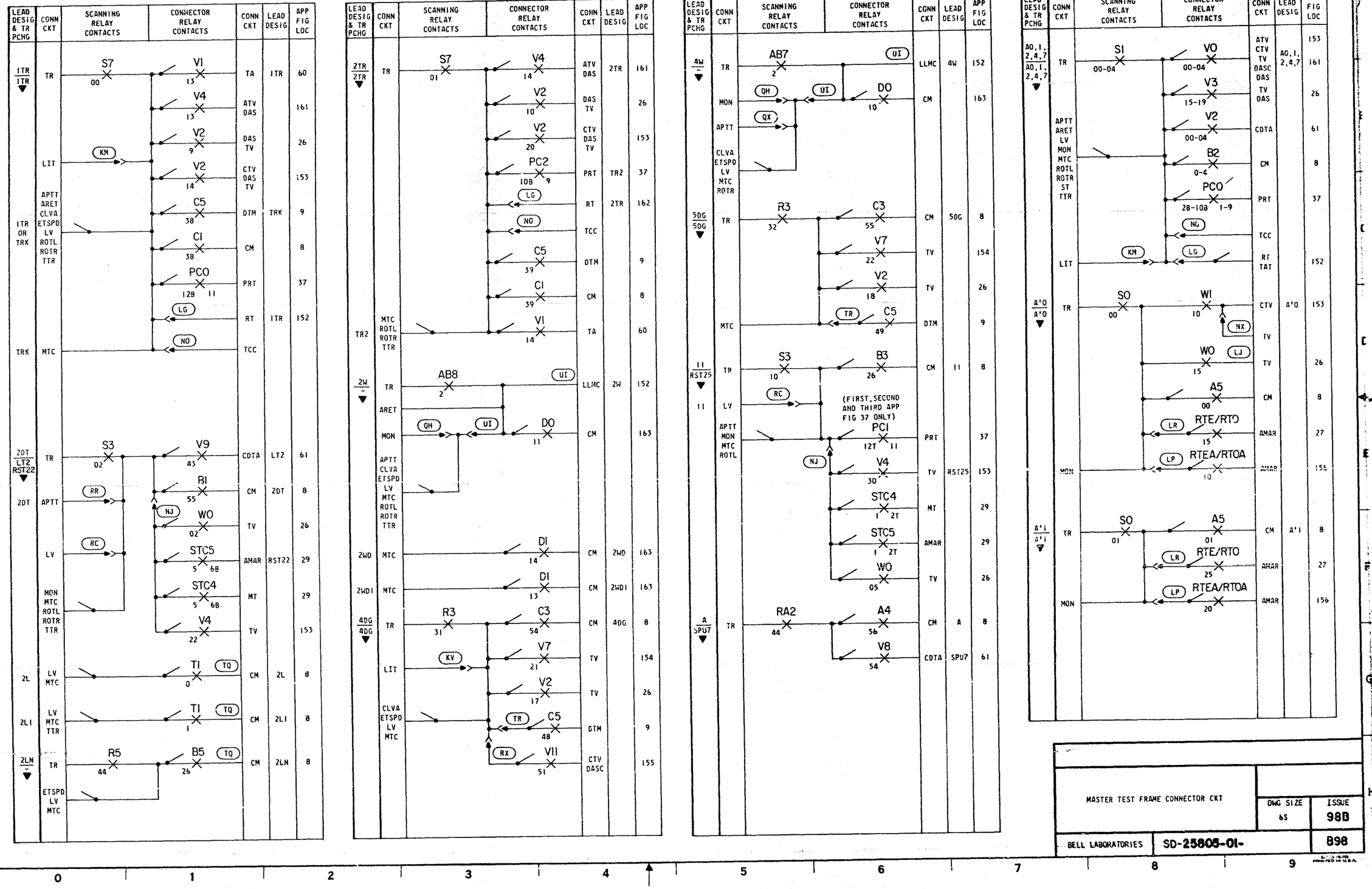
   d. PUNCHING DESIGNATION IN SQUARE BRACKETS [XY] ARE SHOWN ON THE TROUBLE CARD BUT ARE NOT USED WITH THIS TABLE.

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 100B
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TABLE IB

(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 IB. 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.

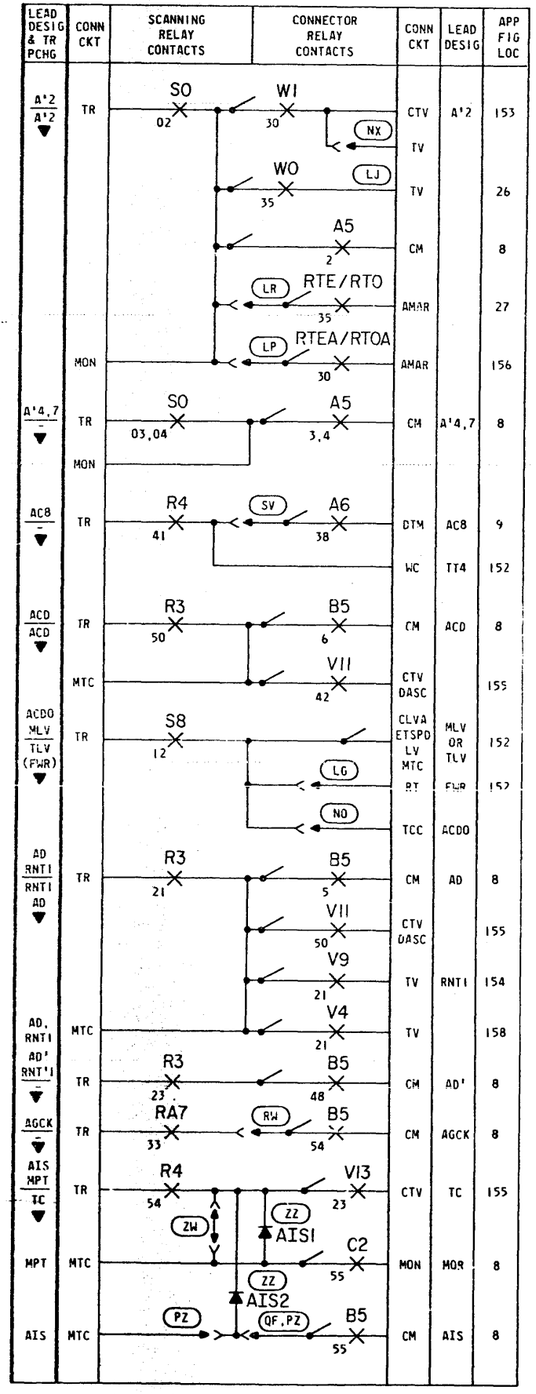


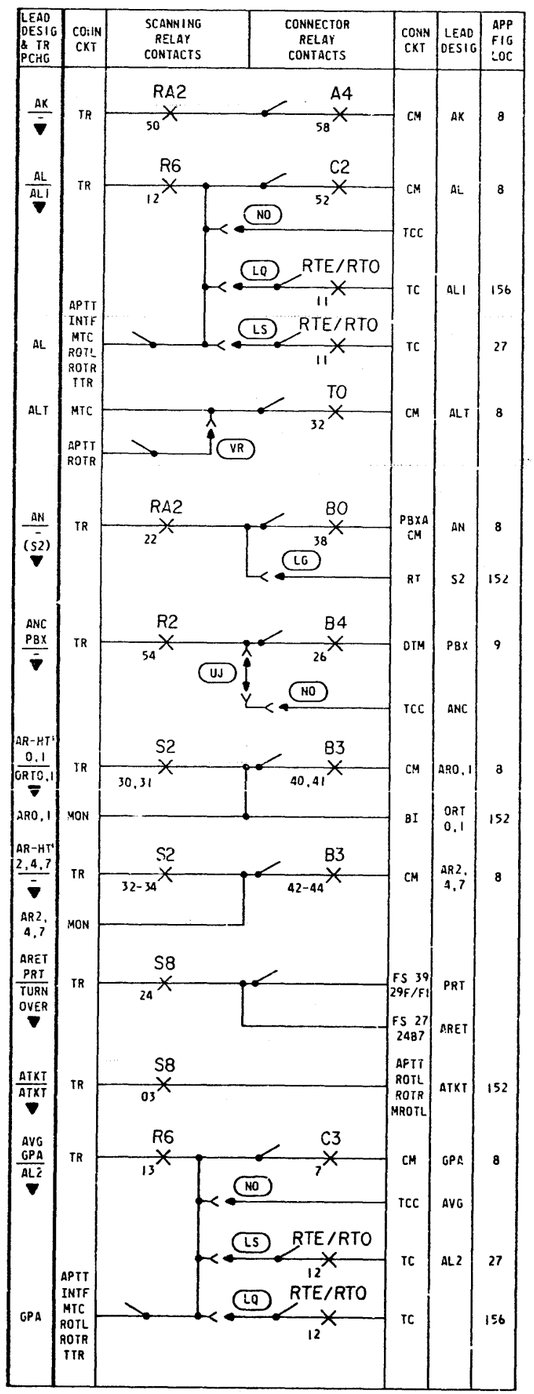
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S / ISSUE 98B
BELL LABORATORIES	SD-25805-01- 898

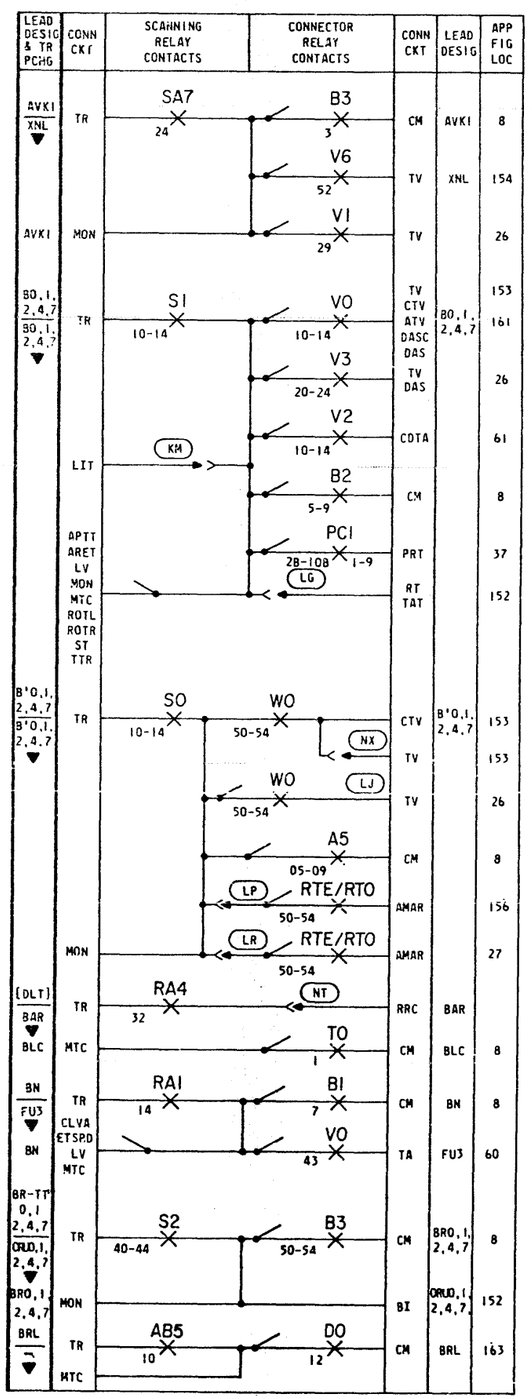
SD-25805-01-898

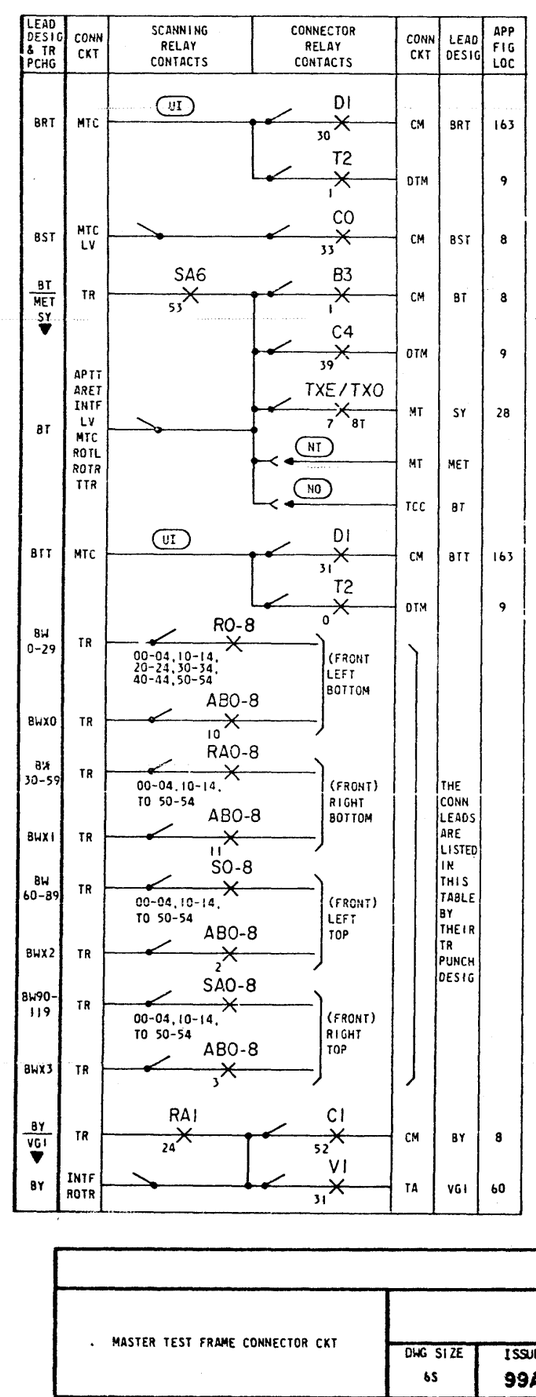
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









THE CONN LEADS ARE LISTED IN THIS TABLE BY THEIR TR PUNCH DESIG

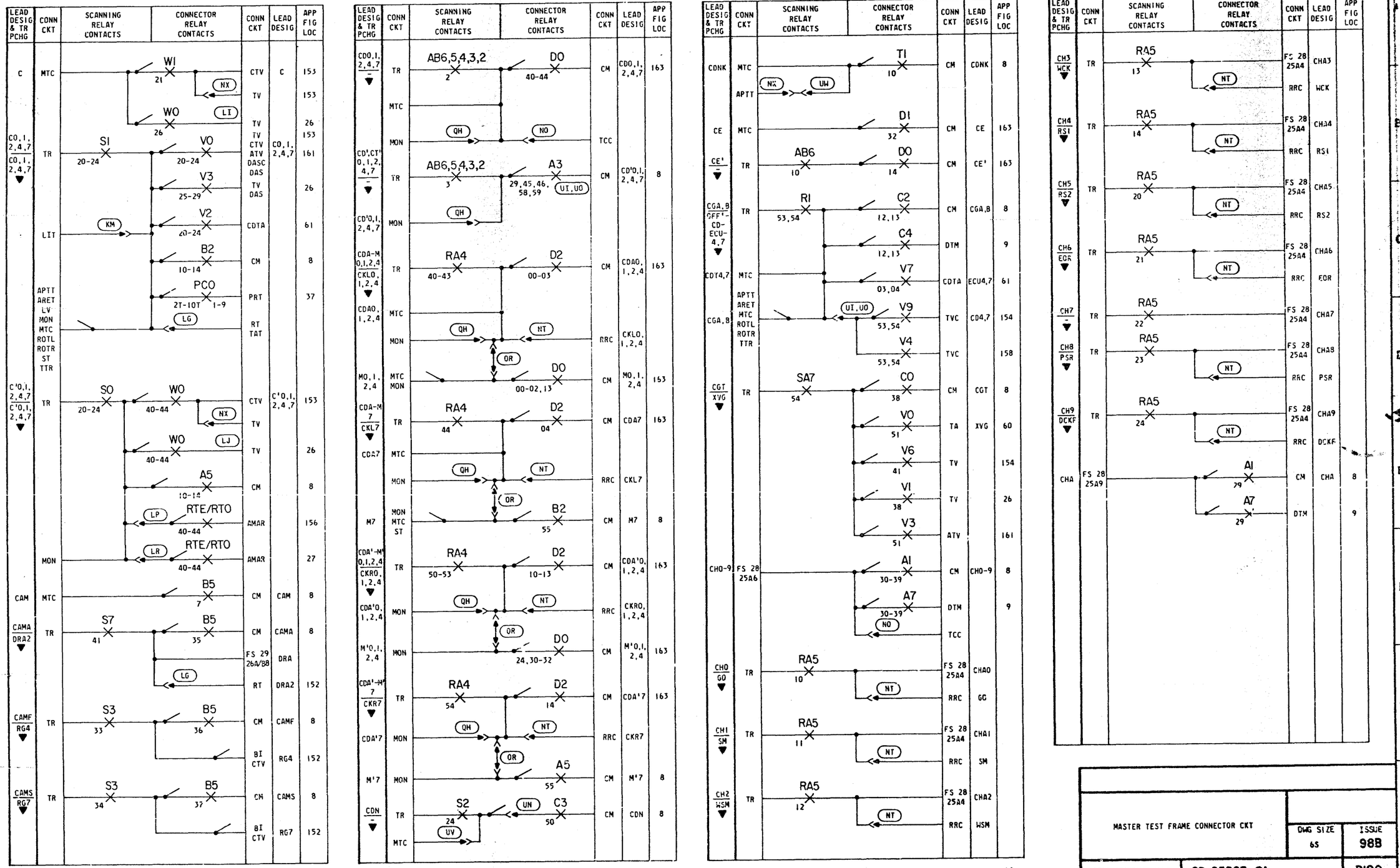
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 99A
BELL LABORATORIES	SD-25805-01-	B99

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

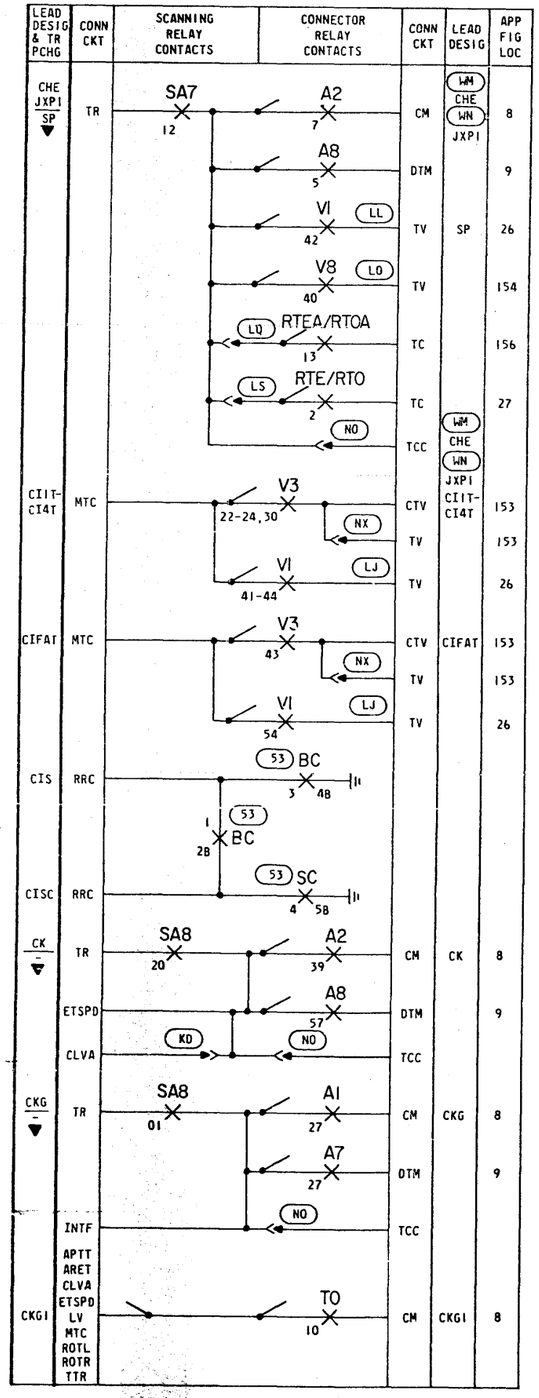
DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | B100

SD-25805-01-B100

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

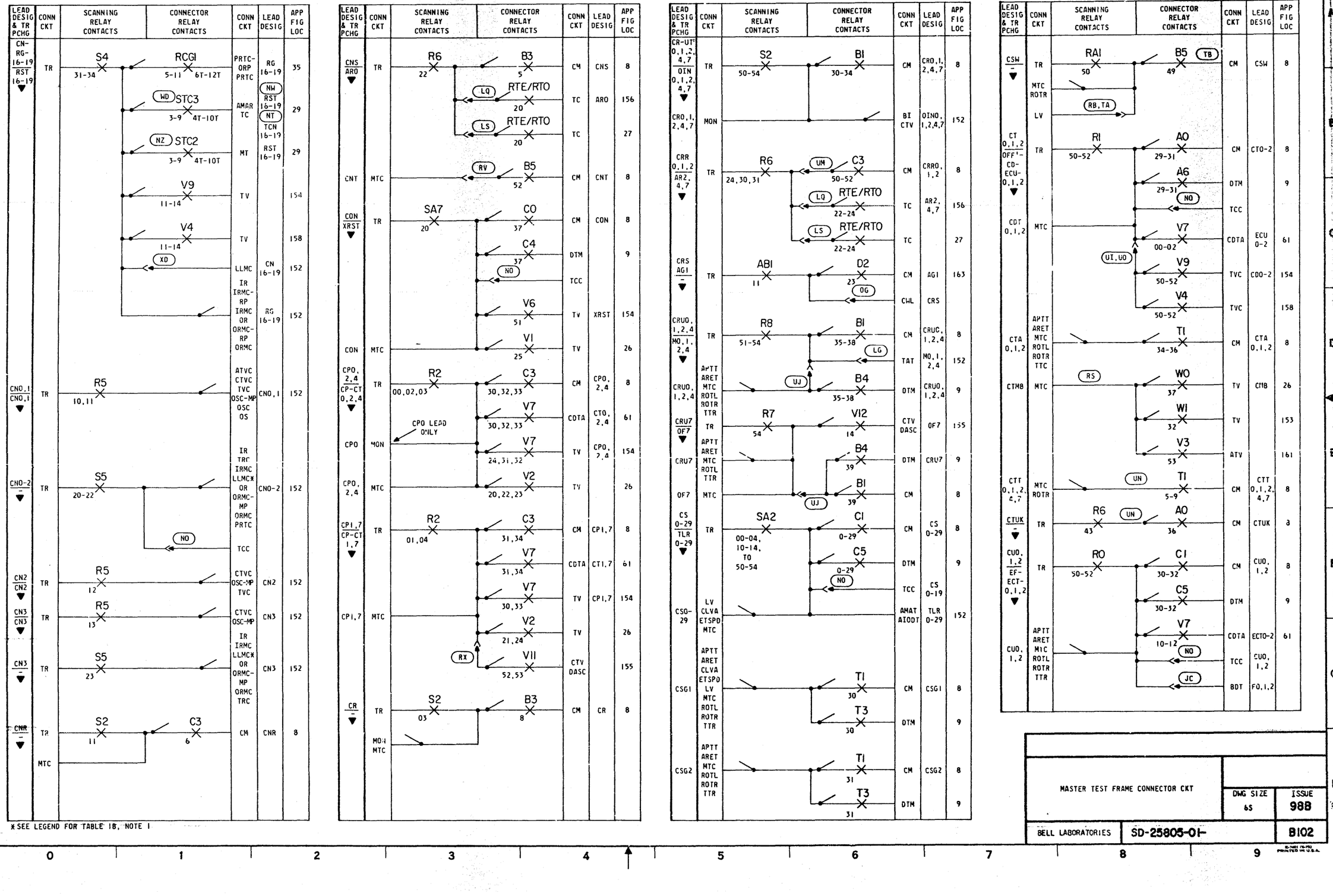
DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | B101

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TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



*SEE LEGEND FOR TABLE 1B, NOTE 1

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8102

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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
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			
CU4,7				BDT	F4,7	
CUTO,1, 2,4,7	MTC ROTR	UN	T1 15-19	CM	CUTO,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		V13 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
		OG	A8 11			
CWK	MTC			DTM	CWK	9
D NL01 ▼	TR	S7 24	C1 35	CM	D	8
		RX	C5 35	DTM		9
D	MON					
	MTC		V11 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		
		KM		TV CTV ATV DASC DAS		153 161
LIT			V0 34			
D0,1, 2,4,7 D0,1, 2,4,7 ▼	TR	S0 30-34	W0 30-34	CTV	D0,1, 2,4,7	153
			NX	TV		
			W0 30-34 LJ	TV		26
			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
DCT	APTT ARET MON MTC ROTL ROTR TTR		V1 31	TV	LJ XIC LL XTS	26

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
DCT1	MTC	JZ	V1 28	TV	LJ XP LL XDS	26
DCT2 XTC ▼	TR	SA7 33		FS 25 2283	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
DISI XU ▼	TR	SA7 34	C2 47	CM	DISI	8
			C5 55	DTM		9
			NO	TCC		
			V3 02	TV CTV	XU	153
DISI	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	EO 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 98B

BELL LABORATORIES | SD-25805-01- | 8103

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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
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,1, 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,1,2,4,7	RT		152
[DTF] DRA3 (DRA4)	TR	S7 42	FS 29 26A/B9 (LG)	RT	DRA3 DRA4	152
DRC ATT NMBO	TR	S6 31	V10 51 (NO)	CTV TCC	NMBO DRC	155
			(UN) C3 52	CM	ATT	8
DRT SRT ARET	TR	S8 04	A1 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,1, 2,4,7 DTO,1, 2,4,7	TR	RA0 00-04		C & C MT	DTO,1, 2,4,7	152
DTK XIN1	TR	SA8 40	CO 30 (NO)	CM TCC	DTK	8
			C4 30	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,1, 2,4,7 DUO,1, 2,4,7	TR	RA0 10-14		C & C MT	DUO,1, 2,4,7	152
EO,1, 2,4,7 EO,1, 2,4,7	TR	S1 40-44	B2 20-24	CM	EO,1, 2,4,7	8
	APTT MON MTC ROTL ROTR ST TTR		VO 40-44	DAS TV CTV ATV DASC		153 161
			V3 45-49	TV DAS		26
	LIT	(KM)	V2 40-44	CDTA		61
	LV	(RC)		TAT RT		152
E'0,1, 2,4,7 E'0,1, 2,4,7	TR	SO 40-44	WO 20-24 (NX)	CTV TV	E'0,1, 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)	V15 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	ERTC	
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		T0 49 T2 49	CM DTM	EXT	8 9
F	LV MTC ROTR TTR		T0 0	CM	F	8
	APTT	(VQ)				

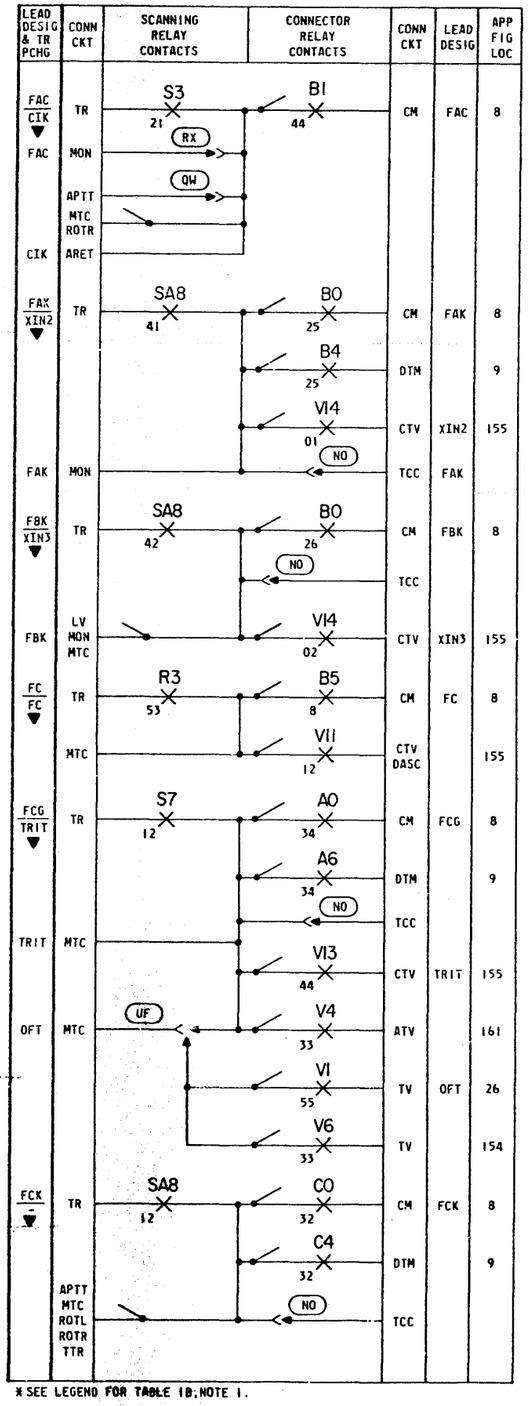
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FO,1, 2,4,7 FO,1, 2,4,7	TR	SI 50-54	B2 25-29	CM	FO,1, 2,4,7	8
	APTT MON MTC ROTL ROTR ST TTR		VO 50-54	TV CTV ATV DASC DAS		153 161
			V3 55-59	TV DAS		26
	LV	(RC)	V2 50-54	CDTA		61
	LIT	(KM)	(LG)	RT TAT		152
F'0,1, 2,4,7 F'0,1, 2,4,7	TR	SO 50-54	A5 25-29	CM	F'0,1, 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) (LJ) V2 0	TV TV	FABC	154 26

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		B104

SD-25805-01-B104

TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



* SEE LEGEND FOR TABLE 1B; NOTE 1.

MASTER TEST FRAME CONNECTOR CKT

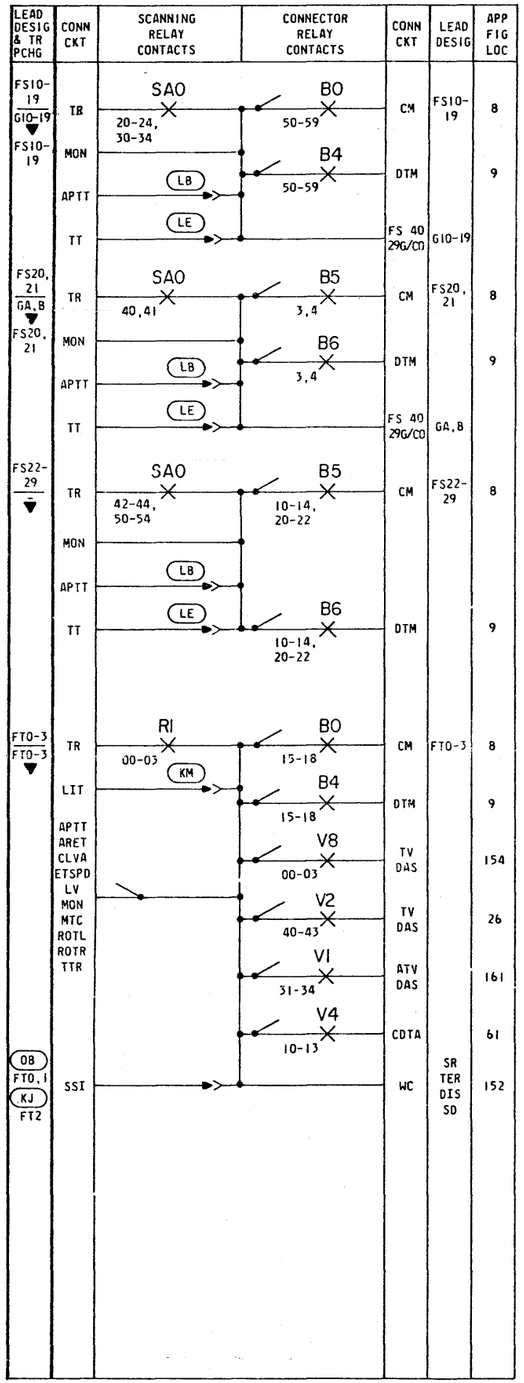
DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | B105

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-	8106

SD-25805-01-8106

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
FU'-TF'-SW-7 / EB4	TR	R0 13	A0 14	CM	FU'7	8
			A6 14	DTM		9
			NO	TCC		
		OB	JC	BDT	B4	
SW7	SSI					
FUT-0,1,2,3/4 / CC6-9	TR	SA4 11-14	C0 40-43	CM	FUT 0-3	8
			C4 40-43	DTM		9
			V11 30-33	CTV	CC6-9	155
	CLVA ETSPD LIT LV MTC		NO	TCC	FUT0,1,2,4	
FUT 0-3						
FUT 4/7	TR	SA4 20	C0 44	CM	FUT4	8
			C4 44	DTM		9
	CLVA ETSPD LIT LV MTC		NO	TCC	FUT7	
FUT4						
FUT 5-7	TR	SA4 21-23	C0 45-47	CM	FUT 5-7	8
	CLVA ETSPD LIT LV MTC		C4 45-47	DTM		9
FUT8 / 4WT TPT	TR	SA4 24	V4 24	ATV DAS	TPT TP	161
			V2 13	TV DAS	TPT TP	26
			V7 13	TV DAS	TPT TP	154
TPT OR FUT8	CLVA ETSPD LV MTC		C0 48	CM	FUT8	8
			C4 48	DTM		9
FUT8	LIT		V1 04	TA	TPT	60

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FUT9 / 4WL RPT	TR	SA4 30	V2 14	TV DAS	RPT RP	26
			V7 14	TV DAS	RPT RP	154
			V4 30	ATV DAS	RPT RP	161
FUT9	LIT MTC		V1 03	TA	RPT	60
			C0 49	CM	FUT9	8
FUT9 OR RPT	ETSPD LV		C4 49	DTM		9
FVD / RST23	TR	S3 03	V9 44	CDTA	LT3	61
			B3 28	CM	FVD	8
FVD	MCN MTC ROTL ROTR TTR		W0 03	TV	RST23	26
			V4 23	TV		153
	APTT	RH	STC4 7 8B	MT		29
	LV	RC NJ	STC5 7 8B	AMAR		29
G	MTC		T0 13	CM	G	8
			T2 13	DTM		9
GO,1,2,4,7 / GO,1,2,4,7	TR	R8 00-04	B2 30-34	CM	GO,1,2,4,7	8
	APTT MON MTC ROTL ROTR ST TTR		V1 00-04	TV CTV ATV DASC DAS		153 161
			V3 30-34	TV DAS		26
	LV	RC KM	V3 00-04 LG	CDTA		61
	LIT			TAT		152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
G'0,1,2,4,7 OA-AT 0,1,2,4,7 / G'0,1,2,4,7	TR	R7 00-04	A5 30-34	CM	G'0,1,2,4,7	8
	MON		V10 30-34	CTV DASC	OA0,1,2,4,7	155
OA0,1 2,4,7	MTC		V15 40-44	TV	ATO,1,2,4,7	55
GIT	MTC		PC2 12B 11	PRT	GI	37
GLA SNG / SNG (S3)	TR	RA2 23	A4 42	QG CM	SNG GLA	8
			V9 10 LG	CDTA	SNG	61
				RT	S3	152
GLB NGK1 / SPTO	TR	RA2 30	A4 40	QG CM	NGK1 GLB	8
			V8 43	CDTA	SPTO	61
GLH / XST XPL	TR	SA7 14	A0 32	CM	GLH	8
			A6 32 NO	DTM		9
				TCC		
			TXE!/TXO! 9 10T	MT	XPL	28
			V0 7 LL	TV	XST	26
			V3 53 LI	TV		153
GPB / AL4	TR	R6 14	C3 8	CM	GPB	8
		LQ	RTE/RTO 13	TC	AL4	156
APTT INTF MTC ROTL ROTR TTR / GPB		LS	RTE/RTO 13	TC		27
GR	MTC		PC2 2T 1	PRT	GR	37
GSI-4 OGO,1,2,4 (NO,1,2,4) / OGO,1,2,4	TR	R6 00-03	C3 41-44	CM	GSI-4	8
			V12 20-23	CTV DASC	OGO,1,2,4	155
	MTC		LG	TAT	NO,1,2,4	152

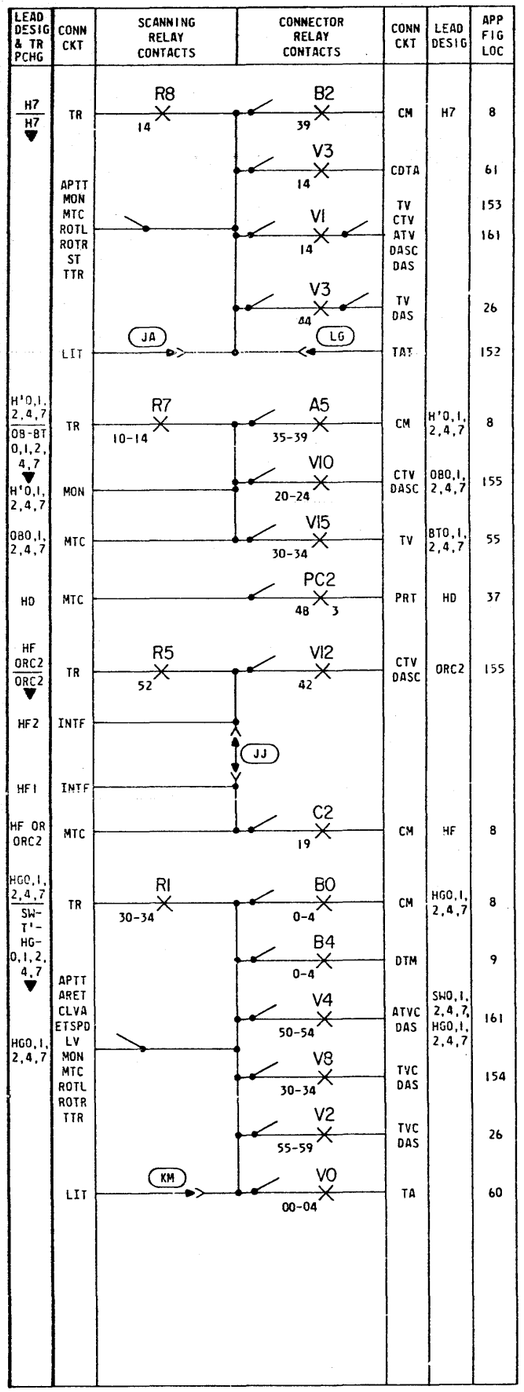
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
GS5 / OG7 (N7)	TR	R6 04	C3 45	CM	GS5	8
			V12 24	CTV	OG7	155
			LG			
OG7	MTC			TAT	N7	152
GT2 / XRL	TR	SA7 21	A0 33	CM	GT2	8
			A6 33	DTM		9
			V3 13	TV CTV	XRL	153
			V1 32	TV		26
			V4 GO NG	ATV		161
				TCC	GT2	
GT5 / CDCO	TR	S7 20	A0 35	CM	GT5	8
			(1ST APP FIG 61)			
PSG	MTC	LO	V9 00 A34 J1			
GTL	TR	SA8 10	A1 26	CM	GTL	8
			A7 26	DTM		9
			NO	TCC		
HO,1,2,4 / HO,1,2,4	TR	R8 10-13	B2 35-38	CM	HO,1,2,4	8
			V1 10-13	TV CTV DASC		153
			V3 40-43	TV		26
APTT MON MTC ROTR ST TTR			V3 10-13 LG	CDTA		61
				TAT		152

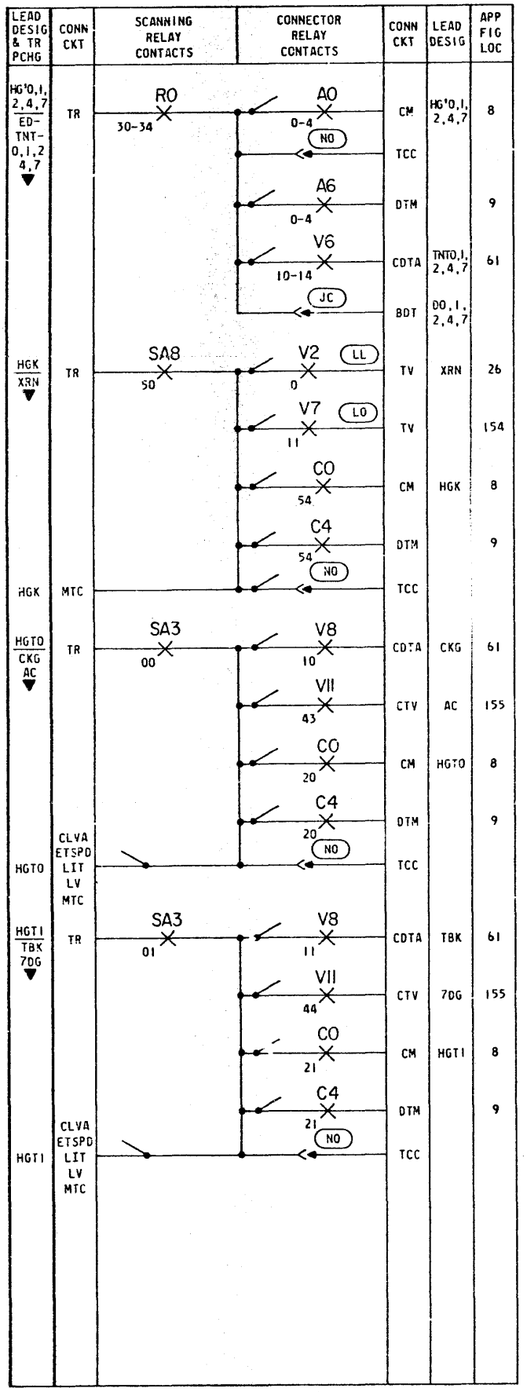
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 9BB
BELL LABORATORIES	SD-25805-01-		B107

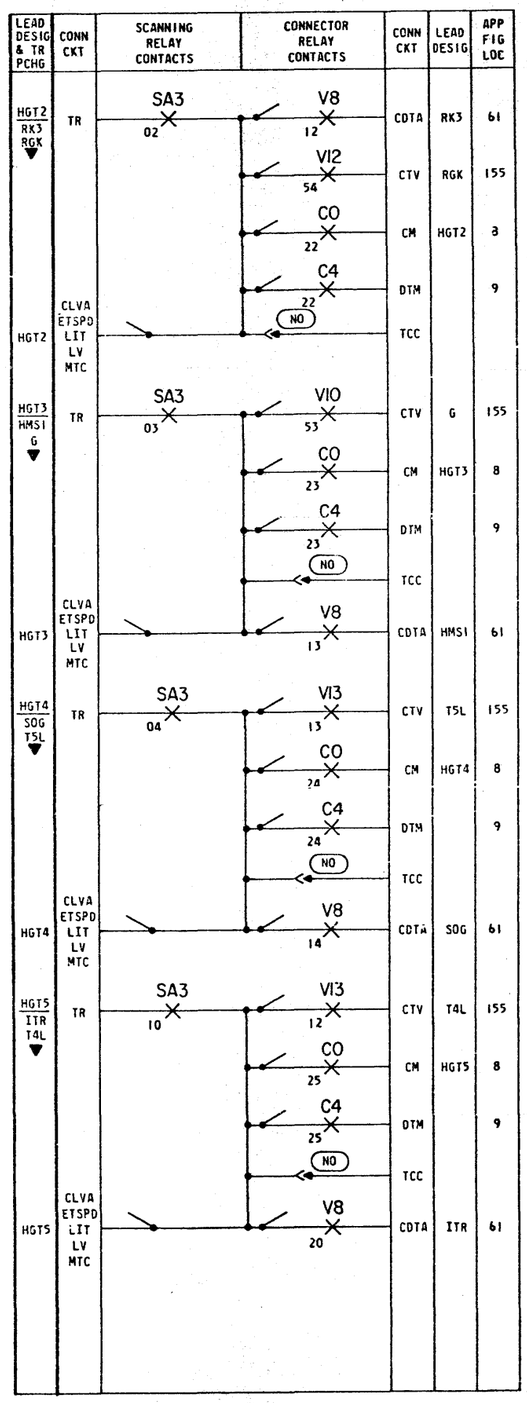
SD-25805-01-B107

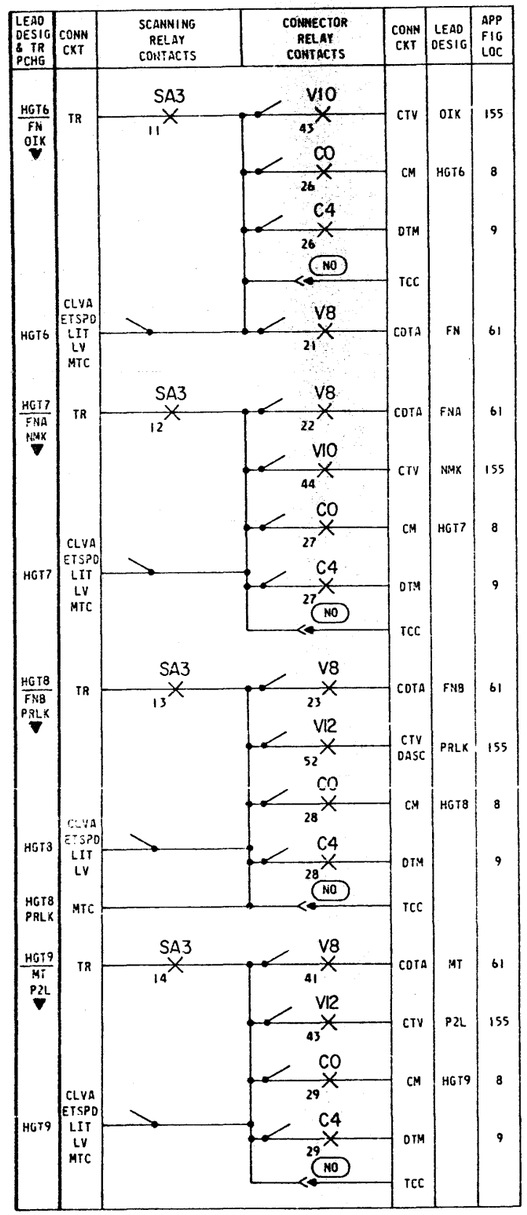
TABLE 18 (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)







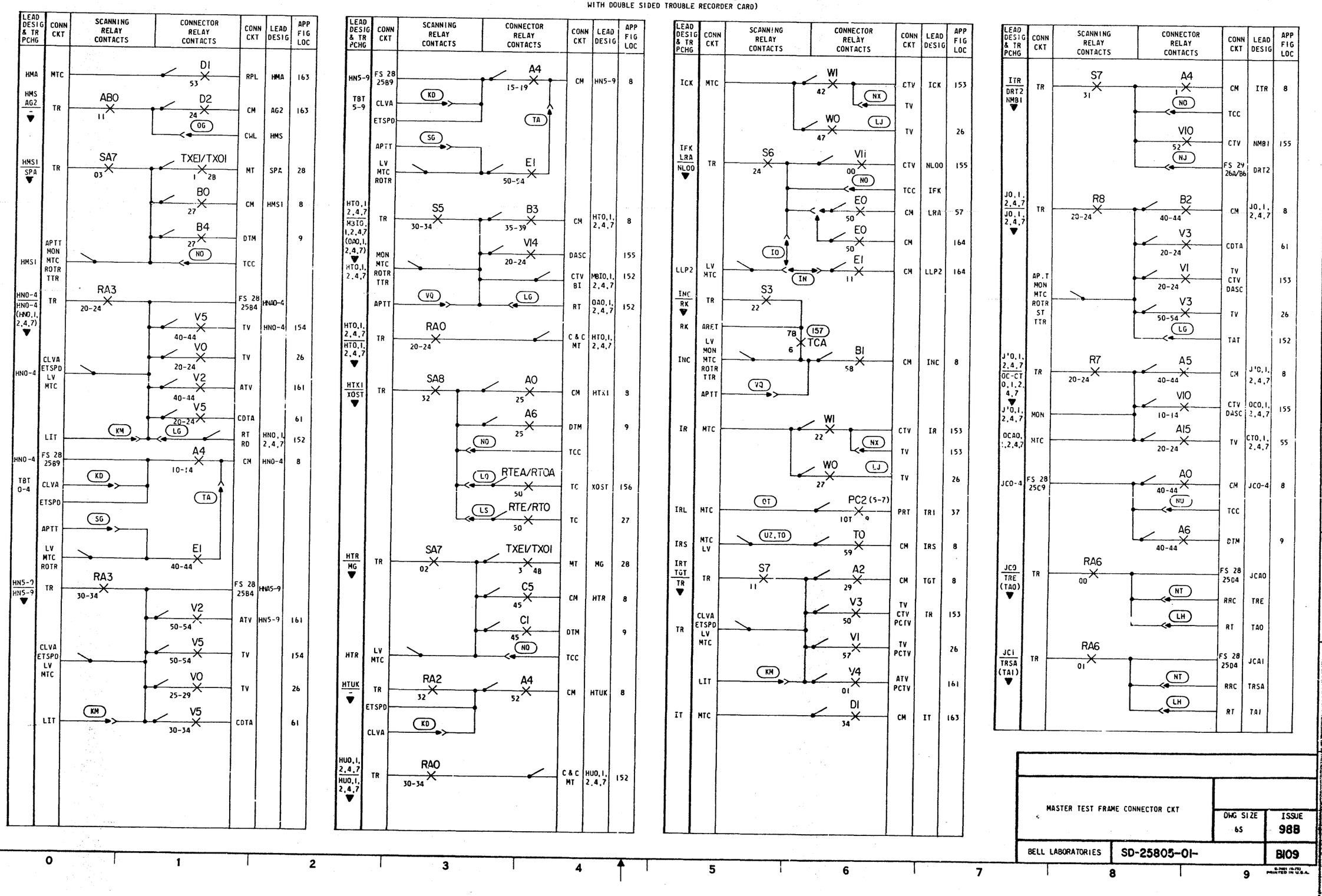


MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8108

SD-25805-01-8108

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-

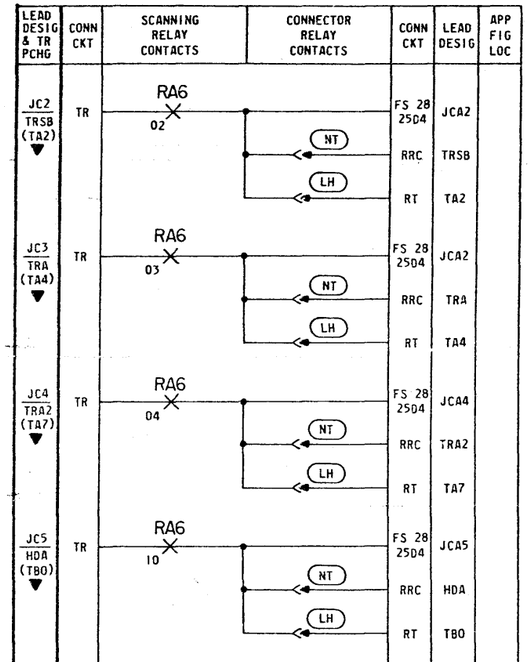
B109

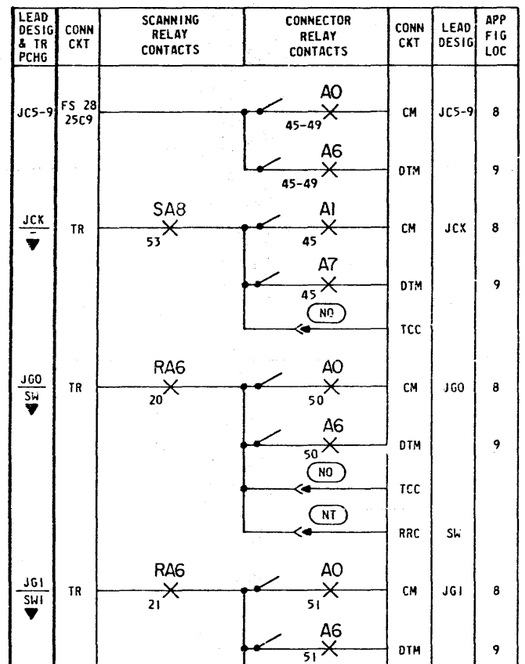
SD-25805-01-B109

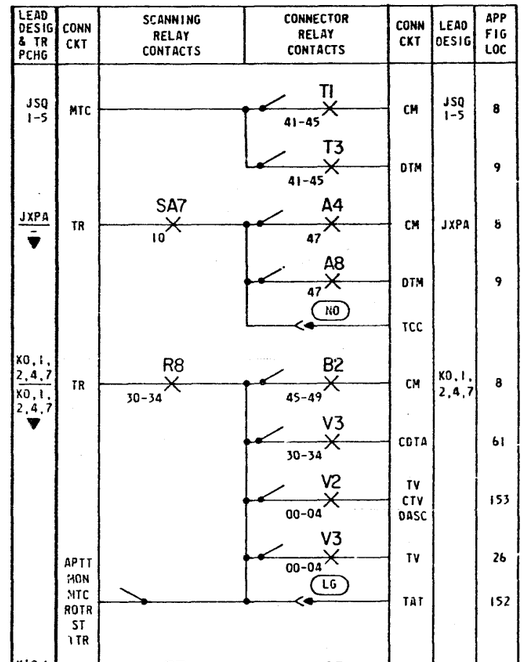
E-7401 (6-75) PRINTED IN U.S.A.

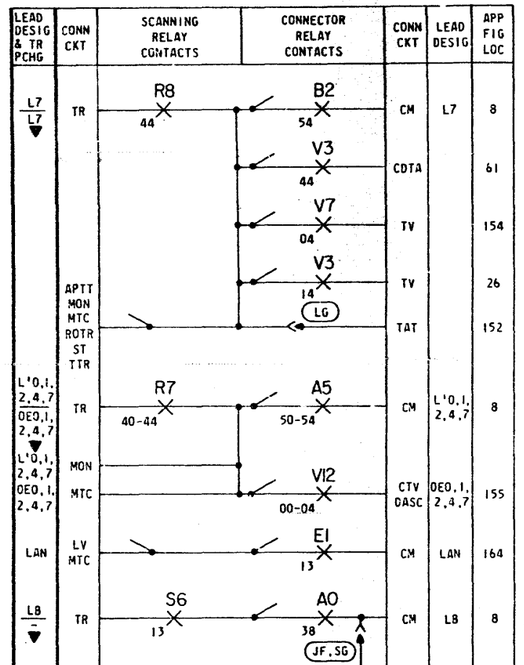
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









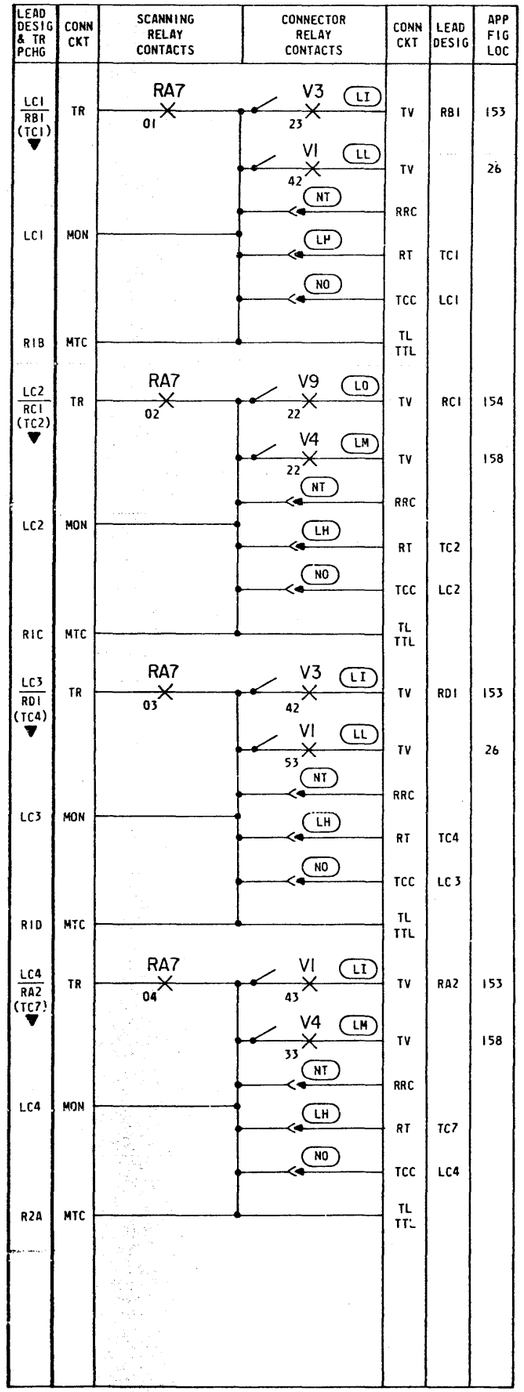
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 9E8

BELL LABORATORIES | SD-25805-01- | B110

SD-25805-01-B110

TABLE 18 (CONT)
(FOR OFFICE CONVERTING FOR USE
WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

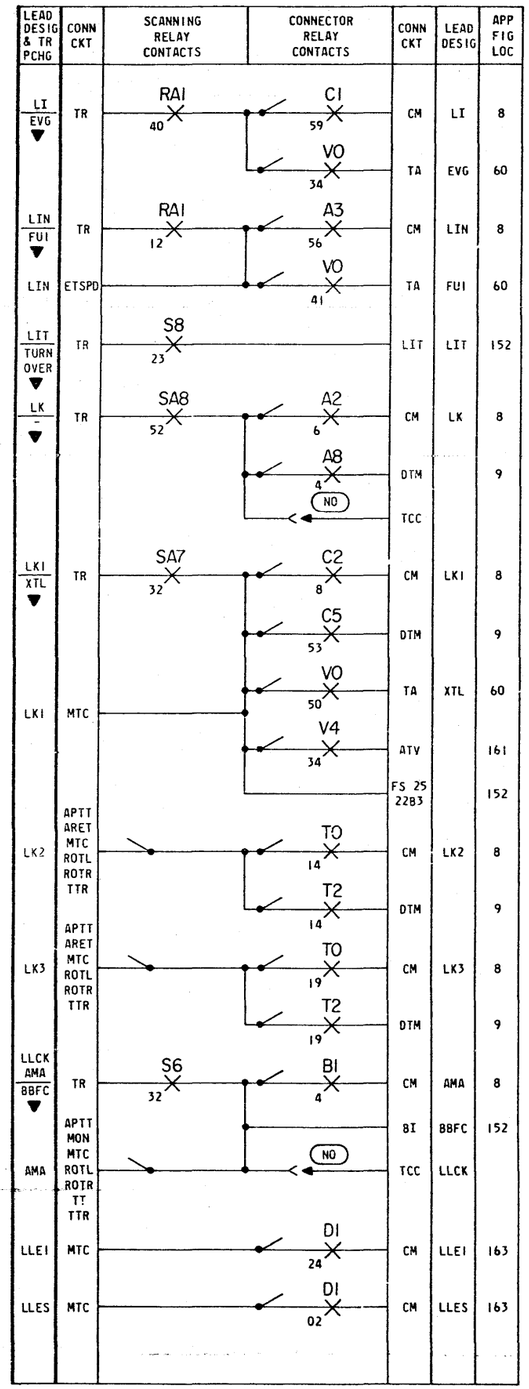
DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 8111

SD-25805-01-8111

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



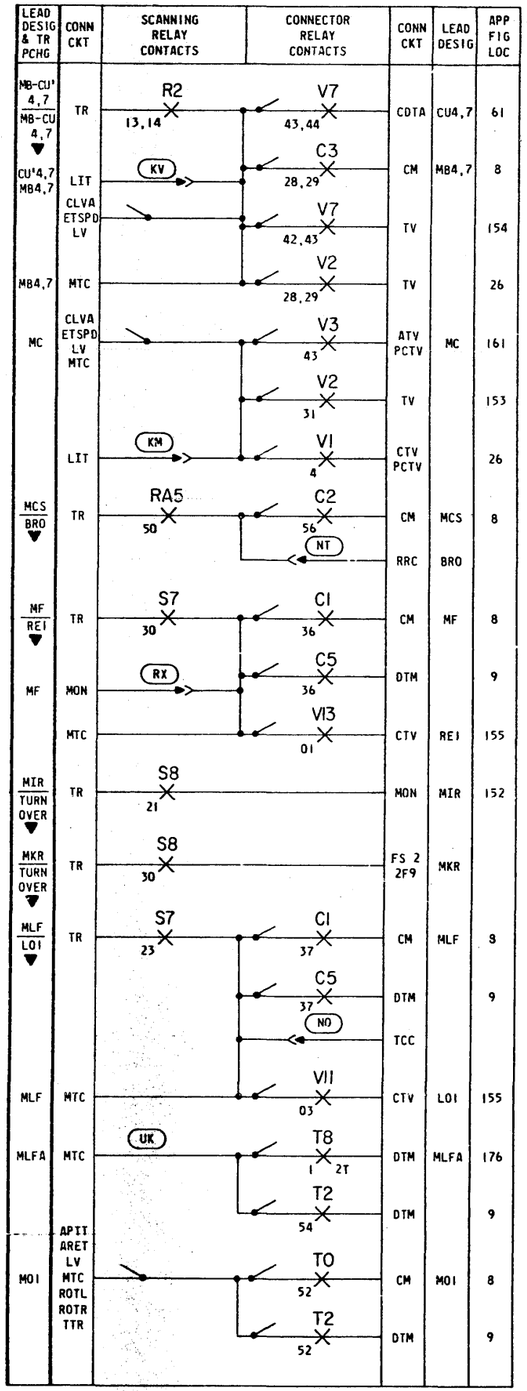
SD-25805-01-BII2

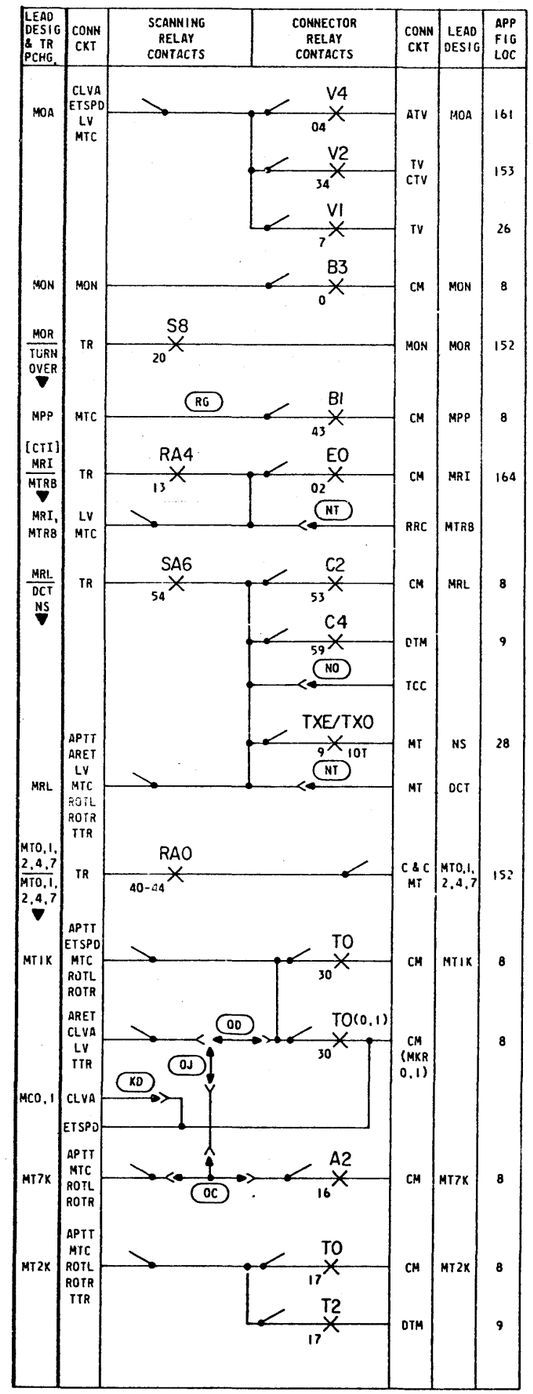
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		BII2

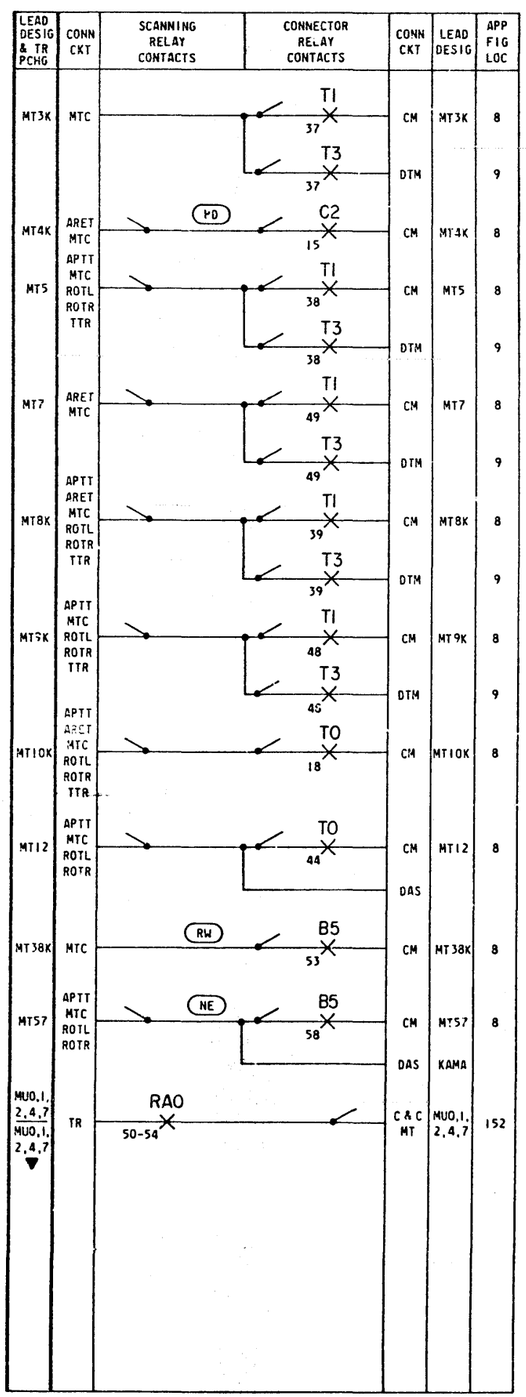
E-7460 (6-73) PRINTED IN U.S.A.

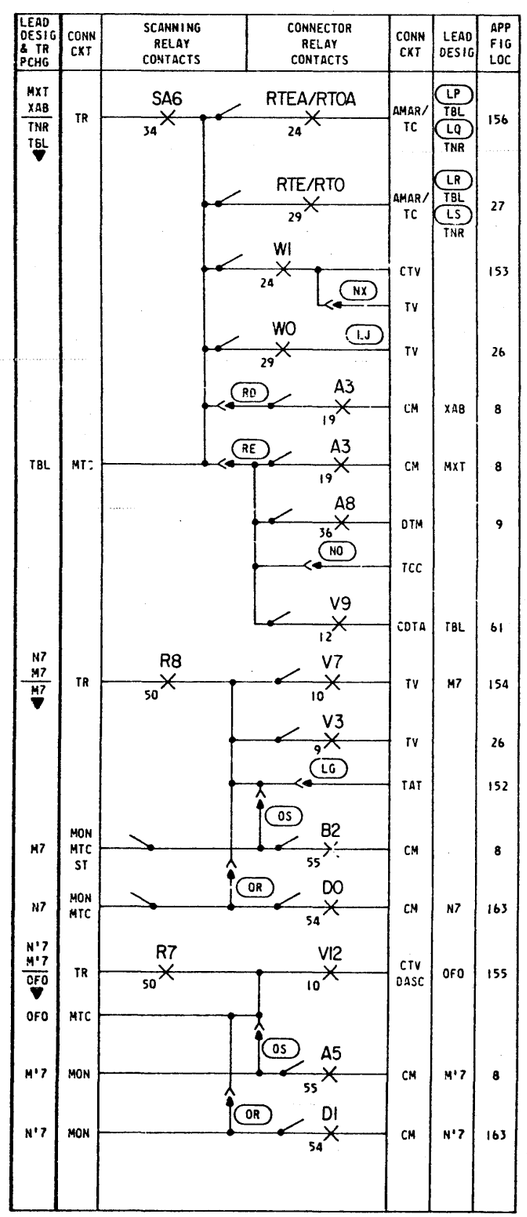
TABLE 1B (CONT)

(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- | B113

SD-25805-01-B113

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
[CGC] NAC (TTO) ▼	TR	R4 34	V2 (LI) 43	TV	NAC	153
			V1 (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	B1 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 TSQO TST (DACA) ▼	TR	RA4 00	(NT) (NO)	NGC NG&C	NGCTO	
				RRC	TST	
				TCC	TSQO	
				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 TH0,1 (RT0,1) ▼	TR	RA3 00,01	(LG) T1 20,21	RTC	RTO/1	8
				DAPC	DACO,1	152
				NGC NG&C	NGCO,1	152
			(LG)	RT	TH0,1	152
TH0,1	CLVA ETSPD LV MTC		V6 00,01	TV		154
			V0 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
			V0 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
			V0 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		V0 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 LV CLVA ETSPD		V9 11 (LG)	CDTA	DUAL	61
				RT	S4	152
NH ▼	TR	R5 53	C2 17	CM	NH	8
NN	CLVA LV MTC	(SG)				
	APTT	(KX)				
	ETSPD					
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)	V12 41	CTV DASC	ORC1	155
NOB NO8 ▼	TR	S2 22	C3 36	CM	NO8	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		T0 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		V12 40	CTV DASC	ORCO	155
NTCW	MTC	(OG)	H0 13	CM	NTCW	198
NTH	ARET MTC		T0 20	CM	NTH	8
			T2 20	DTM		9
NTT ▼	TR	R4 53	C2 54	CM	NTT	8
	MTC					
NTV8	MTC	(OG)	H0 14	CM	NTV8	198

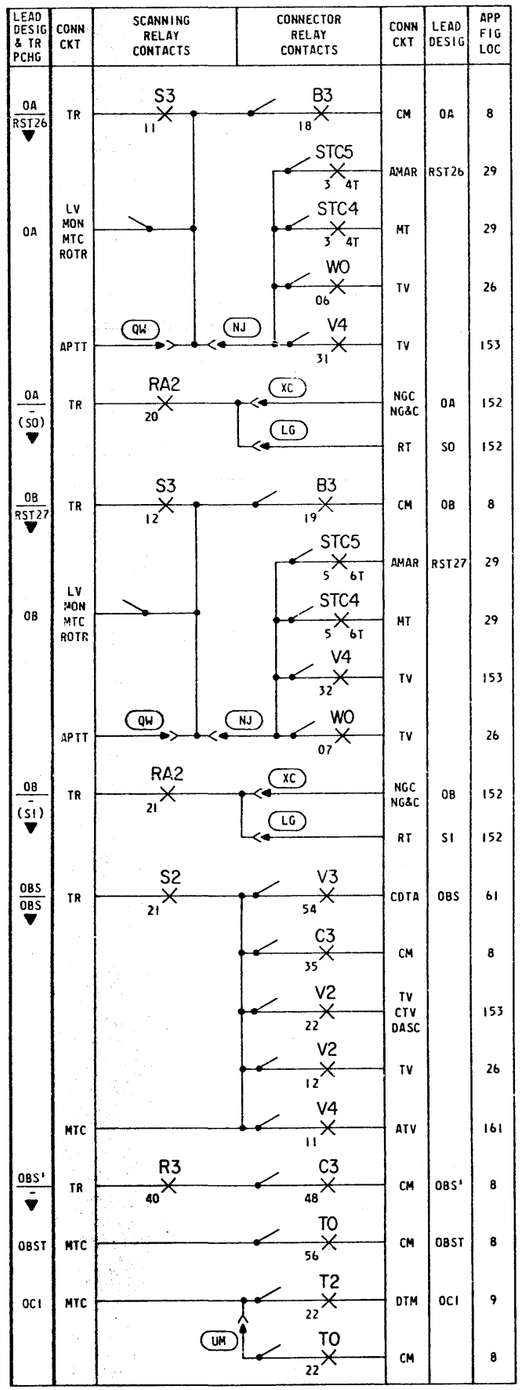
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B114

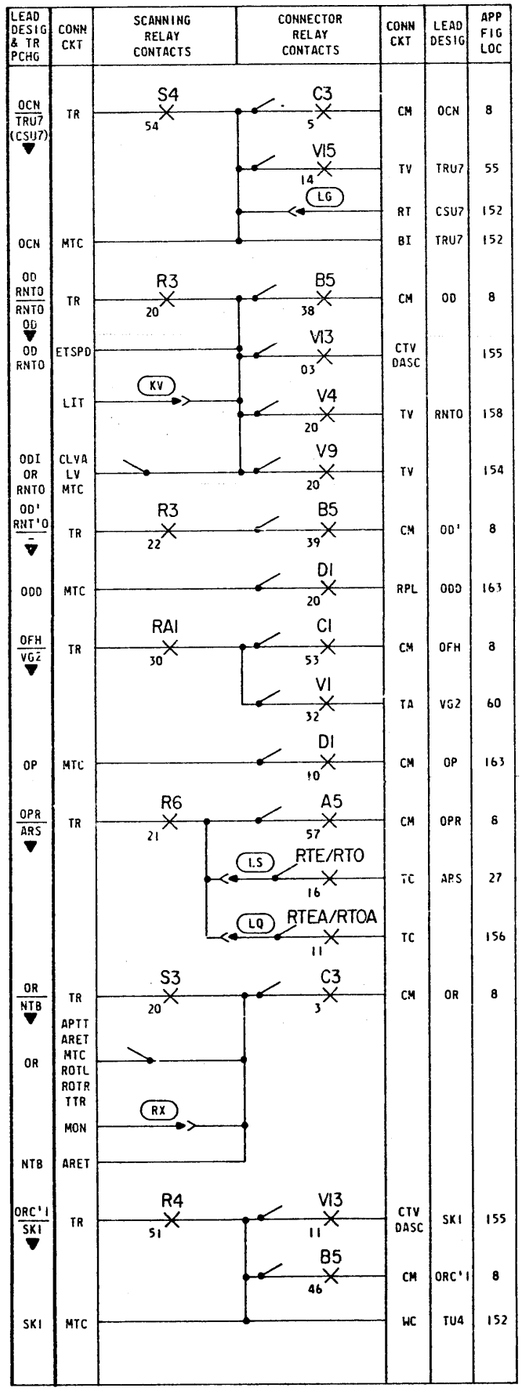
SD-25805-01-B114

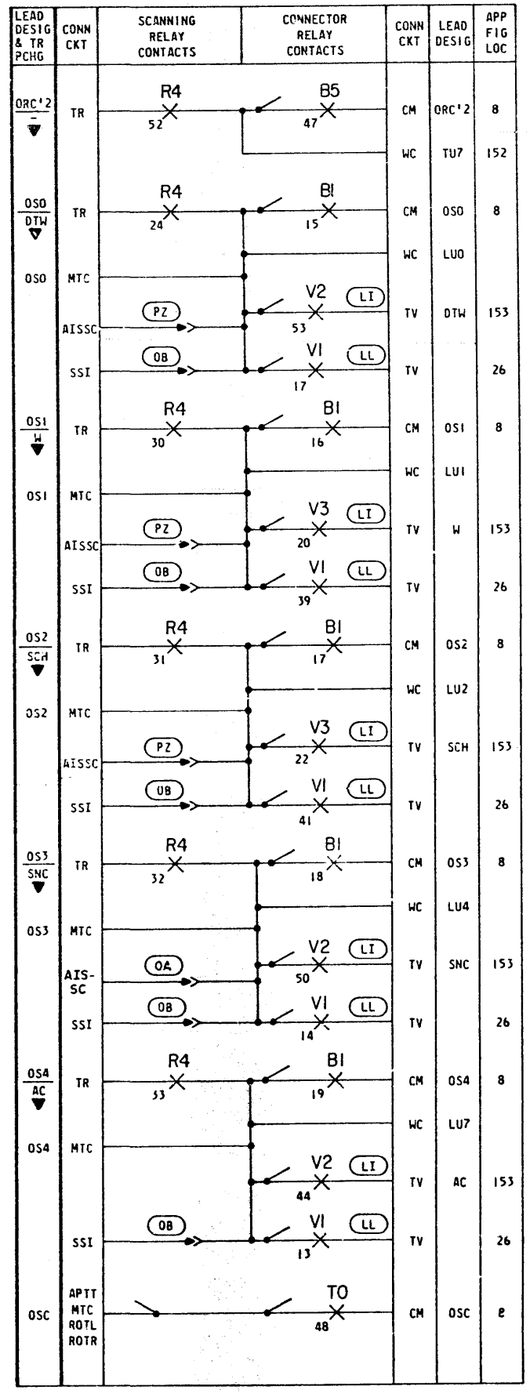
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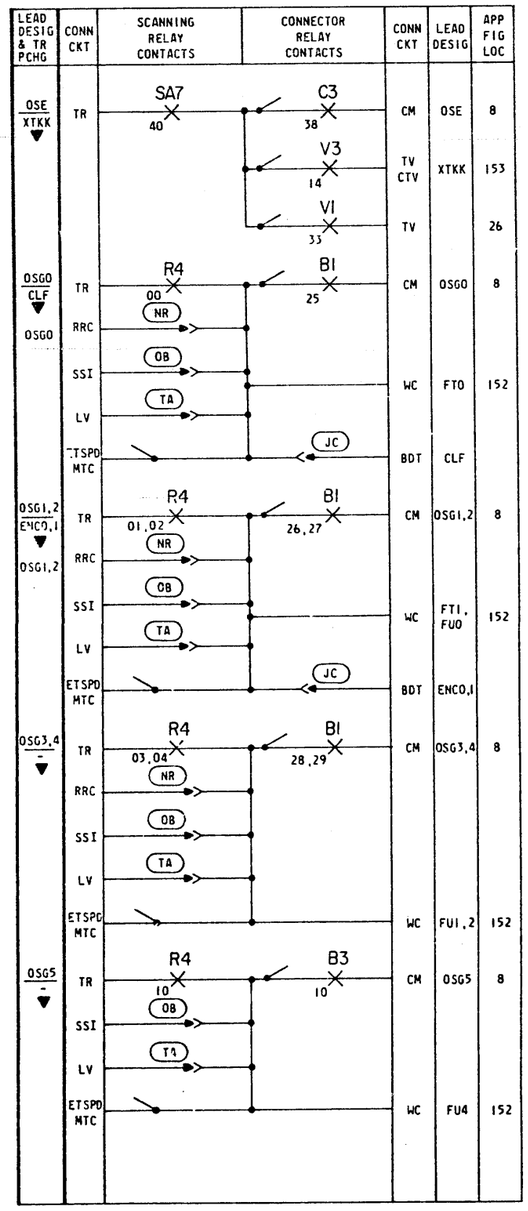
TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)









MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S / ISSUE 1008
BELL LABORATORIES	SD-25805-01- / B115

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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
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	CRT	
PA	MTC		W1 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
PBX1 SPUO	TR	RA2 40, E	C3 9, V8 50	CM	P9X1	8
PBX1	MTC			CDTA	SPUO	61
PC SP	TR	RA6 33	A1 48	CM	PC	8
			A7 48, NT	DTM		9
				RRC	SP	
PCO RGI	TR	S3 31	58 157 TCA 4	BI CTV	RGI	152
PCO	MON MTC ROTR TTR		B1 48	CM	PCO	8
	APTT	QW				
		QZ				
	LV					
PCD1 RG2	TR	S3 32	4T 157 TCA 3	BI CTV	RG2	152
PCD1	MON MTC ROTR TTR		B1 49	CM	PCD1	8
	APTT	QW				
		QZ				
	LV					
PCR RGO	TR	S3 30	6T 157 TCA 5	BI CTV	RGO	152
PCR	MON MTC ROTR TTR		B1 47	CM	PCR	8
	APTT	VQ				
		QZ				
	LV					
PD	TR	S2 01	B2 57	CM	PD	8
	MON MTC	TT				
PDK	MTC		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 0-7 PERF 0-2	TR	RA1 52-54		FS 2 2G6	PERF 0-2	
PHC RST23	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 FTI	TR	RA1 01	V0 21	TA	FTI	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 98B

BELL LABORATORIES | SD-25805-01- | B116

SD-25805-01-B116

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	E0 00 (TA)	CM	POTS	164
			E0 00 (NT)	CM		57
	CLVA ETSPD LV MTC TTR			RRC	MTRA	
PR / RB4 (DAC)	TR	RA7 23	A0 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	C0 39	CM	FLG	8
FLG	ETSPD		(NO)	TCC	PRR	
	CLVA	(KD)		FS 29 26A/B8	DRA	
PS / RNT2	TR	S2 00	B2 56	CM	PS	8
			(NO)	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
RCT2	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) (KF,RI)	A8 56 (KF,RI)	DTM		9
		(9) T2 46				
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		FS 28 25F4	RFA	
		(NT)		RRC	RD4	
RF	FS 28 25F9		A0 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
				8I	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	RAI 20	VO 44	TA	FU4	60
RI	CLVA ETSPD LV MTC		BI 8	CM	RI	8
RIP SB ▼	TR	RA4 20	UZ E0 UZ 04 TO TO	CM	RIP	8 OR 164
			B5 27			
	ETSPD LV MTC		NT	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 LO 31	TV		154
			VO LL 8	TV		26
RL OC MO ▼	TR	SA7 01	V8 04	CDTA	OC	61
			TXEI/TXOI 9 108	MT	MO	28
			A2 8 NO	CM	RL	8
				TCC		
RLA	MTC		V3 41	ATV	RLA	161
			VI 9	iV		26
RN-SPC-ITC-0 CGA ▼			V2 41	TV CTV PCTVC		153
	TR	R3 00	C3 37	CM	ONN	8
ONN RN-SPC-ITC-1 CGB ▼	MTC		V7 50	CDTA	CGA	61
	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	MTC					
RN-SPC-ITC-3 MTO ▼	TR	R3 03	C3 13	CM	YS 3FB YT 3NA	8
YS 3FB YT 3NA	MTC		V7 13	CDTA	MTO	61
RN-SPC-ITC-4 MTI ▼	TR	R3 04	C3 14	CM	YT 4NE YS 4TT	8
YT 4NE YS 4TT	LV MTC		V7 14	CDTA	MTI	61
RN-SPC-ITC-5 MUO ▼	TR	R3 10	C3 15	CM	YS 5MT YT 5ST	8
YS 5MT YT 5ST	MTC		V7 20	CDTA	MUO	61
RN-SPC-ITC-6 MU1 ▼	TR	R3 11	C3 16	CM	YS 6FT YT 6NT	8
YS 6FT YT 6N1	LV MTC		V7 21	CDTA	MU1	61
RN-SPC-ITC-7 MU2 ▼	TR	R3 12	C3 17	CM	YT 7RN YS 7TP	8
YT 7RN YS 7TP	MTC		V7 22	CDTA	MU2	61
RN-SPC-ITC-8 MU4 ▼	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				
RN4,7	ETSPD CLVA LV MTC		VI 33,34	TV CTV		153
	LIT	KY	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 TV		153
			VI 39 LJ	TV		26

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 8118

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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
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 2 (NJ)	A2 15	CM	RNT20	8
	MTC					
RO	TR	S3 44	BI 59	CM	RO	8
	MON MTC					
RO'	TR	R4 40 (PZ)	A2 1	CM	RO'	8
	MTC			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	T0 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 35-38 (ZM)	TRC IRMC	RPO	8
			(ZN)	TRC IRMC	1,2,3	152
			(NO)	TCC	RAO, 1,2,3	
RP-RA 4	TR	S6 12	BI 39 (ZM)	TPC IRMC	RP4	8
			(ZN)	TRC IRMC		152
			(NO)	TCC	RA4	
RPAB 4W	TR	S6 01	V6 40 (LN,UI)	TV	4W	154
			V4 44 (LK,UI)	TV		158
			BI 6 (Q)	TRC IRMC	RPAB	8
4WT	CLVA ETSPD LV MTC		(ZP)	TRC IRMC		152
RPB 2W	TR	S6 00	V6 34 (LN,UI)	TV	2W	154
			V4 43 (LK,UI)	TV		158
2WT	LIT	(KV)	BI 5 (Q)	TRC IRMC	RPB	8
	CLVA ETSPD LV MTC		(ZP)	TRC IRMC		152

LEAD DESIG & TR 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 40 (ZQ)	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	RSO	8
RSO	ETSPD MTC ROTR		(NO)	TCC	TPO	
	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	
RS2	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 / BLO, 1, 2, 4	TR	RA5 40-43	C2 25-28	CM	RS5-8	8
RS5-8	MTC		(NT)	RRC	BLO, 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

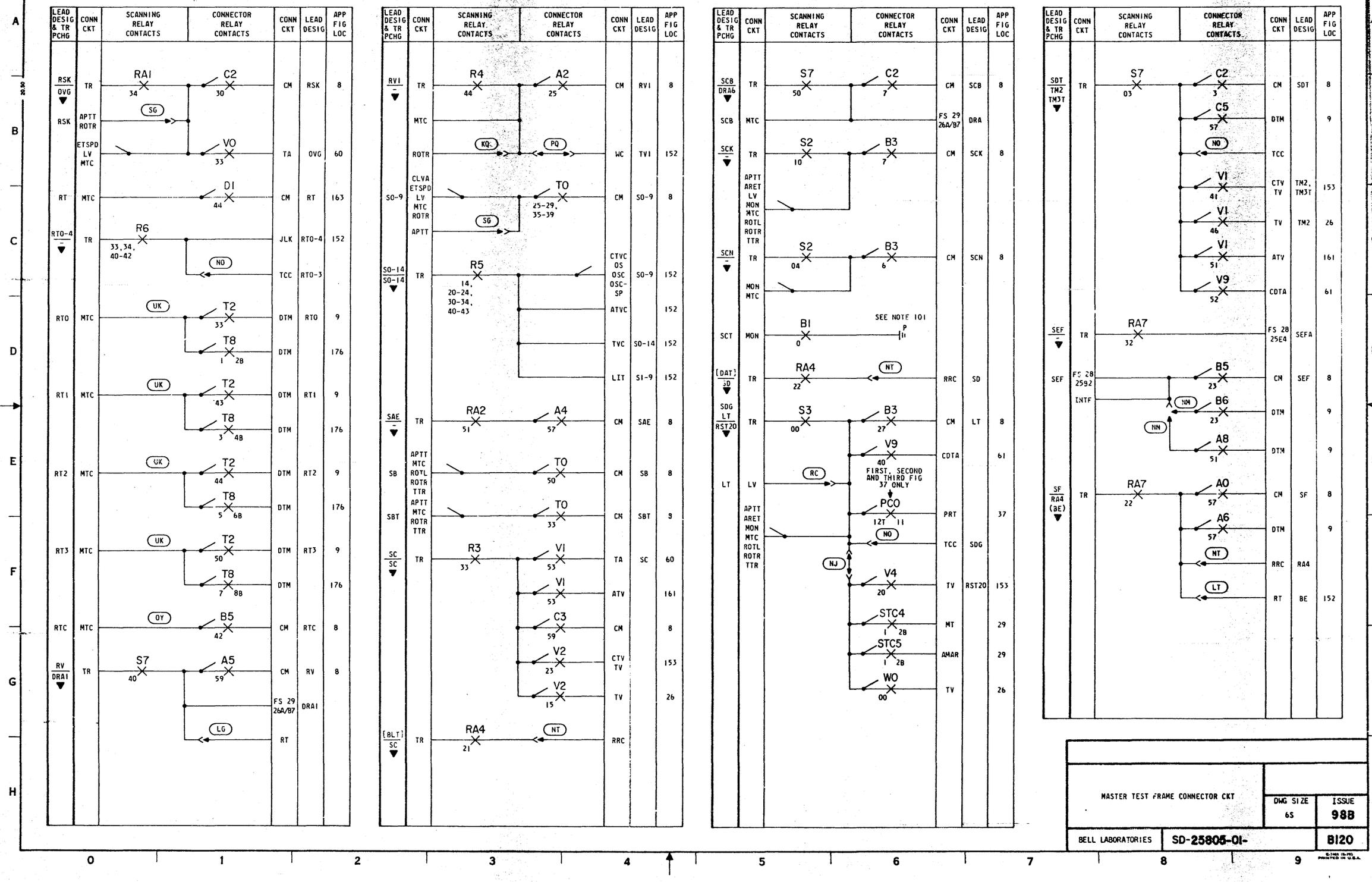
DWG SIZE 6S | ISSUE 99A

BELL LABORATORIES | SD-25805-01- | B119

SD-25805-01-B119

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



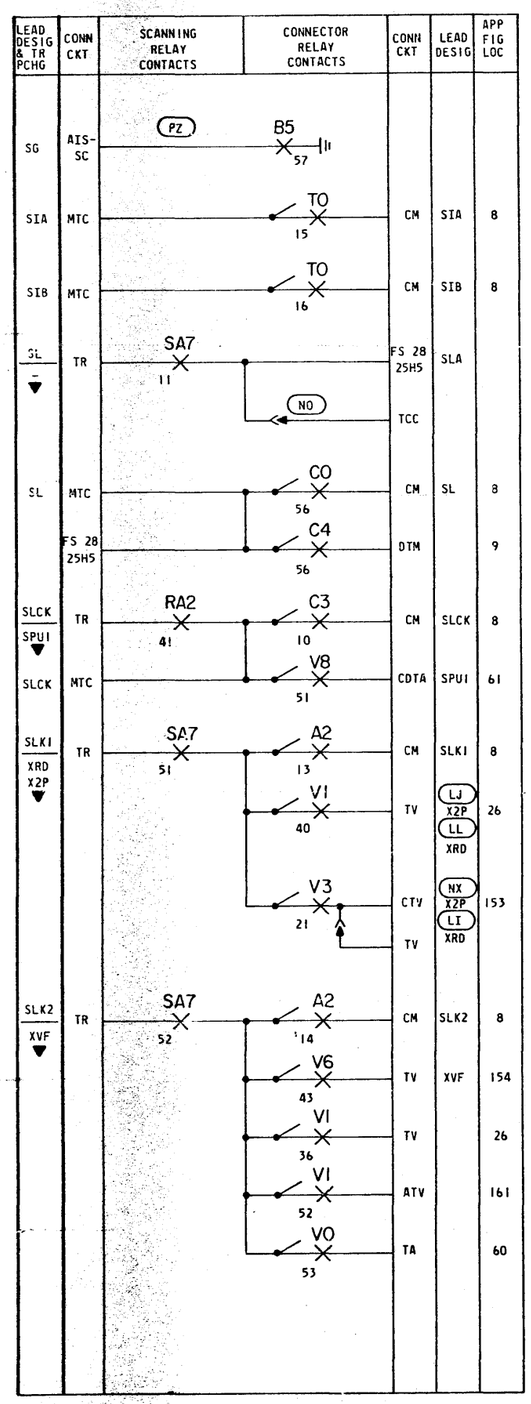
MASTER TEST FRAME CONNECTOR CKT

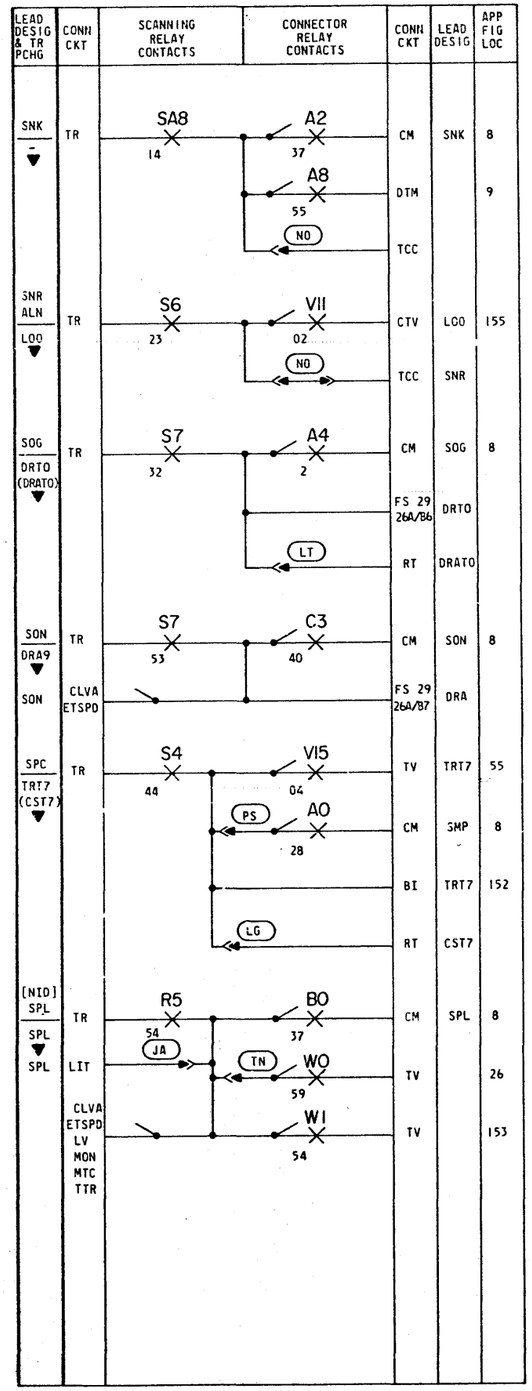
BELL LABORATORIES	SD-25805-01-	DWG SIZE 6S	ISSUE 988
			B120

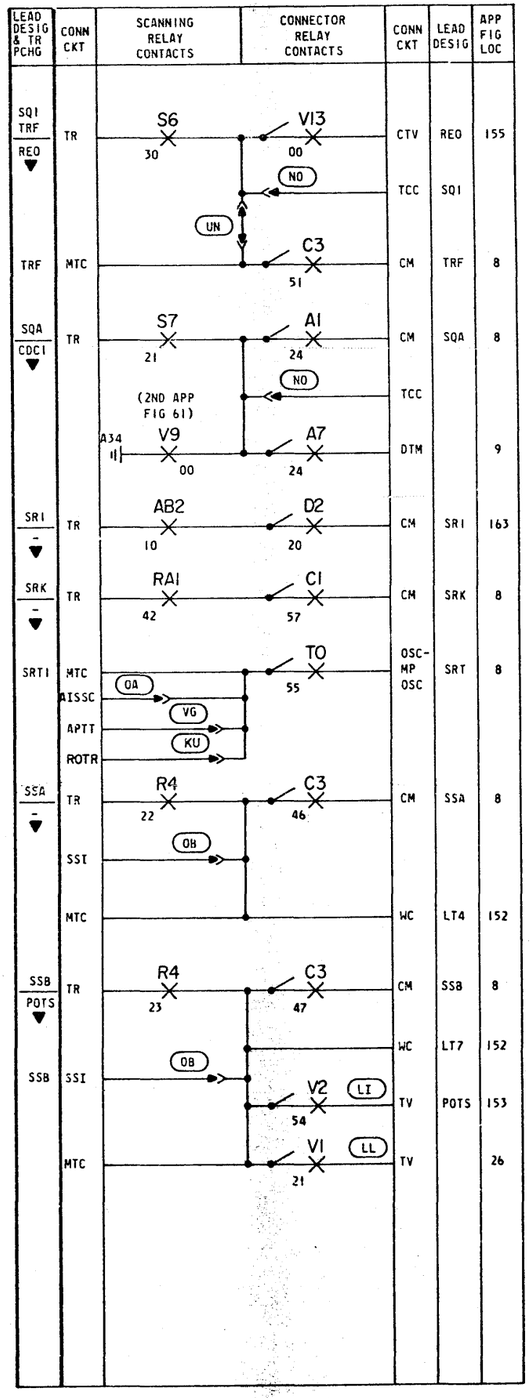
SD-25805-01-B120

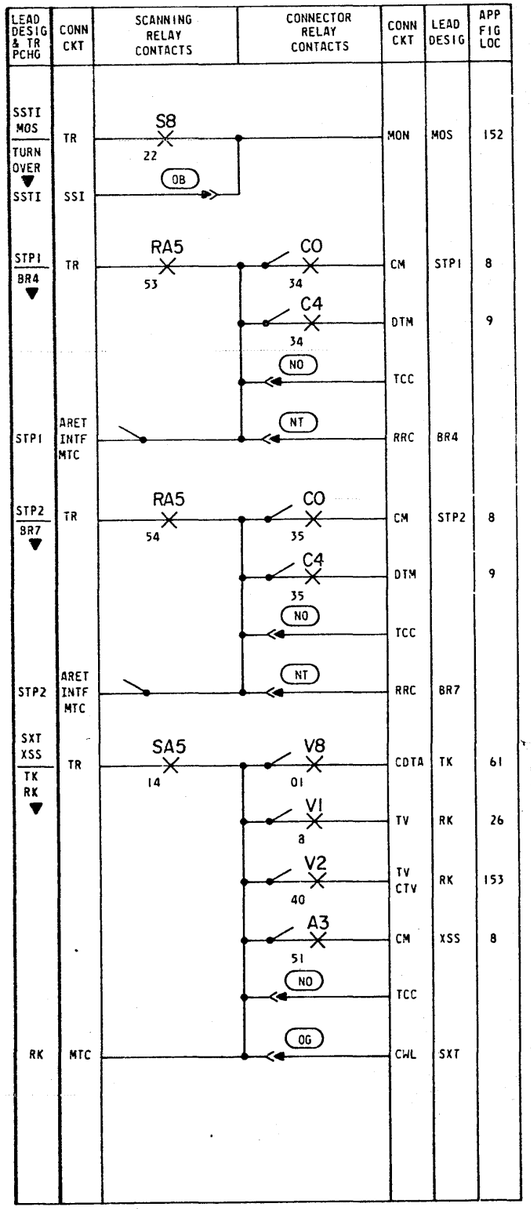
TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE
WITH DOUBLE SIDED TROUBLE RECORDER CARD)







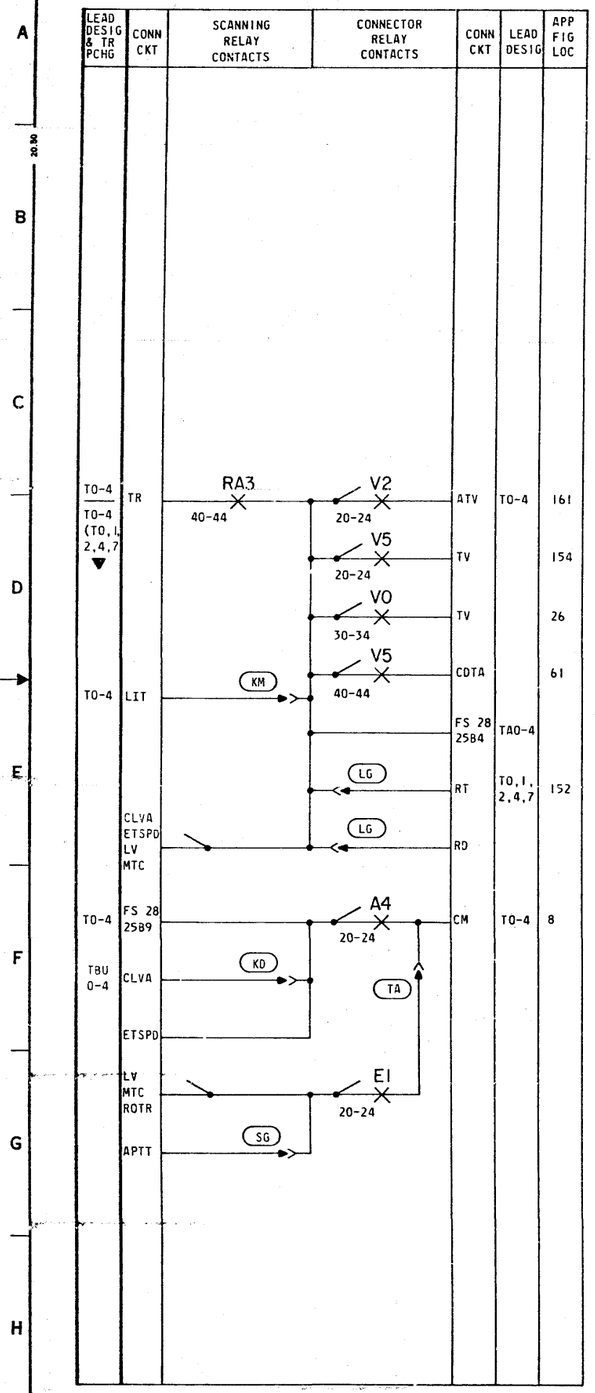


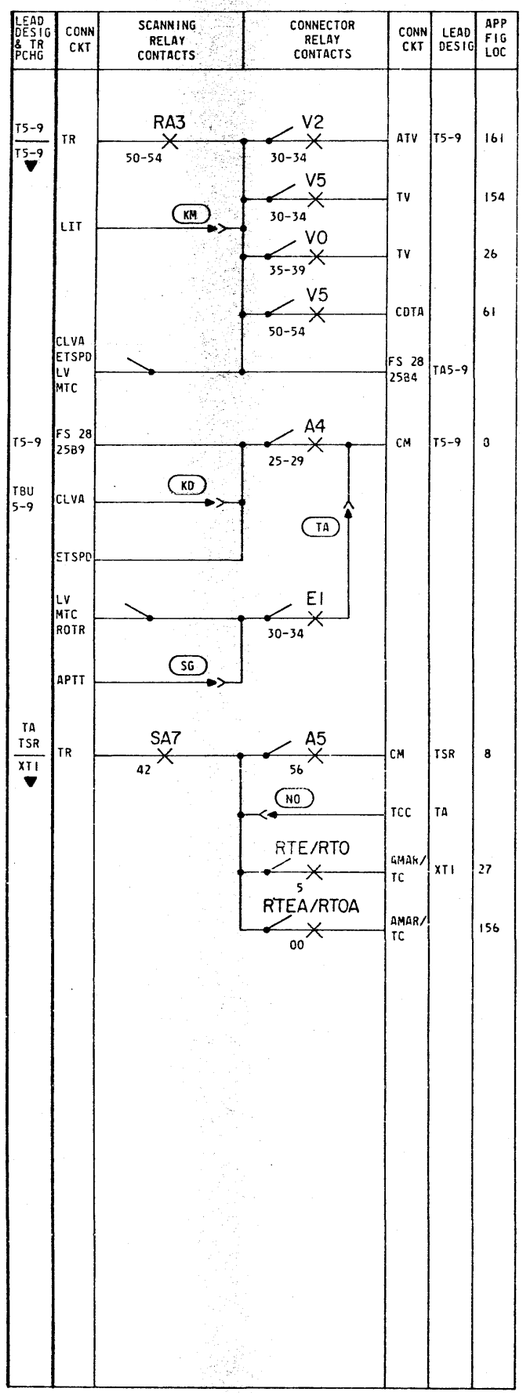
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-	B121

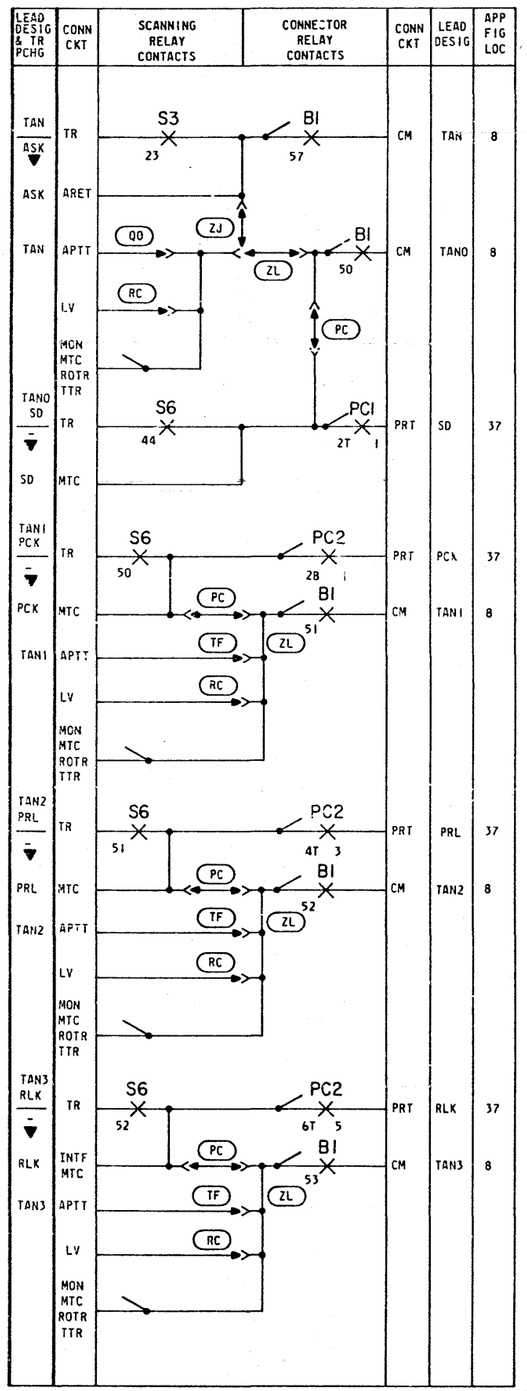
SD-25805-01-B121

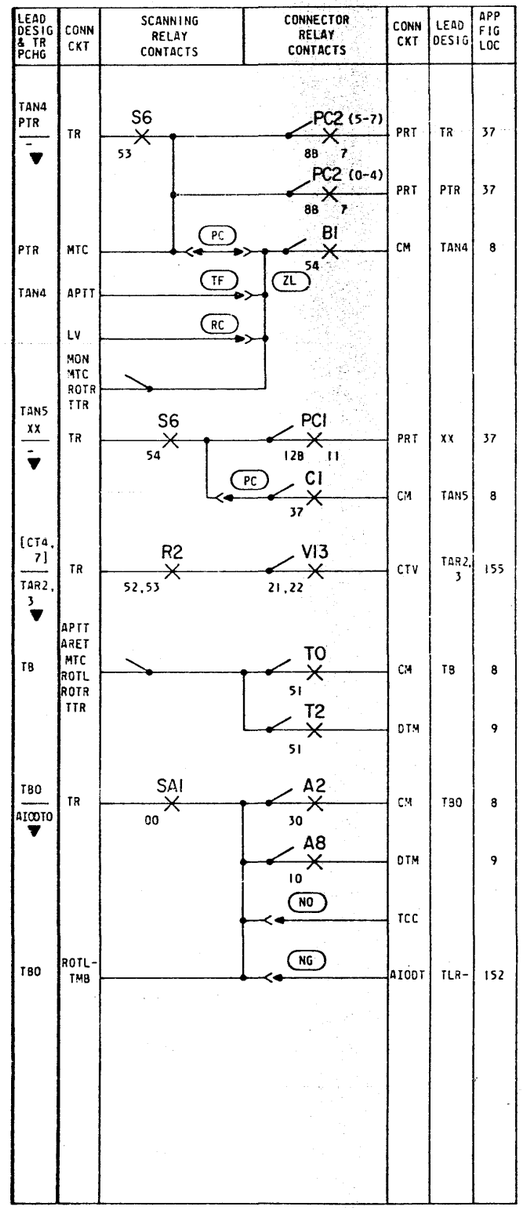
TABLE IB (CONT)

(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- 8122

SD-25805-01-8122

E-7401 (6-79) 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
TB1,2 / AIODT1,2	TR	SAI 01,02	A2 31,32	CM	TB1,2	8
			NO	TCC		
TB1,2	ROTL-TMB		NG	AIODT	TLR-	152
TB3,4	TR	SAI 03,04	A2 33,34	CM	TB3,4	8
	ROTL-TMB		NO	TCC		
TB5	TR	SAI 10	A2 35	CM	TB5	8
	ROTL-TMB		NO	TCC		
TB6,7	TR	ABI,0 3,3	DO 20,21	CM	TB6,7	163
	ROTL-TMB		NO	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
TBK	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
TBSO,1	TR	SAI 51,52	E0 10,11	CM	TBSO,1	164
	CLVA ETSPD LV MTC		NO	TCC	TTCO,1	152
TBS2,3 / TLR 30,31	TR	SAI 53,54	E0 12,13	CM	TBS2,3	164
TBS2,3	CLVA ETSPD LV MTC		LC	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
TC1	TR	SA8 02	C5 41	DTM	TC1	9
			CI 41	CM		6
	MTC		NO	TCC		
TCA MAN / PPSP	TR	S2 12	V9 23	CDTA	PPSP	61
			A6 27	DTM	MAN	9
			PR A0 27	CM		8
			PC			
TCA	MON MTC LV ROTR TTR		B3 30	CM	TCA	8
	APTT		TF VB	FS 27 24BO		
	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 A0 28	CM		8
			PC			
TCB	MON MTC ROTR TTR		B3 31	CM	TCB	8
	APTT		VO			
	LV		RC			
TCC	MTC		B3 32	CM	TCC	8
	APTT		LY			
	MON		RZ			
TCGA / CKLS	TR	RA4 33	B5 SB 31	CM	TCGA	8
			NT	RRC	CKLS	
TCGB / CKRS	TR	RA4 34	B5 SB 32	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	DTM		9
	ARET MTC		NO	TCC		
TCK CLK / DRO	TR	RA7 50	A2 19	CM	CLK	8
			NT	RRC	DRO	
			NO	TCC	TCK	
TCK1 / -	TR	RAI 41	CI 55	CM	TCK1	8
TCT	MTC		WI 41 NX	CTV TV	TCT	153
			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

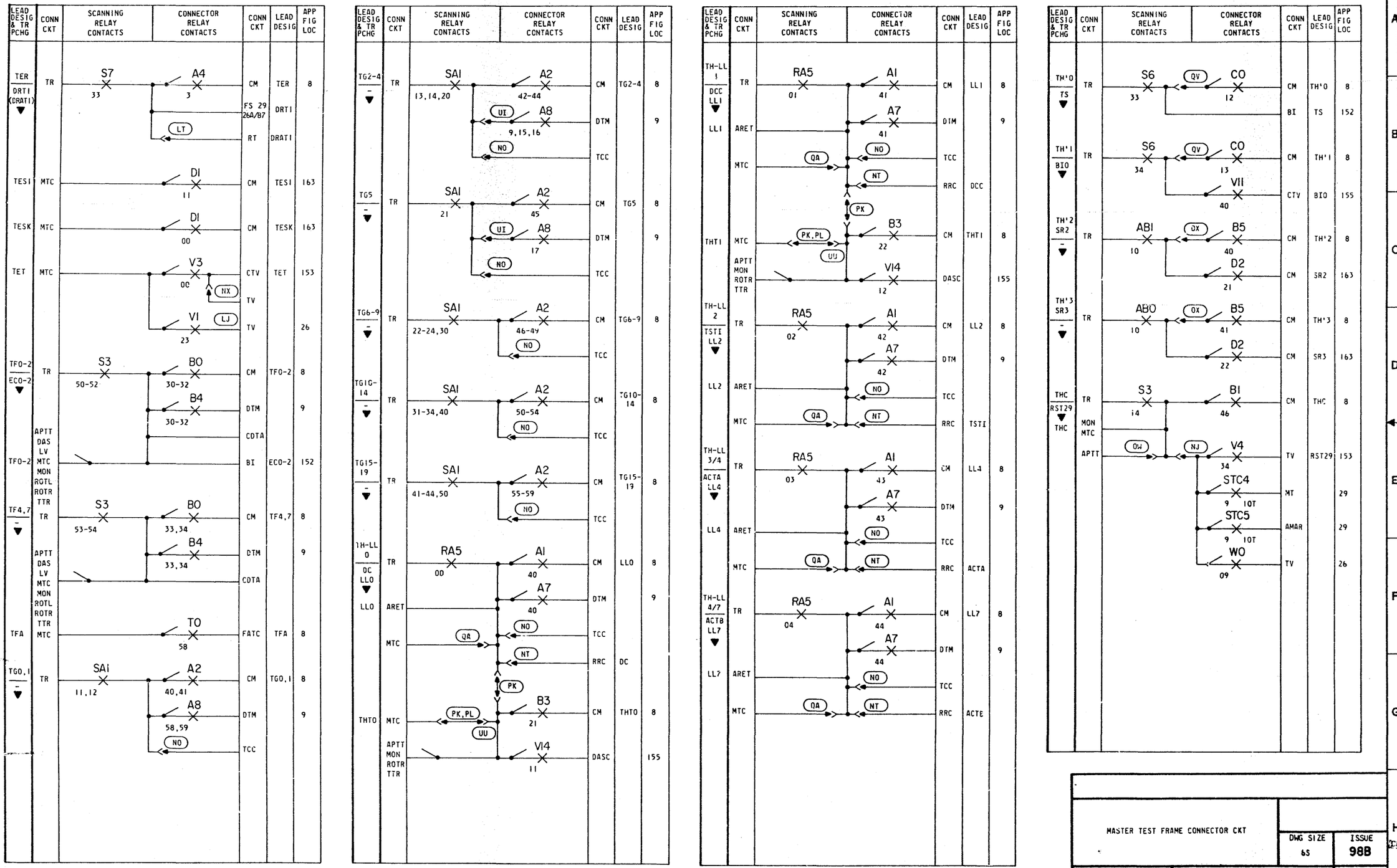
DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | B123

SD-25805-01-B123

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- | Bi24

SD-25805-01-Bi24

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		
			TXE1/TX01 7 8T	MT	RN	28
TKT / TKT▼	TR	S8 10	LG	MTC RT	TKT	152
TLE1	MTC		D1 23	CM	TLE1	163
TLES	MTC		D1 01	CM	TLES	163
TLH	LV MTC		C0 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	V0 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	QY				
	MTC	KD				
	CLVA					
TOB OBS2 / SPC▼	TR	S2 20	V3 51	CDTA	SMPA	61
			C5 51	PTM	OBS2	9
			C2 1	CM	OBS2 WZ 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	ETSPC			FS 29 264/87	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

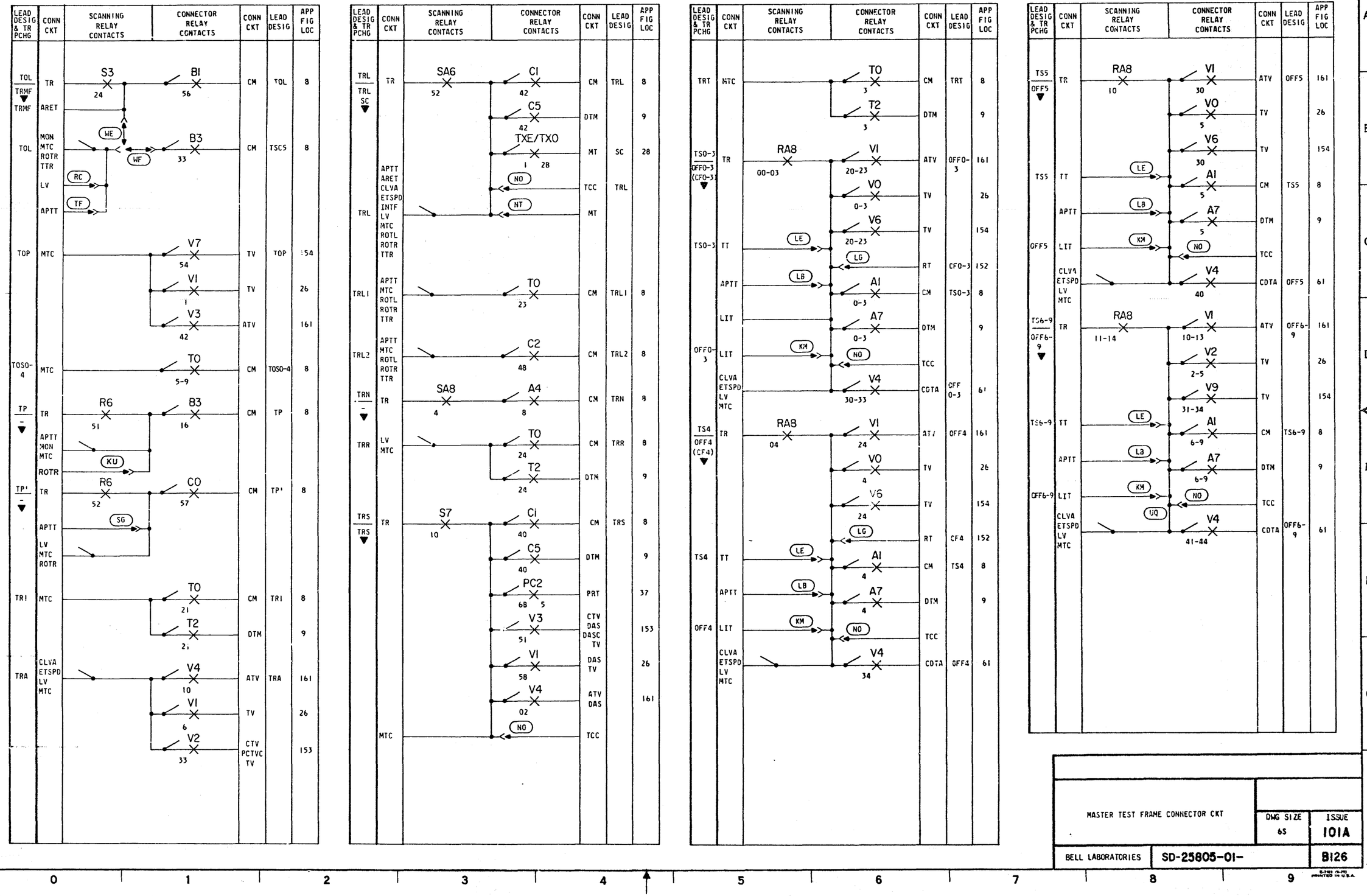
ISSUE 988

BELL LABORATORIES SD-25805-01- 8125

SD-25805-01-8125

TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

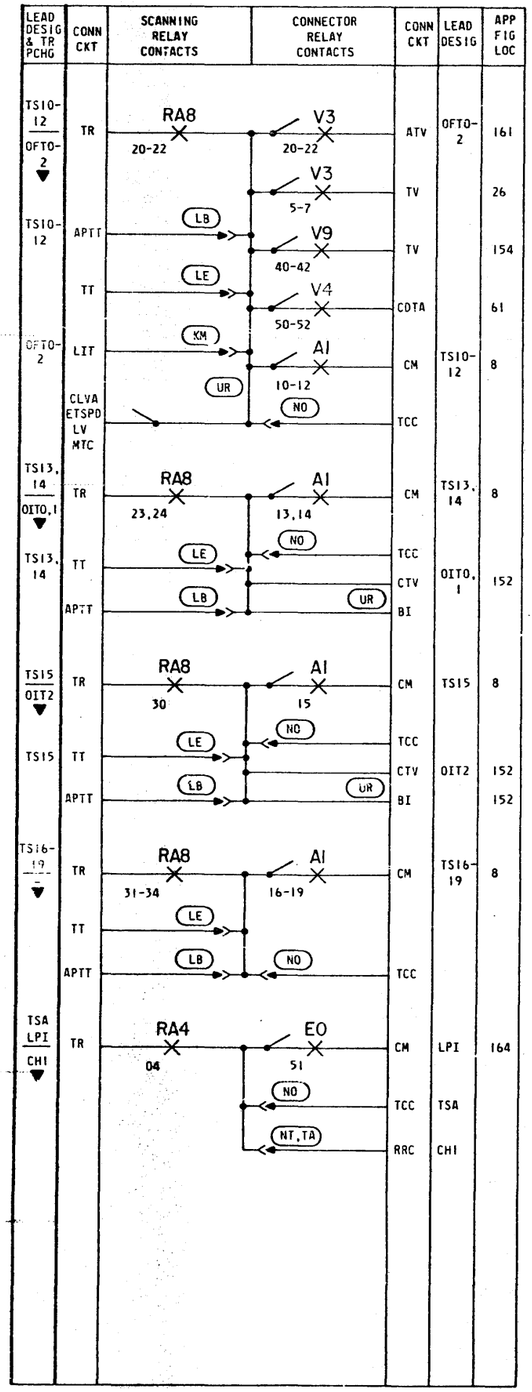
ISSUE 101A

BELL LABORATORIES SD-25805-01- 8126

SD-25805-01-8126

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)

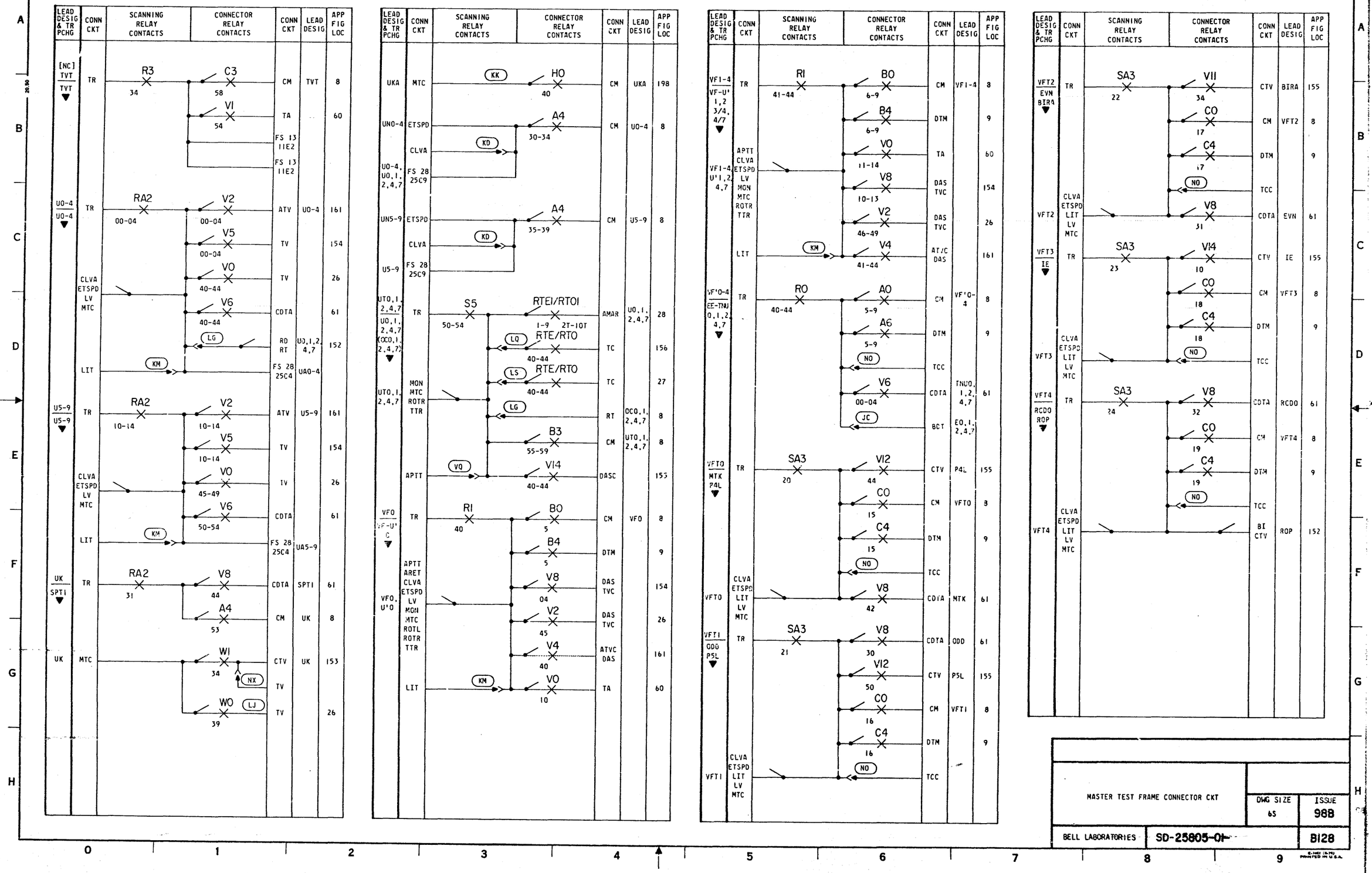


MASTER TEST FRAME CONNECTOR CKT	DWG SIZE	ISSUE
	6S	98B
BELL LABORATORIES	SD-25805-01-	B127

SD-25005-01-B127

TABLE IB (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)



MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

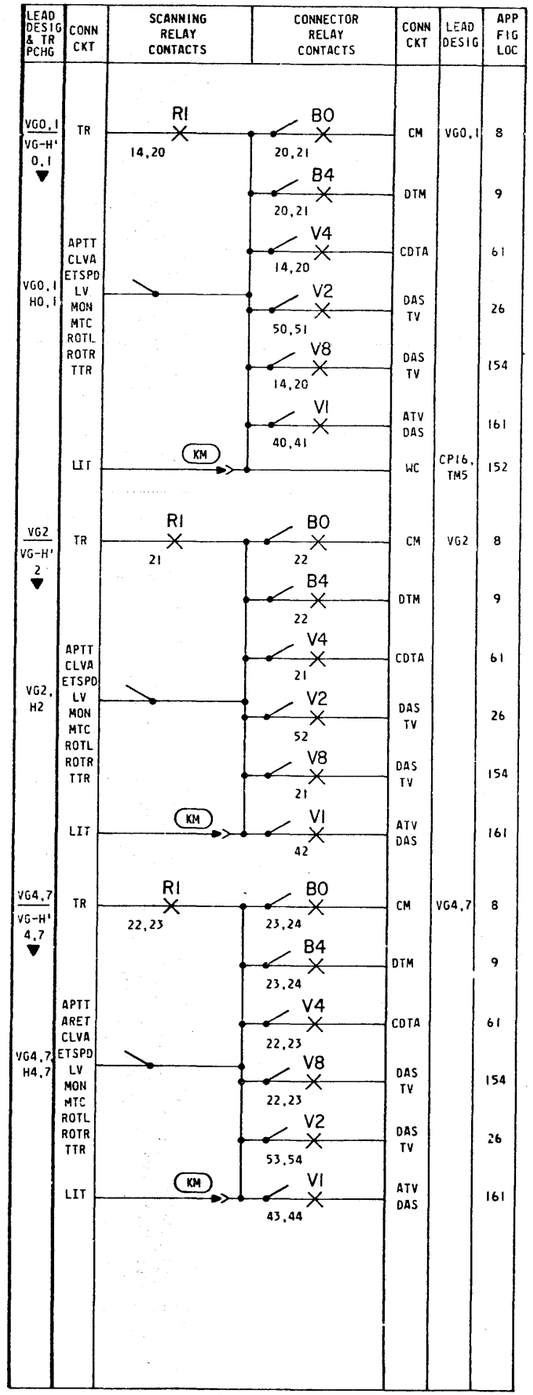
BELL LABORATORIES | SD-25805-01 | 8128

PRINTED IN U.S.A.

SD-25805-01-8128

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-		8129

SD-25805-01-8129

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
VGT8 / TST D ▼	TR	SA4 44	TXE/TXO 3 4T	MT	D	28
			CO 8	CM	VGT8	8
			C4 8	DTM		9
			NO	TCC		
	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		
	CLVA ETSPD LIT LV MTC ST		NT	MT	RTRS	
VGT10 / 3ANT SP ▼	TR	SA4 51	TXE/TXO 3 48	MT	SP	28
			CO 10	CM	VGT10	8
			C4 10	DTM		9
			NO	TCC		
	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		
	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
VTK1 / XRL1 ▼	TR	SA8 31	A2 28	CM	VTK1	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		
			V1 40	CTV TV	TM2T	153
			V1 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
X11	MON MTC RGTL ROTR TTR		V9 42	COTA		61
	APTT	SX	NJ W0 04	TV	RST24	26
			V4 24	TV		153
			STC4 9 108	MT		29
			STC5 9 108	AMAR		29
XAN / TBY ▼	TR	SA5 51	B0 39	CM	XAN	8
			V6 54	TV	TBY	154
			V1 19	TV		26
			V9 54	COTA		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	V1 LJ 49	TV	EXT	26
			V3 33 NX	CTV		153
				TV		
			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	P5	153
				TV		
			V1 LJ 12	TV		26
XCL / TEA ▼	TR	SA6 00	V1 LJ 17	TV	TEA	26
			V2 53 NX	CTV		153
				TV		
			A3 7	CM	XCL	8
			UK A8 19	DTM		9
			NO	TCC		
XCLC / CI1 ▼	TR	SA5 32	V1 LJ 13	TV	CI1	26
			V2 44 NX	CTV		153
				TV		
			A3 16	CM	XCLC	8
XCP / - ▼	TR	SA6 04	A3 10	CM	XCP	8

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B130

SD-25805-01-B130

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 20	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 (LJ) 3	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	(LP) RTEA/RTOA 04	AMAR	PTS	156
			(LR) RTE/RTO 9	AMAR		27
			A3 21	CM	XF	8
			A8 21	DTM		9
[DTI] XFG / LCP CI3	TR	SA5 23	VI 15	TV	(LJ) CI3 (LL) LCP	26
			V2 51	CTV	CI3	153
				TV	(NX) CI3 (LI) 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 68	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		153
				TV		
			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
			(LR) RTE/RTO 16	AMAR		27
			(LP) RTEA/RTOA 11	AMAR		156
			WO (LJ) 16	TV		26
			A3 22	CM	XJC	8
			A8 22	DTM		9
			(NO)	TCC		
PT	MTC					
XJG / PAK	TR	SA6 23	(LR) RTE/RTO 3	AMAR	PAK	27
			(LP) RTE/RTO 3	AMAR		156
			A3 23	CM	XJG	8
			A8 23	DTM		9
			(NO)	TCC		

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 9BB

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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
			(NO)	TCC		
CK	MTC					
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
			(NO)	TCC		
DS	MTC					
XLF / RTST TEN ▼	TR	SA4 53	(NT)	MT	RTST	
			TXE1/TX01 3 4T	MT	TEN	28
			EO (TA) 44	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
			V4 21	ATV	GC	161
CKG	CLVA ETSPD LV		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
			(NO)	TCC		
PI	MTC					
XLS / CK CK1 ▼	TR	SA5 03	V4 03	ATV	CK1	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

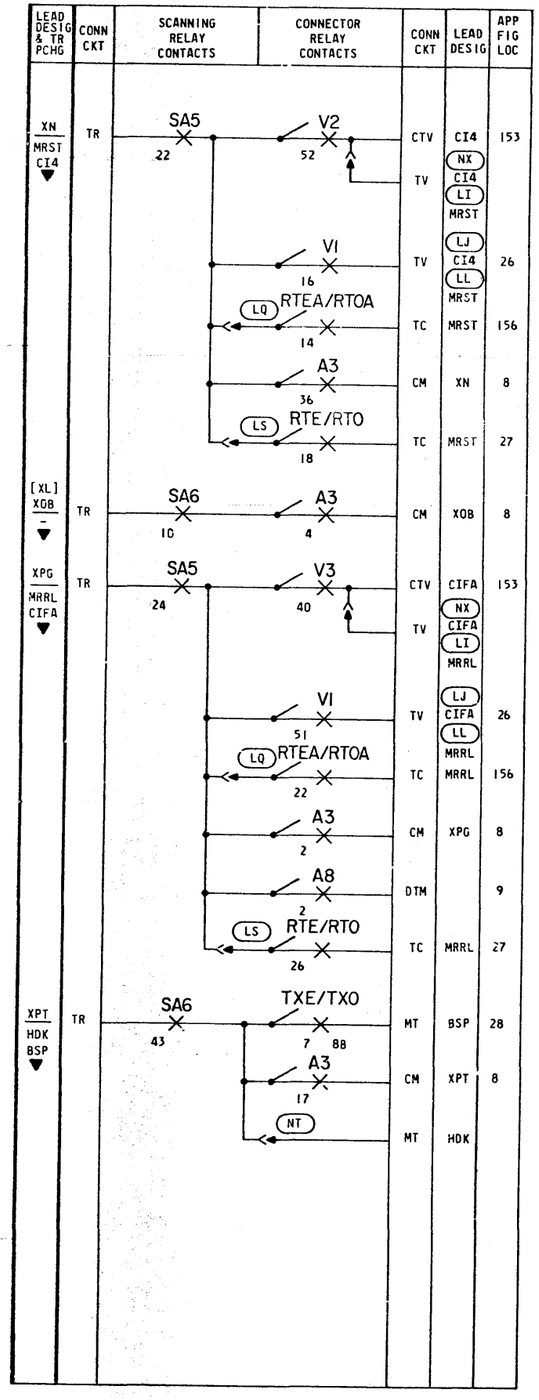
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLV / RD ▼	TR	SA6 33	RTEA/RTOA 23	AMAR/TC	RD	156
			RTE/RTO 28	AMAR/TC		27
			WI 23	CTV TV		153
			WO 28	TV		26
			A3 30	CM	XLV	8
			A8 30	DTM		9
RD	MTC		(KB) (NO)	TCC		
(XHG1) XMB / — ▼	TR	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 ETSPO LV MTC		(NO)	TCC		

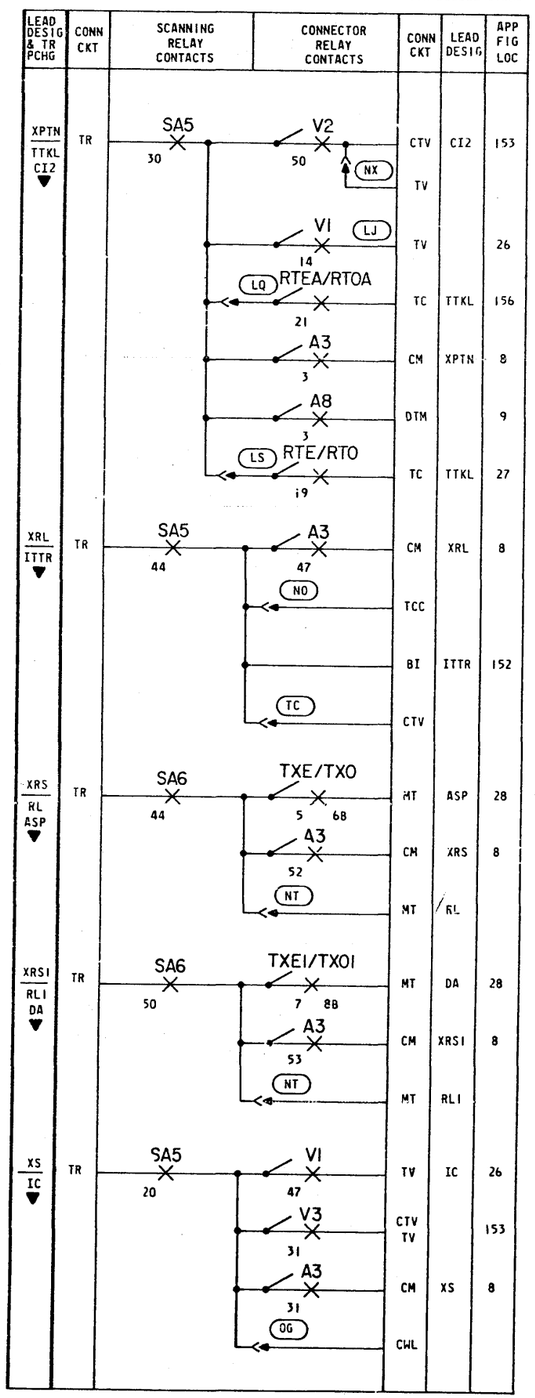
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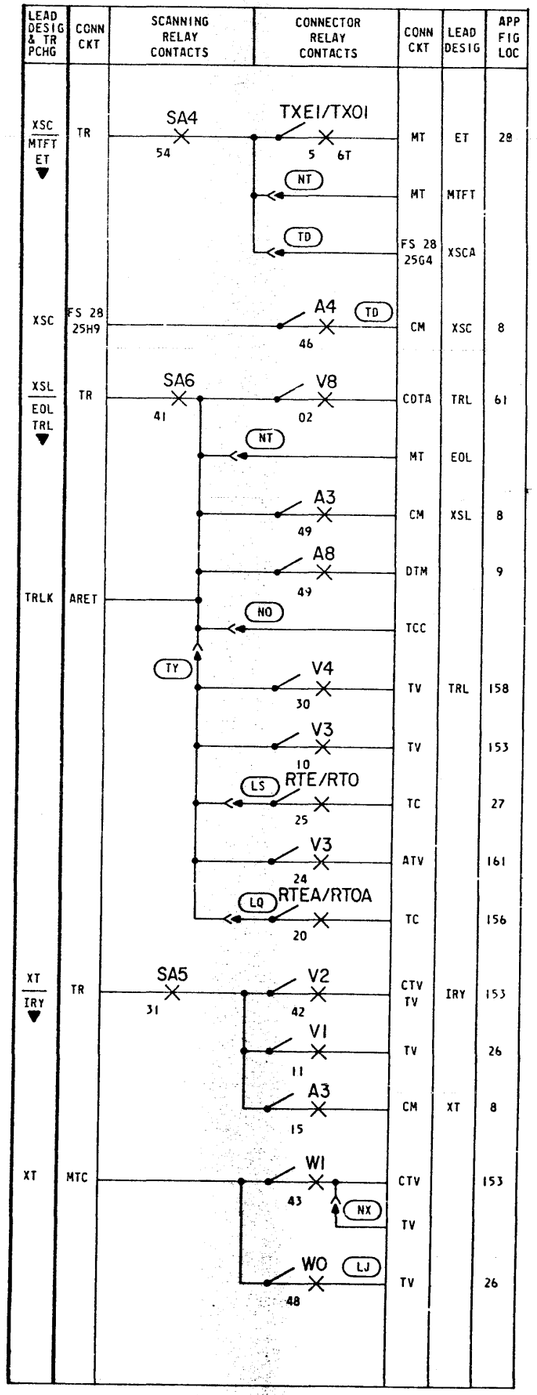
MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B132

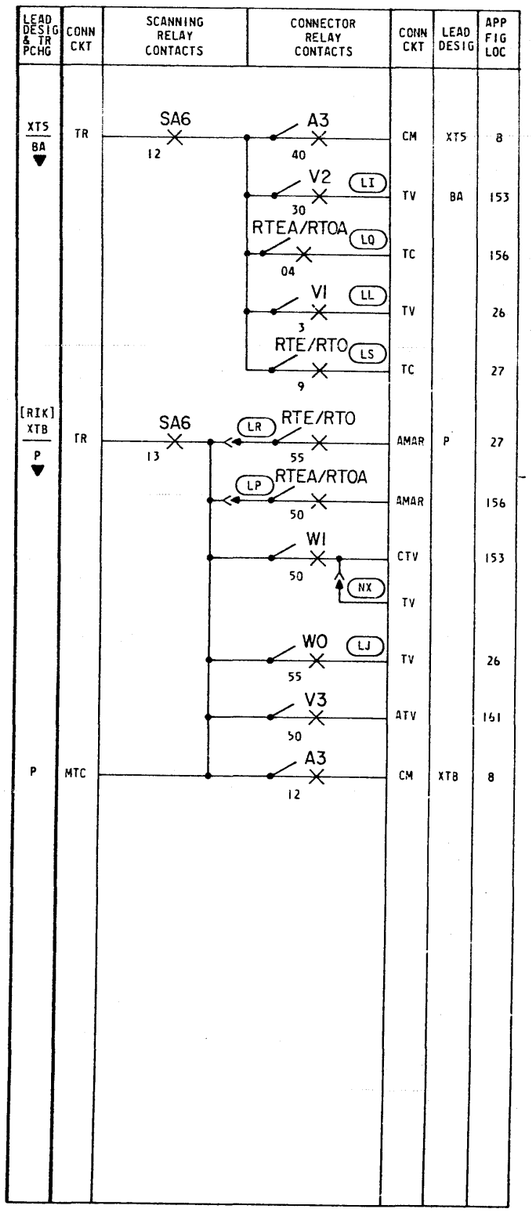
TABLE 1B (CONT)

(FOR OFFICE CONVERTING FOR USE WITH DOUBLE SIDED TROUBLE RECORDER CARD)







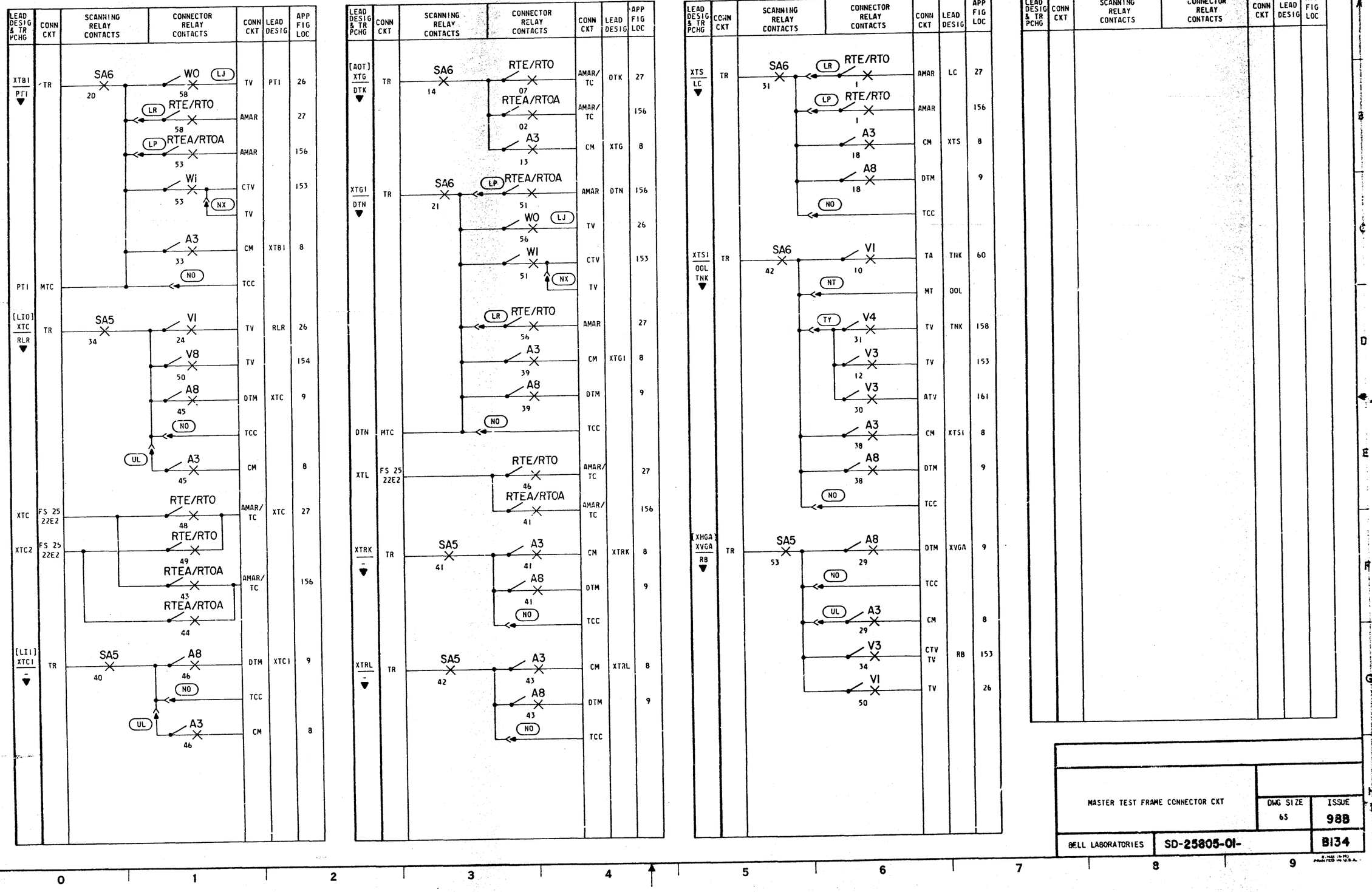


MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
		6S	98B
BELL LABORATORIES	SD-25805-01-		BI33

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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 98B

BELL LABORATORIES

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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	V1 13		TA	ITR	60
2TR		V4 14		ATV	2TR	161
		V1 14		TA		60
A0,1,2,4,7		V0 03-04		ATV	A0,1,2,4,7	161
		V2 00-04		CDTA		61
		PC0 2B TO 1 10B TO 9		PRT		37
A10D		V8 03		CDTA	A10D	61
B0,1,2,4,7		V0 10-14		ATV	B0,1,2,4,7	161
		V2 10-14		CDTA		61
		PC1 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
CK1	OTTIC	V4 03		ATV	CK1	161
		V8 00		CDTA	CK	61
CKG		V8 10			CKG	61
CM3		PC1 4T 3		PRT	CM3	37
CMA		PC1 6T 5		PRT	CMA	37
CMB		PC1 8T 7		PRT	CMB	37
CMC		PC1 10T 9		PRT	CMC	37
				(IR) PRT	LK1	
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
ECT0-2		V7 10-12			ECT0-2	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
F10,1,2,4,7		V3 (10) 31-34,40		ATV	F10,1,2,4,7	161
		V4 00-04		CDTA		61
FUA0-4		V0 40-44		TA	FUA0-4	60
G0,1,2,4,7		V1 00-04		ATV	G0,1,2,4,7	161
		V3 00-04		CDTA		61
GC		V1 21		TA	GC	60

MASTER TEST FRAME CONNECTOR CKT

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TABLE ID (CONT)

(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
HO,1,2,4	OTTIC	V3 10-13		CDTA	HO,1,2,4	61
		V3 14			H7	61
H7		V1 14		ATV		161
HMS1		V8 13		CDTA	HMS1	61
HNO-9		V2 40-44, 50-54		ATV	HNO-9	161
		V5 20-24, 30-34		CDTA		61
ITR		V8 20			ITR	61
JO,1,2,4,7		V3 20-24			JO,1,2,4,7	61
KO,1,2,4,7		V3 30-34			KO,1,2,4,7	61
L7		V3 44			L7	61
LT		V9 40			LT	61
LT1		V9 41			LT1	61
LT2,3		V9 43,44			LT2,3	61
MBO,1,2,4,7		V7 40-44			MBO,1,2,4,7	61
MT		V8 41			MT	61
MTK		V8 42			MTK	61

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MUO,1,2,4,7	OTTIC	V7 20-24		CDTA	MUO,1,2,4,7	61
NOB		V3 53			NOB	61
NRDO		V8 34			NRDO	61
NRD1		V8 40			NRD1	61
OBS		V4 11		ATV	OBS	161
		V3 54		CDTA		61
OC		V8 04			OC	61
ODD		V8 30			ODD	61
OF		V0 31		TA	OF	60
OFFO-4		V1 20-24		ATV	OFFO-4	161
		V4 30-34		CDTA		61

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OVG	OTTIC		V0 33	TA	OVG	60
P			V3 50	ATV	P	161
PCK			PC2 28 1	PRT	PCK	37
PPSP			V9 23	CDTA	PPSP	61
PRL			PC2 4T 3	PRT	PRL	37
PT			V3 44	ATV	PT	161
PTR			PC2 8T 7	PRT	PTR	37
				(IR) PRT	TR	
RCDO,1			V8 32,33	CDTA	RCDO,1	61
RGCO			PRA 88 7	PRT	RGCO	36
RK3			V8 12	CDTA	RK3	61
RL			V4 20	ATV	RL	161
RLA			V3 41	ATV	RLA	161
RLK			PC2 6T 5	PRT	RLK	37
			PC2 10T 9	(IR) PRT	TRI	

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RPT	OTTIC		V4 30	ATV	RPT	161
			V1 03	TA	RPT	60
SC			V1 53	ATV	SC	161
			V1 53	TA		60
SD			PC1 2T 1	(REG) & (IDDO) PRT	SD	37
SLU			V9 24	CDTA	SLU	61
SNG			V9 10		SNG	61
SOG			V8 14		SOG	61
SPC			V3 51		SMPQ	61
SPTO,1			V8 43,44		SPTOJ	61
SPUO,1,2,4,7			V8 50-54		SPUO,1,2,4,7	61
			V0 00-04	TA	HGO,1,2,4,7	60
SWO,1,2,4,7			V4 (QD) 50-54	ATVC	SWO,1,2,4,7	161
TO-9			V2 20-24, 30-34	ATV	TO-9	161
			V5 40-44, 50-54	CDTA		61
TBK			V8 11		TBK	61

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
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TABLE ID (CONT)

(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
TBL	OTTIC	V9 12		CDTA	TBL	61
TBY		V9 54			TBY	61
TFUO, 1,2,4, 7		V6 20-24			TFUO, 1,2,4, 7	61
TGR		V1 23		TA	TGR	60
THO-9		V3 00-04, 10-14		ATV	THO-9	161
		V5 00-04, 10-14		CDTA		61
TK		V8 01			TK	61
TM2		V1 51		ATV	TM2	161
		V9 52		CDTA		61
TNK		V1 10		TA	TNK	60
TNTO, 1,2,4,7		V6 10-14		CDTA	TNTO, 1,2,4,7	61
TNUO, 1,2,4, 7		V6 00-04			TNUO, 1,2,4, 7	61
TOK		PC2 88 7		(IDDO) PRT	TOK	37
				(IR) PRT	CMK	
TPT		V4 24		ATV	TPT	161
		V1 04		TA	TPT	60
TR		V4 01		ATV	TR	161

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TR2	OTTIC		PC2 108 9	PRT	TR2	37
TRL			V8 02	CDTA	TRL	61
TRS			PC2 68 5	PRT	TRS	37
			V4 02	ATV	UO-9	161
TVT			V1 54	TA	TVT	60
UO-9			V2 00-04, 10-14	ATV	UO-9	161
			V6 40-44, 50-54	CDTA		61
VFO-4			V4 40-44	ATV	VFO-4	161
			V0 10-14	TA		60
VGO,1, 2,4,7			V1 40-44	ATV	VGO,1, 2,4,7	161
			V4 14,20-23	CDTA		61
VGIO			V1 50	ATV	VGIO	161
			V4 24	CDTA		61
VGA 0-5			V1 30-34, 40	TA	VGA 0-5	60

LAMP AND LEAD DESIG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
X	OTTIC		V4 22	ATV	X	161
XII			V9 42	CDTA	XII	61
XET			V4 23	ATV	XET	161
			V0 52	TA		60
XRL			V4 00	ATV	XRL	161
XTL			V4 34	ATV	XTL	161
			V0 50	TA		60
XVF			V1 52	ATV	XVF	161
			V0 53	TA		60
XVG			V3 51	ATV	XVG	161
			V0 51	TA		60
XX			PC1 12T 11	PRT	XX	37
NO CONN TO OTTIC			V7 13,14	CDTA	MT 0,1	61
			V4 10-13		FT 0-3	61
			V0 20-24,30	TA	FT 0-5	60
			V6 30-32	CDTA	TFT 0-2	61

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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LEGEND
(FOR TABLE 1E)

NOTES:

1.

ABBR	CONNECTING CKT
AC	APPLIQUE CKT FOR COMPARING COMPLETING MARKER ROUTE RELAY CROSS CONNECTIONS
AIODT	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATER
AIOD-TC	AUTOMATIC IDENTIFIED OUTWARD DIALING TRANSLATOR CONNECTOR
AIS-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	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
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-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 L,LL&C	JACK, LAMP AND KEY CKT FOR ACD LINE, LINE LINK AND CONNECTOR
LIT	LINE INSULATION TEST
LLC	LINE LINK CONNECTOR
LLMC	LINE LINK MARKER CONNECTOR
LV	LINE VERIFICATION
MON	AUTOMATIC MONITOR REGISTER AND SENDER
MROTL	MINI-ROTL INTERFACE
MT	MASTER TIMING
MTC	MASTER TEST CONTROL
NGC	NUMBER GROUP CONNECTOR
OR	ORIGINATING REGISTER
ORMC-MP	ORIGINATING REGISTER MARKER CONNECTOR-MARKER PART
ORMC-RP	ORIGINATING REGISTER MARKER CONNECTOR-REGISTER PART
OS	OUTGOING SENDER
OSC-MP	OUTGOING SENDER CONNECTOR-MARKER PART
OSC-SP	OUTGOING SENDER CONNECTOR-SENDER PART

NOTES: (CONT)

1. (CONT)

ABBR	CONNECTING CKT
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
RRC	RECORDER AND RECORDER CONTROL
RSSC	REMOTE SWITCH SIGNAL 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
TLLMC	TRANSFER LINE LINK MARKER CONNECTOR
TR	TROUBLE RECORDER CONTROL & TEST
TRC	TROUBLE RECORDER CONNECTOR
TRMC-MP	TRANSFER REGISTER MARKER CONNECTOR-MARKER PART
TRMC-RP	TRANSFER REGISTER MARKER CONNECTOR-REGISTER PART
TRT	TRANSFER TRUNK
TT	TRUNK TEST
TTL	TRANSFER TRUNK LINK
TTLC	TRANSFER TRUNK LINK CONNECTOR
TTR	TRUNK TEST REGISTER
TV	TRANSVERTER
TVC	TRANSVERTER CONNECTOR
WC	LINE CONCENTRATOR NO 2A CONTROL (WADS)
WLLC	WIDEBAND LINE LINK CONNECTOR
WTLC	WIDEBAND TRUNK LINK CONNECTOR
FIG	APP FIGURES WITHIN MASTER TEST FRAME CONNECTOR

NOTES: (CONT)

2. LEADS ON THE CONNECTOR AND SCANNING RELAYS OF FIG. 150,151, 152,153,154,155 AND 156 ARE MULTIPLIED AS INDICATED IN THE FIGURES IN WHICH THESE RELAYS APPEAR. THESE FIGURES SHOWN SCHEMATICALLY ARE FOR 286 TYPE RELAYS. FOR MULTIPLE INFORMATION ON OTHER LEADS SEE THEIR CORRESPONDING FIGURES.

3. THE BW0-BW119, BWX0-BWX3 LEADS ARE THE DESIGNATIONS OF THE LEADS FROM THE SCANNING RELAYS OF FIG. 152 TO THE TROUBLE RECORDER.

4. RELAYS (a) AND (b) ARE ASSOCIATED WITH THE FIRST AND SECOND MARKERS ARRANGED FOR WIDEBAND SWITCHING RESPECTIVELY.

5. 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.

DRAWING ISSUE

52D	CSW, XM, AMA
55D	PLP, LA, MCC
62D	LLP
66D	LF
68D	
70D	
71D	
73D	
75D	

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

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STABILO

(SP) TABLE IE (CONT)

THIS TABLE IS FOR USE WITH THE DOUBLE SIDED TROUBLE RECORDER CARD, TABLE IA, WHICH HAS BEEN CONVERTED FROM THE I/X PUNCH DESIG TO THE 2/5 PUNCH DESIG SYSTEM. FOR FIG 150 AND 152 -- DOUBLE SIDED TROUBLE RECORDER CARD -- NEW MASTER TEST FRAME LEAD INDEX AND CONNECTING INFORMATION FOR CONNECTOR AND SCANNING RELAY CONTACTS SEE LEGEND FOR TABLE IE, FOR CROSS CONNECTION INFORMATION SEE TABLE 4G. WHERE PUNCHING NUMBERS ARE NOT SHOWN, THE PUNCHING HAS THE SAME NO. AS THE CONNECTOR OR SCANNING RELAY AND CONTACT ASSOCIATED WITH IT.

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ONN	MTC		C7 X 32	CM	ONN	150
RNO	FS 37 29E/ DO					
ISE	MTC		C6 X 11	CM	ISE	150
RNI	FS 37 29E/ DO					
ITR / ITR ▼	TR	S7 X 00	VI X 13	TA	ITR	60
	LIT	(KM)	V4 X 13	ATV DAS		161
			V2 X 14	CTV DAS TV		153
	TRK	APTT ARET MTC ROTL ROTR TTR	PCO X 12B 11	PRT	TRK	37
			(LG)	RT	ITR	152
			C3 X 33	CM	TRK	150
			CII X 33	DTM		151
ITR/ TRK	CLVA ETSPD LV		(NO)	TCC	ITR	
2DT / 2DT ▼	TR	S3 X 02	V9 X 43	CDTA	LT2	61
		APTT MON MTC ROTL ROTR TTR	B3 X 50	CM	2DT	150
2L	LV MTC		T2 X 00	CM	2L	150
2LI	LV MTC TTR		T2 X 01	CM	2LI	150
2LN / — ▼	TR	RA4 X 11	B9 X 21	CM	2LN	150
	ETSPD LV MTC					
2SA	MTC		C6 X 12	CM	2SA	150
RN2	FS 37 29E/ DO					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
2TR / 2TR ▼	TR	S7 X 01	VI X 14	TA	2TR	60
			V4 X 14	ATV DAS		161
			V2 X 20	CTV DAS TV		153
			PC2 X 10B 9	PRT	TR2	37
			(LG)	RT	2TR	152
2W / TRUO (CSUO) ▼	TR	S4 X 50		LLMC	2W	152
			VI5 X 10	TV	TRUO	55
	APTT ARET CLVA ETSPD LV MTC ROTL ROTR TTR			BI		
2W			(LG)	RT	CSUO	152
	MON		(QH) DO X 11	CM	2W	163
2WD	MTC		DI X 14	CM	2WD	163
2WDI	MTC		DI X 13	CM	2WDI	163
3NA	MTC		C6 X 13	CM	3NA	150
RN3	FS 37 29E/ DO					
4B / TLR7 ▼	TR	RA6 X 12		AMAT (NF) AIODT	TLR7	152
		(SL,SC) B8 X 41		CM	4R	150
4DG / 4DG ▼	TR	R4 X 22	(RX) VII X 51	CTV DASC	4DG	155
			CII X 43	DTM		151
	LIT	(KV)	C6 X 54	CM		150
				WC	LT4	152
	CLVA ETSPD LV MTC		V7 X 21	TV	4DG	154

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
4NE	LV MTC		C6 X 14	CM	4NE	150
RN4	FS 37 29E/ DO					
4W / ECO ▼	TR	S3 X 50		LLMC	4W	152
		(QX)		BI	ECO	
4W	APTT	(QH)				
	MON					
	CLVA ETSPD LV MTC ROTR		DO X 10	CM	4W	163
5DG / 5DG ▼	TR	R4 X 23	CII X 44	DTM	5DG	151
			C7 X 50	CM		150
				WC	LT7	152
5DG	MTC		V7 X 22	TV	5DG	154
5I / TLR8 ▼	TR	RA6 X 13		AMAT (NF) AIODT	TLR8	152
		(SL,SC) B8 X 42		CM	5I	150
5ST	MTC		C7 X 10	CM	5ST	150
RN5	FS 37 29E/ DO					
6NT	LV MTC		C7 X 11	CM	6NT	150
RN6	FS 37 29E/ DO					
7RN	MTC		C7 X 12	CM	7RN	150
RN7	FS 37 29E/ DO					
7T / TLR9 ▼	TR	RA6 X 14		AMAT (NF) AIODT	TLR9	152
		(PW) E2 X 13		CM	7T	164

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
8SP	MTC		C7 X 13	CM	8SP	150
RN8	FS 37 29E/ DO					
9NP	MTC		C7 X 14	CM	9NP	150
RN9	FS 37 29E/ DO					
11 / 11 ▼	TR	S3 X 10	B7 X 21 FIRST, SECOND, AND THIRD FIG 37 ONLY	CM	11	150
	APTT MON MTC ROTL		PCI X 12T 11	PRT		37
A / — ▼	TR	RA3 X 24	A9 X 51	CM	A	150
AO, I, 2,4,7 AO, I, 2,4,7 ▼	TR	SI X 00-04	(NC)	TCC	AO, I, 2,4,7	
			B4 X 00-04	CM		150
	APTT ARET LV MON MTC ROTL ROTR ST TTR		PCO X 28-108 1-9	PRT		37
			(LG)	RT TAT	AO, I, 2,4,7	152
			V2 X 00-04	CDTA		61
	LIT	(KM)	VO X 00-04 (KV)	ATV CTV TV DAS DASC		153

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(SP) **TABLE IE** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
A'0 / A'0	TR	SO 00	WI 10 (NX)	CTV	A'0	153
				TV		
			RTEA/RTOA (LP) 10	AMAR		156
	MON		AIO 00	CM		150
A'1 / A'1	TR	SO 01	AIO 01	CM	A'1	150
	MON		RTEA/RTOA (LP) 20	AMAR		156
A'2 / A'2	TR	SO 02	AIO 02	CM	A'2	150
			RTEA/RTOA (LP) 30	AMAR		156
	MON		WI 30 (NX)	CTV		153
				TV		
A'4,7 / -	TR	SO 03,04	AIO 03,04	CM	A'4,7	150
	MON					
AC8 / -	TR	S4 32	AI3 33	DTM	AC8	151
ACD / ACD	TR	R3 50	B9 01	CM	ACD	150
	MTC		VII 42	CTV DASC	ACD	155
ACDO MLV / TLV (FWR)	TR	S8 12	(LG)	CLVA ETSPD LV MTC	MLV/ TLV	152
			(LG)	RT	FWR	152
			(NO)	TCC	ACDO	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
AD RNTI / RNTI AD	TR	R3 21	B9 00	CM	AD	150
			VII 50	CTV DASC		155
	MTC		V9 21	TV	RNTI	154
AD' RNT'I / -	TR	R3 23	B9 43	CM	AD'	150
AF	MTC		F0 44	CM	AF	178
AFI	MTC		F0 50	CM	AFI	178
AFK	MTC		F0 51	CM	AFK	178
(AGI) / -	TR	R5 50	D2 23	CM	AGI	163
(AG2) / -	TR	R5 51	D2 24	CM	AG2	163
(AG3) / -	TR	R5 52	(RM) D2 30	CM	AG3	163
(AG4) / -	TR	R5 53	(RM) D2 31	CM	AG4	163
AGCK / TLR13	TR	RA6 23		AMAT (NF) AIODT	TLR13	152
			(RW) B8 54	CM	AGCK	150
AID / NH	TR	R4 50	C5 12	CM	NH	150
NN	ETSPD		(KX)			
NH	APTT LV MTC TTR			WC	TU2	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
AIS / TLR23	TR	RA6 43		AMAT (NF) AIODT	TLR23	152
			(ZZ) AIS2 (ZW) (QF,PY) B9 50			
AIS	MTC	(PY)		CM	AIS	150
AK / -	TR	RA3 30	A9 53	CM	AK	150
AL / ALI	TR	R6 12	C4 52	CM	AL	150
			(NO)	TCC		
AL	APTT INTF MTC ROTL ROTR TTR		(LQ) RTE/RTO 11	TC	ALI	156
ALT	APTT MTC ROTR TTR		T0 32	CM	ALT	150
AMA / -	TR	R4 33	B2 04	CM	AMA	150
	APTT MON MTC ROTL ROTR TT TTR			WC	LU7	152
AN / -	TR	RA3 01	B1 33	CM	AN	150
ANC SPC / -	TR	R2 54	(PS) B3 01	CM	SMP	150
			(NO)	TCC	ANC	
AOT / -	TR	S6 41	(SL) E2 52	CM	AOT	164
	MON MTC		(SL) AI4 10	DTM		151
AR-HT 0,1 / ORT0,1	TR	S2 30,31	B6 40,41	CM	ARO,1	150
ARO,1	MON			BI	ORT0,1	152
AR-HT 2,4,7 / ORU 0,1,2	TR	S2 32-34	B6 42-44	CM	AR2,4,7	150
AR2,4,7	MON			BI	ORUO, 1,2	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
- / AR7	TR	R6 31	(LG) RTE/RTO 24	TC	AR7	156
ARET / MTR	TR	S8 24		FS 27 2487 MTR		
				FS 27 2487 ARET		
- / ASK (CD'CT 15)	TR	S2 23	(RM)	MON	CD'15	
ASK	ARET					
ATKT / ATKT	TR	S8 03		APTT MROTL ROTL ROTR	ATKT	152
AVG GPA / AL2	TR	R6 13	C7 02	CM	GPA	150
			(NO)	TCC	AVG	
GPA	APTT INTF MTC ROTL ROTR TTR		(LQ) RTE/RTO 12	TC	AL2	156
AVKI / XRTL	TR	SA7 34	B6 03	CM	AVKI	150
AVKI	MON		(LQ) RTEA/RTOA 53	TC	XRTL	156
BO,1, 2,4,7 / BO,1, 2,4,7	TR	SI 10-14	V2 10-14	CDTA	BO,1, 2,4,7	61
	LIT	(KM)	B5 00-04	CM		150
			PC1 28-108 1-9	PRT		37
	APTT ARET MON MTC ROTL ROTR ST TTR TV		(LG)	RT TAT	BO,1, 2,4,7	152
			V0 10-14 (KV)	CTV DASC TV		153
				DAS		

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
B'0,1,2,4,7 B'0,1,2,4,7 ▼	TR	S0 10-14	A11 00-04	CM	B'0,1,2,4,7	150
		LP	RTE/RTO 50-54	AMAR		156
	MON		W0 50-54 NX	CTV TV		153
BCN ▼	TR	SA4 41 NH	P1 33	CM	BCN	52
	MTC					
BLC	MTC		T0 01	CM	BLC	150
BLDA ▼	TR	RA4 13	E0 54	CM	BLDA	164
	ETSPD MTC					
BLT ▼	TR	RA4 12	E0 43	CM	BLT	164
	ETSPD MTC					
BN ▼	TR	RA2 13	B3 02	CM	BN	150
	CLVA ETSPD LV MTC					
BR-TT 0,1 ORU 4,7 ▼	TR	S2 40,41		BI	ORU4,7	152
BRO,1	MON		B6 50,51	CM	BRO,1	150
BR-TT 2,4,7 OITO, 1,2 ▼	TR	S2 42-44		BI CTV	OITO-2	152
BR2,4,7	MON		B6 52-54	CM	BR2,4,7	150
BR7 ▼	TR	RA8 54	NT	RRC	BR7	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
BRL XVF ▼	TR	SA6 52	D0 12	CM	BRL	163
			V1 52	ATV	XVF	161
			V6 43	TV		154
BRL	MTC		V0 53	TA		60
BRT	MTC		T4 01	DTM	BRT	151
			D1 30	CM		163
BST	LV MTC		C0 33	CM	BST	150
BT XRD X2P ▼	TR	SA6 51	B6 01	CM	BT	150
			C9 34	DTM		151
		NO		TCC		
BT	APTT ARET INTF LV MTC ROTL ROTR TTR		V3 21	CTV	X2P	153
				TV	X2P LI XRD	
BTT	MTC		T4 00	DTM	BTT	151
			D1 31	CM		163
BY ▼	TR	RA2 23	V9 10	CDTA	SNG	61
	INTF ROTR		C2 52	CM	BY	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
C	MTC		W1 21 NX	CTV TV	C	153
C0,1,2,4,7 COJ 2,4,7 ▼	TR	S1 20-24	B4 10-14	CM	C0,1,2,4,7	150
			PC0 2T-10T 1-9	PRT		37
APTT ARET LV MON MTC ROTL ROTR ST TTR		LG		RT TAT CTV TV ATV DASC DAS	C0,1,2,4,7	152 153 161
			V0 20-24 KV			
LIT		KM	V2 20-24	CDTA		61
C0,1,2,4,7 C0,1,2,4,7 ▼	TR	S0 20-24	A10 10-14	CM	C0,1,2,4,7	150
		LP	RTE/RTO 40-44	AMAR		156
MON			W0 40-44 NX	CTV TV		153
CAM	MTC		B9 02	CM	CAM	150
CAMA CRT2 ▼	TR	S7 41	B9 30	CM	CAMA	150
			NJ	FS 29 26A/ B6	CRT2	
CAMF RG4 ▼	TR	S3 33	B9 31	CM BI CTV	CAMF RG4	150 152
CAMS RG7 ▼	TR	S3 34	B9 32	CM BI CTV	CAMS RG7	150 152
CCK	MTC	NH	P2 52	CM	CCK	52

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
	CCKI MTC	NH	P2 53	CM	CCKI	52
CDO CM3 ▼	TR	S2 00	D0 40	CM	CDO	163
CDO OR CM3	MTC		NO	TCC		
CDO	MON		PCI 4T 3	PRT	CM3	37
CDI CMA (TCA) ▼	TR	S2 01	LG	RT	TCA	152
			NO	TCC	CDI	
CDI OR CMA	MTC		D0 41	CM		163
CDI	MON		PCI 6T 5	PRT	CMA	37
CD2 CMB (TCB) ▼	TR	S2 02	LG	RT	TCB	152
			NO	TCC	CD2	
CD2 OR CMB	MTC		D0 42	CM		163
CD2	MON		PCI 8T 7	PRT	CMB	37
CD4 CMC ▼	TR	S2 03	NO	TCC	CD4	
			D0 43	CM		163
CD4 OR CMC	MTC		PCI 10T 9	PRT	CMC	(1ST-5TH) 37
CD4	MON		PCI 10T 9	PRT	LKI	(6TH-8TH) 37
CD7 SD ▼	TR	S2 04	NO	TCC	CD7	
			D0 44	CM		163
CD7 OR SD	MTC		PCI 2T 1	PRT	SD	37
CD7	MON					

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CDN / TLR6	TR	RA6 11	C6 50	AMAT (NF) AIDDT	TLR6	152
CDN	MTC			CM	CDN	150
CDNK	APTT MTC		T2 10	CM	CDNK	150
— / (CDPO, 1,2,4)	TR	RAI 11-14	FO 22-24, 30	CM	CDPO, 1,2,4	178
	MON MTC					
— / (CDP7)	TR	RAI 20	FO 31	CM	CDP7	178
	MON MTC					
— / (CDP10, 15)	TR	RAI 21,22	FO 32,33	CM	CDP10, 15	178
	MON MTC					
— / (CDPO, 1)	TR	RAI 23,24	FO 10,11	CM	CDP'0, 1	178
	MON					
— / (CDP'2, 4,7)	TR	RAI 30-32	FO 12-14	CM	CDP'2, 4,7	178
	MON					
— / (CDP10, 15)	TR	RAI 33,34	(RM)	MON	CDP10, 15	152
CE	MTC		DI 32	CM	CE	163
CE' / SPA	TR	SA6 03	DO 14	CM	CE'	163
			TXEI/TXOI 1 28	MT	SPA	28

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CGA / ROP	TR	SA2 24	C4 12	CM	CGA	150
			C8 12	DTM		151
				BI CTV	ROP	152
CGA	APTT ARET MTC ROTL ROTR TTR		V8 32	CDTA	RCDO	61
CGB / PRL	TR	SA2 30	C4 13	CM	CGB	150
			C8 13	DTM		151
				BI CTV	PRL	152
CGB	APTT ARET MTC ROTL ROTR TTR		V8 33	CDTA	RCDI	61
CGC / 2L	TR	SA2 31	V8 34	CDTA	NRDO	61
				BI CTV	2L	152
			C9 33	DTM	CGC	151
			(PV) V8 53	TV	2L	154
CGT / XVG	TR	SA6 54	CI 33	CM	CGT	150
			V6 41	TV	XVG	154
			V3 51	ATV		161
			VO 51	TA		60
CHO / CPTO	TR	RA7 24	(NT)	RRC	CPTO	
				FS 37 29E/ 84	CHAO	
CHI / ETMO	TR	RA7 30	(NT)	RRC	ETMO	
				FS 37 29E/ 84	CHAI	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CH2 / ERTO	TR	RA7 31	(NT)	RRC	ERTO	
				FS 37 29E/ 84	CHA2	
CH4 / BAR	TR	RA7 32	(NT)	RRC	BAR	
				FS 37 29E/ 84	CHA4	
CH7 / CKLS	TR	RA7 33	(NT)	RRC	CKLS	
				FS 37 29E/ 84	CHA7	
CHO-4	FS 37 29E/ DO		(NO)	TCC	CHO-4	
			A2 30-34	CM		150
			AI4 30-34	DTM		151
CH5-9	FS 37 29E/ DO		(NO)	TCC	CH5-9	
			A3 30-34	CM		150
			AI5 30-34	DTM		151
CIIT-CI4T	MTC		V3 22-24,30 (NX)	CTV TV	CIIT-CI4T	153
CIFAT	MTC		V3 43 (NX)	CTV TV	CIFAT	153
— / CIK (CDCT 7)	TR	S2 21	A7 54	CM	CD'7	150
CD'7	MON					
CIK	ARET					
CIS	RRC		(53) BC 3 48			
CISC	RRC		1 28 (53) BC (53) SC 4 58			

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CK / —	TR	SA8 24	A5 34	CM	CK	150
CKI	MTC		(PT) AI7 52	DTM		151
CK	CLVA		(KO)			
	ETSPD		(NO)	TCC		
CKI-5 DLI-5 / —	TR	R2 30-34	B2 20-24	CM	DLI-5	150
DLI-5	MON		(NO)	TCC	CKI-5	
CKG / —	TR	SA8 10	A3 22	CM	CKG	150
			AI5 22	DTM		151
	INTF		(NO)	TCC		
CKGI	APTT ARET CLVA ETSPD LV MTC ROTL ROTR TTR		T0 10	CM	CKGI	150
CKG2	MTC		T4 11	DTM	CKG2	151
CKO / —	TR	RA3 21	A9 40	CM	CKO	150
	ETSPD		(PH)			
	LV MTC					
CKR / —	TR	RA3 22	A8 41	CM	CKR	150
	LV MTC ROTR		E1 04 (TA)			
	APTT		(QC)			

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CKRI	LV MTC ROTR	E1 03		CM	CKRI	164
	APTT	QC				
– CKR7 ▼	TR	RA7 54	NT	RRC	CKR7	
CLI – ▼	TR	R2 41	B2 10	CM	CLI	150
	MON					
	RRC	NR	NO	TCC		
CL2 OARO ▼	TR	R2 42	B2 11	CM	CL2	150
		NO		TCC		
			V10 40	CTV	OARO	155
	CL2 MON	LO	V6 32	TV		154
CL3 OARI ▼	TR	R2 43	B2 12	CM	CL3	150
		NO		TCC		
	CL3 MTC	UF				
	ROTL ROTR	KZ	V10 41	CTV	OARI	155
	MON	LO	V6 34	TV		154
CL4 OAR2 ▼	TR	R2 44	B2 13	CM	CL4	150
		NO		TCC		
			V10 42	CTV	OAR2	155
	CL4 MON	LO	V6 40	TV		154
CL5 TARO ▼	TR	R2 50	B2 14	CM	CL5	150
		NO		TCC		
	CL5 ROTL ROTR	KZ	V13 14	CTV	TARO	155
	MON					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CL6 TARI ▼	TR	R2 51	B2 02	CM	CL6	150
CL6	MON		V13 20	CTV	TARI	155
CL7 TAR2 ▼	TR	R2 52	B6 20	CM	CL7	150
CL7	MON		V13 21	CTV	TAR2	155
CL8 TAR3 ▼	TR	R2 53	B6 34	CM	CL8	150
CL8	MON		V13 22	CTV	TAR3	155
CM TLRI7 ▼	TR	RA6 32		AMAT NF AIODT	TLRI7	152
			C5 00	CM	CM	150
CN TLRO ▼	TR	RA6 00		AMAT NF AIODT	TLRO	152
			A5 04	CM	CM	150
CN	APTT	NK	A17 01	DTM		151
CNO,1 CNO,1 ▼	TR	R5 10,11		ATVC CTVC OSC-MP TVC	CNO,1	152
CN2 CN2 ▼	TR	R5 12		CTVC OSC-MP TVC	CN2	152
CN3 CN3 ▼	TR	R5 13		CTVC OSC-MP	CN3	152
CNO-2 CNO-2 ▼	TR	S5 10-12		ORMC-MP PRTC TRC	CNO-2	152
			NO	TCC		
CN3 – ▼	TR	S5 13		ORMC-MP TRC	CN3	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CN-RG, RST-TSC 0-9	FS 35 29C/CI		LG	RT	TSCO-9	152
				LLMC	CNO-9	152
			NO	TCC		
				IR IRMC-RP OR ORMC-RP TRMC-RP	RGO-9	
				TLLMC	RGO,I	
			NO	TCC	CN-RG 0-3 CN4-9	29
			RGCO 3-11, 3-11 4T-12T, 48-128	PRTC-ORP		35
			V4 00-04, 10-14	CTV TV	RSTO-9	153
			NY STC 1-9, 1-9 2T-10T, 28-108	MT		29
			STCI 1-9, 1-9 2T-10T, 28-108	AMAR/TC	NW RSTO-9 NT TCNO-9	29
CN-RG RST-10-15	FS 35 29C/CI			LLMC	CNIO-15	152
				IR IRMC-RP OR ORMC-RP TRMC-RP	RGIO-15	
			RGCI 3, 3-11 4T, 48-128	PRTC-ORP		35
			V9 00-04, 10	TV	RSTIO-15	154
			NZ STC2 1, 1-9 2T, 28-108	MT		29
			STC3 1, 1-9 2T, 28-108	AMAR/TC	NW RST 10-15 NT TCN 10-15	29

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CN-RG RST-16-19	FS 35 29C/CI			LLMC	CN16-19	152
				IR IRMC-RP OR ORMC-RP	RG16-19	
			RGCI 5-11 6T-12T	PRTC-ORP		35
			V9 11-14	TV	RST 16-19	154
			NZ STC2 3-9 4T-10T	MT		29
			STC3 3-9 4T-10T	AMAR/TC	NW RST 16-19 NT TCN 16-19	29
CN-RG /TO RST-RG/TO (TSC/TO) ▼	TR	S4 00		FS 35 29C/C4	CN-RG RST-TSC/TO	
CN-RG /TI RST-RG/TI (TSC/TI) ▼	TR	S4 01		FS 35 29C/C4	CN-RG RST/TI	
CN-RG /T2 RST-RG/T2 (TSC/T2) ▼	TR	S4 02		FS 35 29C/C4	CN-RG RST/T2	
CN-RG /UO,1 2,4,7 RST-RG /UO,1, 2,4,7 (TSC/ UO,1, 2,4,7) ▼	TR	S4 03,04, 10-12		FS 35 29C/C4	CN-RG RST-TSC/U 0,1,2, 4,7	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CNR	TR	S4 24	C7 01	CM	CNR	150
CNR	MTC					
CNS ARO	TR	R6 22	(LQ) RTE/RTO 20	TC	ARO	156
			B7 00	CM	CNS	150
CNT	MTC		(RV) B8 52	CM	CNT	150
CON	TR	SA7 30	C1 32	CM	CON	150
			C9 32	DTM		151
	MTC		(NO)	TCC		
CPO,2,4	TR	R2 00,02,03	C6 30,32,33	CM	CPO,2,4	150
CPO	MON	CPO LEAD ONLY	V7 30,32,33	CDTA	CTO,2,4	61
CPO,2,4	MTC		V7 24,31,32	TV	CPO,2,4	154
CPI,7 CPI,7	TR	R2 01,04	C6 31,34	CM	CPI,7	150
			V7 31,34	CDTA	CTI,7	61
			V7 30,33	TV	CPI,7	154
	MTC		(RX) V11 52,53	CTV DASC		155
CR	TR	S4 21	B7 03	CM	CR	150
	MON MTC					
CR-UT O,1,2, 4,7 OINO, 1,2,4,7 CRO,1, 2,4,7	TR	S2 50-54	B2 30-34	CM	CRO,1, 2,4,7	150
	MON			BI CTV	OINO, 1,2,4,7	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CRS TC	TR	R5 54	(RM) D2 32	CM	AG5	163
			VI3 23	CTV	TC	155
			(OG)	CWL	CRS	
CRUO RB3	TR	SAI 14	B3 30	CM	CRUO	150
CRUO, RB3	APTT ARET MTC ROTL ROTR TTR		BII 30	DTM		151
			(NT)	RRC	RB3	
R38	MTC		V3 (LI) 30	TV		153
CRUI RC3	TR	SAI 20	B3 31	CM	CRUI	150
CRUI, RC3	APTT ARET MTC ROTL ROTR TTR		BII 31	DTM		151
			(NT)	RRC	RC3	
R3C	MTC		V9 (LO) 24	TV		154
CRU2 RD3	TR	SAI 21	B3 32	CM	CRU2	150
			BII 32	DTM		151
			(NT)	RRC	RD3	153
	APTT ARET MTC ROTL ROTR TTR		(LI) V3 44	TV		153
CRU4 RA4	TR	SAI 22	B3 33	CM	CRU4	150
			BII 33	DTM		151
	APTT ARET MTC ROTL ROTR TTR		(NT)	RRC	RA4	
CRU7 RB4	TR	SAI 23	B3 34	CM	CRU7	150
			BII 34	DTM		151
	APTT ARET MTC ROTL ROTR TTR		(NT)	RRC	RB4	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CSO-29	ETSPD LV MTC		(NO) C2,3 00-04, 10-14, 20-24	TCC	CSO-19	
				CM	CSO-29	150
	FS 36 290/ BO		C10,11 00-04, 10-14, 20-24	DTM		151
CS/TO	TR	AB2 3		FS 36 290/ D9	CS/TO	
CS/TI AC	TR	SA2 00	V8 10	CDTA	CKG	61
				FS 36 290/ D9	CS/TI	
			VII 43	CTV	AC	155
CS/T2 7DG	TR	SA2 01	V8 11	CDTA	TBK	61
				FS 36 290/ D9	CS/T2	
			VII 44	CTV	7DG	155
CS/T4 RGK	TR	SA2 02	V8 12	CDTA	RK3	61
				FS 36 290/ D9	CS/T4	
			VI2 54	CTV	RGK	155
CS/T7 G	TR	SA2 03	V8 13	CDTA	HMSI	61
				FS 36 290/ D9	CS/T7	
			VI0 53	CTV	G	155
CS/UO T5L	TR	SA2 04	V8 14	CDTA	SOG	61
				FS 36 290/ D9	CS/UO	
			VI3 13	CTV	T5L	155
CS/UI T4L	TR	SA2 10	V8 20	CDTA	ITR	61
				FS 36 290/ D9	CS/UI	
			VI3 12	CTV	T4L	155

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CS/U2 OIK	TR	SA2 11	V8 21	CDTA	FN	61
				FS 36 290/ D9	CS/U2	
			VI0 43	CTV	OIK	155
CS/U4 NMK	TR	SA2 12	V8 22	CDTA	FNA	61
				FS 36 290/ D9	CS/U4	
			VI0 44	CTV	NMK	155
CS/U7 PRLK	TR	SA2 13	V8 23	CDTA	FN8	61
				FS 36 290/ D9	CS/U7	
	MTC		VI2 52	CTV DASC	PRLK	155
CSGI	APTT ARET CLVA ETSPD LV MTC ROTL ROTR TTR		T6 30	DTM	CSGI	151
			(SC) T2 30	CM		150
CSG2	APTT ARET MTC ROTL ROTR TTR		T6 31	DTM	CSG2	151
			(SC) T2 31	CM		150

MASTER TEST FRAME CONNECTOR CKT

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CSW / (2LV)	TR	RA2 31	F1 23	CM	2LV	178
			B9 44	CM	CSW	150
	LV MTC ROTR TTR		V8 44	CDTA	SPT1	61
CTO / —	TR	AB1 3	A1 24	CM	CTO	150
			AI3 24	DTM		151
			NO	TCC		150
CT1 / RA1 (CP0)	TR	SA1 00	LH	RT	CP0	152
			A0 30	CM	CT1	150
			AI2 30	DTM		151
			NO	TCC		
			NT	RRC	RA1	
R1A	MTC		V1 LI 42	TV		153
CT2 / RB1 (CP1)	TR	SA1 01	LH	RT	CP1	152
			A0 31	CM	CT2	150
			AI2 31	DTM		151
			NO	TCC		150
			NT	RRC	RB1	
R1B	MTC		V3 LI 23	TV		153

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CT4 / RC1 (CP2)	TR	SA1 02	LH	RT	CP2	152
			A1 22	CM	CT4	150
			AI3 30	DTM		151
			NT	RRC	RC1	
R1C	MTC		V9 LO 22	TV		154
CT7 / RD1 (CP3)	TR	SA1 03	LH	RT	CP3	152
			A1 23	CM	CT7	150
			AI3 31	DTM		151
			NT	RRC	RD1	
R1D	MTC		V3 LI 42	TV		153
CTAO	APTT ARET MTC ROTL ROTR TTR		T2 34	CM	CTAO	150
CTA1,2			T3 30,31	CM	CTA1,2	150
CTA4,7			T3 23,24	CM	CTA4,7	150
CTI / MRI	TR	RA4 03	E0 02	CM	CTI MRI	164
	ETSPD LV MTC					
CTMB	MTC		W1 32	TV	CMB	153
			V3 53	ATV		161
CTTO,I 2,4,7	MTC ROTR		T3 00-04	CM	CTTO,I 2,4,7	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CTUK / TLR21	TR	RA6 41		AMAT (NF) AIODT	TLR21	152
			A1 31	CM	CTUK	150
CU0 / RA2 (CP4)	TR	SA1 04	NT	RRC	RA2	153
			V1 LI 43	TV		153
CU0	APTT ARET MTC ROTL ROTR TTR		C2 30	CM	CU0	150
			CI0 30	DTM		151
			NO	TCC		150
R2A	MTC		LH	RT	CP4	152
CU1 / RB2 (CP5)	TR	SA1 10	NT	RRC	RB2	153
			V3 LI 24	TV		153
CU1	APTT ARET MTC ROTL ROTR TTR		C2 31	CM	CU1	150
			CI0 31	DTM		151
			NO	TCC		150
R2B	MTC		LH	RT	CP5	152
CU2 / RC2 (CP6)	TR	SA1 11	NT	RRC	RC2	153
			V9 LO 23	TV		154
CU2	APTT ARET MTC ROTL ROTR TTR		C2 32	CM	CU2	150
			CI0 32	DTM		151
			NO	TCC		150
R2C	MTC		LH	RT	CP6	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
CU4 / RD2 (CP7)	TR	SA1 12	NT	RRC	RD2	
			V3 LI 43	TV		153
CU4	APTT ARET MTC ROTL ROTR TTR		C2 33	CM	CU4	150
			CI0 33	DTM		151
			NO	TCC		150
R2D	MTC		LH	RT	CP7	152
CU7 / RA3	TR	SA1 13	LI V1 44	TV	RA3	153
			NT	RRC		
CU7	APTT MTC ROTL ROTR TTR		C2 34	CM	CU7	150
			CI0 34	DTM		151
			NO	TCC		150
R3A	MTC		T3 10-14	CM	CUTO,I 2,4,7	150
CUTO,I 2,4,7	MTC ROTR					
CWCN / XDS XP	TR	SA6 30	V3 04	CTV	XP	153
			52	TV	NX XP LI XDS	
CWCN	MTC TTR		P2 40	CM	CWCN	52

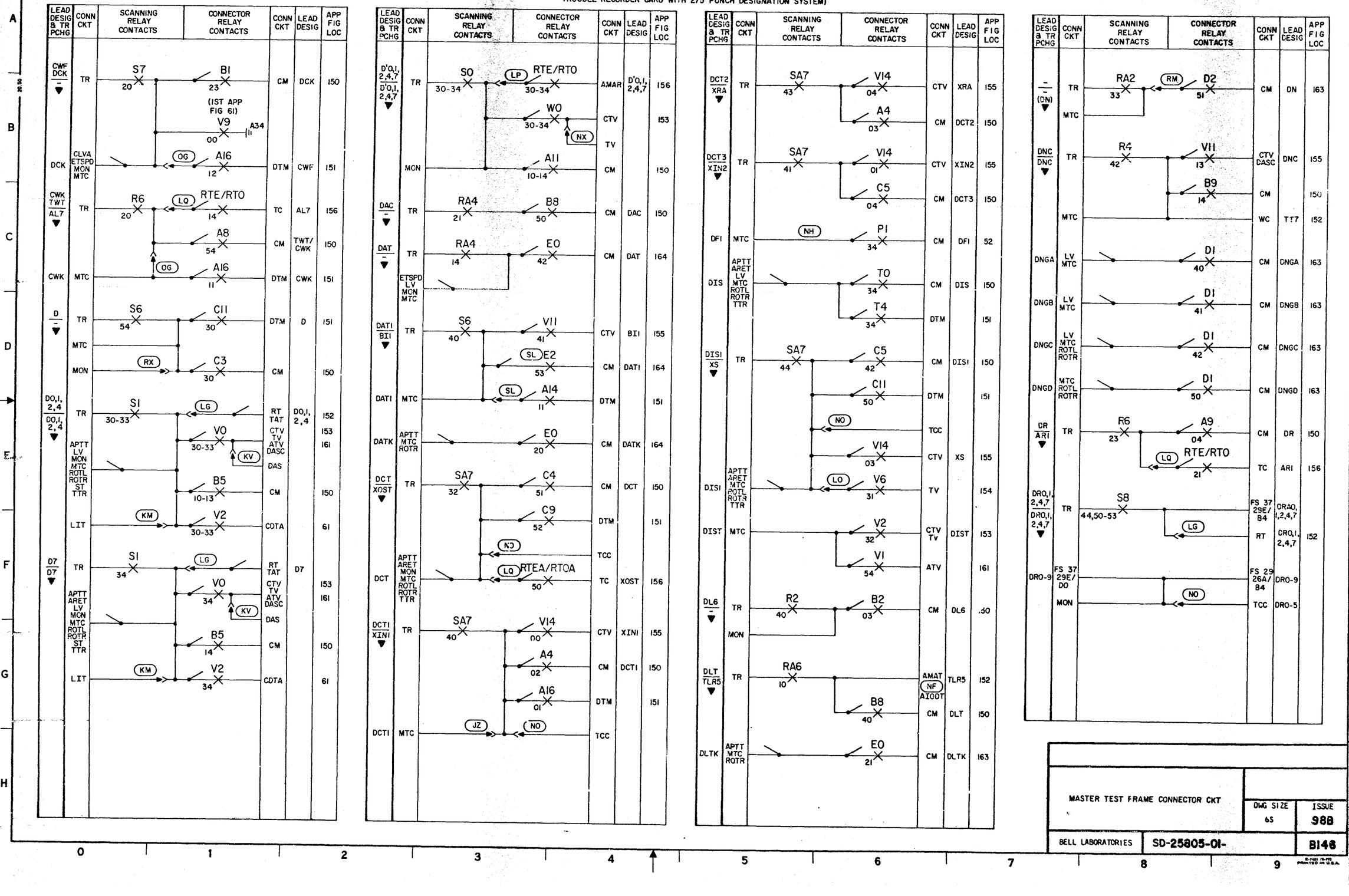
MASTER TEST FRAME CONNECTOR CKT			
BELL LABORATORIES	SD-25805-01-	DWG SIZE 6S	ISSUE 98B
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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)



MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-	B148

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
DRC ATT BBFC	TR	S6 32	(NO)	TCC	DRC	
				BI	BBFC	152
ATT	MTC		C6 52	CM	ATT	150
DRT SRT ARET	TR	S8 04	A2 20 (IY)	CM	SRT	150
ARET2	FS 27 24C7			FS 3 3H4		
SRT	IRT MCN MTC ST		(NO)	TCC	DRT	
DRTO DR EMG	TR	S8 54		FS 29A 259/ E5	DRTO	
DRTI	TR	AB8 2		FS 29A 259/ E5	DRTI	
DTO,I, 2,4,7 DTO,I, 2,4,7	TR	RA0 00-04		C&C MT	DTO,I, 2,4,7	152
DT4	MTC		(SL) E2 23	CM	DT4	164
DT5	MTC		(SL) E2 22	CM	DT5	164
DT7	MTC		(PW) E2 14	CM	DT7	164
DTF TS	TR	S6 33		TLLMC	DTF	152
				BI	TS	
DTF	MON MTC		B8 34	CM	DTF	150
DTI BIO	TR	S6 34	VII 40 (SL) E2 54	CTV CM	BIO DTI	155 164

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
DTK	TR	SA8 51	C0 30	CM	DTK	150
			C8 30	DTM		151
	MTC		(NO)	TCC		
DTKI	MTC		V3 42 (NX)	CTV TV	DTK	153
DTKA	MTC		W1 40 (NX)	CTV TV	DTKA	153
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	B4 20-24	CM	EO,I, 2,4,7	150
			(LG)	RT		152
APTT MCN MTC ROTL ROTR ST TTR			V0 40-44 (KV)	CTV TV ATV DASC		153 161
				DAS		
LIT		(KM)	V2 40-44	CDTA		61
EO,I, 2,4,7 EO,I, 2,4,7	TR	S0 40-44	A10 20-24	CM	EO,I, 2,4,7	150
			W0 20-24 (NX)	CTV TV		153
MON			(LP) RTE/RTO 20-24	AMAR		156
EC1,2	TR	S3 51,52		BI	EC1,2	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
ECN U4 (OC4)	TR	S5 53	(LG)	RT	OC4	152
			RTE1/RTO1 7 8T	AMAR	U4	28
			(LQ) RTE/RTO 43	TC		156
ECN	APTT MTC ROTR TTR		C6 04	CM	ECN	150
ECUO,I (CDA 0,1) (CFF-CDO,I)	TR	R1 50,51	D2 00,01	CM	CDAO,I	163
CDA-CDT 0,I			V9 50,51	TVC	CDO,I	154
CDAO,I	MTC MON		V7 00,01	CDTA	ECUO,I	61
ECU2, 4,7 (CDA2, 4,7) (CFF-C 2,4,7)	TR	R1 52-54	D2 02-04	CM	CDA2, 4,7	163
CDA-CDT 2,4,7			V9 52-54	TVC	CDO2, 4,7	154
CDA2, 4,7	MTC MON		V7 02-04	CDTA	ECU2, 4,7	61
EF WSF	TR	RA8 30	(NT)	FS 29 25F4 RRC	EFA WSF	
EF	TR	RA1 22	V0 32	TA	EF	60
EF	FS 28 2509		A13 51	DTM	EF	151
	INTF		A1 51	CM		150
EFO, 1,2,4 (CDAO, 1,2,4)	TR	R0 50-53	V7 10-12	CDTA	ECTO-2	61
			D2 10-13	CM	CDAO, 1,2,4	163
	MON		(JC)	BDT	FO,I, 2,4	

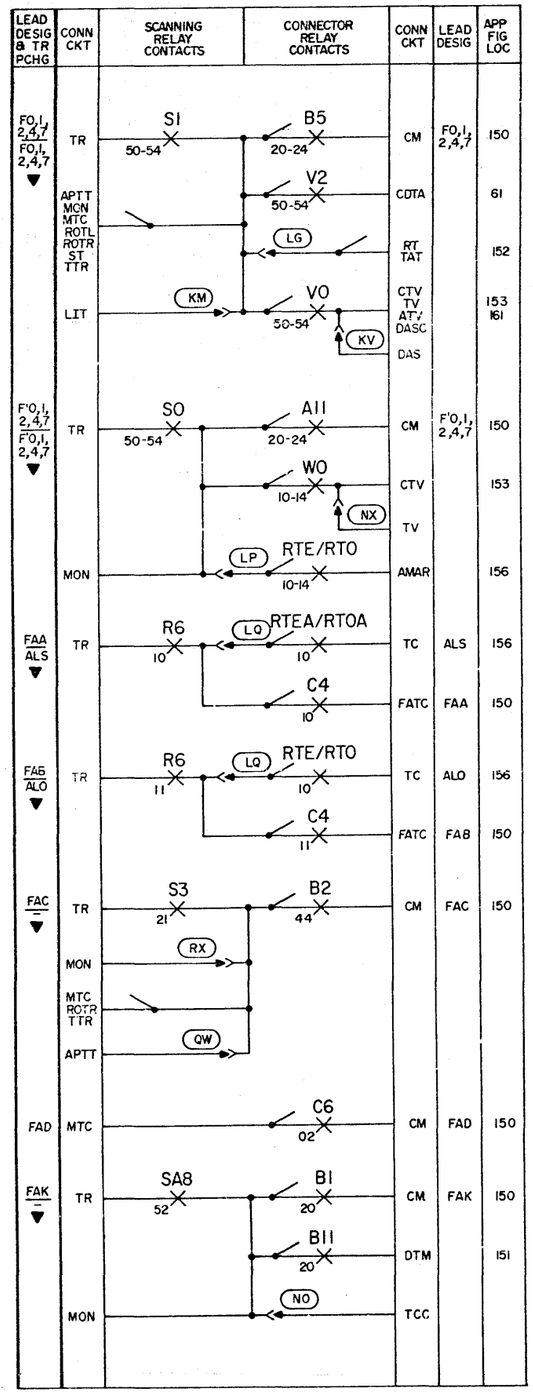
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
EF7 (CDA'7)	TR	R0 54	D2 14	CM	CDA'7	163
	MON		(JC)	BDT	F7	
EG	TR	RA3 32	A9 54	CM	EG	150
ELL	TTR		(PT) D0 53	CM	ELL	163
EN	TR	RA2 02	A9 43	CM	EN	150
	ETSPD					
ENI	MTC		(QT) D0 04	CM	ENI	163
ESCK TLRI5	TR	RA6 30		AMAT (NF) AIODT	TLRI5	152
ESCK	MTC		D0 03	CM	ESCK	163
EVG	TR	RA1 40	V0 34	TA	EVG	60
EXT	TR	SA4 52	V3 33 (NX)	CTV TV	EXT	153
EXT	ARET LV MTC		T1 44	CM	EXT	150
			T5 44	DTM		151
F	APTT MTC LV ROTR TTR		T0 00	CM	F	150

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD- 25805-01-		8147

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)



MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-	8148

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FS0-2	TT	(LE)	(NO)	TCC	FS0-2	
	LIT MON		B0 40-42	CM		150
	FS 34 298/ D5	(LB)	B10 40-42	DTM		151
	APTT					
FS3,4	TT	(LE)	(NO)	TCC	FS3,4	
	MON		B0 43,44	CM		150
	FS 34 298/ D5	(LB)	B10 43,44	DTM		151
	APTT					
FS5-9	TT	(LE)	B1 40-44	CM	FS5-9	150
	MON					
	FS 34 298/ D5	(LB)	B11 40-44	DTM		151
	APTT					
FS10-14	TT	(LE)	B0 50-54	CM	FS10-14	150
	MON					
	FS 34 298/ D5	(LB)	B10 50-54	DTM		151
	APTT					
FS15-19	TT	(LE)	B1 50-54	CM	FS15-19	150
	MON					
	FS 34 298/ D5	(LB)	B11 50-54	DTM		151
	APTT					
FS20, 21	TT	(LE)	B8 03,04	CM	FS20, 21	150
	MON					
	FS 34 298/ D5	(LB)	B12 03,04	DTM		151
	APTT					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FS22-26	TT	(LE)	B8 10-14	CM	FS22-26	150
	MON					
	FS 34 298/ D5	(LB)	B12 10-14	DTM		151
	APTT					
FS27-29	TT	(LE)	B8 20-22	CM	FS27-29	150
	MON					
	FS 34 298/ D5	(LB)	B12 20-22	DTM		151
	APTT					
FS/TO SWI ▼	TR	SA0 21	(NT)	FS 34 298/ D8 RRC	FS/TO SWI	
FS/TI RLK ▼	TR	SA0 22	(NT)	FS 34 298/ D8 RRC	FS/TI RLK	
FS/T2 RLJ ▼	TR	SA0 23	(NT)	FS 34 298/ D8 RRC	FS/T2 RLI	
FS/U0 RL2 ▼	TR	SA0 24	(NT)	FS 34 298/ D8 RRC	FS/U0 RL2	
FS/U1 — ▼	TR	SA0 30		FS 34 298/ D8	FS/U1	
FS/U2 CRT ▼	TR	SA0 31	(NT)	FS 34 298/ D8 RRC	FS/U2 CRT	
FS/U4 ETM ▼	TR	SA0 32	(NT)	FS 34 298/ D8 RRC	FS/U4 ETM	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FS/U7 SP ▼	TR	SA0 33	(NT)	FS 34 298/ D8 RRC	FS/U7 SP	
FTO-3 FTO-3 ▼	TR	RI 00-03	BI 10-13	CM	FTO-3	150
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR		B11 10-13	DTM		151
FTO-3				WC	DIS, SD, SR, TER	152
			V1 31-34	ATV DAS	FTO-3	161
OB FTO,I KJ FT2	SSI		V8 00-03	DAS TV		154
FTO-3	LIT	(KM)	V4 10-13	CDTA		61
— FTO-5 ▼	TR	RAI 00-04,10	V0 20-24,30	TA	FTO-5	60
FT'O SWTO EAO (NID) ▼	TR	RO 00	AI 10	CM	FT'O	150
			AI3 10	DTM		151
NID	MTC		V9 (LN) 24	TV	NID	154
SWTO	SSI	(OB)	(JC)	BDT	AO	
FT'I SWTI EAI (IOD) ▼	TR	RO 01	AI 11	CM	FT'I	150
			AI3 11	DTM		151
IOD	MTC		V9 (LN) 23	TV	IOD	154
SWTI	SSI	(OB)	(JC)	BDT	AI	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FT'2 EA2 (AOS) ▼	TR	RO 02	AI 12	CM	FT'2	150
			AI3 12	DTM		151
			V9 (LN) 22	TV	AOS	154
AOS	MTC		(JC)	BDT	A2	
FT'3 — ▼	TR	RO 03	AI 13	CM	FT'3	150
			AI3 13	DTM		151
FTC	APTT ARET MTC ROTL ROTR TTR		T0 40	CM	FTC	150
			T4 40	DTM		151
FTCK — ▼	TR	SA8 22	C4 50	CM	FTCK	150
			C11 54	DTM		151
	APTT ARET MTC ROTL ROTR TTR		(NO)	TCC		
FTKI — ▼	TR	SA8 42	AI 21	CM	FTKI	150
			AI3 21	DTM		151
FTKI	CLVA	(JH)	(NO)	TCC		

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		B149

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FTTO	TR	AB3 3	C0 50	CM	FTTO	150
	CLVA ETSPD LIT LV MTC		C8 50	DTM		151
FTT 1-3	TR	SA3 00-02	C0 51-53	CM	FTTI-3	150
	CLVA ETSPD LIT LV MTC		C8 51-53	DTM		151
FTT 4,5	TR	SA3 03,04	B8 01,02	CM	FTT4,5	150
	CLVA ETSPD LIT LV MTC		BI2 01,02	DTM		151
FUO,I, 2,4,7 FU-TH' 0,I,2, 4,7	TR	RI 04,10-13	B0 10-14	CM	FUO,I, 2,4,7	150
			B10 10-14	DTM		151
	APTT ARET CLVA ETSPD LIT LV MON MTC ROTL ROTR TTR			WC	CPI,2, 4,8 RSD	152
			V3 31-34,40	ATV DAS	FUO,I, 2,4,7	161
			V7 44,50-53	DAS TV		154
	SSI	OB	V4 00-04	CDTA		61
FUO,I, 2,4,7 FU-TH' 0,I,2, 4,7	TR	RAI 11-14,20	V0 40-44	TA	FUO,I, 2,4,7	60
FU'-SW 0,I, 2,4,7 EBO,I, 2,4	TR	R0 04,10-13	A0 10	CM	FU'0	150
			A0 11-14	CM	FU'I, 2,4,7	150
			JC	BDT	BO,I, 2,4	
			AI2 10-14	DTM	FU'0, I,2,4,7	151
			NO	TCC		
SWO,I, 2,4,7	SSI	OB	V6 30-32	CDTA	TFT 0-2	61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
FUTO,I, 2,4,7 CCO,I, 2,4,7	TR	SA3 10-14	LG	RT	CCO,I, 2,4,7	152
			NO	FS 37 29E/ B4 TCC	FUTAO, I,2,4,7	
FUTO-4	CLVA ETSPD LIT LV MTC		C0 40-44	CM	FUT 0-4	150
			C8 40-44	DTM		151
	FS 37 29E/ DO		VII 14,20-23	CTV	CCO-4	155
FUT 5-7	CLVA ETSPD LIT LV MTC		CI 40-42	CM	FUT 5-7	150
			C9 40-42	DTM		151
	FS 37 29E/ DO		VII 24,30,31	CTV	CC5-7	155
FUT8,9	CLVA ETSPD LIT LV MTC		CI 43,44	CM	FUT8,9	150
			C9 43,44	DTM		151
	FS 37 29E/ DO		VII 32,33	CTV	CC8,9	155
FVD FVD	TR	S3 03	B7 23	CM	FVD	150
	MON MTC ROTL ROTR TTR		V9 44	CDTA	LT3	61
G	MTC		TO 13	CM	G	150
			T4 13	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
GOJ, 2,4,7 GOJ, 2,4,7	TR	R8 00-04	B4 30-34	CM	GOJ, 2,4,7	150
	APTT MON MTC ROTL ROTR ST TTR		V3 00-04	CDTA		61
			LG	TAT		152
	LIT	KM	VI 00-04 KV	ATV CTV DASC TV DAS		161 153
G'OJ, 2,4,7 OA-AT 0,I 2,4,7	TR	R7 00-04	AIO 30-34	CM	G'OJ, 2,4,7	150
G'OJ, 2,4,7			VIO 30-34	CTV DASC	OAOJ, 2,4,7	155
OAOJ, 2,4,7	MON MTC		VI5 40-44	TV	ATOJ, 2,4,7	55
GIT	MTC		PC2 128 11	PRT	GI	37
GLA SNG	TR	RA3 02	A8 42	CM QG	SNG GLA	150
GLB NGKI	TR	RA3 04	A8 40	CM QG	NGKI GLB	150
GLH	TR	SA7 24	AO 32	CM	GLH	150
			AI2 32	DTM		151
			NO	TCC		
GPB AL4	TR	R6 14	C7 03	CM	GPB	150
GPB	APTT INTF MTC ROTC ROTR TTR	LQ	RTE/RTO 13	TC	AL4	156
GR	MTC		PC2 2T 1	PRT	GR	37

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
GSI-4 OGO, I,2,4 (NO,I, 2,4)	TR	R6 00-03	C6 41-44	CM	GSI-4	150
			VI2 20-23	CTV DASC	OGO,I, 2,4	155
OGOJ, 2,4	MTC		LG	TAT	NO,I, 2,4	152
GS5 OG7 (N7)	TR	R6 04	C7 40	CM	GS5	150
			VI2 24	CTV DASC	OG7	155
OG7	MTC			TAT	N7	152
GT2 XRLI	TR	SA7 31	LQ RTEA/RTOA 54	TC	XRLI	156
			AO 33	CM	GT2	150
			AI2 33	DTM		151
			NO	TCC		
GT5	TR	S7 21	AI 30	CM	GT5	150
PSG	MTC	LD	V9 00 A34 (2ND APP FIG 61)			
GTL	TR	SA8 14	NO	TCC	GTL	
			A3 21	CM		150
			AI5 21	DTM		151

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		8150

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HO,I, 2,4 / HO,I, 2,4 ▼	TR	R8 10-13	B5 30-33	CM	HO,I, 2,4	150
			V3 10-13	CDTA		61
			LG	TAT		152
	APTT MON MTC ROTR ST TTR		V1 10-13	CTV DASC TV		153
H7 / H7 ▼	TR	R8 14	B5 34	CM	H7	150
	APTT MON MTC ROTL ROTR ST TTR		V3 14	CDTA		61
			LG	TAT		152
	LIT	JA	V1 14	CTV TV ATV DASC		153 / 161
			KV	DAS		
H'O,I, 2,4,7 / OB-8T O,I, 2,4,7 ▼	TR	R7 10-14	A11 30-34	CM	HO,I, 2,4,7	150
H'O,I, 2,4,7	MON		V10 20-24	CTV DASC	OBO,I, 2,4,7	155
OBO,I, 2,4,7	MTC		V15 30-34	TV	BTO,I, 2,4,7	55
HD	MTC		PC2 48 3	PRT	HD	37
HF ORC2 / ORC2 ▼	TR	R4 54	V12 42	CTV DASC	ORC2	155
HF2	INTF		JJ			
HF/ ORC2	MTC		C5 14	CM	HF	150
HF1	INTF					
HFA	MTC		C6 01	CM	HFA	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HGO,I, 2,4,7 SW-T O,I, 2,4,7 ▼	TR	R1 30-34	B0 00-04	CM	HGO,I, 2,4,7	150
	APTT ARET CLVA ETSPD LV MON MTC ROTL ROTR TTR		V4 50-54	ATVC, DAS	SWO,I, 2,4,7 HGO,I, 2,4,7	161
HGO,I, 2,4,7			V8 30-34	TVC, DAS		154
	LIT	KM	V0 00-04	TA		60
HG'O,I, 2,4,7 EDO,I, 2,4,7 ▼	TR	R0 30-34	A0 00-04	CM	HG'O,I, 2,4,7	150
			NO	TCC		
			A12 00-04	DTM	HG'O,I, 2,4,7	151
			JC	BDT	DO,I, 2,4,7	
			V6 10-14	CDTA	TNTO, I,2,4,7	61
HGK ▼	TR	SA7 00	C0 54	CM	HGK	150
			C8 54	DTM		151
	MTC		NO	TCC		
HGTO-4	CLVA ETSPD LIT LV MTC		C0 20-24	CM	HGTO-4	150
			C8 20-24	DTM		151
	FS 37 29E/ DO		NO	TCC		
HGT5-9	CLVA ETSPD LIT LV MTC		C1 20-24	CM	HGT5-9	150
			C9 20-24	DTM		151
	FS 37 29E/ DO		NO	TCC		
HGTO TV ▼	TR	SA3 32	RTEA/RTOA 12	FS 37 29E/ 84 AMAR/ TC	HGTAO TV	156

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HGT1 IPA ▼	TR	SA3 33	RTEA/RTOA 01	FS 37 29E/ B4 AMAR/ TC	HGTAI IPA	156
HGT2 OTO ▼	TR	SA3 34	RTE/RTO 04	FS 37 29E/ B4 AMAR/ TC	HGTA2 OTO	156
HGT4 HRI ▼	TR	SA3 40	RTEA/RTOA 40 LP	FS 37 29E/ B4 AMAR	HGTA4 HRI	156
HGT7 ▼	TR	SA3 41		FS 37 29E/ B4	HGTA7	
HMS ▼	TR	AB5 10	D2 33 RM	CM	AG6	163
			OG	CWL	HMS	
HMSI ▼	TR	SA7 13	B1 22	CM	HMSI	150
			B11 22	DTM		151
	APTT MON MTC ROTR TTR		NO	TCC		
HNO-4	FS 28 2589		A8 10-14	CM	HNO-4	150
TBT O-4	ETSPD		TA			
	CLVA	KD				
	CLVA LV MTC ROTR TTR		E1 40-44			
HNO-4	FS 38 29E/ C5			FS 28 2584	HNAO-4	
	LIT	KM	V3 00-04	ATV	THO-4	161
THO-4	LIT	KM	V6 00-04	TV		154
	CLVA ETSPD LV MTC		V5 00-04	CDTA		61

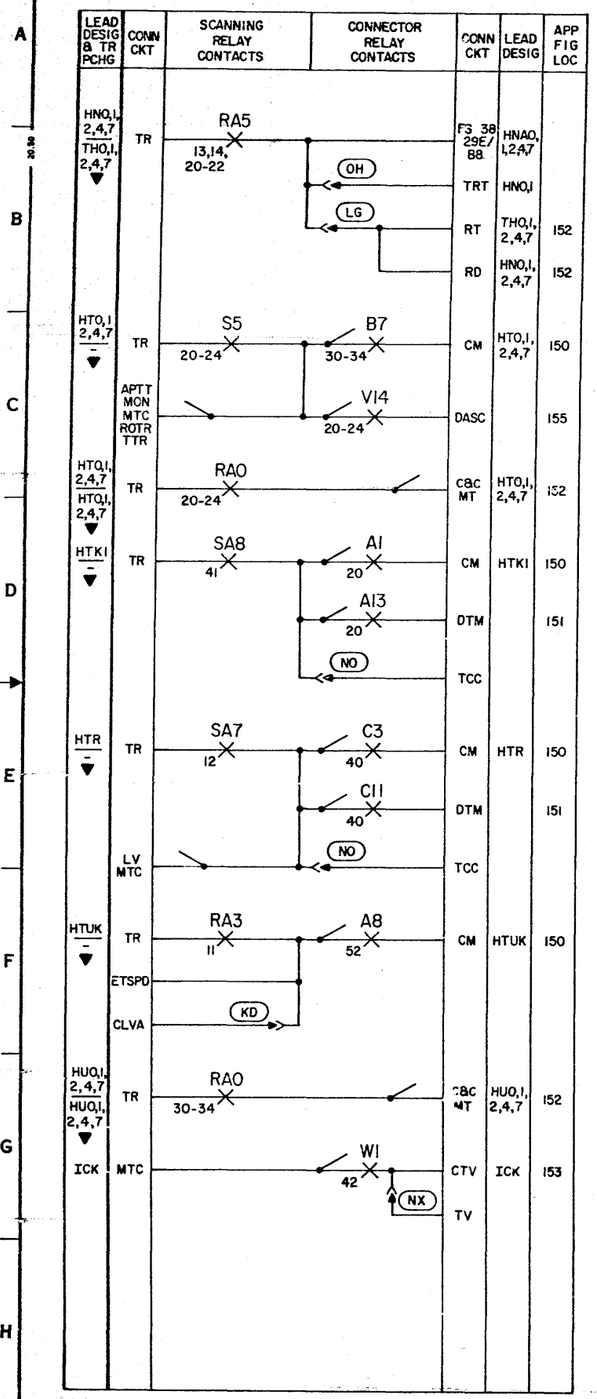
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
HNO-4	CLVA ETSPD LV MTC		V5 20-24	CDTA	HNO-4	61
				FS 28 2584	TAO-4	
TO-4	FS 38 29E/ C5		V2 40-44	ATV	HNO-4	161
			V5 40-44	TV		154
HN5-9	FS 28 2589		A9 10-14	CM	HN5-9	150
TBT5-9	ETSPD		TA			
	CLVA	KD				
	CLVA LV MTC ROTR TTR		E1 50-54			
HN5-9	FS 38 29E/ C5			FS 28 2584	HNA 5-9	
	LIT	KM	V3 10-14	ATV	TH5-9	161
TH5-9	LIT	KM	V6 10-14	TV		154
	CLVA ETSPD LV MTC		V5 10-14	CDTA		61
HN5-9	CLVA ETSPD LIT LV MTC		V5 30-34	CDTA	HN5-9	61
				FS 28 2584	TA5-9	
T5-9	FS 38 29E/ C5		V2 50-54	ATV	HN5-9	161
			V5 50-54	TV		154

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		B151

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(SP) **TABLE IE** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)



MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 988

BELL LABORATORIES SD-25805-01- 8152

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(SP) **TABLE IE** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JGO / CKL7 ▼	TR	RA7 44	A0 50	CM	JGO	150
			AI2 50	DTM		151
			NO	TCC		
			NT	RRC	CKL7	
JGI / CKRO ▼	TR	RA7 50	A0 51	CM	JGI	150
			AI2 51	DTM		151
			NO	TCC		
			NT	RRC	CKRO	
JG2 / CKRI ▼	TR	RA7 51	A0 52	CM	JG2	150
			AI2 52	DTM		151
			NO	TCC		
			NT	RRC	CKRI	
JG3 / CKR2 ▼	TR	RA7 52	A0 53	CM	JG3	150
			AI2 53	DTM		151
			NO	TCC		
			NT	RRC	CKR2	
JG4 / CKR4 ▼	TR	RA7 53	A0 54	CM	JG4	150
			AI2 54	DTM		151
			NO	TCC		
			NT	RRC	CKR4	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
JSQO	ARET MTC		T2 40	CM	JSQO	150
			T6 40	DTM		151
JSQI-4	MTC		T2 41-44	CM	JSQI-4	150
			T6 41-44	DTM		151
JSQ5	MTC		T3 40	CM	JSQ5	150
			T7 40	DTM		151
JSSF / OTK ▼	TR	SA2 51		BI	OTK	152
JSSF	MTC		52 P2 30	CM	JSSF	52
JXPA / — ▼	TR	SA7 20	A9 42	CM	JXPA	150
			AI7 42	DTM		151
			NO	TCC		
JXPI / — ▼	TR	SA7 22	A5 02	CM	JXPI	150
			AI7 00	DTM		151
			NO	TCC		
JXWI / XTS XIC ▼	TR	SA6 22	V8 44	TV	LN XIC / LO XTS	154
			52 P2 12	CM	JXWI	52
JXWA / XRST ▼	TR	SA6 20	V6 51	TV	XRST	154
			52 P2 13	CM	JXWA	52

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
KO,I, 2,4,7 / KO,I, 2,4,7 ▼	TR	R8 30-34	B5 40-44	CM	KO,I, 2,4,7	150
			V3 30-34	CDTA		61
			LG	TAT		152
APTT MON MTC ROTR ST TTR			V2 00-04	CTV DASC TV		153
K'O,I, 2,4,7 / ODO,I, 2,4,7 ▼	TR	R7 30-34	AII 40-44	CM	K'O,I, 2,4,7	150
K'O,I, 2,4,7	MON					
ODO,I, 2,4,7	MTC		VI0 00-04	CTV DASC	ODO,I, 2,4,7	155
KJSQ	ARET MTC		T3 41	CM	KJSQ	150
			T7 41	DTM		151
KM / — ▼	TR	RA4 20	E0 41	CM	KM	164
ETSPD MTC TTR				DAS		
LO,I, 2,4 / LO,I, 2,4 ▼	TR	R8 40-43	V7 00-03	TV	LO,I, 2,4	154
			LG	TAT		152
LO,I, 2,4	MON MTC ST		B4 50-53	CM		150
L7 / L7 ▼	TR	R8 44	B4 54	CM	L7	150
			V3 44	CDTA		61
			LG	TAT		152
APTT MON MTC ROTR ST TTR			V7 04	TV		154

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
L'O,I, 2,4,7 / OEO,I, 2,4,7 ▼	TR	R7 40-44	AI0 50-54	CM	L'O,I, 2,4,7	150
L'O,I, 2,4,7	MON					
OEO,I, 2,4,7	MTC		VI2 00-04	CTV DASC	OEO,I, 2,4,7	155
LAN	LV MTC		EI 13	CM	LAN	164
LB / — ▼	TR	S5 13	AI 33	CM	LB	150
	APTT	JF				
LCO / SM ▼	TR	RA8 11	NT	FS 37 29E/ B4 RRC	LCAO SM	
LCI / WSM ▼	TR	RA8 12	NT	FS 37 29E/ B4 RRC	LCAI WSM	
LC2 / WCK ▼	TR	RA8 13	NT	FS 37 29E/ B4 RRC	LCA2 WCK	
LC4 / RSI ▼	TR	RA8 14	NT	FS 37 29E/ B4 RRC	LCA4 RSI	
LC7 / RS2 ▼	TR	RA8 20	NT	FS 37 29E/ B4 RRC	LCA7 RS2	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		B153

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LCO-9	FS 37 29E/ D0		NO	TL	LCO-9	152
				TCC		
	MON			TTL	LCO-4	
LCDO / LCDO	TR	R3 42	B9 11	CM	LCDO	150
	MTC		VII 04	CTV DASC		155
LCDI / LCDI	TR	R3 43	B9 12	CM	LCDI	150
	MTC		VII 10	CTV DASC		155
LCD2 / LCD2	TR	R3 44	B9 13	CM	LCD2	150
	MTC		VII 11	CTV DASC		155
LCH	TR	RA3 42	A6 54	CM	LCH	150
LCK	TR	SA8 54	C1 50	CM	LCK	150
			C9 50	DTM		151
	LV MTC		NO	TCC		
LDN / AIODTI	TR	RA4 01	E0 01	CM	LDN	164
LDN	ETSPD LV MTC		NG	AIODT	TLR-	152
LDT / NMF	TR	S7 04	C4 04	CM	LDT	150
			C11 53	DTM		151
			NO	TCC		
			V10 50	CTV	NMF	155

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LESI	MTC		D1 12	CM	LESI	163
LESK	MTC		D1 03	CM	LESK	163
LFK	TR	SA8 43	A3 20	CM	LFK	150
	CLVA		KD	DTM		151
	ETSPD		NO	TCC		
LFKI	TR	SA8 50	E0 53 (TA)	CM	LFKI	164
			E0 53	CM		57
LH LST / LST	TR	R4 20	C7 52	WC	LTI	152
			V7 20	CM	LST	150
LST	MTC			TV		154
LH	SSI		OB RX VII 54	CTV DASC		155
LHM	APTT CLVA ETSPD LV MTC ROTL ROTR TTR		T2 32	CM	LHM	150
			T6 32	DTM		151
LHMT	APTT ARET LV MTC ROTL ROTR TTR		T2 33	CM	LHMT	150
			T6 33	DTM		151
LI	TR	RA3 50	C3 54	CM	LI	150
LIO DRA EMG	TR	S7 54	SL E2 51	FS 29 26A/ B8	DRA	
LIO	MON			CM	LIO	164
LII	TR	AB7 2	SL E2 50	CM	LII	164

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LIN	TR	RA2 11	A7 51	CM	LIN	150
	ETSPD					
LIT / TMG	TR	S8 23		FS 39 29F/ C7	LIT TMG	
LK	TR	SA7 02	A5 01	CM	LK	150
			AI6 04	DTM		151
			NO	TCC		
LKI / XIN3	TR	SA7 42	C5 03	CM	LKI	150
LKI	MTC		VI4 02	CTV	XIN3	155
LK2	APTT ARET MTC ROTL ROTR TTR		T0 14	CM	LK2	150
			T4 14	DTM		151
LK3	APTT ARET MTC ROTL ROTR TTR		T1 14	CM	LK3	150
			T5 14	DTM		151
LL7 / LL7	TR	RA7 23	A2 44	CM	LL7	150
	MTC	SL_OA	AI4 44	DTM		151
	ARET		NO	TCC		150
LLC 0-3 / DRO, 1,2,4 (IDO, 1,2,4)	TR	SAI 50-53	LG	RT	IDO, 1,2,4	152
			NT	RRC	DRO, 1,2,4	
			NH			
LLC 0-3	MTC		PI 22-24,30	CM	LLC 0-3	52

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LLCK / DL7 (TC7)	TR	SAI 44	LG	RT	TC7	152
			NO	TCC	LLCK	52
			NH PI 31	CM		52
			NT	RRC	DL7	
LLEI	MTC		D1 24	CM	LLEI	163
LLES	MTC		D1 02	CM	LLES	163
LLI	CLVA ETSPD LV MTC		T1 41	CM	LLI	150
LLJ	MTC		T3 42	CM	LLJ	150
			T7 42	DTM		151
LLP / AIODT 0	TR	RA4 00	NG	AIODT	TLR-	152
LLP	SSI		OB E0 52 (TA)	CM	LLP	164
	ETSPD LV MTC					

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | B154

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
– (LNP)	TR	RA2 41	F1 21	CM	LNP	178
	MTC					
– (LNPR)	TR	RA2 40	F1 20	CM	LNPR	178
	MTC					
LOLD SKI	TR	R4 40	VI3 11	CTV DASC	SKI	155
		QA	T2 02	CM	LOLD	150
	SKI MTC			WC	TTI	152
LOLL –	TR	R4 34		WC	TTO	152
		QA	B9 51	CM	LOLL	150
	ARET CLVA ETSPD LV MTC TTR		AI4 20	DTM		151
	LOLP MTC	QA	T2 04	CM	LOLP	150
	LPO,1,2 MTC		F0 52-54	CM	LPO,1,2	178
LPI –	TR	AB4 11	TA E0 51	CM	LPI	164
– (LPMK)	TR	RA5 53	F1 51	CM	LPMK	178
LR RL	TR	S7 13	B1 24	CM	LR	150
	LR OR RL MTC		V2 11	CTV PCTV TV	RL	153
	LR MON		V4 20	ATV PCTV		161

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LRA –	TR	RA3 23	TA E0 50	CM	LRA	164
			E0 50	CM		57
LLP2	LV MTC	IO	IN E1 11	CM	LLP2	164
LRI RLI	TR	S7 14	E2 44	CM	LRI	164
			SL			
LRI	MON MTC		VI3 02	CTV	RLI	155
– (LRL)	TR	RA2 53	RM D2 54	CM	LRL	163
	MTC					
LRR	LV MTC		E0 22	RU CM	LRR	164
LRS	LV MTC		E0 23	RU CM	LRS	164
LSK –	TR	SA4 42	NH P1 32	CM	LSK	52
LSKI	MTC		NH P2 04	CM	LSKI	52
LTI ATO	TR	S3 40		BI	ATO	152
LTI	APTT MON MTC ROTL ROTR TTR		B6 24	CM	LTI	150
LT2 ATI	TR	S3 41		BI	ATI	152
LT2	MON MTC ROTL ROTR TTR		B6 23	CM	LT2	150
LT3 AT2	TR	S3 42		BI	AT2	152
LT3	MON MTC ROTL ROTR TTR					
	APTT	QW	B2 41	CM	LT3	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LVO –	TR	AB8 11		FS 37 29E/ B4	LVAO	
LVI DC	TR	RA8 00	NT	FS 37 29E/ B4 RRC	LVAI DC	
LV2 DCC	TR	RA8 01	NT	FS 37 29E/ B4 RRC	LVA2 DCC	
LV4 TSTI	TR	RA8 02	NT	FS 37 29E/ B4 RRC	LVA4 TSTI	
LV7 ACTA	TR	RA8 03	NT	FS 37 29E/ B4 RRC	LVA7 ACTA	
LVF LVF	TR	S8 13		LV MTC	LVF	152
LVM LVM (WR)	TR	S8 14	QQ T2 02	LV MTC CM	LVM	152 150
			LG	RT	WR	152
LVR ACTB	TR	RA8 04	NT	TL RRC	LVR ACTB	152
LVS GO	TR	RA8 10	NT	TL RRC	LVS GO	152
LXPA –	TR	SA7 14	NO	TCC	LXPA	
			AI 32	CM		150
	MTC	PT	AI3 32	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
LXPI –	TR	SA7 23	A4 00	CM	LXPI	150
			AI6 00	DTM		151
			NO	TCC		
LXWI XRL	TR	SA6 21	V4 00	ATV	XRL	161
			V3 13	CTV TV		153
			52 P2 14	CM	LXWI	52
LXWA XST XPL	TR	SA6 14	LI V3 53	TV	XST	153
			TXEI/TXOI 9 10T	MT	XPL	28
			52 P2 20	CM	LXWA	52
M –	TR	S8 11	C5 41	CM	M	150
	IRT MTC		C10 54	DTM		151

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25305-01-		B155

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(SP) TABLE 1E (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MO,1,2,4 / MO,1,2,4	TR	R8 50-53 (LG) (OR) D0 00-02,13		TAT	MO,1,2,4	152
	MON MTC			CM		163
M7 / M7	TR	R8 54 B5 50 (LG)		CM	M7	150
	MON MTC ST	V7 10		TAT		152
				TV		154
MII / –	TR	AB7 10		MON	MII	152
M'O / OFO	TR	R7 50 VI2 10		CTV DASC	OFO	155
OFO	MTC	(OR)				
M'O	MON	D0 24		CM	M'O	163
M'1,2,4 / OF1,2,4	TR	R7 51-53 VI2 11-13		CTV DASC	OF1,2,4	155
OF1,2,4	MTC	(OR)				
M'1,2,4	MON	D0 30-32		CM	M'1,2,4	163
M'7 / OF7	TR	R7 54 VI2 14		CTV DASC	OF7	155
OF7	MTC					
M'7	MON	AII 50		CM	M'7	150
MAKI / –	TR	SA8 31 C2 43		CM	MAKI	150
		C10 43		DTM		151
	MTC ROTR	(NO)		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MB0,1,2 / MB0,1,2	TR	R2 10-12 C7 20-22		CM	MB0,1,2	150
		V7 34,40,41		TV		154
	MTC	V7 40-42		CDTA	CU0,1,2	61
MB4,7 / MB4,7	TR	R2 13,14 C7 23,24		CM	MB4,7	150
	LIT	(KV) V7 42,43		TV		154
	CLVA ETSPD LV MTC	V7 43,44		CDTA	CU4,7	61
MC	CLVA ETSPD LV MTC	V3 43		ATV PCTV	MC	161
	LIT	(KM) V2 31		CTV PCTV TV		153
MCS / TLR16	TR	RA6 31		AMAT (NF) AIODT	TLR16	152
		C5 51		CM	MCS	150
MF / –	TR	AB6 2 C3 31		CM	MF	150
	MTC TTR	(RX)				
	MON	C11 31		DTM		151
MIR / TV	TR	S8 21		FS 39 29F/A7	MIR	
				FS 9 9C2	TV	
MKR CM / MTRS	TR	S8 30 (53) SC 2'38		FS 2 2B3	CM	53
MKR DTM / –	TR	S8 31		FS 2 2D3	DTM	
MLF / –	TR	S6 53 C11 32		DTM	MLF	151
	MTC	(NO)		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MLFA	MTC	T4 54		DTM	MLFA	151
MOI	APTT ARET LV MTC ROTL ROTR TTR	T0 52		CM	MOI	150
		T4 52		DTM		151
MOA	CLVA ETSPD LV MTC	V2 34		CTV TV	MOA	153
		V4 04		ATV		161
MON	MON	B6 00		CM	MON	150
MOR / PRT	TR	S8 20		FS 39 29F/B7	MOR	
				FS 39 29F/F2	PRT	
MPP	MTC	B2 43		CM	MPP	150
MPT / –	TR	R3 52 C5 50		CM	MPT	150
	MTC					
MRL / XET	TR	SA6 53 C4 53		CM	MRL	150
		C9 54		DTM		151
		(NO)		TCC		
		V4 23		ATV	XET	161
		V6 42		TV		154
MRL	APTT ARET LV MTC ROTL ROTR TTR	V0 52		TA	XET	60
MTO,1,2,4,7 / MTO,1,2,4,7	TR	RA0 40-44		CBC MT	MTO,1,2,4,7	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MTIK	MTC	T0(-) 30		CM	MTIK	150
MCO,1	ETSPD	T0(0,1) 30		CM (MKR 0,1)		150
	CLVA					
MTIK	APTT ETSPD ROTL ROTR	(00)				
	ARET CLVA LV TTR	(0J)				
MT7K	APTT MTC ROTL ROTR	(0C) A5 11		CM	MT7K	150
MT2K	APTT MTC ROTL ROTR TTR	T1 12		CM	MT2K	150
		T5 12		DTM		151
MT3K	MTC	T3 32		CM	MT3K	150
		T7 32		DTM		151
MT4K	ARET MTC	(PD) C5 10		CM	MT4K	150
MT5	APTT MTC ROTL ROTR TTR	T3 33		CM	MT5	150
		T7 33		DTM		151
MT7	ARET MTC	T3 44		CM	MT7	150
		T7 44		DTM		151

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 998

BELL LABORATORIES | SD-25805-01- | B156

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
MT8K	APTT ARET MTC ROTL ROTR TTR	T3 34		CM	MT8K	150
		T7 34		DTM		151
MT9K	APTT MTC ROTL ROTR TTR	T3 43		CM	MT9K	150
		T7 43		DTM		151
MTIOK	APTT ARET MTC ROTL ROTR TTR	TI 13		CM	MTIOK	150
MTI2	APTT MTC ROTL ROTR	TO 44		CM	MTI2	150
				DAS		
MT38K	MTC	(RW)	B8 53	CM	MT38K	150
MT57	APTT ROTL ROTR	(NE) T3 21		CM	MT57	150
				DAS	KAMA	
MLO,1, 2,4,7 / MLO,½, 2,4,7	TR	RAO 50-54		CBC MT	MLO,1, 2,4,7	152
MXT	TR	AB5 03	A7 14	CM	MXT	150
			AI7 31	DTM		151
			(NO)	TCC		
N7	TR	AB0 (OR) 2	DO 54	CM	N7	163
	MON MTC					
N'7	TR	AB8 (OR) 10	DI 54	CM	N'7	163
	MON					
NAMA	MTC		C6 00	CM	NAMA	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NC TVT / TVT	TR	R4 30	BII 24	DTM	NC	151
			C7 53	CM	TVT	150
				FS 13 IIEI		
				FS 13 IIE2		
				WC	LUi	152
			VI 54	TA	TVT	60
NDI / TLR28	TR	RA6 53		AMAT (NF) AIODT	TLR28	152
			A4 24	CM	NDI	150
NDK / TLR29	TR	RA6 54		AMAT (NF) AIODT	TLR29	152
	MON		B2 01	CM	NDK	150
NDT	APTT LV MTC ROTR TTR		CI 53	CM	NDT	150
NE	TR	SA8 12	A9 02	CM	NE	150
NGO-2	FS 38 29E/ C5		V4 30-32	CDTA	OFFO-2	61
				DAPC	DACO-2	152
				NGC	NGCO-2	152
OFFO-2	ETSPD LV MTC		V6 20-22	TV	OFFO-2	154
			VI 20-22	ATV		161
NG3,4	FS 38 29E/ C5			NGC	NGC3, 4	152
			V6 23,24	TV	OFF3,4	154
			VI 23,24	ATV		161
OFF3,4	ETSPD LV MTC		V4 33,34	CDTA		61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NG5	FS 38 29E/ C5		V4 40	CDTA	OFF5	61
				NGC	NGC5	152
OFF5	ETSPD LV MTC		V6 30	TV	OFF5	154
			VI 30	ATV		161
NG6-9	FS 38 29E/ C5		V4 41-44	CDTA	OFF6-9	61
				NGC	NGC6-9	152
OFF6-9	ETSPD LV MTC		V9 31-34	TV	OFF6-9	154
			VI 10-13	ATV		161
NGCTO	TR	AB5 11		DAPC	DACA	152
				NGC	NGCTO	152
NGCTI / CFTO	TR	RA5 00		DAPC	DACB	152
				NGC	NGCTI	152
			V9 40	TV	OFTO	154
			V3 20	ATV		161
OFTO	ETSPD LV MTC		V4 50	CDTA		61
NGCT 2,3 / CFTI,2	TR	RA5 01,02		NGC	NGCT 2,3	152
			V9 41,42	TV	CFTI,2	154
			V3 21,22	ATV		161
OFTI,2	ETSPD LV MTC		V4 51,52	CDTA		61
NGCU 0,1 / CFFO,I (SO,I) (RTO,I)	TR	RA5 03,04		FS 38 29E/ 88	NGAO,I	
		(LG)	T2 20,21	RTC	RTO/I	150
				RT	SO,I	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NGCU 2,4,7 / OFF 2,4,7 (S2-4)	TR	RA5 10-12		FS 38 29E/ 88	NGA 2,4,7	
				RT	S2-4	152
NGK	TR	RA3 03	B5 54	CM	NGK	150
	ETSPD LV MTC					
NID SPL / SPL	TR	R4 51	BI 32	CM	SPL	150
SPL	LIT	(JA)	WI 54	TV		153
	CLVA ETSPD LV MON MTC TTR			WC	TU4	152
NLOI	TR	S7 24	VII 01	CTV	NLOI	155
NMR / TLRI8	TR	RA6 33		AMAT (NF) AIODT	TLRI8	152
			C4 14	CM	NMR	150
NN ORCI / ORCI	TR	R4 53	C5 11	CM	NN	150
NN	ETSPD	(KW)				
NN OR ORCI	MTC		VI2 41	CTV DASC	ORCI	155

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 8157

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NOB / NOB	TR	R6 53	C7 31	CM	NOB	150
	ARET APTT ETSPD LV MTC ROTL ROTR		V3 53	CDTA		61
			V4 12	ATV		161
	LIT	(KV)	V2 21	CTV DASC TV		
NOB' / —	TR	R4 32	C7 44	CM	NOB'	150
				WC	LV4	152
NOBT	MTC TTR		TI 52	CM	NOBT	150
— / (NPC)	TR	RA2 44	FI 30	CM	NPC	178
	MTC					
— / (NPM)	TR	RA2 43	FI 24	CM	NPM	178
NPR	MTC		FI 14	CM	NPR	178
NR / —	TR	RA3 34	A9 01	CM	NR	150
NSI / DRA4	TR	S7 52 (LG)	A4 23	RT	DRA4	152
				CM	NSI	150
				FS 29 26A/ B8	DRA4	
NSO / DRA2	TR	S7 51 (LG)	A4 22	RT	DRA2	152
				CM	NSO	150
				FS 29 26A/ B8	DRA2	
NSP / —	TR	AB2 10 (PS)	B3 00	CM	NSP	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
NT ORCO / ORCO	TR	R4 52	C5 13	CM	NT	150
			VI2 40	CTV DASC	ORCO	155
NT OR ORCO	MTC			WC	TU7	152
— / NTB (CD'CT' 4)	TR	S2 20	A7 53	CM	CD'4	150
NTB	ARET					
CD'4	MON					
NTCW	MTC	(OG)	H0 13	CM	NTCW	198
NTH	ARET MTC		T0 20	CM	NTH	150
			T4 20	DTM		151
NTT / —	TR	R3 51	C4 54	CM	NTT	150
	MTC					
NTVB	MTC	(OG)	H0 14	CM	NTVB	198
NW / AR2	TR	R6 24 (LQ)	RTE/RTO 22	TC	AR2	156
		(52)	P0 54	CM	NW	52
NWT / AR4	TR	R6 30 (LQ)	RTE/RTO 23	TC	AR4	156
	MTC	(52)	P1 12	CM	NWT	52
OA / OA	TR	S3 11	B7 13	CM	OA	150
	APTT	(QW)				
	LV MON MTC ROTR					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OB / OB	TR	S3 12	B7 14	CM	OB	150
	APTT	(QW)				
	LV MON MTC ROTR TTR					
OBS / OBS	TR	R6 52	C7 30	CM	OBS	150
			V2 22	CTV DASC TV		153
			V4 11	ATV		161
	MTC		V3 54	CDTA		61
OBS' / —	TR	R4 31	C7 43	CM	OBS'	150
				WC	LU2	152
OBST	MTC		TI 51	CM	OBST	150
OCI	MTC		T4 22	DTM	OCI	151
OCN / U7 (OC7)	TR	S5 54 (LG)		RT	OC7	152
			RTEI/RTOI 9 IOT	AMAR	U7	28
		(LQ)	RTE/RTO 44	TC		156
OCN	MTC		C7 00	CM	OCN	150
OD RNTO / RNTO CD	TR	R3 20	VI3 03	CTV DASC	OD	155
RNTO	ETSPD		V9 20	TV	RNTO	154
ODT OR RNTO	CLVA LV MTC					
	LIT	(XV)	B9 33	CM	OD	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OD' RNTO / —	TR	R3 22	B9 34	CM	OD'	150
— / OF	TR	SA4 50	V6 53	TV	OF	154
	LIT	(KM)				
	CLVA ETSPD LV MTC					
— / JF	TR	RAI 21	V0 31	TA	OF	60
OFH / —	TR	RA2 24	C2 53	CM	OFH	150
			V9 11	CDTA	DUAL	61
— / (OHS)	TR	RA2 32	FI 54	CM	OHS	178
	MTC					
OP	MTC		DI 10	CM	OP	163
OPR / ARS	TR	R6 21 (LQ)	RTEA/RTOA 11	TC	ARS	156
			AII 52	CM	OPR	150

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 65	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8158

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SP TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OR	TR	S3 20	C6 03	CM	OR	150
	MON	RX				
	APTT ARET MTC ROTL ROTR TTR					
ORC'1	TR	R3 54	B9 41	CM	ORC'1	150
ORC'2	TR	AB3 10	B9 42	CM	ORC'2	150
OSO-4	TR	R3 10-14	B3 10-14	CM	OSO-4	150
OS3 OSO-4	AIS-SC MTC	OA				
	SSI	OB				
OSO-2	AIS-SC	PY	V7 20-24	CDTA	MUO,1, 2,4,7	61
OSC	APTT MTC ROTL ROTR	TI 43		CM	OSC	150
OSE XRN	TR	SA7 50 LO	V7 11	TV	XRN	154
			C7 33	CM	OSE	150
OSGO-4	FS 31 29A/ EO		B3 20-24	CM	OSG 0-4	150
	ETSPD MTC					
	LV	TA				
	SSI	OB				
OSG 5-9	FS 31 29A/ EO		B6 10-14	CM	OSG5-9	150
	ETSPD MTC					
	LV	TA				
	SSI	OB				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OSGIO, II	FS 31 29A/ EO		B9 23,24	CM	OSGIO, II	150
	ETSPD MTC					
	LV	TA				
	SSI	OB				
OSG/TO CLF	TR	R4 00		WC	FTO	152
		JC		BDT	CLF	
				FS 31 29A/ B5	OSG/T 0	
OSG/TI ENCO	TR	R4 01		WC	FTI	152
		JC		BDT	ENCO	
				FS 31 29A/ B5	OSG/T I	
OSG/ UO ENC1	TR	R4 02		WC	FUO	152
		JC		BDT	ENC1	
				FS 31 29A/ B5	OSG/ UO	
OSG/ UI POTS	TR	R4 03	LI V2 54	TV	POTS	153
				FS 31 29A/ B5	OSG/ UI	
				WC	FUI	152
OSG/ U2 DTW	TR	R4 04	LI V2 53	TV	DTW	153
				FS 31 29A/ B5	OSG/ U2	
				WC	FU2	152
OSG/ U4 W	TR	R4 10	LI V3 20	TV	W	153
				FS 31 29A/ B5	OSG/ U4	
				WC	FU4	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
OSG/ U7 SCH	TR	R4 11 LI	V3 22	TV	SCH	153
				FS 31 29A/ B5	OSG/ U7	
				WC	FU7	152
OSK XRE	TR	SA7 51	C7 34	CM	OSK	150
OSK	MTC	LO	V7 12	TV	XRE	154
OST2	TR	SA7 53	A4 12	CM	OST2	150
OTT TLR26	TR	RA6 51		AMAT	TLR26	152
				NF AICOT		
OTT	APTT MTC		CI 54	CM	OTT	150
	ROTR	KU	NO	TCC		
OV	TR	RA2 22	C2 51	CM	OV	150
	INTF ROTR					
	APTT	JE				
OVG	TR	RAI 34	VO 33	TA	OVG	60
OVK	MTC		TO 11	CM	OVK	150
PO	TR	A87 11	NO	TCC	PO	
			A2 50	CM		150
			AI4 50	DTM		151
P1,2 TLR30, 31	TR	RA7 00,01	A2 51,52	CM	P1,2	150
			AI4 51,52	DTM		151
		NO		TCC		
				AMAT	TLR30, 31	152

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
P3,4 CH0,1 (CF0,1)	TR	RA7 02,03	NT	RRC	CH0,1	
			A2 53,54	CM	P3,4	150
			AI4 53,54	DTM		151
			NO	TCC		
			LG	RT	CF0,1	152
P5 CH2 (CF2)	TR	RA7 04	NT	RRC	CH2	
			A3 50	CM	P5	150
			AI5 50	DTM		151
			NO	TCC		
			LG	RT	CF2	
P5 (XST)	TR	SA4 33	RM D2 52	CM	XST	163
			V2 43	CTV	P5	153
			NX	TV		
P6,7 (CF3, 4)	TR	RA7 10,11	A3 51,52	CM	P6,7	150
			AI5 51,52	DTM		151
			NO	TCC		
			LG	RT	CF3,4	

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 65 | ISSUE 100B

BELL LABORATORIES | SD-25805-01- | 8159

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
P8 / MTRA	TR	RA7 12	A3 53	CM	P8	150
			AI5 53	DTM		151
			NO	TCC		
			NT	RRC	MTRA	
P9 / MTRB	TR	RA7 13	A3 54	CM	P9	150
			AI5 54	DTM		151
			NO	TCC		
			NT	RRC	MTRB	
PA / CKLO	TR	RA7 40	A3 41	CM	PA	150
			AI5 41	DTM		151
			NU	TCC		
			NT	RRC	CKLO	
	PA MTC		WI 52 NX	CTV	PA	153
				TV		
PAN / —	TR	RA4 04	E0 03	CM	PAN	164
	ETSPD LV MTC					
PB / CKLI	TR	RA7 41	A3 42	CM	PB	150
			AI5 42	DTM		151
			NT	RRC	CKLI	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
P8N / —	TR	RA2 03	A9 50	CM	P8N	150
PBX / —	TR	S6 42	BII 21	DTM	PBX	151
PBX	MTC		QA T2 03	CM	PBX	150
PBXI / —	TR	RA3 14	C7 04	CM	PBXI	150
PC / CKL2	TR	RA7 42	A3 43	CM	PC	150
			AI5 43	DTM		151
			NT	RRC	CKL2	
PCD / RGI	TR	S3 31	5B (157) TCA 4	BI CTV	RGI	152
PCD	MON MTC ROTR TTR		B3 43	CM	PCD	150
	APTT		QW			
	LV		QZ			
PCDI / RG2	TR	S3 32	4T (157) TCA 3	BI CTV	RG2	152
PCDI	MON MTC ROTR TTR		B3 44	CM	PCDI	150
	APTT		QW			
	LV		QZ			
— / PCK (CDIO)	TR	S2 10	RM DO 33	CM	CDIO	163
CDIO OR PCK	MTC					
CDIO	MON		PC2 28 1	PRT	PCK	37

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PCR / RGO	TR	S3 30	6T (157) TCA 5	BI CTV	RGO	152
PCR	APTT MON MTC ROTR TTR		B3 42	CM	PCR	150
	LV		QZ			
PD / CMK TOK	TR	S4 14	B5 52	CM	PD	150
PD	MON					
PD, TOK, CMK	MTC		OP,OT PC2 (3,4) 8T 7	PRT	TOK	37
			PC2 (5-7) 8T 7	PRT	CMK	37
PDK	MTC		T2 11	CM	PDK	150
PE / CKL4	TR	RA7 43	B8 30	CM	PE	150
			BI2 30	DTM		151
			NT	RRC	CKL4	
PERF 0-2 / PERF 0-2	TR	RAI 52-54		FS 2 2G6	PERF 0,1,2	
PHC / PHC	TR	S3 13	B3 40	CM	PHC	150
	MON MTC					
	APTT		QW			
PK / —	TR	S4 20	B5 53	CM	PK	150
	APTT ARET MON MTC ROTL ROTR TTR		NO	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PKI / —	TR	S3 43	52 PO 10	CM	PKI	52
	MON MTC TTR		AI3 34	DTM		151
— / (PLB)	TR	RA2 34	FI 53	CM	PLB	178
	MTC					
PLL	MTC		B2 42	CM	PLL	150
— / (PML)	TR	RA2 42	FI 22	CM	PML	178
	MTC					
PN / —	TR	RA2 00	A9 44	CM	PN	150
PN	ETSPD					
PNR / CKRS	TR	RA7 34	NO	TCC	PNR	
			A3 44	CM		150
			AI5 44	DTM		151
			NT	RRC	CKRS	
POTS / ACCT2	TR	RA4 02	NG	AIODT	TLR-	152
	CLVA ETSPD LV MTC TTR		E0 00	CM	POTS	57 164

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
		6S	988
BELL LABORATORIES	SD-25805-01-		B160

SD-25805-01-B160

(SP) **TABLE IE** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PR	TR	RA8 22	AI 53	CM	PR	150
			AI3 53	DTM		151
	PRE MTC		FI 01	CM	PRE	178
	PRI MTC	JD	FI 00	CM	PRI	178
PRL (CDI5)	TR	S2 11	RM DO 34	CM	CDI5	163
	CDI5 MON					
	CDI5 OR PRL MTC		PC2 4T 3	PRT	PRL	37
	PRLT MTC		VI2 53	CTV DASC	PRLT	155
	PRO MTC		FI 02	CM	PRO	178
PRR FLG DRAO	TR	S7 44	LG RT		DRAO	152
			CI 34	CM	FLG	150
	FLG ETSPD		NO TCC		PRR	
	CLVA	KD		FS 29 26A/ 88	DRAO	
PS RST-EMG	TR	S4 13	B5 51	CM	PS	150
			NO TCC			
	PS MON MTC		STC 11 128	MT	RST-EMG	29
PSI LOI	TR	S7 23	VII 03	CTV	LOI	155
			LD			
	PSI MTC		A7 32	CM	PSI	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
PTK	TR	RA3 13	C3 51	CM	PTK	150
	CLVA ETSPD LV					
PTN	TR	AB2 11	A8 51	CM	PTN	150
	ETSPD					
PTR (CDCT 1)	TR	S2 13	A7 40	CM	CD'I	(1ST-5TH) 150
			(1ST-5TH APP FIG 37)			
	PTR MTC		PC2 88 7	PRT	PTR	37
			(6TH-8TH APP FIG 37)			
	CD'I MON		PC2 88 7	PRT	TR	37
PUL	TR	RA2 30	V8 43	CDTA	SPTO	61
			A8 44	CM	PUL	150
RA	TR	S6 21	C2 44	CM	RA	150
			CIO 44	DTM		151
	APTT INTF MTC ROTL ROTR TTR		NO TCC			
RB	TR	SA4 53	V3 34	CTV TV	RB	153
RBT	APTT ARET MTC ROTL ROTR TTR		T0 54	CM	RBT	150
RBTI	APTT ARET MTC ROTL ROTR TTR		C5 44	CM	RBTI	150
RC	APTT LV MTC ROTR		T0 12	CM	RC	150
			T4 12	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCK2	TR	RA3 53	C3 53	CM	RCK2	150
RCK3	TR	RA3 54	A5 13	CM	RCK3	150
RCT	APTT LV MTC ROTL ROTR		T0 43	CM	RCT	150
RCTI	APTT ETSPD LV MTC			FS 40 296/ CO	GI	
GI	FS 33 298/ EI		C4 31	CM	RCTI	150
RCT2-4	LV MTC			FS 40 296/ CO	G2-4	
G2-4	FS 33 298/ EI		C4 32-34	CM	RCT2-4	150
RCT5-9	LV MTC			FS 40 296/ CO	G5-9	
G5-9	FS 33 298/ EI		C5 30-34	CM	RCT5-9	150
RCT10-14	LV MTC			FS 40 296/ CO	G10-14	
G10-14	FS 33 298/ EI					
RCT10	ROTL ROTR		C4 40-44	CM	RCT10-14	150
RCT15	LV MTC			FS 40 296/ CO	G15	
G15	FS 33 298/ EI		C5 40	CM	RCT15	150
RCT/T 0,1 G/T 0,1	TR	RA4 43,44		FS 33 298/ EO	G/T0,1	
RCT/U01, 2,4,7 G/U0, 1,2,4, 7	TR	RA4 50-54		FS 33 298/ EO	G/U0,1, 2,4,7	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RCY	TR	S6 20	A5 33	CM	RCY	150
	INTF		T5 41	DTM		151
	MTC	KH	NO	TCC		
RDCK XU1	TR	SA6 43	RTEA/RTOA 42	AMAR/ TC	XU1	156
		52	PO 34	CM	ROCK	52
RDL	MTC		WI 44	CTV	RDL	153
			NX	TV		
RDR TLR19	TR	RA6 34		AMAT NF AIODT	TLR19	152
		SL	E2 20	CM	RDR	164
RDS TLR20	TR	RA6 40		AMAT NF AIODT	TLR20	152
		SL	E2 21	CM	RDS	164
RE	MTC		T0 22	CM	RE	150

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE	ISSUE
	6S	988
BELL LABORATORIES	SD-25805-01-	8161

SD-25805-01-8161

(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
REI	TR	S7 30	VI3 01	CTV	REI	155
READ TURN OVER	TR	S8 43		FS 39 29F/ D7	TOR2	
RF DCKF	TR	RA8 24	(NT)	FS 28 25F4 RRC	RFA DCKF	
	RF	FS 28 25F9	AI 50	CM	RF	150
			AI3 50	DTM		151
RH L5D L5D	TR	R4 21		WC	LT2	152
L5D	MTC		C7 51	CM	L5D	150
RH	SSI	(OB)	V7 23	TV		154
RI	TR	RA2 14	B3 03	CM	RI	150
	CLVA ETSPD LV MTC					
RIK MG	TR	SA6 02	TXEI/TX0I 3 48	MT	MG	28
RIK	MON MTC		(SL) E2 34	TRMC-MP	RIK	164
RIP	TR	RA4 10	E0 04	CM	RIP	164, 150
	ETSPD LV MTC		B9 22			
RIW	TR	RA3 00	(52) P0 12	CM	RIW	52
	MTC					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RK	TR	SA7 01	A5 00	CM	RK	150
			AI6 53	DTM		151
			NO	TCC		
RK (CD'CT' 10)	TR	S2 22	RM	MON	CD'10	152
	RK	ARET				
RKI ORK	TR	SA8 33	A2 21	CM	ORK	150
			AI4 21	DTM	RKI	151
			NO	TCC		
RK2	TR	SA8 34	A2 22	CM	RK2	150
			AI4 22	DTM		151
			NO	TCC		
RK3	TR	AB7 3	A2 23	CM	RK3	150
			AI4 23	DTM		151
			NO	TCC		
RL	TR	SA7 11	A5 03	CM	RL	150
			NO	TCC		
	RLA	MTC	V2 41	CTV PCTVC TV	L, RLA	153
			V3 41	ATV	RLA	161

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RLK (CD'CT' 0)	TR	S2 12	A7 24	CM	CD'0	150
RLK	INTF MTC					
CD'0	MON		PC2 6T 5	PRT	RLK	37
RN-SPC-ITC-0	TR	R3 00		FS 37 29E/ 84	RNA0	
			V7 50	CDTA	CGA	61
RN-SPC-ITC-1	TR	R3 01		FS 37 29E/ 84	RNA1	
			V7 51	CDTA	CGB	61
RN-SPC-ITC-2	TR	R3 02		FS 37 29E/ 84	RNA2	
RN-SPC-ITC-4	TR	R3 03		FS 37 29E/ 84	RNA4	
			V7 13	CDTA	MTO	61
RN-SPC-ITC-7	TR	R3 04		FS 37 29E/ 84	RNA7	
			V7 14	CDTA	MTI	61
RN-VU 0,1,2 RNO, 1,2	TR	R2 20-22	C6 20-22	CM	RNO, 1,2	150
RNO, 1,2	MTC					
VUO, 1,2	SSI	(OB)	VI 30-32	CTV TV	RNO, 1,2	153
RN-VU 4,7 RN4,7	TR	R2 23,24	C6 23,24	CM	RN4,7	150
RN4,7	CLVA ETSPD LV MTC					
	LIT		(KV)			
VU4,7	SSI	(OB)	VI 33,34	CTV TV	RN4,7	153

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RNG	TR	RA3 33	A8 43	CM	RNG	150
	ETSPD					
RNK	TR	AB6 3	B7 04	CM	RNK	150
RNT2	TR	SA7 54	A5 22	CM	RNT2	150
RNT20 RNT2	TR	R3 24	(NJ) V4 40	TV	RNT2	153
			(NJ) A5 10	CM	RNT20	150
RNT20	MTC					
RNT'2 CRC'0	TR	R3 53	B9 40	CM	CRC'0 RNT'2	150
RO	TR	S3 44	B3 54	CM	RO	150
	MON MTC					
RO' NAC	TR	R4 14	(LI) V2 43	TV	NAC	153
			A4 01	CM	RO'	150
RO'	MTC		(PY)	WC	LTO	152

SD-25805-01-8162

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 8162

(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
(RO1) —	TR	ABI 11 (RM) D2 40		CM	RO1	163
— (RO2)	TR	RAI 00 (RM) D2 41		CM	RO2	163
— (RO3)	TR	RAI 01 (RM) D2 42		CM	RO3	163
ROA DRTI (DRATI)	TR	S7 43 A9 00 (OF) BII 14 (LT)		CM DTM FS 29 26A/ B7 RT	ROA DRTI DRATI	150 151
ROG	APTT MTC ROTL ROTR TTR	TI 42		CM	ROG	150
ROH	MTC	(LD) C2 41		CM	ROH	150
ROPT	MTC	VI3 51		CTV DASC	ROPT	155
ROT	MTC TT	B6 04		CM	RP	150
— (ROT)	TR	RAI 02 (RM) D2 43		CM	ROT	163
ROTL MTPT MTPT	TR	S8 02		MTC MROTL ROTL ROTR	MTPT ROTL	152
RP TLR3	TR	RA6 03		AMAT (NF) AIODT	TLR3	152
RP	APTT ARET MON MTC ROTL ROTR TTR	B7 12		CM	RP	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RP-RA 0-3 TIA 0-3	TR	S6 03,04, 10,11 (NO)		TCC TRC CTV	RAO-3 RPO-3 TIA 0-3	152 155
			VI3 33,34, 40,41			
RP-RA 4 —	TR	S6 12 (NO)		TCC TRC	RA4 RP4	152
RPAB 4W	TR	S6 01		TRC	RPAB	
4WT	ETSPD LV MTC		V6 40 (LN)	TV	4W	154
RPB 2W	TR	S6 00		TRC	RPB	152
2WT	ETSPD LV MTC					
	LIT	(KV)	V6 34 (LN)	TV	2W	154
RPK TLR4	TR	RA6 04		AMAT (NF) AIODT	TLR4	152
			AII 53	CM	RPK	150
RPSA TTT	TR	S6 02		TRC ATV TV	RPSA TTT	152 153
		(TM)	V3 54			
RR PRCY —	TR	S6 22	C6 53	CM	PRCY	150
	INTF	(NO)		TCC	RR	
RSO 3AM RT	TR	SA3 52 (NT)		MT AMAR RSSC	3AM RT RSO	29
		STC 11 12T				
		(PT)				

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RSI RTST TEN	TR	SA3 53 (NT)		MT MT RSSC	RTST TEN RSI	28
		TXEI/TXOI 3 4T				
		(PT)				
RS2 MTFT ET	TR	SA3 54 (NT)		MT MT RSSC	MTFT ET RS2	28
		TXEI/TXOI 5 6T				
		(PT)				
RS5 TST	TR	RA4 33	C5 20	CM	RS5	150
	RS5 MTC	(NT)		RRC	TST	
RS6 EXI	TR	RA4 34	C5 21	CM	RS6	150
	RS6 MTC	(NT)		RRC	EXI	
RS7 EX2	TR	RA4 40	C5 22	CM	RS7	150
	RS7 MTC	(NT)		RRC	EX2	
RS8 GA	TR	RA4 41	C5 23	CM FS 40 29C/ CO	RS8 GA	150
	RS8 MTC					
RS9 GB	TR	RA4 42	C5 24	CM FS 40 29C/ CO	RS9 GB	150
	RS9 MTC					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RS-TP 0-4 —	TR	RA4 23,24, 30-32	C4 20-24	CM	RSO-4	150
RSO-4	MTC					
RSO,1	ETSPD ROTR		(NO)	TCC	TPO-4	
RSC XTOK	TR	SA7 33	A4 10	CM	RSC	150
		(LQ)	RTEA/RTOA 52	TC	XTOK	156
RSK —	TR	RA3 44	C4 30	CM	RSK	150
	ETSPD LV MTC ROTR					
RSMK XRB	TR	SA6 31	(LQ) RTEA/RTOA 51	TC	XRB	156
			V3 03	CTV TV		153
		(52)	PO 41	CM	RSMK	52
RST-RG 20-23	FS 35 29C/C1		RGC2 3-9 48-10B	PRTC-ORP	RG20-23	35
		(NJ)	V4 20-23	TV	RST 20-23	153
			STC4 1-7 28-88	MT		29
			STC5 1-7 28-88	AMAR		29
RST 24-29	FS 35 29C/C1	(NJ)	V4 24,30-34	TV	RST 24-29	153
			STC4 9 10B 1-9 2T-10T	MT		29
			STC5 9 10B 1-9 2T-10T	AMAR		29

MASTER TEST FRAME CONNECTOR CKT

BELL LABORATORIES 80-25606-01- SHEET

SIZE B5 ISSUE 95A

80-25606-01-B163

(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RSW / DRTO (DRATO) ▼	TR	S7 42	52 P0 11	FS 29 26A/ B6	DRTO	
				CM	RSW	52
			LT	RT	DRATO	
– / (RT) ▼	TR	S8 32	LG	RT	RT	152
RTO-4 / – ▼	TR	R6 33,34, 40-42		JLK	RTO-4	152
			NO	TCC	RTO-3	
RTO-3	MTC		T4 33,43 44,50	DTM	RTO-3	151
RTC	MTC		OY T2 22	CM	RTC	150
RTEO / P2L ▼	TR	SA2 14		FS 36 29D/ G9	RTEO	
		V8 41		CDTA	MT	61
		VI2 43		CTV	P2L	155
			NO	TCC	RTEO	
RTE1 / P4L ▼	TR	SA2 20		FS 36 29D/ G9	RTE1	
		V8 42		CDTA	MTK	61
		VI2 44		CTV	P4L	155
			NO	TCC	RTE1	
RTE2 / P5L ▼	TR	SA2 21		FS 36 29D/ G9	RTE2	
		V8 30		CDTA	ODD	61
		VI2 50		CTV	P5L	155
			NO	TCC	RTE2	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
RTE4 / BIRA ▼	TR	SA2 22		FS 36 29D/ G9	RTE4	
			V8 31	CDTA	EVN	61
			VII 34	CTV	BIRA	155
			NO	TCC	RTE4	
RTE7 / IE ▼	TR	SA2 23		FS 36 29D/ G9	RTE7	
			VI4 10	CTV	IE	155
RUKI / XTL ▼	TR	SA6 32	V4 34	ATV	XTL	161
			V0 50	TA		60
				FS 25 229D	XTL	
RUKI	MTC		52 P0 40	CM	RUKI	
RV / – ▼	TR	S7 40	AII 54	CM	RV	150
RVI / – ▼	TR	S4 33	PQ A5 20	CM	RVI	150
	MTC					
	ROTR		XQ			
RYK / TLR22 ▼	TR	RA6 42		AMAT	TLR22	152
			E2 32	CM	RYK	164
				NF AIOOT		
SO-9	APTT CLVA ETSPD LV MTC ROTR TTR		TI 20-24, 30-34	CM	SO-9	150
S/TO,1 / S/TO,1 ▼	TR	R5 14,20		FS 32 29B/ B4	S/TO,1	
S/UO,1, 2,4,7 / S/UO,1, 2,4,7 ▼	TR	R5 21-24,30		FS 32 29B/ B4	S/UO,1, 2,4,7	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SAE / – ▼	TR	RA3 31	A9 52	CM	SAE	150
SBT	APTT MTC ROTR TTR		TO 33	CM	SBT	150
SC / SC ▼	TR	R4 24	VI 53	TA	SC	60
				WC	LUO	152
			C7 54	CM	SC	150
			V2 23	CTV TV		153
			VI 53	ATV		161
SCB / DRAI ▼	TR	S7 50	NO	TCC	SCB	
			C5 02	CM		150
			LG	RT	DRAI	152
SCB	MTC			FS 37 29E/ 64		
SCK / – ▼	TR	S4 23	B7 02	CM	SCK	150
	APTT ARET MON MTC ROTL ROTR TTR					
SCN / – ▼	TR	S4 22	B7 01	CM	SCN	150
	MON MTC					
SCT	MON		B2 P 00 (SEE NOTE 101A)			

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SDG / LT / LT ▼	TR	S3 00	B7 22	CM	LT	150
			IST,2ND AND 3RD APP FIG 37 ONLY			
			PCO 12T 11	PRT		37
			NO	TCC	SDG	
LT	APTT ARET MON MTC ROTL ROTR TTR		V9 40	CDTA	LT	61
SDT / TM2 TM3T ▼	TR	S7 03	C4 03	CM	SDT	150
			CII 52	DTM		151
			NO	TCC		
			VI 51	ATV	TM2	161
			VI 41	CTV TV	TM2 TM3T	153
			V9 52	CDTA	TM2	61
SEF / CTBL ▼	TR	RA8 31	NT	FS 28 25E4	SEFA	
				RRC	CTBL	
SEF	FS 28 2582		B8 23	CM	SEF	150
	INTF		NM BI2 23	DTM		151
			NN AI6 51	DTM		151

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SF / EOR ▼	TR	RA8 21	A1 52	CM	SF	150
			A13 52	DTM		151
			(NT)	RRC	EOR	
SG	AIS-SC	(PY)	A8 00			
– / (SGA) ▼	TR	RA1 04 (RM)	D2 44	CM	SGA	163
SIA	MTC		T1 10	CM	SIA	150
SIB	MTC		T1 11	CM	SIB	150
– / SKO ▼	TR	R3 41	V13 10	CTV DASC	SKO	155
	MTC					
SL / – ▼	TR	SA7 21	(NO)	FS 28 25H5	SLA	
				TCC	SL	
SL	FS 28 25H5		C1 51	CM	SL	150
			C9 51	DTM		151
SLCK / – ▼	TR	RA3 20	C6 10	CM	SLCK	150
	MTC					
SLKI / RN ▼	TR	SA6 00	V8 03	CDTA	AIOD	61
			A4 13	CM	SLKI	150
			TXEI/TXOI 7 8T	MT	RN	28

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
SLK2 / MO ▼	TR	SA6 01	V8 04	CDTA	OC	61
			A4 14	CM	SLK2	150
			TXEI/TXOI 9 10B	MT	MO	28
SNK / – ▼	TR	SA8 23	A5 32	CM	SNK	150
			AI7 50	DTM		151
			(NO)	TCC		
SNR / ALN / LOO ▼	TR	S6 23	(NO)	TCC	SNR	
			VII 02	CTV	LOO	155
			B8 33	CM	ALN	150
SOG / – ▼	TR	S7 32	A8 02	CM	SOG	150
SON / DRA7 ▼	TR	S7 53	(LG)	RT	DRA7	152
			C6 40	CM	SON	150
SON	CLVA ETSPD			FS 37 29E/84	DRA7	
– / SPU0,1,2,4,7 ▼	TR	RA2 40-44	V8 50-54	CDTA	SPU0,1,2,4,7	61
SQI / LWL / REO ▼	TR	S6 30	(52) P0 43	CM	LWL	52
			VI3 00	CTV	REO	155
			(NO)	TCC	SQI	
SQA / – ▼	TR	S7 22	A2 24	CM	SQA	150
			AI4 24	DTM		151
			(NO)	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
– / (SRI) ▼	TR	R5 42	D2 20	CM	SRI	163
SRK / – ▼	TR	RA3 52	C3 52	CM	SRK	150
SRTI	MTC		TI 50	OSC-MP	SRT	150
	APTT	(VG)				
	ROTR	(KU)				
SSA / SNC ▼	TR	R4 12	C7 41	CM	SSA	150
SSA	MTC			WC	GRPO	152
	SSI	(OB)	(LI) V2 50	TV	SNC	153
SSB / AC ▼	TR	R4 13	C7 42	CM	SSB	150
SSB	MTC			WC	GRPI	152
	SSI	(OB)	(LI) V2 44	TV	AC	153
SSTI / MOS / REC ▼	TR	S8 22		FS 39 29F/87	MOS, REC	
STG	MTC		FI 13	CM	STG	178
– / (STL 0-4) ▼	TR	RAI 40-44	FI 34,40-43	CM	STLO-4	178
	MTC					
– / (STL5) ▼	TR	RAI 50	FI 44	CM	STL5	178
	MTC					
– / (STMM) ▼	TR	RA5 54	FI 32	CM	STMM	178

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
STPI / BR2 ▼	TR	RA8 52	CO 34	CM	STPI	150
			C8 34	DTM		151
BR2, STPI	INTF		(NO)	TCC		
STPI	ARET MTC		(NT)	RRC	BR2	
STP2 / BR4 ▼	TR	RA8 53	CI 30	CM	STP2	150
			C9 30	DTM		151
BR4, STP2	INTF		(NO)	TCC		
STP2	ARET MTC		(NT)	RRC	BR4	
STSI-5	MTC		FI 03,04, 10-12	CM	STSI-5	178
SXT / XSS / DCT / NS ▼	TR	SA5 54	(NT)	MT	DCT	
			TXE/TXO 9 10T	MT	NS	28
			A6 51	CM	XSS	150
			(NO)	TCC		
			(OG)	CWL	SXT	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
T	MTC	SC,SL	B8 44	CM	T	150
TO-4	FS 28 2589	A8 20-24		CM	TO-4	150
TBUO-4	CLVA	KD	TA			
	ETSPD					
	CLVA LV MTC ROTR TTR	E1 20-24				
TO-4	CLVA ETSPD LV MTC			FS 28 25C4	UAO-4	
		V2 20-24		ATV	TO-4	161
UO-4	FS 38 29E/ C5	V5 20-24		TV		154
	LIT	KM	V5 40-44	CDTA		61
T5-9	FS 28 2589	A9 20-24		CM	T5-9	150
TBU5-9	CLVA	KD	TA			
	ETSPD					
	CLVA LV MTC ROTR TTR	E1 30-34				
T5-9	CLVA ETSPD LV MTC			FS 28 25C4	UA5-9	
		V2 30-34		ATV	T5-9	161
U5-9	FS 38 29E/ C5	V5 30-34		TV		154
	LIT	KM	V5 50-54	CDTA		61
TO,1, 2,4,7 / HNO,1, 2,4,7	TR	RA5 23,24, 30-32		FS 38 29E/ B8	TAO,1, 2,4,7	
		LG		RT	HNO,1, 2,4,7	152
				RD	TO,1, 2,4,7	152
		OH		TRT		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TA TSR	TR	SA7 52	A11 51	CM	TSR	150
		NO		TCC	TA	
(TA)	TR	RA2 52	F1 50	CM	TA	178
TAN	TR	S3 23	B3 52	CM	TAN	150
TANO	TR	S4 34	PC B2 50	CM	TANO	150
TAN	MON MTC ROTR TTR					
	APTT	QO				
TAN 1-4 / TRTO, 1,2,4 (CSTO, 1,2,4)	TR	S4 40-43	VI5 00-03	TV	TRTO, 1,2,4	55
				BI		152
		LG		RT	CSTO, 1,2,4	152
		PC				
TAN 1-4	APTT	TF				
	MON MTC ROTR TTR		B2 51-54	CM	TAN 1-4	150
TAN5 / TRT7 (CST7)	TR	S4 44	VI5 04	TV	TRT7	55
				BI		152
		LG		RT	CST7	152
		PC	C3 32	CM	TAN5	150
TB	ARET APTT MTC ROTL ROTR TTR		TO 51	CM	TB	150
			T4 51	DTM		151

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
T80	TR	ABO 3		FS 37 29E/ B4	TBAO	
TBO	FS 37 29E/ DO	A4 30		CM	TBO	150
		A16 10		DTM		151
	ROTL-TMB	NO		TCC		
TBI / TRE (CKF)	TR	SAO 00		FS 37 29E/ B4	TBAI	
		LG		RT	CKF	152
		NT		RRC	TRE	
TBI-4	FS 37 29E/ DO	A4 31-34		CM	TBI-4	150
	ROTL-TMB	NO		TCC		
TB2 / TRSA (OT)	TR	SAO 01		FS 37 29E/ B4	TBA2	
		LG		RT	OT	152
		NT		RRC	TRSA	
TB4 / TRSB (BE)	TR	SAO 02		FS 37 29E/ B4	TBA4	
		LG		RT	BE	152
		NT		RRC	TRSB	
TB5	FS 37 29E/ DO	A5 30		CM	TB5	150
	ROTL-TMB	NO		TCC		
TB6,7	FS 37 29E/ DO	DO 20,21		CM	TB6,7	163
	ROTL-TMB	NO		TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TB7 / TRA (DAC)	TR	SAO 03		FS 37 29E/ B4	TBA7	
		LG		RT	DAC	152
		NT		RRC	TRA	
TB8,9	FS 37 29E/ DO	DO 22,23		CM	TB8,9	163
	ROTL-TMB					
TBH	TR	RA2 21	C2 54	CM	TBH	150
TBI	TR	RA2 20	B3 04	CM	TBI	150
	CLVA ETSPD LV MTC					
TBK	TR	SA8 32	A3 23	CM	TBK	150
			AI5 23	DTM		151
		NO		TCC		
TBL / TTK	TR	SA2 52		BI	TTK	152
		52	PO 50	CM	TBL	52

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 989
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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TBSO / UO	TR	RA5 43	E0 10	CM	TBSO	164
				FS 38 29E/ B8	UAAO	
TBSO	CLVA ETSPD LV MTC	(LG)		RT	UO	152
TBS 1-3 / UI,2,4	TR	RA5 44,50,51	E0 11-13	CM	TBS 1-3	164
				RT	UI,2,4	152
TBS 1-3	CLVA ETSPD LV MTC	(LG)		FS 38 29E/ B8	UAAI, 2,4	
TBT	APTT MTC ROTR TTR		T0 31	CM	TBT	150
			T4 31	DTM		151
TBTA	LV MTC ROTR TTR		E1 14	CM	TBTA	164
TBUA	LV MTC ROTR TTR		E1 12	CM	TBUA	164
TBY	TR	SA4 51	V6 54	TV	TBY	154
			V9 54	CDTA		61
TC	TR	AB6 11	B7 10	CM	TC	150
TCI	TR	SA8 11	C10 41	DTM	TCI	151
	MTC	(NO)		TCC		
TCA MAN	TR	S4 30	AI3 22	DTM	MAN	151
		(PC)	B6 30	CM	TCA	150
TCA	APTT	(TF)				
	MON MTC ROTR TTR					
	LV	(RC)				
		(VB)		FS 27 24CI		
		(VA)		FS 27 24BO		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TCB 2P	TR	S4 31	AI3 23	DTM	2P	151
			(PC) B6 31			
TCB	APTT MON MTC ROTR TTR			CM	TCB	150
TCC	MTC		B6 32	CM	TCC	150
	MON	(RZ)				
TCGA 4L	TR	SA2 32		BI CTV	4L	152
			B8 31	CM	TCGA	150
			V8 40	CDTA	NRDI	61
			(PV) V8 54	TV	4L	154
TCGB CK	TR	SA2 33	B8 32	CM	TCGB	150
				BI	CK	152
TCH	TR	RA3 43	A7 50	CM	TCH	150
TCH 0-4	APET MTC		T2 50-54	CM	TCH 0-4	150
			T6 50-54	DTM		151
TCH 5-9	APET MTC		T3 50-54	CM	TCH 5-9	150
			T7 50-54	DTM		151
TCHK	TR	SA7 04	C1 31	CM	TCHK	150
			C9 31	DTM		151
	APET MTC	(NO)		TCC		
TCK CLK TLR25	TR	RA6 50	(NO)	TCC	TCK	
				AMAT (NF) AIOOT	TLR25	152
			A5 14	CM	CLK	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TCKI	TR	RA3 51	C3 50	CM	TCKI	150
TCT	MTC		WI 41	CTV	TCT	153
			(NX)	TV		
TDCT	APTT ARET MTC ROTL ROTR TTR		T0 53	CM	TDCT	150
			T4 53	DTM		151
TER	TR	S7 33	A8 03	CM	TER	150
TESI	MTC		DI 11	CM	TESI	163
TESK	MTC		DI 00	CM	TESK	163
TET	MTC		V3 00	CTV	TET	153
			(NX)	TV		
TFO-2 TRUI, 2,4 (CSU 1,2,4)	TR	S4 51-53	B0 30-32	CM	TFO,I, 2	150
				CDTA		
				BI	TRUI, 2,4	152
			(LG)	RT	CSU 1,2,4	152
TFO 1,2	APTT DAS LV MON MTC ROTC ROTR TTR		VI5 11-13	TV	TRUI, 2,4	55
TF4 TRU7 (CSU7)	TR	S4 54	B0 33	CM	TF4	150
				CDTA		
				BI	TRU7	152
			(LG)	RT	CSU7	152
TF4	APTT DAS LV MON MTC ROTC ROTR TTR		VI5 14	TV	TRU7	55

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TF7	TR	AB4 2	B0 34	CM	TF7	150
	APTT DAS LV MON MTC ROTC ROTR TTR			CDTA		
TFA	MTC		TI 53	FATC	TFA	150
TG0,1	FS 33 298/ EI		(NO)	TCC	TG0,1	
			A4 10,41	CM		150
			AI7 53,54	DTM		151
TG2-4	FS 33 298/ EI		(NO)	TCC	TG2-4	
			A4 42-44	CM		150
			AI7 04,10,11	DTM		151
TG5	FS 33 298/ EI		A5 40	CM	TG5	150
			AI7 12	DTM		151
			(NR)	AC		
			(NO)	TCC		

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DWG SIZE 65 | ISSUE 98B

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(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TG6-9	FS 33 298/ E1	A5 41-44 (NR) (NO)		CM AC TCC	TG6-9	150
TGIO-14	FS 33 298/ E1	A4 50-54 (NR) (NO)		CM AC TCC	TGIO-14	150
TGI5-19	FS 33 298/ E1	A5 50-54 (NR) (NO)		CM AC TCC	TGI5-19	150
TG/TO TRA2	TR	SA0 04 (NT)		FS 33 298/ E4 RRC	TG/TO TRA2	
TG/TI HDA	TR	SA0 10 (NT)		FS 33 298/ E4 RRC	TG/TI HDA	
TG/UO PKA	TR	SA0 11 (NT)		FS 33 298/ E4 RRC	TG/UO PKA	
TG/UI HDB	TR	SA0 12 (NT)		FS 33 298/ E4 RRC	TG/Ui HDB	
TG/U2 PKB	TR	SA0 13 (NT)		FS 33 298/ E4 RRC	TG/U2 PKB	
TG/U4 ON	TR	SA0 14 (NT)		FS 33 298/ E4 RRC	TG/U4 ON	
TG/U7 SW	TR	SA0 20 (NT)		FS 33 298/ E4 RRC	TG/U7 SW	
(TGA)	TR	RA1 10 (RM) D2 50		CM	TGA	163

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TH0,1 LL0,1 SA,SB LL0,1	TR	RA7 14,20	A2 40,41 AI4 40,41 (NO)	CM DTM	LL0,1	150 151
LL0,1	ARET	(SL,QA)		TCC		150
	MTC	(PK)	(NT)	RRC	SA,SB	151
TH0,1	MTC	(PK,PL)	B6 21,22	CM	TH0,1	150
	APTT MON ROTR TTR		V14 11,12	DASC		155
TH2,3 LL2,4 SC,SD LL2,4	TR	RA7 21,22	A2 42,43	CM	LL2,4	150
LL2,4	ARET		AI4 42,43	DTM		151
	MTC	(SL,QA)	(NO) (NT)	TCC		150
				RRC	SC,SD	150
TH'0	TR	R6 43 (QV)	C0 12 V9 23	CM CDTA	TH'0 PPSP	150 61
TH'1	TR	R6 44 (QV)	C0 13 V9 22	CM CDTA	TH'1 CCSP	150 61
TH'2 (SR2)	TR	R5 43	D2 21 (OX) T2 23	CM CM	SR2 TH'2	163 150
TH'3 (SR3)	TR	R5 44	D2 22 (OX) T2 24	CM CM	SR3 TH'3	163 150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
THC THC	TR	S3 14 (QW)	B3 41	CM	THC	150
	APTT					
	MON MTC					
THGT 0-4	MTC		T6 20-24	DTM	THGT 0-4	151
THGT 5-9	MTC		T7 20-24	DTM	THGT 5-9	151
THT 2,3	APTT MON MTC ROTR TTR	(QX)	T2 13,14 V14 13,14	CM DASC	THT 2,3 THTO-3	150 155
TI TI	TR	S8 00 (NO)		FS 6 6F1 TCC	TI	
				APTT ARET MTC ROTL ROTR TTR		
TIO-3	MTC		VI3 24,30-32	CTV DASC	TIO-3	155
TIC	MTC		V3 44 (NX)	CTV TV	TIC	153
TIK	CLVA ETSPD LV MTC		V2 24	CTV TV	TIK	153
	LIT	(KM)	V3 52	ATV		161
TIN	TR	RA2 12	A7 52	CM	TIN	150
TIR XCK	TR	SA6 44	V3 20 (NX)	CTV TV	XCK	153
			E2 33	CM	TIR	164

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TK	TR	SA7 10	A4 04 AI6 52 (NO)	CM DTM TCC	TK	150 151
TKT	TR	S8 10	(L6)	MTC RT	TKT	152
TLEI	MTC		DI 23	CM	TLEI	163
TLES	MTC		DI 01	CM	TLES	163
TLH	MTC		C0 31	CM	TLH	150
	LV		C8 31	DTM		151
TLR 10-12	TR	RA6 20-22		AMAT (NF) AIODT	TLR 10-12	152
TLRI4	TR	RA6 24		AMAT (NF) AIODT	TLRI4	152
TLR24 (CLG)	TR	RA6 44	A5 21	AMAT (NF) AIODT CM	TLR24 CLG	150

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(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TLT (RTK)	TR	RA4 22	B8 (RT) 51	CM	TLT	150
			LG T3 22	RD	RTK	152
TM	TR	SA8 04	C5 54	CM	TM	150
			C8 33	DTM		151
	FS 6 6A4		NO	TCC		
TMK	APTT	TF	C5 52	CM	TMK	150
	MTC ROTR TTR					
TMKI	APTT	TF	C5 53	CM	TMKI	150
	MTC ROTR TTR					
TN	TR	RA2 01	A8 50	CM	TN	150
	ETSPD					
TNO	MTC		V8 (LN) 40	TV	TNO	154
TNK	TR	RA3 12	C2 50	CM	TNK	150
	MTC	QY				
	CLVA	KD				
	ETSPD					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TOB OBS2 SPC	TR	R6 51	C4 01	CM	TOB	150
			C10 51	DTM	OBS2	151
			V9 44	TV	SPC	154
			V3 51	CDTA	SMPA	61
	SA	MTC	NO	TCC	OBS2	
TOBS OBSI NSP	TR	R6 50	C4 00	CM	TOBS	150
			C10 50	DTM	OBSI	151
OBSI	MTC		V9 43	TV	NSP	154
NSP	CLVA ETSPD LV MTC					
	LIT	KV	NO	TCC	OBSI	
TOG	TR	S7 34	A8 04	CM	TOG	150
	ETSPD					
(TOK)	TR	RA2 51	RM D2 53	CM	TOK	163
TOL	TR	S3 24	B3 51	CM	TOL	150
TOL	MON MTC ROTR TTR		B6 33	CM	TSC5	150
	APTT	TF				
TOP	MTC		V7 54	TV	TOP	154
			V3 42	ATV		161
TOS 0-4	MTC		T1 00-04	CM	TOS 0-4	150

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TP TLRI	TR	RA6 01	B7 11	CM	TP	150
TP	APTT MON MTC	KU		AMAT NF AIODT	TLRI	152
	ROTR					
TP' TLR2	TR	RA6 02	C1 52	CM	TP'	150
TP'	LV MTC ROTR			AMAT NF AIODT	TLR2	152
TRI	MTC		T0 21	CM	TRI	150
			T4 21	DTM		151
TR2	MTC ROTL ROTR TTR		C3 34	CM	TR2	150
			C11 34	DTM		151
			NO	TCC	2TR	
TRA	CLVA ETSPD LV MTC		V4 10	ATV	TRA	161
			V2 33	TV CTV PCTVC		153
TRF NMBO	TR	S6 31	C6 51	CM	TRF	150
TRF	MTC		V10 51	CTV	NMBO	155
TRL XOF	TR	SA6 50	C2 42	CM	TRL	150
			V6 44	TV	XOF	154
			C10 42	DTM	TRL	151
TRL	APTT ARET CLVA ETSPD INTF LV MTC ROTL ROTR TTR		NO	TCC		
TRLI	APTT MTC ROTL ROTR TTR		T0 23	CM	TRLI	150

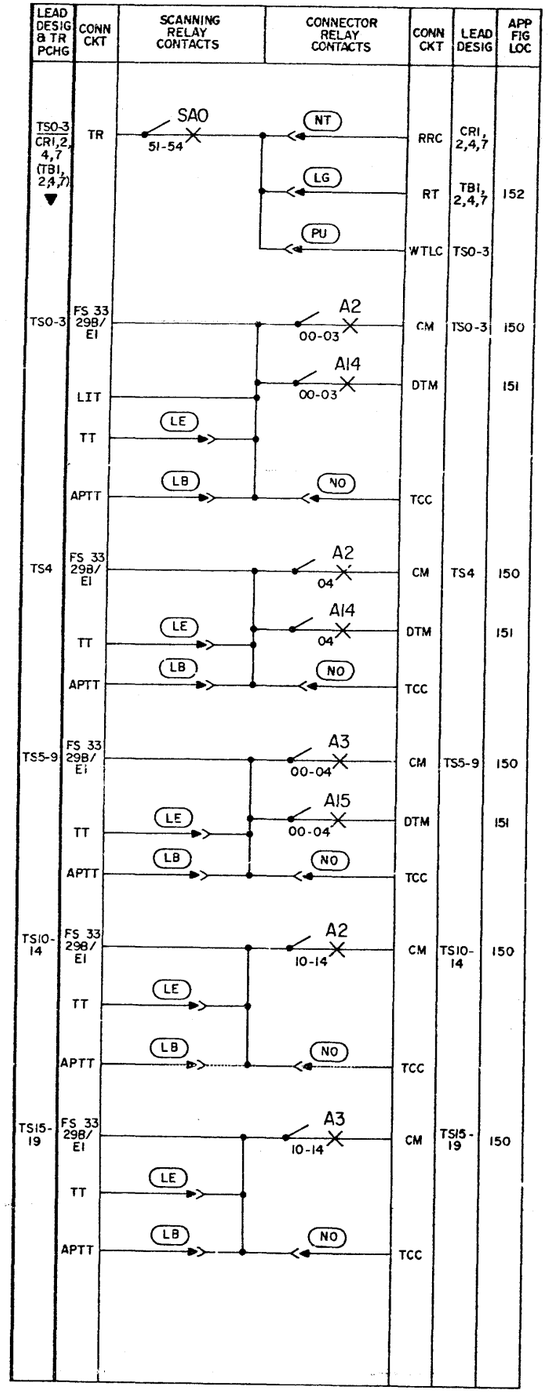
LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
TRL2	APTT MTC ROTL ROTR TTR		C5 43	CM	TRL2	150
TRMF	TR	S2 24		ARET	TRMF	152
TRN	TR	SA8 13	A9 3	CM	TRN	150
TRR	MTC		T0 24	CM	TRR	150
	LV		T4 24	DTM		151
TRS TRS	TR	S7 10	C2 40	CM	TRS	150
			C10 40	DTM		151
			PC2 6B 5	PRT		37
			V3 51	CTV DAS DASC TV		153
			V4 02	ATV DAS		161
	MTC		NO	TCC		
TRT	MTC		T0 03	CM	TRT	150
			T4 03	DTM		151

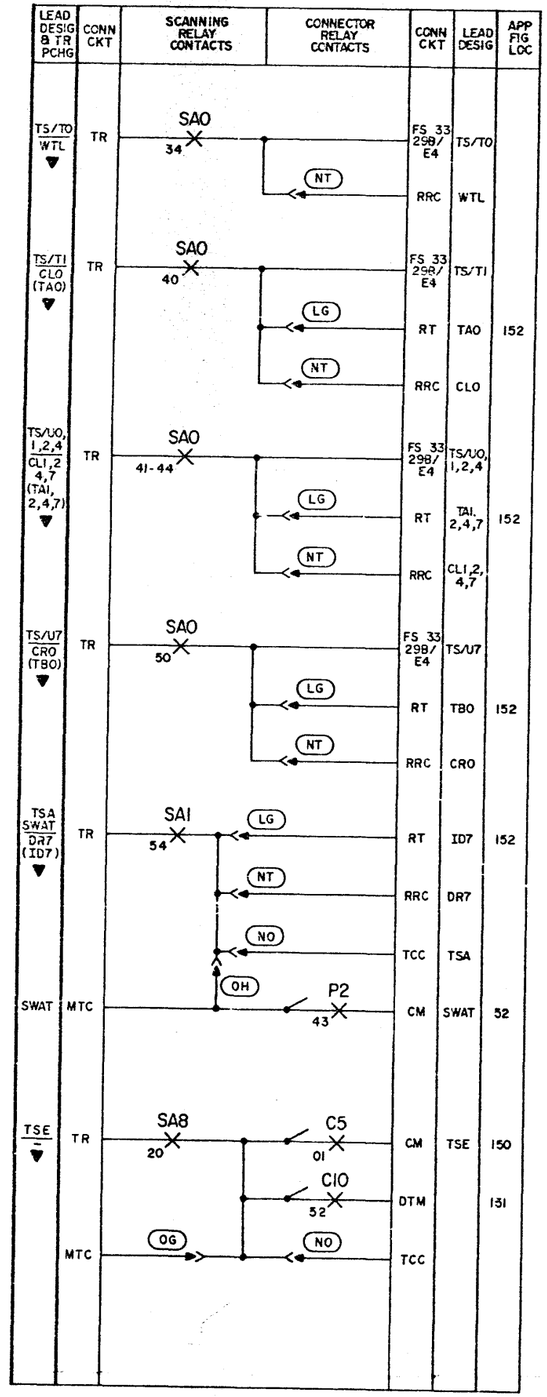
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		B169

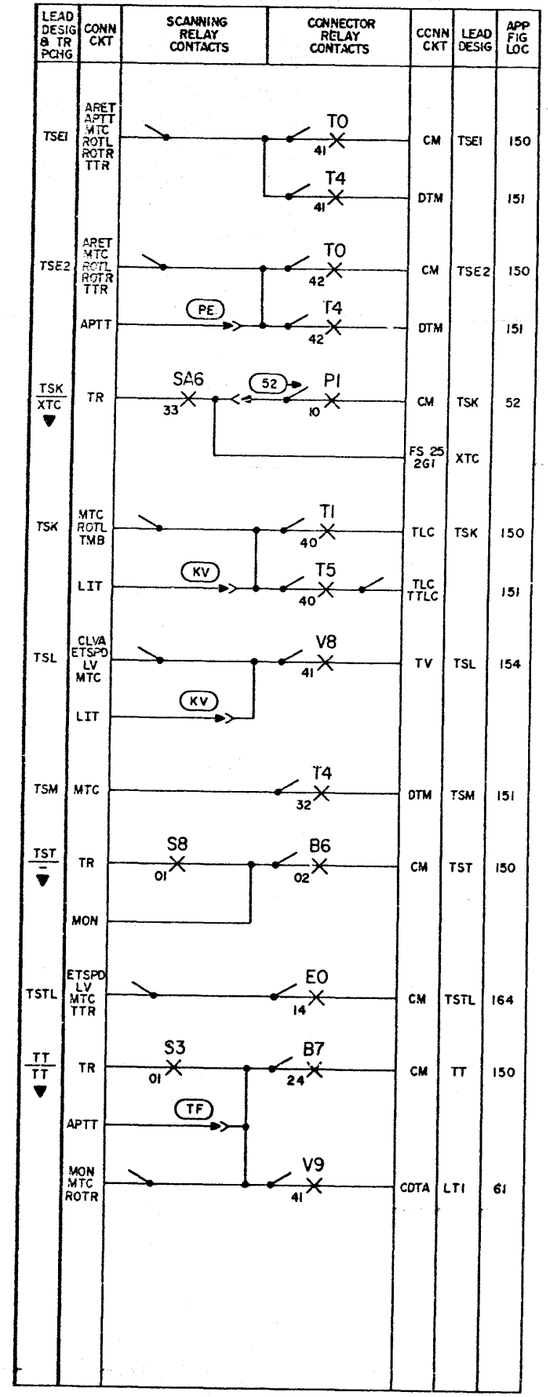
SD-25805-01-B169

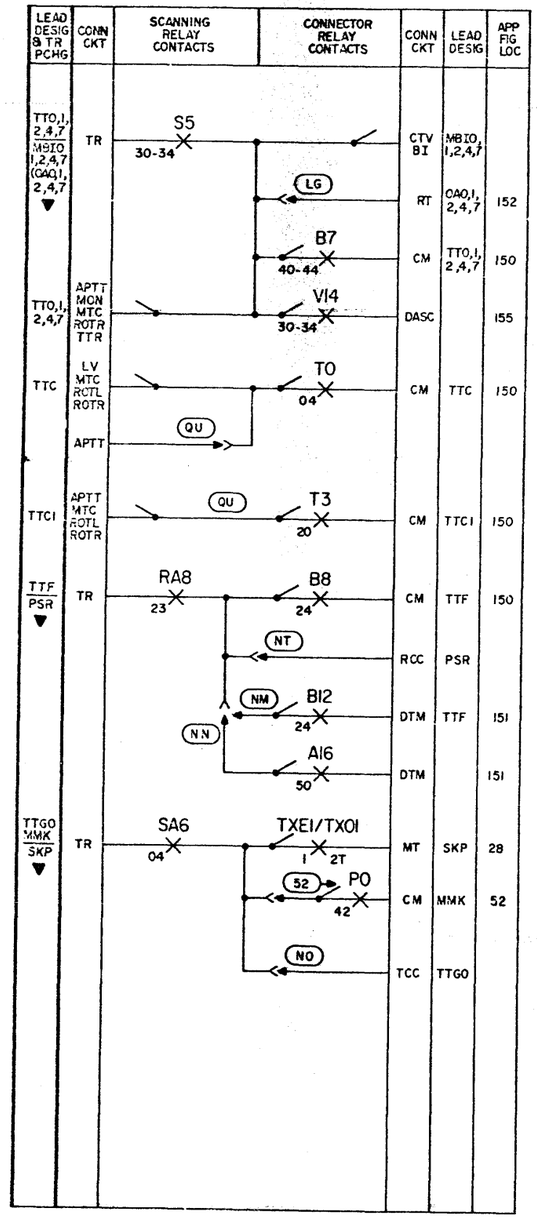
(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)









MASTER TEST FRAME CONNECTOR CKT

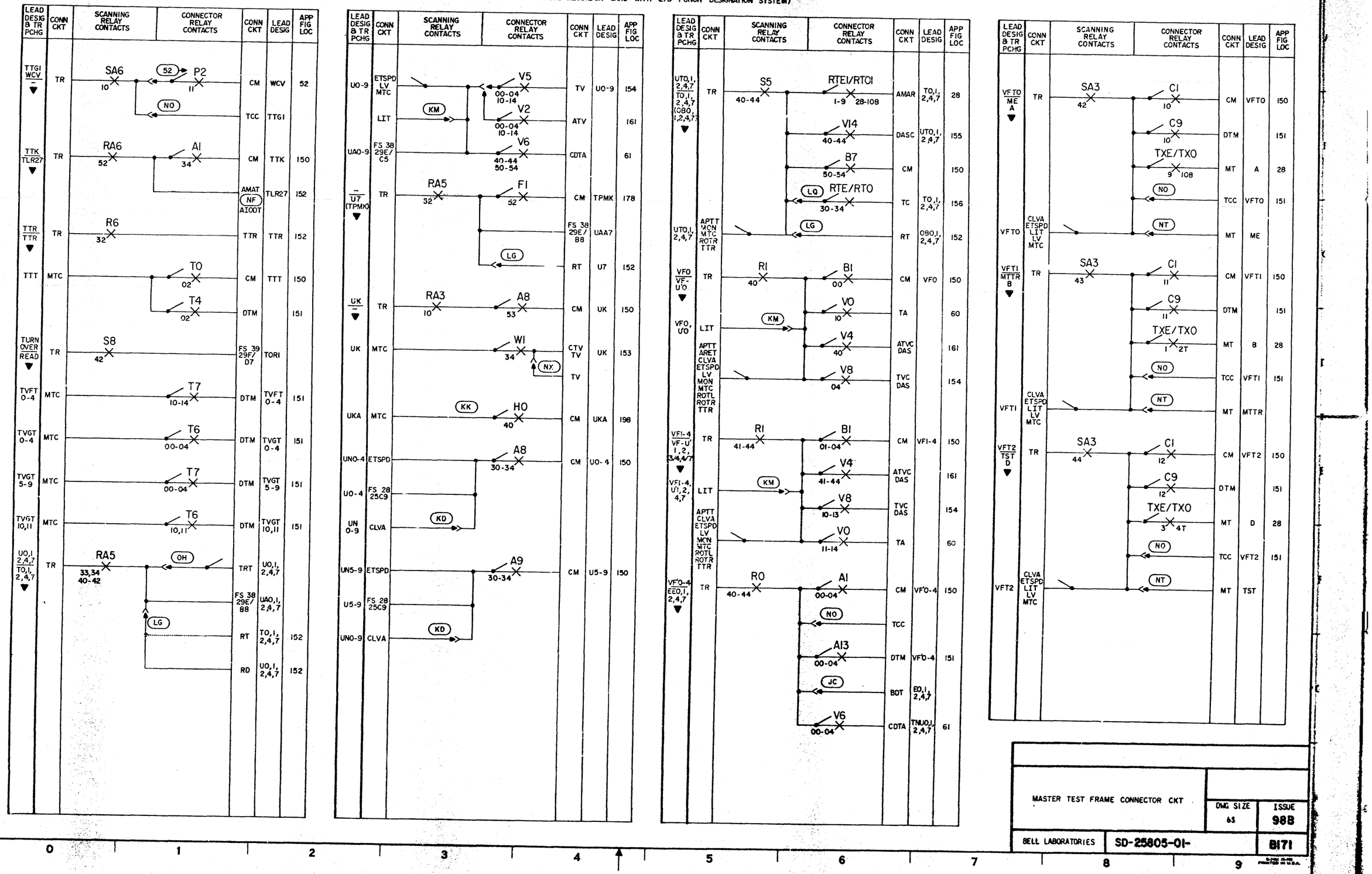
DWG SIZE 6S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | 8170

SD-25805-01-8170

(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)



MASTER TEST FRAME CONNECTOR CKT

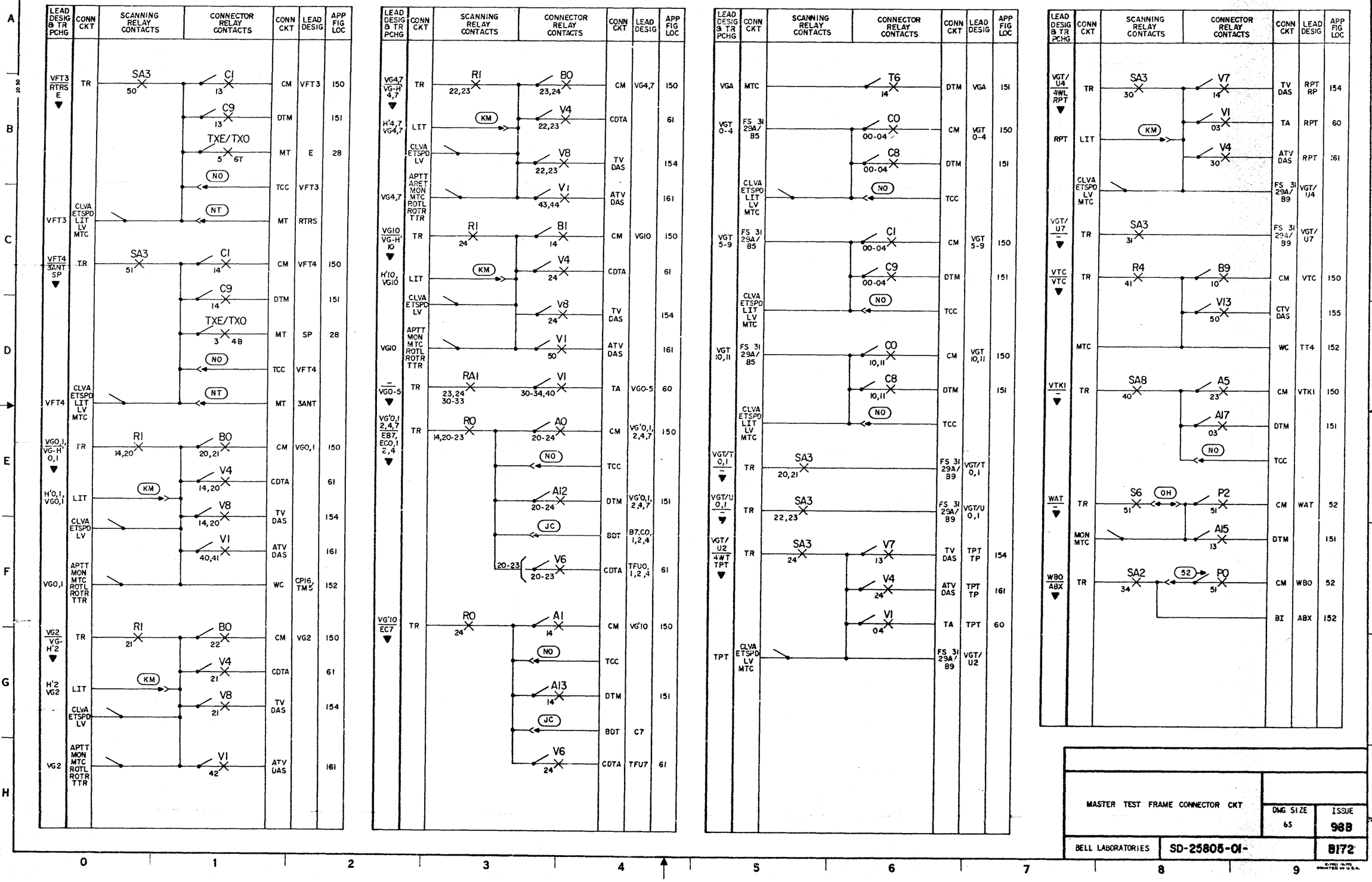
DWG SIZE	ISSUE
6S	988

BELL LABORATORIES | SD-25805-01- | 8171

SD-25805-01-8171

(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)



MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8172

SD-25805-01-8172

(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
WBI / VTC	TR	SA2 40	(52) P0 52	CM	WBI	52
				BI	VTC	152
WB2 / TC	TR	SA2 41	(52) P0 53	CM	WB2	52
				BI	TC	152
WBTO / ROPI	TR	SA2 42	(52) P1 13	BI	ROPI	152
WBTO	MTC			CM	WBTO	52
WBTI / RSGI	TR	SA2 43	(52) P1 14	BI	RSGI	152
WBTI	MTC			CM	WBTI	52
WBT2 / RSG2	TR	SA2 44	(52) P1 20	BI	RSG2	152
WBT2	MTC			CM	WBT2	52
WC / WC	TR	R6 54		WC	WC	152
WCH 0-9	FS 37 29E/ DO	(52) P1 40-44, 50-54		CM	WCH 0-9	52
WCHO / RC4	TR	SA1 24	(NT)	FS 37 29E/ 84 RRC	WCHA 0 RC4	
WCHI / RD4	TR	SA1 30	(NT)	FS 37 29E/ 84 RRC	WCHAI RD4	
WCH2 / RA5	TR	SA1 31	(NT)	FS 37 29E/ 84 RRC	WCHA2 RA5	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
WCH4	TR	SA1 32		FS 37 29E/ B4	WCHA4	
WCH7	TR	SA1 33		FS 37 29E/ B4	WCHA7	
WCK / XICK	TR	SA6 23	V3 11 (52) P2 31	CTV TV CM	XICK WCK	153
WCN / XNL	TR	SA6 24	V6 52 (52) P2 34	TV CM	XNL WCN	154 52
WDCI / XU	TR	SA6 34	V3 02 (OH) AI4 14 (52) P2 24	CTV TV DTM CM	XU WDCI	153 151
WDTF	TR MON MTC	S6 44 (OH)	P2 50	CM	WDTF	52
WDTI	TR MON MTC	S6 50 (OH)	P2 44	CM	WDTI	52
WFCK	TR MTC	SA6 11 (NH)	(52) P2 33	CM	WFCK	52
WGA / MBK	TR	SA2 53 (OH)	AI5 11	DTM BI	WGA MBK	151
WGB	TR	SA2 54 (OH)	AI5 12 V9 24	DTM CDTA	WGB SLU	151 61

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
WHSI / X	TR	SA6 13	V4 22 V6 50 (52) P2 23	ATV TV CM	X WHSI	161 154 52
WKC / WKC	TR MTC	R4 44	VI3 52 B9 04	CTV DAS CM WC	WKC TUI	155 150 152
WLO-9	FS 37 29E/ DO	(52) P0 14,20-24, 30-33		CM	WLO-9	52
WL-TSQO	TR	SA1 34	(PT) (NO)	FS 37 29E/ B4 TCC	WLAO TSQO	179
WL-TSQ 1,2,4,7 DLO,1, 2,4 (TCO, 1,2,4)	TR	SA1 40-43	(NO) (LG) (PT) (NT)	TCC RT FS 37 29E/ 84 RRC	TSQI, 2,4,7 TCO,1, 2,4 WLAI, 2,4,7 DLO, 1,2,4	152
WLFK / SP	TR MTC	SA6 12	(LQ) RTEA/RTOA 13 (LQ) V8 40 (52) P1 21	TC TV CM	SP WLFK	156 154 52
WMM / RSG3	TR	SA2 50	(52) P2 10	CM BI	WMM RSG3	52
WMXT / BY	TR BY	SA4 54	V3 32 (52) P0 13	CTV TV CM	BY WMXT	153 52

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
WSL / XTI	TR	SA6 42	RTEA/RTOA 00 (52) P2 21	AMAR/ TC CM	XTI WSL	156 52
WT / TMI TM2T	TR	S7 02	C4 02 CII 51 VI 40 (NO)	CM DTM CTV TV TCC	WT TMI, TM2T WT	150 151 153
WTFK / XTP XPI	TR MTC	SA6 41 (52)	RTEA/RTOA 03 P1 11	AMAR/ TC CM	(LP) XPI (LQ) XTP WTFK	156 52
WTG 0-3	MTC	(NH)	P2 00-03	CM	WTG 0-3	52
WTK / XTKK	TR MTC	SA6 40 (OH) (52)	V3 14 AI5 10 P2 22	CTV TV DTM CM	XTKK WTK	153 151 52

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		8173

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XII / XII	TR	S3 04	B7 20	CM	XII	150
	APTT MON MTC ROTL ROTR TTR		V9 42	COTA		61
XAB / RLR	TR	SA4 34	V8 50	TV	RLR	154
		(OH)	AI4 13	DTM	XAB	151
XBRL / LCP CI3	TR	SA4 23	V2 51	CTV	CI3 (NX)	153
				TV	CI3 (LI) LCP	
			DO 50	CM	XBRL	163
XBT / XTV	TR	SA5 10	A6 42	CM	XBT	150
			AI6 42	DTM		151
			(NO)	TCC		
XCE / MRST CI4	TR	SA4 22	V2 52	CTV	CI4 (NX)	153
				TV	CI4 (LI) MRST	
		(LQ) RTEA/RTOA 14		TC	MRST	156
			DO 51	CM	XCE	163
XCH / FACK	TR	SA4 12	V7 12 (LN)	TV	FACK	154
			A7 30	CM	XCH	150
			AI7 30	DTM		151
			(NO)	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XCKR XTRK / CK2	TR	SA4 04	V3 53 (NX)	CTV	CK2	153
				TV		
			A6 41	CM	XTRK	150
			AI6 41	DTM		151
			(NO)	TCC		
XCLC XLR / DTN	TR	SA5 21	WI 51 (NX)	CTV	DTN	153
				TV		
		(LP) RTEA/RTOA 51		AMAR		156
			A6 24	CM	XLR	150
			AI6 24	DTM		151
			(NO)	TCC		
XCP / -	TR	SA5 04	A6 10	CM	XCP	150
XCR / TGR	TR	SA5 01	V4 31	ATV	TGR	161
			V8 42	TV		154
			A7 01	CM	XCR	150
			VI 23	TA	TGR	60
XCS / RL ASP	TR	SA5 44	TXE/TXO 5 6S	MT	ASP	28
			A6 14	CM	XCS	150
			AI6 14	DTM		151
			(NO)	TCC		
			(NT)	MT	RL	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XCW XVGB / RK	TR	SA4 14	V8 01	COTA	TK	61
			V2 40	CTV TV	RK	153
			AI6 20	DTM	XVGB/ XCW	151
			A6 20	CM		150
			(NO)	TCC	XVGB	
XF / PI	TR	SA5 30	WI 31 (NX)	CTV	PI	153
				TV		
		(LP) RTEA/RTOA 31		AMAR		156
			A6 21	CM	XF	150
			AI6 21	DTM		151
XFT / EOL TRL	TR	SA5 41	(TY) V3 10	TV	TRL	153
			V3 24	ATV		161
		(LQ) RTEA/RTOA 20		TC		156
			V8 02	COTA		61
			CO 14	CM	XFT	150
			(NT)	MT	EOL	
XFUT / MET SY	TR	SA5 53	TXE/TXO 7 8T	MT	SY	28
			A6 00	CM	XFUT	150
			(NT)	MT	MET	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XHG / OOL TNK	TR	SA5 42	V3 30	ATV	TNK	161
			V3 12	TV		153
			VI 10	TA		60
			A7 22	CM	XHG	150
			AI7 22	DTM		151
			(NO)	TCC		
			(NT)	MT	OOL	
XHGI / IRY	TR	SA4 31	V2 42	CTV TV	IRY	153
			(SL) E2 41	TRMC-MP	XHGI	164
XHGA / CII	TR	SA4 32	V2 44 (NX)	CTV	CII	153
				TV		
		(SL)	E2 40	TRMC-MP	XHGA	164
XHM / XSA / TM	TR	SA4 00	A6 32	CM	XSA	150
		(OG)		CWL	XHM	
				FS6 6G4	TM	
				FS6 6G4		

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8174

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(SP) **TABLE IE** (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XI / MRRL CIFA	TR	SA4 24	V3 40	CTV	CIFA	153
				TV	(NX) CIFA (LI) MRRL	
			RTEA/RTOA 22	TC	MRRL	156
			E2 43	CM	XI	164
			(NO)	TCC		
XI	MTC					
XJC / XDL / OPI	TR	SA5 02	V2 30	CTV	OPI	153
			(NX)	TV		
			A6 22	CM	XJC	150
			AI6 22	DTM		151
			(NO)	TCC		
OPI	MTC					
XJG / DTK	TR	SA5 14	RTEA/RTOA 02	AMAR/TC	DTK	156
			A6 23	CM	XJG	150
			AI6 23	DTM		151
			(NO)	TCC		
XJS / PTI	TR	SA5 20	WI 53	CTV	PTI	153
			(NX)	TV		
		(LP)	RTEA/RTOA 53	AMAR		156
			A7 23	CM	XJS	150
			AI7 23	DTM		151
			(NO)	TCC		
PTI	MTC					

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XL / TTKL CI2	TR	SA4 30	V2 50	CTV	CI2	153
			(NX)	TV		
			E2 42	CM	XL	164
XL	MTC		(LQ) RTEA/RTOA 21	TC	TTKL	156
XLC / PAK	TR	SA5 23	(LP) RTE/RTO 03	AMAR	PAK	156
			A7 20	CM	XLC	150
			AI7 20	DTM		151
			(NO)	TCC		
XLF / IC	TR	SA4 20	V3 31	CTV TV	IC	153
			E0 44	CM	XLF	57,164
XLG / HDK / BSP	TR	SA5 43	TXE/TX0 7 88	MT	BSP	28
			A7 21	CM	XLG	150
			AI7 21	DTM		151
			(NO)	TCC		
			(NT)	MT	HDK	
XLH / RL2 HR	TR	SA5 51	TXEI/TX0I 5 68	MT	HR	28
			A4 11	CM	RL2	150
			AI7 02	DTM		151
			(NO)	TCC		
			(NT)	MT		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XLO / TRL SC	TR	SA5 52	TXE/TX0 1 22	MT	SC	28
			A6 50	CM	XLO	150
			(NO)	TCC		
			(NT)	MT	TRL	
XLS / RLI DA	TR	SA5 50	TXEI/TX0I 7 88	MT	DA	28
			A6 34	CM	XLS	150
			AI6 34	DTM		151
			(NO)	TCC		
XLS	MTC	(RM)	(NT)	MT	RLI	
XLV / CK	TR	SA5 24	V3 41	CTV	CK	153
			(NX)	TV		
			A6 30	CM	XLV	150
			AI6 30	DTM		151
			(NO)	TCC		
CK	MTC					
XMB / —	TR	SA5 03	A7 03	CM	XMB	150
XMRL / XAN / FABC	TR	SA4 11	V7 11 (LN)	TV	FABC	154
			BI 34	CM	XAN	150
			(NO)	TCC	XMRL	

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XN / CKG GC	TR	SA4 01	V2 10	CTV TV	CKG, GC	153
CKG	LIT	(KM)	V4 21	ATV	GC	161
CKG OR GC	MTC		A7 31	CM	XN	150
CKG	CLVA ETSPD LV		VI 21	TA	GC	60
XPG / XCL / TEA	TR	SA5 00	V2 53	CTV	TEA	153
			(NX)	TV		
			A7 02	CM	XCL	150
			AI7 14	DTM		151
			(NO)	TCC		
XRL / XPT / RD	TR	SA5 33	WI 23	CTV TV	RD	153
			A7 12	CM	XPT	150
RD	MTC	(KB)	(NO)	TCC	XRL	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		8175

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(SP) TABLE IE (CONT)

(FOR OFFICES USING NEW MASTER TEST FRAME DOUBLE SIDED TROUBLE RECORDER CARD WITH 2/5 PUNCH DESIGNATION SYSTEM)

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XRS / TNR / TBL	TR	SA5 34	W1 24 (NX)	CTV	(LP) (TBL) (LQ) TNR	153
				TV		
			A6 52	CM	XRS	150
			V9 12	CDTA	TBL	61
TBL / TNR	MTC		RTEA/RTOA 24	AMAR/TC	(LP) TBL (LQ) TNR	156
XRSI / PTS	TR	SA5 40 (LP)	RTEA/RTOA 04	AMAR	PTS	156
			A6 53	CM	XRSI	150
XS / —	TR	AB4 3	A6 31	CM	XS	150
			(OG)	CWL	XS	
XSC / TOK	TR	SA4 21	V2 54 (NX)	CTV	TOK	153
				TV		
				FS 28 25G4	XSCA	
XSC	FS 28 25H9		A9 41	CM	XSC	150
XSL / LC	TR	SA5 31	(LP) RTE/RTO 01	AMAR	LC	156
			A7 44	CM	XSL	150
			AI7 44	DTM		151
			(NO)	TCC		
XT	MTC		W1 43 (NX)	CTV	XT	153
				TV		153

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XT / XTRL / CK4	TR	SA4 10	V6 31 (LN)	TV	CK4	154
			A6 43	CM	XTRL	150
			AI6 43	DTM		151
			(NO)	TCC		
XT5 / PRE	TR	SA5 11	A6 40	CM	XT5	150
		(LI)	V3 00	TV	PRE	153
XTBI / BA	TR	SA5 12	A6 33	CM	XTBI	150
			(NO)	TCC		
			V2 30 (LI)	TV	BA	153
		(LQ)	RTEA/RTOA 04	TC		156
XTC / CK7	TR	SA4 02	V6 32 (LN)	TV	CK7	154
		(QN)	AI7 40	DTM	XTC	151
			(NO)	TCC		
XTC	FS 25 22D2		RTEA/RTOA 43	AMAR/TC	XTC	156
XTC2	FS 25 22D2		RTEA/RTOA 44			
XTCI / CKI	TR	SA4 03	V4 03	ATV	CKI	161
		(QN)	V3 52	CTV TV		153
			AI7 41	DTM	XTCI	151
			(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
XTGI / P	TR	SA5 13	(LP) RTEA/RTOA 50	AMAR	P	156
			W1 50 (NX)	CTV		153
				TV		
			V3 50	ATV		161
			A7 34	CM	XTGI	150
			AI7 34	DTM		151
	MTC		(NO)	TCC		
XTL	FS 25 2202		RTEA/RTOA 41	AMAR/TC	XTL	156
XTS / PT	TR	SA5 22	W1 11 (NX)	CTV	PT	153
				TV		
			(LP) RTEA/RTOA 11	AMAR		156
			V3 44	ATV		161
			A7 13	CM	XTS	150
			AI7 13	DTM		151
PT	MTC		(NO)	TCC		
XTSI / DS	TR	SA5 32	RTEA/RTOA 33	AMAR/TC	DS	156
			W1 33 (NX)	CTV		153
				TV		
			A7 33	CM	XTSI	150
			AI7 33	DTM		151
DS	MTC		(NO)	TCC		

LEAD DESIG & TR PCHG	CONN CKT	SCANNING RELAY CONTACTS	CONNECTOR RELAY CONTACTS	CONN CKT	LEAD DESIG	APP FIG LOC
XVGA / DNK	TR	SA4 13	V4 32	ATV	DNK	161
			V8 43	TV		154
DNK	MTC	(NT)	AI7 24	DTM	XVGA	151
LIT		(JL)	(NO)	TCC		
XWB / —	TR	SA4 40 (OH)	AI4 12	DTM	XWB	151
— / XX (CO' CT'2)	TR	S2 14	A7 41	CM	CO'2	150
CO'2	MON		PCI 128 11	PRI	XX	37
	U	(52)	P2(a) 41	WLLC	RSGA	
			P2(b) 41	WLLC	RSGB	
	U	(52)	P2(a) 42	WTLC	TSGA	
			P2(b) 42	WTLC	TSGB	

SEE NOTE 4 (SHEET BI38)

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-	BI76

SD-25805-01-BI76

APP FIG I

RELAY DESIG	CIC			CIT			ITT			ITTI			MTR					
CODE	U675			U238			U722			U115			U1320					
OPTION							VV			VV			JM					
	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	2G7							11,12	M	7F2						
	8,9,10	BM	5E5	8,9	M					9,10	M	7F2						
	6,7	M	2A2	6,7	M	5D2	6,7	M	5C3	7,8	M	7F2	8,9	M	25B1			
	4,5	M	3F0	4,5	M	2B2	3,4,5	BM		5,6	M	7F2	6,7	M	25H5			
	1,2,3	EMB	28G7	1,2,3	BM	4H0	1,2	B		3,4	M	7F2	4,5	M	2F7			
BOT	1,2	M	16A/C4	1,2,3	BM		1,2,3	BM		1,2	M	7F2	1,2,3	BM				
	3,4	M	16A/B4	4,5	M	6B3	4,5	M		1,2	M	7F2	1,2	B				
	5,6	M	16A/B4	6,7	M	5C3	6,7	M	7G1	3,4	M	7F2	3,4	B				
	7,8,9	BM	6A2							5,6	M	7F2	5,6	M	24C1			
	10,11	M	16A/A4							7,8	M	7F2	7,8	M	25A1			
										5,10	M	7F2						
COIL			2E8			2A8			583	11,12	M	7F2						
												7F1			2D8			

RELAY DESIG	ON			RM			RMI			RMA			RON			RONA		
CODE	U57			U65			U65			U1334			U65			U65		
OPTION										Y,MB						DE		
	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	12D8	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	12D8
	3,4	M	14A7	3,4	M	13A1	3,4	M	13D1	3,4	M	12C8	3,4	M	12D8	3,4	M	12D8
	5,6	M	14D7	5,6	M	13A1	5,6	M	13D1				5,6	M	12D8	5,6	M	12D8
	7,8	M	12E5	7,8	M	13A1	7,8	M	13D1				7,8	M	12D8	7,8	M	12D8
	9,10	M	12E1	9,10	M	13A1	9,10	M	13D1				9,10	M	12D8	9,10	M	12D8
				11,12	M	13C1	11,12	M	12F5				11,12	M	12D8	11,12	M	12D8
COIL			2A3			12C6			12D6			12F6			2G8			2H8

RELAY DESIG	ROS			ROS			RTOS			TM			TMI			TM2		
CODE	U1363			U1301			U119			U422			Y115			U716		
OPTION	H,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									
	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	4C1	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	LOC	CONT NO.	CONT ARR	LOC
TOP										9,10	M	5D4						
										7,8	M	5B7						
				5,6	M	2E2				6,5,4	BM	3B5						
	4,5	M	2F3	3,4	M	12C1	4,5,6	BM	3B3	3,2,1	BM	6C2						
	1,2,3	BM	2F3	1,2	M	12A8	1,2,3	MB	2G2	3,2,1	BM	3H0,6A7						
BOT	1,2,3	BM	3B3	1,2	M	2G1	1,2,3	UM	18/E9	6,5,4	BM	6F3,16A/B4						
	4,5	M	2H0	3,4	M	12C5	4,5	M	14G7	7,8	M	16A/C4						
				5,6	M	12D1				9,10	M	1180						
COIL			2G4			2H1			2G2			5C5						

DIODE

OPT	DESIG	LOC	CODE
ZZ	AIS1	4381,99G1	446F
ZZ	AIS2	4381,99H1, 14085	
II	AT1	2B4	
II	AT2	2B4	
II	AT3	2C4	
II	AT4	2C4	

NETWORK

OPT	DESIG	LOC	CODE
WB,ZG	CIC	2E8	177C
	CIT	2A8	
	ON	2A3	
	RMI	12D6	
	RMA	12F6	
WB,ZG	TM	6B2	
	TMI	4A0	
	TM2	4A1	
	TS	5C5	

RESISTOR

OPT	DESIG	LOC	CODE
	TRA	10F3	18AG

DRAWING ISSUE 750

ISSUE 988

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

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-CI

E-7422-B (10-68)

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/G6			1F/G6									

NETWORK

OPT	DESIG	LOC	CODE
	MON	1F/F7	177C

APP FIG 3

RELAY

DESIG	MPR(D)																	
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			U55			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	3,10	M	1104	9,10	M	16A/A0	9,10	M	3F3	9,10	M	11B7			
	7,8	M	2E7	7,8	M	285	7,8	M	285	7,8	M	285	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	11G1
	3,4	M	16A/A0	3,4	M	11G7	3,4	M	26B/A1	3,4	M	16A/C6	3,4	M	1086	4,5	M	684
	1,2	B	13B3	1,2	M	11E7	1,2	M	16B/G1	1,2	M	16A/D6	1,2	M	1086	1,2,3	MB	7B6-A8
BOT	1,2,3	BM	16A/D0	1,2	M	16A/F0	1,2	M	16A/F4	1,2	M	16A/L6	1,2	M	3F1	1,2,3	BM	1383
	4,5	M	16A/C0	3,4	M	16A/F0	3,4	M	16A/F4	3,4	M	16A/B6	3,4	M	285	4,5	M	1181
	6,7	M	16A/C0	5,6	M	16A/E0	5,6	M	16A/E4	5,6	M	16A/B6	5,6	M	1081	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/J1	9,10	M	1006	9,10	M	16B/C1			
COIL				11,12	M	28F1	11,12	M	16A/D4	11,12	M	10C6	11,12	M				
			1D/A6			1D/A8			1D/A6			1D/A6			1D/A7			7B6,B7

(IV) 1D/C9
a
(IV) 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	1583	1,2,3	BM	15C3									
BOT	1,2,3	MB	1581	1,2,3	MB	1581	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 INCORPORATED

6S

SD-25805-01-C2

COL-256 (12-74)

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	43A3	44C1	54F8	45C8	41E1	52C1	49E3	52H6
58	46B6	45F8	51E6	a	31H6	48D6	37E6	39D8	46E3	54F8	43A8	4783	52C3	5443	51A6
57	49E6	45F8	51E6	51E8	49C3	45B6	37E6	5C06	46D3	54F8	52F6	50H1	52C3	4186	44D3
56	36A3	45F8	51E6	41E1	31G3	54F1	37E6	5236	46F6	54F8	4988	46B6	4803	4048	44F8
55	4796	45F8	51E6	51B3	46D1	42A1	37E6	3006	41F8	54F8	40F8	5133	4341	3101	50C3
54	40A3	45F8	51E6	40E8	54E8	40G6	37E6	5088	40E6	32E3	3901	5008	4496	3131	47C1
53	40A3	45F8	51E6	56E8	55C1	4006	37E6	5088	40C6	32E3	3881	4503	4381	4606	51E3
52	40A3	45F8	51E6	56D8	39A8	4006	37E6	5088	40C6	32E3	3881	4508	32D6	3108	4288
51	40A3	45F8	51E6	5781	46C8	4006	37E6	5088	40C6	32E3	3881	5203	35A3	3408	50C8
50	40A3	45F8	51E6	56A6	52D3	4006	37E6	5048	40C6	32E3	3881	5203	37F8	3408	49C3
49	40E1	4686	51E6	57A1	46A6	40A6	37E6	4691	40F3	50D6	3803	37F1	4701	4403	36G3
48	40E1	46E1	51E6	56B1	36C3	40A6	37E6	46F1	4003	50D6	3803	37E1	5363	44C8	45E6
47	40E1	46C1	51E5	56C8	40C3	40A6	37E6	4693	4003	50D6	38C3	25C2	35E3	5003	48C3
46	40E1	46B1	51E4	57F1	5608	40A6	37E6	5106	4003	5006	38C3	25C2	41E8	5003	41G3
45	40E1	40F1	51D6	57E1	3346	40A6	37E6	4623	4003	5006	38C3	3986	47F3	3895	54E1
44	40E1	41F3	51D6	5606	46F8	4001	37E6	36F6	40C1	31F3	3883	47A1	47F3	3898	43G3
43	40E1	41E3	51D6	5703	4861	4001	37E6	42F8	40A1	31F8	3803	42C1	47F3	3893	47C3
42	40E1	41E3	51D6	55E8	49E8	4001	3706	46H3	40A1	31F8	3803	53E3	47F3	3888	54D1
41	40E1	41D3	51D6	57C3	3386	4001	3706	4381	40A1	31F8	3883	51F1	47F3	3898	54C1
40	40E1	41D3	51D6	57D1	44E1	4001	3706	4806	40A1	31F8	3883	5386	47F3	50A1	37E8
39	54F3	32E8	33B3	57G1	55A1	39A1	55D8	48C6	38F8	3906	3781	30E8	47F3	45A8	49H1
38	40C8	32E8	47G3	57E1	55A1	39A1	31F8	48C6	3803	3906	32E5	30E6	47F3	45E6	49H1
37	4IH6	32E8	49F8	56G1	55A1	39A1	50E1	48C6	3808	3906	34C6	42E6	47F3	3086	49H1
36	a	32E8	37C1	56E6	55A1	39A1	37A1	48A6	3808	3906	51C3	42C3	47F3	4443	49H1
35	38C8	32E8	50E8	55E8	55A1	39A1	36F8	48A6	3808	3906	50E3	3468	47F3	4348	49H1
34	36D8	32E8	50E8	5686	55A1	38A6	51A6	34F6	38F3	35E6	50E3	34F8	47F3	3406	3503
33	3898	32E8	50E8	5701	55A1	38A6	51A6	34F6	38F3	5296	32F3	34F8	47F3	3406	4903
32	38D6	32E8	50E8	56F8	55A1	38A6	51A6	34F6	38F3	3303	36E3	34F8	47F3	3406	31D8
31	34D8	32E8	50D8	56F8	55A1	38A6	51A6	34F6	38F3	5183	52A1	34F8	4703	3406	5101
30	3408	32E8	50D8	56C6	55A1	38A6	51A6	34F6	38F3	5151	35E9	38F3	4393	3406	43F1
29	34D8	32F8	51F6	5786	50E6	36E6	41A6	45F6	36C6	54C3	39A3	3443	4396	4283	49C1
28	30C9	5181	5506	56E3	50E6	36E6	3561	45F6	36C6	3803	39A3	3413	4396	42A3	49C1
27	4201	33E3	48H1	5683	50E6	36E6	39C3	45F6	36C6	41C6	39A3	3413	4396	42F1	49C1
26	38A1	38C8	33F6	56G3	50E6	36E6	36C8	45F6	36C6	31F3	39A3	3443	4806	42F1	49C1
25	39F6	4181	b	56F3	5C06	36E6	3688	45F6	36C6	5GC8	3983	3413	4396	42F1	47C1
24	55D6	50G1	4306	5686	50E6	36E1	55E3	35G3	36D1	30F8	39A3	3443	4396	4BE1	5346
23	55D6	4708	44E3	56D3	50E6	36E1	55E3	35G3	36D1	4106	39A3	3448	4806	43E1	53F3
22	55D6	4703	44F3	56D3	50E6	36E1	55E3	35G3	36D1	41E3	3983	3448	4396	4201	4581
21	5506	47C8	3306	56F1	50E6	36C1	55C3	35G3	36D1	41E3	39A3	3443	4806	4201	52C8
20	5506	5043	3306	5706	50E6	3661	3553	3563	36D1	3386	39A3	3448	4396	4201	4436
19	5506	5181	33F6	5703	3603	35F1	3736	4506	35C1	5C06	5C13	3443	3401	3103	41C3
18	3708	54A1	4783	5703	3903	35E1	3738	4506	35C1	4826	55A3	3443	44G3	31C3	43F3
17	3708	54A1	44D3	56A8	3903	35E1	3708	4506	35C1	48F3	55A3	3448	48F1	3183	43A3
16	3708	54A1	a	56C1	3903	35E1	3798	4506	35C1	5206	55A3	3448	44G1	31F1	4956
15	3703	54A1	3303	5781	3903	35E1	3788	4506	35C1	51E1	55A3	3448	43F6	31E1	4906
14	38A3	54A1	4908	56D1	3903	3288	38F1	3386	32F6	4506	56G1	3448	36H6	31C1	4183
13	38A3	54A1	4908	57G1	3903	3288	30F1	3386	32F6	4506	32D8	3448	32C8	3068	38E3
12	38A3	54A1	4528	57D1	3903	3288	38F1	3306	32F6	4506	32D8	3448	38C8	3088	47D1
11	38A3	54A1	56G3	56C8	3903	3288	38F1	3386	32F6	4506	55F6	3448	36F6	30C6	33H3
10	38A3	54A1	48H6	56C1	3903	3238	38D1	3386	32F6	4506	55F6	3448	36F6	4908	33G3
9	55G1	53F8	33E8	56E1	35C6	3283	55E1	51A1	32F1	4861	55F6	3448	35C3	46E1	5206
8	55G1	53F8	47G8	56D6	53H3	3283	55E1	4706	32F1	34E8	55F6	3448	41A3	3806	5206
7	55G1	53F8	33A1	56B1	4388	3283	55E1	3203	32F1	49G3	55F6	3448	47F3	38E6	5206
6	55G1	53F8	41F1	56D1	4403	3283	55E1	48C6	32F1	49A6	55F6	3448	51C1	3486	5206
5	55G1	4583	4788	57F1	48C3	3283	55E1	48C6	32F1	3486	55F6	3448	3106	45B1	5206
4	39F1	4583	51F8	56E6	52H3	3106	3901	3108	3186	48F3	55F6	3448	41A1	3651	54F3
3	39F1	45F1	35C3	5688	51F3	3106	3901	3546	3186	3201	55F6	3448	4806	4586	5388
2	39F1	45F1	3583	5666	49F8	31F6	3901	3306	3186	54G1	55F6	3448	55A8	5263	54A6
1	39F1	45F1	4883	56A3	39G8	31E6	3901	4306	3186	3246	55F6	3448	48E8	5263	32C3
0	39F1	45F1	4108	5683	46F6	3106	3901	4486	3186	47D8	55F6	3448	4306	4306	3686
COIL	16A/B3	16A/B3	16A/B3	16A/B3	16A/B3	16A/B3	16A/E3	16A/E6	16A/E6	16A/E6	16A/B8	16A/38	16A/38	16A/88	16A/E8

a (ZS) 39G6 (PY) 49H5

a (R) 5508 (XM) 4688 (PQ) 49B1 — 43H1

a (A) 37E1 (PI) 52A3 b (PI) 33H1 (A) 37F1

DRAWING ISSUE 750

ISSUE 9SB

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C3

BELL TELEPHONE LABORATORIES INCORPORATED SHEET 65

SD-25805-01-C3

PART OF APP FIG 8

RELAY DESIG	(FOR USE WITH TABLE I) TI(-)	(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, 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	QA,VL,XT,PZ,OZ	YW,YX	YW,YX	YW,YX
59	51C3	105H4	116B4	124E3	100B4	104D6	120G1	106A1	119C1	114C6	128E3	117D8	116F1	112A1	125F3
58	51C3	117B1	116B4	124E3	100B4	99A4	119B6	106A1	10906	116D8	128E3	113F6	11401	117D4	125B6
57	51C3	120E8	116B4	124E3	125G1	120E3	115E4	106A1	12206	116G6	128E3	121A1	126E1	121D6	125A6
56	51C3	104C6	116B4	124E3	11281	98F6	121E3	106A1	126A1	117E1	128E3	117D4	121C1	117F1	113D1
55	51C3	117G8	116B4	124E3	123F6	116G4	a	106A1	98E1	a	128E3	99H1	11106	123C8	99H1
54	51C3	110F4	116A4	124D3	11106	103D1	110C8	106A1	12238	110A8	9906	9961	108C4	123E1	114F8
53	51C3	110F4	116A4	124D3	133F3	128F1	110C8	106A1	12256	110G6	9906	113F6	106C6	11504	11304
52	51C3	110E4	116A4	124D3	133E3	109G4	110C8	106A1	122F6	110G6	9906	10234	106C6	9908	9984
51	51C3	110D4	116A4	124D3	121F8	117G1	110C8	106A1	12206	110G6	9906	125E4	106C6	116F1	103F4
50	51C3	110C4	116A4	124D3	132F3	125C6	110C8	106A1	12226	110G6	9906	103E4	106C6	12506	106H4
49	43C3	110A4	116F8	124D3	13306	116F8	110D6	105F8	11625	110C6	12706	10248	107C4	10596	117C4
48	43E3	110A4	11636	124D3	13048	104D6	110D6	105F8	11606	110C6	12706	9961	107G1	105A6	126D3
47	41G3	110A4	116F4	124D3	133D3	11006	110D6	105E8	11666	110C6	12706	11546	107E1	25F2	103F6
46	40B6	110A4	11604	124D3	c	133C6	110D6	105E8	12408	110C6	12706	115H4	107E1	25F2	112C8
45	40B3	110A4	11084	124C3	b	10183	110D6	105E8	11628	110C6	12706	11931	107E1	109F4	117C8
44	40B3	109E8	124F6	12483	132E8	117H1	109D8	105C8	105A1	10958	99E4	125C1	107D1	11744	117C8
43	40B3	109E8	124E6	12483	134G3	118E8	109D8	105C8	113C4	10988	99E1	125C1	107C1	112E8	11738
42	40B3	109E8	12406	12483	130E6	107C6	109D8	10538	116E8	10988	99E4	120F1	107C1	126A3	117A8
41	40B3	109E8	124A6	124G1	134F3	101D4	109D8	10588	11286	10988	99E4	12408	107C1	123F3	117G6
40	40B3	109E8	124F3	124G1	133A8	107D6	109D8	10588	119C5	10988	99E4	124C8	107C1	126E3	117G6
39	4303	127E6	100F6	101F1	134D3	128C3	108C1	13006	b	108A1	109C4	11504	117D1	98C4	117F6
38	43C3	11008	100F6	117D9	134E6	128C3	108C1	9904	a	107F8	109C4	11584	10006	98C1	117E6
37	43B3	11206	100F6	12183	131F3	128C3	108C1	121F3	a	107F8	109C4	100A1	102C4	a	117E6
36	34E8	102F8	100F6	10564	133C1	128C3	109C1	105C4	a	107F8	109C4	10061	12348	11301	11726
35	34E8	107D8	100F6	123C1	13066	128C3	109C1	10544	a	107F8	109C4	100F1	12108	103F1	117C6
34	34E8	105E1	100F6	12381	132E6	12883	107A6	124E1	102A6	107F4	101C6	119F1	12188	103A1	117C6
33	41D1	10788	100F6	12381	134C1	12883	107A6	124E1	10236	107F4	12681	117F1	9988	103A1	117A6
32	41C1	107D6	100F6	123A1	131E6	12883	107A6	12401	10236	107F4	123C6	123E6	10561	102F8	117F4
31	34C8	10288	100F6	123A1	133H3	12883	107A6	12401	10236	107F4	123C6	12306	12503	102F8	117E4
30	34C8	10298	100F6	122E8	132C8	12883	10736	12401	10246	107F4	12303	11548	10484	102F8	120A1
29	51A8	10238	100E8	109F6	a	122C3	104C8	112E4	11528	104A8	12763	11681	10868	102F6	11908
28	51A8	b	12361	13083	13281	122C3	104C8	103C1	11528	104A8	10704	11681	10828	102F6	119C8
27	51A8	a	10161	118F8	13186	122C3	104C8	109C1	11508	104A8	120E6	118E1	10808	102F6	119C8
26	51A8	106A6	107E8	10106	132C3	122C3	104C8	10501	11508	104A8	9806	98H1	10888	102F6	119C8
25	51A8	10904	111A8	12C83	132E1	122C3	104C8	10581	11528	10439	13046	105E3	108F6	102F6	119C8
24	51A8	129C3	121C6	114C1	132C6	122F1	104H4	129F1	10328	104E3	11204	12726	10826	102F6	119C8
23	51A8	129C3	11884	114C8	131E8	122F1	104H4	129F1	10328	104E3	112A6	12008	109C6	102F6	11948
22	51A8	129C3	118A4	114C8	131C8	122F1	104H4	12921	10308	104E3	12406	10601	10986	102F6	11966
21	51A8	129C3	118G1	10106	131C3	122F1	103H4	12941	10308	104E3	12403	10621	103F4	102F6	119E6
20	51A8	129C3	104G1	10106	131E1	122F1	103H4	12911	10338	104E3	10136	10601	103E4	102F6	11906
19	54E6	129E3	127E1	12388	11369	109A4	10304	12913	11596	10344	11501	10263	12863	102F6	10351
18	54E6	106F4	127E1	11704	13486	109A4	10304	106E1	11526	103G1	11541	11106	12928	102F6	11408
17	54E6	106E4	127E1	11488	13361	109A4	10304	106E1	11506	103G1	11983	11106	12988	102F6	114D6
16	54E6	10604	127E1	11364	13088	109A4	10304	106E1	11506	103G1	12601	11106	12906	102F6	114E6
15	54E6	10644	127D1	119B1	13366	109A4	10304	106E1	11636	10351	12363	13043	12886	102F6	11386
14	55E6	107A1	127C1	121F1	13101	109E1	100E1	10648	10164	100C1	116A1	10601	13163	102F6	114E6
13	d	106E8	127C1	121E1	13483	109E1	100E1	10648	101E4	100C1	116A1	10601	12188	102F6	100C6
12	c	106E8	127C1	116E1	133E8	109E1	100E1	10648	101F4	100C1	116A1	10601	12488	102F6	100C6
11	54F6	106E8	127C1	132E3		109E1	100E1	10648	101E4	100C1	116A1	10601	13061	102F6	104F8
10	54F6	10608	127C1	119E8	130F3	109E1	100E1	10648	101E4	100C1	11568	10401	13061	102F6	104E8
9	54F6	128C6	126E8	101H6	131F1	104D1	99E6	12846	12371	99C6	11868	13003	13061	102F6	10306
8	54F6	128C6	126E8	118E4	13208	126D3	99E6	12846	11301	99C6	10264	10561	13081	102F6	11201
7	54F6	128C6	126E8	101A1	13088	114D1	99E6	12846	9906	99C6	12096	100F1	129F8	102F6	120A6
6	54F6	128C6	126E8	112C1	131C1	114C8	99E6	12846	119F3	99C6	12006	9901	12908	102F6	127A3
5	54F6	128C6	12688	118E1	131E6	119E1	99E6	12863	11963	99C6	10284	99E1	129C8	102F6	101E6
4	54F6	10884	126F6	12583	13301	12508	99C1	108F1	11251	9888	11901	10681	12888	102F6	111F6
3	b	10884	126C6	10306	133C3	124A1	99C1	108F1	10358	9838	9986	10681	129F6	102F6	120A9
2	a	10884	126C6	103A6	133E1	121C3	9981	108F1	10146	9888	127F3	106F6	129E6	102F6	130E3
1	54F6	10884	126C6	11901		109A8	98F8	108F1	11401	9888	9988	10606	129C6	102F6	125F6
0	54F6	10884	125C6	112A8	13186	117F1	9808	108F1	12005	9888	11384	10503	12946	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/06	16A/B3	16A/B8	16A/B8

a (PN) 33D3 54F6
b (PN) 46D1 54F6
c (QQ) 41C8 54G6
d (PN) 35C6 54G6

a (PS) 11408 (PR) 12363
b (PS) 12IE3 (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) 10206 (ZM) 119C3
b (UJ) 102E6 (ZM) 11903

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

SIZE 6S

SD-25805-01-C4

PART OF APP FIG 8

FOR USE WITH TABLE IB

RELAY DESIG	C3(-)	TO(-)	TI(-)				
CODE	263G, 287A	263G, 287A	263G, 287A				
OPTION	YW,YX	YW,YX	YW,YX				
59	120F3	109F6	123G6				
58	128A1	124F1	123G6				
57	111E8	11488	123G6				
56	118C1	115G1	123G6				
55	98C6	121D6	123G6				
54	98F4	11784	123F6				
53	119C6	123E8	123F6				
52	c	113H1	123F6				
51	b	122D8	123F6				
50	a	120E3	123F6				
49	11448	104F6	113C6				
48	115G1	115H6	113D6				
47	121F6	119F1	11284				
46	121E6	112A4	110E6				
45	10783	127D3	110A6				
44	107G6	113E6	110A6				
43	107G6	117E4	110A6				
42	107G6	127C3	110A6				
41	107G6	12783	110A6				
40	12103	106G4	110H4				
39	116C1	120C3	11306				
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	1				
26	112F8	120C3	125B1				
25	112F8	120C3	125B1				
24	118C8	126E3	125A1				
23	118C8	126C3	125A1				
22	11838	b	125A1				
21	11938	126F1	k				
20	11988	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	11886	107E4	127F8				
12	11846	117C4	h				
11	11854	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	12588	127G6	b				
1	125A8	99F6	a				
0	11481	104G6	a				
COIL	16A/A8	16A/E8	16A/E8				

SEE NOTE 1

a	(UN) 100H4 (UM) 102B6	(UM) 101B4 (UN) 116H1
b	(UM) 102B6 (UN) 121B6	(UM) 115H1 (UN) 117F8
c	(UM) 102B6 (UN) 104G1	

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) 127D8	
b	(QA) 112D4 (UM) 127D8	
c	(QA) 116H4 (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) 11444 125A1	
l	126B1 (LG) 125E4	

SD-25805-01-C5

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 98B

BELL LABORATORIES SD-25805-01- C5

PART OF APP FIG 9

RELAY DESIG	(FOR USE WITH TABLE I) A6(-)	A7(-)	A8(-)	B4(-)	C4(-)	C5(-)	T2(-)	T3(-)	(FOR USE WITH TABLE IB) 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	4988	55B8		51C3	104C6	116C4	117E9	106B1		121C1	130E3
55	47C6	45F8	49F3	37E6	4008	35F3		51C3	117G8	115C4	121B3	106B1		111E6	103F6
54	40B3	45F8	37C1	37E6	39G1	41E8	42F6	51C3	116F4	116B4	105G4	106B1		103D4	112C8
53	40B3	45F8	4788	37E6	3881	4183	51E3	51C3	116F4	116B4	113F1	106B1		106C6	112D1
52	40B3	45F8	51F8	37E6	3881	5481	42C8	51C3	110E4	116B4	125B3	106B1		106C6	127B3
51	40B3	45F8		37E6	3881	44E8	50C8	51C3	110D4	116B4	120E8	106B1		106C6	125F6
50	40B3	45F8		37E6	3881	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.S2		41C3	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	43E3	40B3	109F8	124F6		105D8		107D1	117B4
43	40F1	41F3	57D3	37E6	38B3	42C1	43D8	40B3	109F8	124E6	134G3	105D8		107C1	112E8
42	40F1	41F3	55E8	37D6	38B3	53E3	54D1	40B3	109F8	124D6	130F6	10588		107C1	12683
41	40F1	41D3	57C3	37D6	38B3	51F1	54C1	40B3	109F8	12486	134F3	10588		107C1	123E3
40	40F1	41D3		37D6	38B3	53B6	37E8	40B3	109F8	124F3		10588		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	130H6	102D6		121D8	103F1
34	36D8	32E8	56C6	5186	50F3	34F8	35D3		105E1	100F6	132E6	124F1		121C8	103B1
33	36B8	32E8		5186	52D1	34F8	48D8	41E1	107C8	100F6		124F1		125F3	103B1
32	38E6	32E8		5186	36E8	34F8		41D1	107E6	100F6		124D1		105H1	102F8
31	34E8	32E8		5186	52B1	34F8	51D1	34D8	10298	100F6		124D1		125E3	102F8
30	34E8	32E8	56C6	5186	35E8	34F8		34C8	10298	100F6	132C8	124D1	11688	10484	102F8
29	34E8	32G8	57B6		39B3	35B8		51B8	10298	100E8	134F6			10868	102F6
28	30C8	51C1	56E3		3933	3588		5188	12386	123G1	132C1			108E8	102F6
27	42D1	33E3	56B3	39C3	39B3	3588		5188	123G3	101G1	131C6	109C1		10CD8	102F6
26	38B1	38C8	56G1		39B3	3588		5188	10686	107E8	132C3	9904		10888	102F6
25	39F6	41B1	56F3	3688	3983	3588		5188	109E4	11188	132A1	105C1		108G6	102F6
24	55C6	50G1	56B6	55F3	3983	3588	5386	5188	12903	121C6	132C6	129F1	127E6	108E6	102F6
23	55C6	47E8	56E3	55F3	3983	3588		5188	12903	118C4	131E8	129F1	120D8	108D6	102F6
22	55C6	47E8	56D3	55F3	3983	3588	4581	5188	12903	11884	131D8	129D1	106D1	108B6	102F6
21	55C6	47C8	56F1	55C3	3983	3588	52C8	5188	12903	118G1	131D3	12981	106D1	108G4	102F6
20	55C6	3586	57C6	55C3	3983	3588	4486	5188	12903	112D4	131F1	12981	106D1	108E4	102F6
19	55D6		5681	a	5583	3583	41C3	54F6	103E3		13008	a		129E8	102F6
18	37E8		57E3	3788	5583	3588		54F6	10604		13486	106E1		129D8	102F6
17	37E8		51E6	3788	5583	3588	4383	54F6	106E4		124C3	106E1		12880	102F6
16	37E8		51E6	3788	5583	3588		54F6	106C4		12483	106E1		128H6	102F6
15	37E8		51E6	3788	5583	3588		54F6	10684		12483	106E1		128F6	102F6
14	38B3		5601	38G1	56H1	3588	41B3	55E6	10781		13101	10688	1060I	131G3	102F6
13	38B3			38G1	32C8	3588	38E3		106F8			10688	1060I	100C6	102F6
12	38B3		35G1	38G1	32C8	3588	47E1		106F8		103C1	10688	106D1	100C6	102F6
11	38B3		54E8	38G1	55F6	3588	33H3	54F6	106F8		103E1	10688	106D1	130G1	102F6
10	38B3		5008	3801	55F6	3588		54F6	106E8		123E8	10688	106D1	130E1	102F6
9	55G1	53F8	51E6	55F1	55F6	3588		54F6	12806	126E8	124B3	12886		130D1	102F6
8	55G1	53F8	55H6	55F1	55F6	3588		54F6	12806	126E8	130C3	12886		130B1	102F6
7	55G1	53F8	56H3	55F1	55F6	3588		54F6	12806	126E8	132E3	12886		129F8	102F6
6	55G1	53F8	33E8	55F1	55F6	3588		54F6	12806	126E8	101H6	12886		129E8	102F6
5	55G1	45B3	33B1	55F1	55F5	3588		54F6	12806	126C8	101B1	128F3		129C8	102F6
4	39F1	45B3	41G1	39E1	55F6	3588		54F6	10884	126F6	112C1	108F1	106C1	12998	102F6
3	39F1	45F1	5698	39E1	55F6	3588	5388	54F6	10884	126D6	133C3	108F1	106C1	129F6	102F6
2	39F1	45F1	56G6	39E1	55F6	3588	5486	54F6	10884	126D6	133F1	108F1	106F6	129E6	102F6
1	39F1	45F1	35C3	39E1	55F6	3588		54F6	10884	126D6	10386	108F1	106E6	129C6	102F6
0	39F1	45F1	41D8	39E1	55F6	3588		54F6	10884	126D6	11288	108F1		129B6	102F6
COIL	17A6	17A6	17A6	17G5	17E8	17E8	1788	1788	17A6	17A6	17A6	17G5	17F5	17E8	17E8

(OF) 48C3

a (IF) 5586

(OF) 119E1

a (IF) 12983

DRAWING ISSUE 750

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C6

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-C6

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	117C8	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	115H1	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(-)	178B	
YW,YX	T3(-)	178B	

DRAWING ISSUE 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE CODE 6S

SD-25805-01-C7

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	32F8	4188	40E8	36B3	3488	55B3	47F3	4185
58	43E5	56E0	50C5	47B0	51F8	33G5	45F8	32F8	4188	40E8	47C5	3488	55B3	47F3	5000
57	43E5	57G3	49F3	38H3	48F8	33G5	45F8	32F8	4188	40E8	4685	3488	55B3	47F3	36D8
56	43E5	5588	39C5	51E0	50C0	33F5	45F8	32F8	4188	40E8	49E5	3488	55B3	47F3	5508
55	43E5	56F5	3580	45D0	36C0	44D3	45F8	32F8	4188	40E8	50E8	3488	55B3	47F3	56D5
54	43D0	56A0	3280	5608	35A0	36F5	45F8	32F8	4188	40E8	50E8	3488	39B3	47F3	56C8
53	43D0	57G3	32F3	36H5	31D0	36F5	45F8	32F8	4188	40E8	50E8	3488	39B3	47F3	55E8
52	43D0	57C0	4685	36G5	31G2	48F8	45F8	32F8	4188	40E8	50E8	3488	39B3	47F3	57D3
51	43D0	56G5	41H3	33H0	3280	48F8	45F8	32F8	3608	40E8	50D8	3488	39B3	47F3	57C3
50	43D0	57A3	46E8	52A3	39C5	48F8	45F8	32F8	3688	40E8	50D8	3488	39B3	47F3	57G0
49	3988	57G3	51D0	52G0	4588	48F8	46F0	31D3	51E5	54A0	37F5	3488	39B3	47F3	57E0
48	3988	57F0	47B5	5288	39E8	48F3	46D0	31C3	51E5	54A0	37F5	3488	39B3	47F3	5680
47	3988	5783	35C8	47F8	54D5	25C0	46B0	3183	51E5	54A0	37F5	3488	39B3	47F3	56C0
46	3988	5688	40D8	48C0	45D3	34G5	4685	31F0	51E5	54A0	37F5	3488	39B3	47F3	5780
45	39B8	56F5	45G8	46A0	45D3	34G5	49B0	31E0	51E5	54A0	37F5	3488	39B3	47E3	5688
44	39E5	56E5	33C3	3300	45D3	34G5	4083	31C0	51E5	54A0	37F5	3488	48F5	52H5	56G5
43	39E5	56C3	46B0	39F8		34B5	4083	30G8	51E5	54A0	37F5	3488	32C8	3803	5600
42	39E5	5683	46G5	33E0	41G5	45B5	4083	3088	51E5	54A0	37F5	3488	32C8	3803	56E5
41	39E5	56D8	3680	33E0	33F5	54E8	4083	30C5	51E5	54A0	37F5	3488	55G5	38C3	56F8
40	39E5	56E8	4688	33E0	33E5	35C5	4083	3085	51E5	54A0	37F5	3488	55G5	38C3	56F8
39	36C0	5588	35F8	52A5	54F3	38G5	40F0	48H5	51E5	53G8	37F5	3488	55G5	38C3	5780
38	36C0	56H5	45E8	39B8	45D8	38F5	40F0	48G5	51E5	53G8	37F5	3488	55G5	3883	56C8
37	36C0	36C3	30A8	4788	43H5	31C8	40F0	48G5	51E5	53G8	37F5	3488	55G5	3883	5683
36	36C0	36C3	31B0	3585	43G5	3888	40F0	48G5	51E5	53G8	37F5	3488	55G5	3883	56A3
35	36C0	33F5	31G5	33D3	48D5	3888	40F0	48G5	51D5	45B3	37F5	3488	55G5	3883	56A5
34	35D8	49G5	3008	33D3	48G3	3888	40F0	48G5	51D5	45B3	37F5	3488	55G5	3883	56H3
33	35D8	50C0	3005	33C3	52F5	3888	40F0	48G5	51D5	4500	37F5	3488	55G5	38C0	56C5
32	35D8	42D3	45G3	33E3	52E5	3888	40F0	48G5	51D5	4500	37E5	3488	55G5	38C0	5600
31	35D8	42B8	51F5	33F3	33E8	50F3	40F0	48G5	5105	4500	37E5	3488	55G5	38C0	56G3
30	35D8	48F0	51F3	6H5	51E0	50F3	40F0	48G5	51D5	4500	37E5	3488	55G5	38C0	5683
29	34F8	46F5	31F8	46C5	46E0	4280	32E3	34F5	36F5	3605	49B3	4883	44G0	41F3	54F8
28	34F8	51F5	31F8	31F8	44E0	41G8	32E3	34F5	36F5	36D5	49B3	41D8	44F0	41F3	54F8
27	34F8	34D8	31F8	48G0	4688	33B5	32E3	34F5	36F5	36D5	45H5	44C3	4380	41F3	54F8
26	34F8	34D8	31F8	3683	52D3	3385	32E3	34F5	36F5	36D5	45H5	44C8	4485	41D3	54F8
25	34F8	34D8	31F8	49C3	3988	3385	32E3	34F5	36F5	36D5	45H5	5488	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	3100	50F0	51C5	50C5
22	55G0	55F0	50H0	3385	49E8	33B5	40G5	40D5	36F0	36E0	3200	3180	41F8	51C5	50C5
21	55G0	55F0	36C3	33A5	44G5	4280	40G5	40D5	36F0	36E0	4908	4088	54G0	51C5	50C5
20	55G0	55F0	51D3	4908	44D5	35A5	40G5	40D5	36F0	36E0	4908	4185	57C5	51C5	50C5
19	3960	39F0	41E0	5580	3985	35H3	4085	40G3	35F0	3500	48G0	49A3	46E8	3780	39E5
18	3960	39F0	4888	5580	3963	35H3	4085	40E3	35F0	3500	48H0	49A3	48C0	3668	39E5
17	3960	39F0	5068	5580	3963	35H3	4085	40E3	35F0	3500	48H5	49A3	4605	44F8	39E5
16	3960	39F0	5180	5580	39G3	35H3	4085	40E3	35F0	3500	4588	49F0	46B3	4408	39E5
15	3960	39F0	47H5	5580	3963	35H3	4085	40E3	35F0	3500	54F0	49F0	49C5	30E8	39E5
14	55D5	55B5	32D3	5580	39G3	48F0	40E0	4000	3288	32G5	4588	49F0	3308	30E5	45C0
13	55C5	55F3	51E8	5580	39E3	48F0	40E0	4080	3288	32G5	45E5	49F0	3308	4883	36G0
12	55C5	55F3	41E0	5580	39E3	4800	40E0	4080	3288	32G5	45E5	49F0	3388	39E8	46H0
11	55C5	55F3	51B3	5580	39E3	48D0	40E0	4080	3283	3265	45E5	49E0	33H5	52C5	46G0
10	55C5	55D3	40E8	5580	39E3	4800	40E0	4080	3283	3265	4505	49E0	3485	5065	4603
9	55C5	55D3	46F8	50F5	4480	42B3	3980	3868	3283	3260	4505	49E0	4483	45C5	34E3
8	3883	38H0	45C3	50F5	44A0	42B3	3980	38E8	3283	3200	4505	49E0	4488	51H5	34E3
7	3883	38H0	3205	50F5	44A0	4260	3980	38E8	3283	3200	50E3	49C0	30C8	46F3	34E3
6	3883	38H0	4508	50F5	43G6	4260	3980	38E8	3283	3200	5003	3308	4200	49F5	34E3
5	3883	38H0	37F0	50F5	43G8	4260	3980	38E8	3283	3200	4505	33F8	4963	4405	34A3
4	3883	38E0	37E0	50F5	43G8	3405	3885	3863	31F5	3185	45F5	33F8	4985	31F3	34A3
3	37E8	37C8	46D0	50F5	43G8	3405	3885	3863	31F5	3185	45F5	37E3	34E5	55C8	34A3
2	37E8	37C8	46C8	50F5	43F8	3405	3885	3863	31F5	3185	45F5	37C3	4603	38E3	34A3
1	37E8	37C8	52C3	50F5	4308	3405	3885	3863	31E5	3185	45F5	37C3	46E3	34C3	34A3
0	37E8	37C8	46A5	50F5	4308	3405	3885	3863	3105	3185	45F5	37H0	46F5	4105	34A3
COIL	20C3	20C3	20C3	20C3	20C3	20C3	20C3	20C3	20C3	2003	2003	2003	2003	2003	2003

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C8

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C8

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	5588	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	5685	3888	5480
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	3380
34	56C0	44D3	51F0
33	56D3	3880	38D8
32	56E0	39F5	35G0
31	56D0	55H5	33E3
30	5680	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	4785
16	48B5	48C5	983
15	48A5	49G3	42A5
14	48A5	3780	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	4188
6	37F3	4930	52B0
5	37F3	39G8	42G5
4	37F3	3GG5	51F8
3	37F3	41F0	5083
2	3703	42D3	32C0
1	37B3	34H8	4305
0	3753	42F5	51C8
COIL	20D3	20D3	20D3

NETWORK

OPT	DESIG	LOC	CODE
	S0		
	S1		
	S2		
	S3	20D3	437C & 439A (CONDENSER)
	S4		KS-13491 (RESISTOR),L1,51
	S5		
	S6		
	S7		
	S8		

DRAWING ISSUE 750

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			HNO-9			JCO-9			MTRA			RF			SEF		
CODE	U422			U422			U422			U65			U422			U422		
OPTION										JM								
	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			2580

RELAY DESIG	TO-9			UO-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
TOP																		
	1,2,3	BM		1,2,3	BM													
BOT	1,2	M	2583	1,2	M	25C3												
COIL			2587			2587												

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
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
TOP																		
	6,7	M	19/E7															
	4,5	M	13/E9	4,5	M	18/G6	4,5	M	18/G6									
	1,2,3	BM	13/C7	1,2,3	BM	18/D7	1,2,3	BM	18/D7									
	1,2,3	BM		1,2,3	MB	18/E7	1,2,3	MB	19/E7									
BOT	4,5	M	2F4															
COIL			19/E7			18/E7			18/E6									

DRAWING ISSUE 750 GB

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C10

BELL TELEPHONE LABORATORIES INCORPORATED — FORM 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(0)					
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(0)					
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			

SD-25805-01-C11

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 988
BELL LABORATORIES	SD-25805-01-		C11

APP FIG 22

RELAY

DESIG	ON1			RNA			RR			RR1			RR2			RR3		
CODE	U180			U180			U57			U57			U57			U57		
OPTION	NU												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							9,10	M	14A0	9,10	M	14B0	9,10	M	14C0	9,10	M	14D0
							7,8	M	14A0	7,8	M	14B0	7,8	M	14C0	7,8	M	14D0
							5,6	M	14A0	5,6	M	14B0	5,6	M	14C0	5,6	M	14D0
							3,4	M	14A0	3,4	M	14B0	3,4	M	14C0	3,4	M	14D0
	1,2,3	BM	2F5	1,2,3	BM	2E5	1,2	M	14A0	1,2	M	14B0	1,2	M	14C0	1,2	M	14D0
BOT	1,2	M	12G2	1,2	M	18G1	1,2	M	14A0	1,2	M	14B0	1,2	M	14C0	1,2	M	14D0
	3,4	M	12F3	3,4	M	301	3,4	M	14A0	3,4	M	14B0	3,4	M	14C0	3,4	M	14D0
							5,6	M	14A0	5,6	M	14B0	5,6	M	14C0	5,6	M	14D0
							7,8	M	14A0	7,8	M	14B0	7,8	M	14C0	7,8	M	14D0
							9,10	M	14A0	9,10	M	14B0	9,10	M	14C0	9,10	M	14D0
COIL			2F5			21A3			12D3			12E3			12E3			12F4

RELAY

DESIG	RR4			RR5			RT			RT1			RT2			RT3		
CODE	U57			U57			U57			U57			U57			U57		
OPTION	NJ			NJ									WC			WC		
	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	14C0	9,10	M	14E0	9,10	M	14C0	9,10	M	1400	9,10	M		9,10	M	
	7,8	M	14C0	7,8	M	14E0	7,8	M	a	7,8	M	14H7	7,8	M		7,8	M	
	5,6	M	14C0	5,6	M	14E0	5,6	M	b	5,6	M	14F4	5,6	M		5,6	M	
	3,4	M	14C0	3,4	M	14E0	3,4	M	14H4	3,4	M		3,4	M		3,4	M	
	1,2	M	14C0	1,2	M	14E0	1,2	M	1385	1,2	M	13C5	1,2	M		1,2	M	
BOT	1,2	M	14C0	1,2	M	14E0	1,2	M	13D6	1,2	M	13F6	1,2	M	13E6	1,2	M	13F6
	3,4	M	14C0	3,4	M	14E0	3,4	M	13D6	3,4	M	13F6	3,4	M	13E6	3,4	M	13F6
	5,6	M	14C0	5,6	M	14E0	5,6	M	13D6	5,6	M	13F6	5,6	M	13E6	5,6	M	13F6
	7,8	M	14C0	7,8	M	14E0	7,8	M	13D6	7,8	M	13F6	7,8	M	13E6	7,8	M	13F6
	9,10	M	14C0	9,10	M	14E0	9,10	M	13B6	9,10	M	13C6	9,10	M		9,10	M	
COIL			12E3			12F4			12C3			12G4			12C3			12H4

a
- NS 14C4
- 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
TOP																		
	1,2,3	BM																
BOT	1,2	M	18G1															
	3,4	M	2F5															
COIL			21D4															

NETWORK

OPT	DESIG	LOC	CODE
MD	RR	12D4	177C
WD	RR1	12F4	
WC	RT	12C3	
WC	RT1	12G4	

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
TOP	11,12	M	282	11,12	M	282												
	8,9,10	BM	19A7	8,9,10	BM	19E7												
	6,7	M	3C1	6,7	M	381												
	4,5	M	1982	4,5	M	19E2												
	1,2,3	MB	19A2	1,2,3	MB	1902												
BOT	1,2	M	11E4	1,2	M	11E4												
	3,4	M	21E1	3,4	M	21E1												
	5,6	M	26H6	5,6	M	25H6												
	7,8,9	BM	1385	7,8,9	BM	1405												
	10,11	M	1940	10,11	M	1950												
COIL			18/C7			18/C7												

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
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	29A7	1,2	M	21C3												
	3,4	M	29A7	3,4	M	11F4												
	5,6	M	29B7	5,6	M	21H1												
	7,8,9	BM	1402															
	10,11	M	29F/H2															
COIL			21B3			a												

a 2ND-LAST - 26A/H7
EMER - 26B/E1

a
- LAST - 18/C0
- INT - 18/C1
- 3RD - 18/C2
- 2ND - 18/C3
- EMG - 18/C4

b 2ND-LAST - 26A/G7
EMER - 26B/E1

APP FIG 25

RELAY

DESIG	TVA(-)			TVA1(-)			TV8(-)			TVT(-)								
CODE	U1261			U57			U699			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				9,10	M	6F4												
	9,10	M	21A0	7,8	M	11D2	7,8	M	3D3	8,9	M	1A/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	15G2	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	2C2	3,4	M	27F1	3,4	M	13F1	4,5	M	11C1						
	6,7	M	3D3	5,6	M	29G1	5,6	M	13C1	6,7	M	2102						
	8,9	M	18G2	7,8	M	29E7	7,8	M	18C1	8,9	M	287						
				9,10	M	2807												
COIL			1A/C3			9D1			1A/C3			a						

a 29F/D5
27F7

a	1ST	8B7	
	2ND	8B5	
	LAST	8B4	
b	1ST	8A7	
	2ND	8A6	
	LAST	8A4	

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-C12

BELL TELEPHONE LABORATORIES INCORPORATED

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SD-25805-01-C12

CBL-256 (12-74)

APP FIG 26

RELAY	(FOR USE WITH TABLE I)					(FOR USE WITH TABLE IB)					
DESIG	VO(-)	V1(-)	V2(-)	V3(-)	WO(-)	VO(-)	V1(-)	V2(-)	V3(-)	WO(-)	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
59	34H1	47F8	39E1	36D6	50F1	101C8	112F4	108G1	10488	12103	59
58	34H1	53C6	39E1	36D6	4688	101C8	126G3	109G1	10488	13401	58
57	34H1	5288	39E1	36D6	4681	101C8	109G6	108G1	10488	11603	57
56	34H1	5108	39E1	36D6	3681	101C8	q	108G1	10488	13403	56
55	34H1	45E1	39E1	36D6	45E8	101C8	105G1	108G1	10488	13308	55
54	34H1	32A3	55F3	40D1	3283	101C8	p	129G1	109C8	99E6	54
53	34H1	3508	55F3	4081	3283	101C8	n	129G1	109C8	99E6	53
52	34H1	32C3	55F3	4081	3283	101C8	132A1	129E1	109C8	99E6	52
51	34H1	32H1	5503	4081	3283	101C8	133E1	129B1	109C8	99E6	51
50	34H1	4781	5503	4081	3283	101C8	134G6	129B1	109C8	99E6	50
49	55B1	36G3	55F1	36E1	4786	128E1	130G6	128C6	104E3	11763	49
48	55B1	a	55F1	36E1	5781	128E1	131E1	123C6	104E3	13306	48
47	55B1	3988	55F1	36E1	3908	128E1	133G3	123C6	104E3	10986	47
46	5581	5283	55F1	36E1	5103	128E1	120C8	123C6	104E3	12308	46
45	5581	52G1	55F1	36E1	3508	128E1	130F3	123F3	104E3	10403	45
44	5581	32F1	55C6	3808	3288	128C1	m	129B3	10381	10081	44
43	5581	32F1	37C8	38E8	3288	128C1	l	106F1	107F8	10081	43
42	55B1	32F1	37C8	38E8	3288	128C1	k	106F1	107F8	10081	42
41	5581	32F1	37C8	38E8	3288	128C1	j	106F1	107F8	10081	41
40	5581	5588	37C8	38E3	3288	128C1	121E1	106F1	107F8	10081	40
39	50F6	56A1	3861	3501	5501	12283	h	106C8	10384	12861	39
38	50F6	57A6	3861	3501	35C8	12283	100E6	106C8	10361	13201	38
37	50F6	56E1	3861	3501	34E8	12283	131B3	104C8	10361	10208	37
36	50F6	57G3	3861	3501	4508	12283	121G1	106C8	10361	13206	36
35	50F6	56F6	38E1	3501	31F6	12283	118F8	106C8	10361	9981	35
34	50F6	5588	48F1	3863	35F1	122D1	112C8	118D8	10764	10303	34
33	50F6	57A3	48F1	3863	35F1	122D1	11588	118C8	10764	10303	33
32	50F6	5608	4801	3863	35F1	122D1	107C8	118C8	10764	10303	32
31	50F6	56C3	4801	3863	35F1	122D1	103G4	113C8	10764	10303	31
30	50F6	56C3	4801	3863	35F1	122D1	119F8	118C8	10764	10303	30
29	3986	56E6	4283	3206	5101	10961	9986	11381	10081	11308	29
28	3963	56F6	4283	3206	4786	10961	10306	11381	10081	13288	28
27	3963	5688	4261	3206	39F8	10961	10306	112F8	10081	10986	27
26	3963	57F3	4261	3206	32E6	10961	10306	112F8	10081	10081	26
25	3963	56E8	4261	3206		10961	10204	112F8	10081		25
24	3963	48C1	3406	3261	35F1	10901	13401	10264	9906	10463	24
23	39E3	5163	3406	3261	36F1	10901	g	102E4	9906	10463	23
22	39E3	3586	3406	3261	36F1	10901	104C1	102E4	9906	10463	22
21	39E3	5086	3406	3261	36F1	10901	f	10264	9906	10463	21
20	39E3	4501	3406	3261	36F1	10901	13283	102E4	9906	10463	20
19	4481	51E1	4083	3105		11435	13205	11301	9988	11736	19
18	4481	51F6	3101	3106	32E5	11486	13181	9806	9988	11764	18
17	4481	51F3	3181	3106	36F6	11486	e	9864	9988		17
16	4308	32E1	4106	3106	4606	11486	13381	11163	9986	13108	16
15	4308	32E1	49E3	3106	3106	11486	131E3	12063	9988	9808	15
14	4308	32E1	48F6	40F6	36E5	114F4	d	10744	11088	10408	14
13	4308	32D1	52H6	4006	36E6	114F4	c	107F1	110H6	10408	13
12	43F8	46A1	4488	4006	36E6	114E4	b	11503	110H6	10408	12
11	4308	39F8	4483	4006	36E5	114C4	133F6	11406	110H6	10408	11
10	4308	54F1	3008	4006	36E6	114C4	127E3	9884	110H6	10408	10
9	32E3	4881	30E6	4006		c	118F4	9981	113E3	12308	9
8	3203	4788	32F3	48E6		b	121E8	13283	11086	11609	8
7	32D3	4208	25E2	4503		a	11384	25H2	12781	11501	7
6	33C3	52E8	25E2	4503		13206	126G1	25H2	12781	11581	6
5	45A3	3503	5308	4503		12688	103H6	126D8	12781	9806	5
4	45A3	42C3	5308	4003		126E6	113C1	126D8	11006	13086	4
3	45F1	4503	5308	40E3		12686	a	126D8	11006	10704	3
2	45F1	52F3	5308	40E3		12686	12506	126D8	11006	9801	2
1	45F1	52C6	36H6	40E3		12686	126C1	b	11006	12703	1
0	45F1	5108	a	40E3		12686	125G1	a	11006	12006	0
COIL	1884	1884	1884	1884	1804	1884	1884	1884	1884	1804	COIL
		a (IE) 3181 (IC) 3206				a (LL) 107F6 (LJ) 132D3	SEE NOTE 1	a (LJ) 104G8 (LL) 108C3			
			a (IE) 30A8 (ID) 36G6			b (LL) 118D3 (LJ) 132F3		b (LL) 118G1 (IJ) 131B6			
						c (LL) 103C8 (LJ) 131C1					

NOTES:

1.

a	(LJ) 13'G1	(LL) 13388
b	(LL) 11481	(LJ) 13088
c	(LL) 115G6	(LJ) 13008
d	(LL) 115F6	(LJ) 13383
e	(LL) 115C6	(LJ) 130C8
f	(LL) 121G6	(LJ) 13106
g	(LJ) 124D1	(LL) 131F6
h	(LL) 115D6	(LJ) 11808
j	(LJ) 101D1	(LL) 115E6
k	(LJ) 101D1	(LL) 10131, 11181
l	(LJ) 101D1	(LL) 11183
m	(LJ) 101D1	(LL) 11186
n	(LJ) 104C3	(LL) 111E1
p	(LJ) 101E1	(LL) 111E3
q	(LL) 111C8	(LJ) 125F1

NETWORK

OPT	DESIG	LOC	CODE
YW,YX	VO-3	1884	1774
YW YX	WO	8164	

*MASTER TEST FRAME CONNECTOR CKT

BELL LABORATORIES	SD-25805-01-	C13
	DWG SIZE 6S	ISSUE 988

SD-25805-01-C13

APP FIG 27

(FOR USE WITH TABLE I)

DESIG	RTE	RTO
CODE	263G, 287A	263G, 287A
OPTION	YW,YX	YW,YX
59		
58	46A8	46A8
57		
56	36B1	36B1
55	45E8	45E8
54	32B3	32B3
53	32B3	32B3
52	32B3	32B3
51	32B3	32B3
50	32B3	32B3
49		
48	57E1	57E1
47	57G3	57G3
46	57B3	57B3
45	39C6	39C6
44	32B8	32B8
43	32B8	32B8
42	32B8	32B8
41	32B8	32B8
40	32B8	32B8
39		
38	35C8	35C8
37		
36	45G8	45G8
35	31F6	31F6
34	35E1	35E1
33	35E1	35E1
32	35E1	35E1
31	35E1	35E1
30	35E1	35E1
29	51C1	51C1
28	47A6	47A6
27		
26		
25	31E6	31E6
24	36F1	36F1
23	36F1	36F1
22	36F1	36F1
21	36F1	36F1
20	36F1	36F1
19		
18		
17	54D6	54D6
16	46G6	46G6
15	31D6	31D6
14	36E6	36E6
13	36E6	36E6
12	36E6	36E6
11	36E6	36E6
10	36E6	36E6
9	46E8	46E8
8	56G6	56G6
7	35E8	35E8
6	39E8	38E8
5	57C1	57C1
4	4588	4588
3	4681	4681
2		
1	4008	4008
0	3281	3281
COIL	19C6	19G6

(FOR USE WITH TABLE IB)

RTE	RTO
263G, 287A	263G, 287A
YW,YX	YW,YX
13481	13481
134D3	134D3
133C8	133C8
v	v
u	u
t	t
s	s
r	r
134F1	134F1
134E1	134E1
116E1	116E1
134E3	134E3
12988	12988
q	q
q	q
q	q
q	q
q	q
132D1	132D1
13286	13286
p	p
n	n
n	n
n	n
n	n
n	n
11388	11388
13298	13298
133F1	133F1
m	m
l	l
l	l
l	l
k	k
j	j
133C3	133C3
133C1	133C1
129C6	129C6
h	h
g	g
f	f
e	e
d	d
c	c
b	b
a	a
116D1	116D1
134A3	134A3
12906	12906
122E3	122E3
129F6	129F6
131D8	131D8
101C1	101C1
134A6	134A6
19C6	19G6

SEE NOTE 1

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	12786
p	LS	6G3
	LR	9981
q	LP	100E1
	LR	100F1
	LQ,LS	12803
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

NETWORK

OPT	DESIG	LOC	CODE
	RTE	19C6	177J
	RTO	19G6	

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES SD-25805-01-		C14

SD-25805-01-C14

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	3541	3,4	M	51F3	3,4	M	3541	3,4	M	51F3
	1,2	M	54F8	1,2	M	54F8	1,2	M	3201	1,2	M	4966	1,2	M	3201	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	4203	3,4	M	50C1	3,4	M	4203
	5,6	M	50C6	5,6	M	50C6	5,6	M	3281	5,6	M	3305	5,6	M	3281	5,6	M	3305
	7,8	M	50C6	7,8	M	50C6	7,8	M	32F3	7,8	M	3581	7,8	M	32F3	7,3	M	3581
	9,10	M	50C6	9,10	M	50C6	9,10	M	3103	9,10	M	4288	9,10	M	3103	9,10	M	4288
	11,12	M		11,12	M													
COIL			1985			19E5			19A8			1988			19E3			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	7753	9,10	M	7506	9,10	M	7753	9,10	M	7506
	7,8	M	92C1	7,8	M	92C1	7,8	M	6181	7,8	M	8983	7,8	M	6181	7,8	M	8983
	5,6	M	92C1	5,6	M	92C1	5,6	M	9306	5,6	M	96F1	5,6	M	9306	5,6	M	96F1
	3,4	M	92C1	3,4	M	92C1	3,4	M	9306	3,4	M	9503	3,4	M	9306	3,4	M	9503
	1,2	M	92C1	1,2	M	92C1	1,2	M	9303	1,2	M	7506	1,2	M	9303	1,2	M	7506
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	7506	3,4	M	93E6	3,4	M	7506
	5,6	M	91D3	5,6	M	91D3	5,6	M	7631	5,6	M	94E6	5,6	M	96B1	5,6	M	96B1
	7,8	M	91D3	7,8	M	91D3	7,8	M	9503	7,8	M	76C1	7,8	M	95F3	7,8	M	95F3
	9,10	M	91D3	9,10	M	91D3	9,10	M	93F3	9,10	M	8341	9,10	M	93F3	9,10	M	8341
	11,12	M		11,12	M													
COIL			1985			19E5			19A8			1988			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	12803	9,10	M	12803	9,10	M	113E4	9,10	M	107E6	9,10	M	113E4	9,10	M	107E6
	7,8	M	12803	7,8	M	12803	7,8	M	9903	7,8	M	125C3	7,8	M	9903	7,8	M	125C3
	5,6	M	12803	5,6	M	12803	5,6	M	13001	5,6	M	13346	5,6	M	13001	5,6	M	13346
	3,4	M	12803	3,4	M	12803	3,4	M	13011	3,4	M	133F1	3,4	M	13041	3,4	M	133F1
	1,2	M	12803	1,2	M	12803	1,2	M	12978	1,2	M	11206	1,2	M	12983	1,2	M	11206
BOT	1,2	M	127A6	1,2	M	127A6	1,2	M	12683	1,2	M	10981	1,2	M	12633	1,2	M	10981
	3,4	M	127A6	3,4	M	127A6	3,4	M	13051	3,4	M	109F4	3,4	M	13051	3,4	M	109F4
	5,6	M	127A6	5,6	M	127A6	5,6	M	13053	5,6	M	13103	5,6	M	13053	5,6	M	13103
	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	12903	9,10	M	11804	9,10	M	12983	9,10	M	11804
	11,12	M		11,12	M													
COIL			1985			19E5			19A8			1988			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	153E6	9,10	M	153E6	9,10	M	16583	9,10	M	15508	9,10	M	16583	9,10	M	15508
	7,8	M	14206	7,8	M	14206	7,8	M	17205	7,8	M	16501	7,8	M	17205	7,8	M	16501
	5,6	M	14206	5,6	M	14206	5,6	M	17231	5,6	M	15706	5,6	M	17231	5,6	M	15706
	3,4	M	14206	3,4	M	14206	3,4	M	17283	3,4	M	15686	3,4	M	17283	3,4	M	15686
	1,2	M	14206	1,2	M	14206	1,2	M	17208	1,2	M	17083	1,2	M	17208	1,2	M	17083
BOT	1,2	M	17146	1,2	M	17146	1,2	M	17256	1,2	M	14201	1,2	M	17256	1,2	M	14201
	3,4	M	17146	3,4	M	17146	3,4	M	17201	3,4	M	16251	3,4	M	17201	3,4	M	16251
	5,6	M	17146	5,6	M	17146	5,6	M	17233	5,6	M	17733	5,6	M	17233	5,6	M	17733
	7,8	M	17146	7,8	M	17146	7,8	M	17203	7,8	M	17506	7,8	M	17256	7,8	M	17506
	9,10	M	17146	9,10	M	17146	9,10	M	17208	9,10	M	16583	9,10	M	17208	9,10	M	16583
	11,12	M		11,12	M													
COIL			1985			19E5			19A8			1988			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 C3B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C15

BELL TELEPHONE LABORATORIES INCORPORATED ISSUE 6S

SD-25805-01-C15

E-3422-8-2(8-64)

APP FIG 29

RELAY (FOR USE WITH TABLE I)

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						

RELAY (FOR USE WITH TABLE IA)

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	9366				11,12	M					11,12	M				
	9,10	M	6401	9,10	M	6401	9,10	M	64C3	9,10	M	64C3	9,10	M	8806	9,10	M	8806
	7,8	M	6401	7,8	M	6401	7,8	M	64C3	7,8	M	64C3	7,8	M	81G1	7,8	M	81G1
	5,6	M	6401	5,6	M	6401	5,6	M	64C3	5,6	M	64C3	5,6	M	79B3	5,6	M	79B3
	3,4	M	6401	3,4	M	6401	3,4	M	64C3	3,4	M	64C3	3,4	M	79G1	3,4	M	79G1
	1,2	M	6401	1,2	M	6401	1,2	M	64F1	1,2	M	64G1	1,2	M	59F6	1,2	M	59F6
BOT	1,2	M	6308	1,2	M	6308	1,2	M	64F1	1,2	M	64G1	1,2	M	85C4	1,2	M	85C4
	3,4	M	6308	3,4	M	6308	3,4	M	64F1	3,4	M	64G1	3,4	M	9103	3,4	M	9103
	5,6	M	6401	5,6	M	6401	5,6	M	64F1	5,6	M	64G1	5,6	M	59E1	5,6	M	59E1
	7,8	M	6401	7,8	M	6401	7,8	M	64F1	7,8	M	64G1	7,8	M	7083	7,8	M	7083
	9,10	M	6401	9,10	M	6401	9,10	M	64F1	9,10	M	64G1	9,10	M	9481	9,10	M	9481
	11,12	M	6806				11,12	M					11,12	M				
COIL			21E3			21H3			21F3			21H3			21F3			21G3

RELAY (FOR USE WITH TABLE IB)

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	10188	9,10	M	10188	9,10	M	10281	9,10	M	10281	9,10	M	124E8	9,10	M	124E8
	7,8	M	10188	7,8	M	10188	7,8	M	10281	7,8	M	10281	7,8	M	11609	7,8	M	11609
	5,6	M	10188	5,6	M	10188	5,6	M	10281	5,6	M	10281	5,6	M	11501	5,6	M	11501
	3,4	M	10188	3,4	M	10188	3,4	M	10281	3,4	M	10281	3,4	M	11581	3,4	M	11581
	1,2	M	10188	1,2	M	10188	1,2	M	101E8	1,2	M	101E8	1,2	M	98E6	1,2	M	98F6
BOT	1,2	M	10188	1,2	M	10188	1,2	M	101E8	1,2	M	101E8	1,2	M	120F6	1,2	M	12066
	3,4	M	10188	3,4	M	10188	3,4	M	101E8	3,4	M	101E8	3,4	M	127H3	3,4	M	127H3
	5,6	M	10188	5,6	M	10188	5,6	M	101E8	5,6	M	101E8	5,6	M	98F1	5,6	M	99F1
	7,8	M	10188	7,8	M	10188	7,8	M	101E8	7,8	M	101E8	7,8	M	107E4	7,8	M	107E4
	9,10	M	10188	9,10	M	10188	9,10	M	101E8	9,10	M	101E8	9,10	M	130C6	9,10	M	130C6
	11,12	M	105C6				11,12	M										
COIL			21E3			21H3			21F3			21H3			21F3			21G3

RELAY (FOR USE WITH TABLE IE)

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	16363				11,12	M					11,12	M				
	9,10	M	14306	9,10	M	143E6	9,10	M	143C8	9,10	M	14308	9,10	M	16368	9,10	M	16368
	7,8	M	14306	7,8	M	143E6	7,8	M	143C8	7,8	M	14308	7,8	M	16368	7,8	M	16368
	5,6	M	14306	5,6	M	143E6	5,6	M	143C8	5,6	M	14308	5,6	M	16368	5,6	M	16368
	3,4	M	14306	3,4	M	143E6	3,4	M	143C8	3,4	M	14308	3,4	M	16368	3,4	M	16368
	1,2	M	14306	1,2	M	143E6	1,2	M	14306	1,2	M	14306	1,2	M	16368	1,2	M	16368
BOT	1,2	M	14306	1,2	M	143E6	1,2	M	14306	1,2	M	14306	1,2	M	163F8	1,2	M	163F8
	3,4	M	14306	3,4	M	143E6	3,4	M	14306	3,4	M	14306	3,4	M	163F8	3,4	M	163F8
	5,6	M	14306	5,6	M	143E6	5,6	M	14306	5,6	M	14306	5,6	M	163F8	5,6	M	163F8
	7,8	M	14306	7,8	M	143E6	7,8	M	14306	7,8	M	14306	7,8	M	16368	7,8	M	16368
	9,10	M	14306	9,10	M	143E6	9,10	M	14306	9,10	M	14306	9,10	M	16368	9,10	M	16368
	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	SM	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	SM	1C/F8			
BOT	1,2,3	MB	1C/G8			
COIL			1C/G8			

APP FIG 32

RELAY

DES G	PPR0					
CODE	U168					
OPTION						
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP						
	4,5	M	1C/E7			
	1,2,3	SM	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	SM	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	SM	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

SD-25805-01-C16

E-2422-B-2(8-64)

APP FIG 35

(FOR USE WITH TABLE 1)

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 1A)

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	92C6									
	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 1B)

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	11881									
	5,6	M	101A8	5,6	M	101E9	5,6	M	11881									
	7,8	M	101A8	7,8	M	101E9	7,8	M	11881									
	9,10	M	101A8	9,10	M	101E8	9,10	M	11881									
	11,12	M	101A8	11,12	M	101E8	11,12	M										
COIL			23G3			23G3			23G3									

(FOR USE WITH TABLE 1E)

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	143B3	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	163E3									
	5,6	M	143C6	5,6	M	143F6	5,6	M	163E3									
	7,8	M	143C6	7,8	M	143F6	7,8	M	143E3									
	9,10	M	143C6	9,10	M	143F6	9,10	M	163E3									
	11,12	M	143C6	11,12	M	143F6	11,12	M										
COIL			23G3			23G3			23G3									

APP FIG 36

RELAY DESIG	PRA(-)			PRB(-)			PTT(-)											
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															
	9,10	M	27F1				11,12	M	IC/B1-B7									
	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	989,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	9G6									
	9,10	M					10,11	M	6D4									
	11,12	M	2D2															
COIL			IC/D0-D6			IC/D1-D7			988,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 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C17

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C17

E-3422-B-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	33B8	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	33G6	3,4	M	46D6											
	1,2	M	32F6	1,2	M	49C6	1,2	M	38H6											
BOT	1,2	M	3186	1,2	M	32F1	1,2	M	46A3											
	3,4	M	3186	3,4	M	32F1	3,4	M	3981											
	5,6	M	3186	5,6	M	32F1	5,6	M	53C6											
	7,8	M	3186	7,8	M	32F1	7,8	M	4608,E8											
	9,10	M	3186	9,10	M	32F1	9,10	M	30E8											
	11,12	M	30F6	11,12	M	57C6	11,12	M	38C6											
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	8384	11,12	M	59E6	11,12	M												
	9,10	M	61C4	9,10	M	6306,E6	9,10	M	7208											
	7,8	M	61C4	7,8	M	6306	7,8	M	8908											
	5,6	M	61C4	5,6	M	63C6	5,6	M	96F8											
	3,4	M	61C4	3,4	M	6386	3,4	M	8608											
	1,2	M	61C4	1,2	M	86A8	1,2	M	70E6											
BOT	1,2	M	5988	1,2	M	60E6	1,2	M	8608											
	3,4	M	5988	3,4	M	60E6	3,4	M	7101											
	5,6	M	5988	5,6	M	60E6	5,6	M	9003											
	7,8	M	5988	7,8	M	60E6	7,8	M	8731,31											
	9,10	M	5988	9,10	M	60E6	9,10	M	5984											
	11,12	M	5981	11,12	M	87C1	11,12	M	7003											
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	100C1	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	9906	1,2	M	12206											
	3,4	M	98C8	3,4	M	9906	3,4	M	10801											
	5,6	M	98C8	5,6	M	9906	5,6	M	126F3											
	7,8	M	98C8	7,8	M	9906	7,8	M	12288											
	9,10	M	98C8	9,10	M	9906	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	13606											
	5,6	M	135F3	5,6	M	135C6	5,6	M	136H6											
	3,4	M	135F3	3,4	M	13586	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	13783											
	7,8	M	135C3	7,8	M	135E3	7,8	M	137F1											
	9,10	M	135C3	9,10	M	135E3	9,10	M	13783											
	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	16488	11,12	M	139C8	11,12	M												
	9,10	M	14186	9,10	M	141F8	9,10	M	15203											
	7,8	M	14186	7,8	M	141E8	7,8	M	16006,D6											
	5,6	M	14186	5,6	M	141D8	5,6	M	16286											
	3,4	M	14186	3,4	M	141B8	3,4	M	16101											
	1,2	M	14186	1,2	M	141G8	1,2	M	15006											
BOT	1,2	M	13908	1,2	M	140F8	1,2	M	160H3											
	3,4	M	13908	3,4	M	140F8	3,4	M	151E1											
	5,6	M	13908	5,6	M	140F8	5,6	M	16908											
	7,8	M	13908	7,8	M	140F8	7,8	M	16103											
	9,10	M	13908	9,10	M	140F8	9,10	M	13983											
	11,12	M	13901	11,12	M	17608	11,12	M	15006											
COIL			2383			2383			2383											

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 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-C18

BELL TELEPHONE LABORATORIES INCORPORATED

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SD-25805-01-C18

E-3482-8-8(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			12E5			

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	19/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	M	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			730,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
TOP	8,9	M		8,9	M		8,9	M	7G1				9,10	M	4D7			
	6,7	M		6,7	M		6,7	M					7,8	M	5C2			
	4,5	M	2B7	4,5	M	4H1	4,5	M		5,6	M		5,6	M				
	1,2,3	BM		1,2,3	BM	4H7	1,2,3	MB	1F/B6	3,4	B	1E/E2	3,4	M				
BOT	1,2,3	BM		1,2	BM	1F/C8	1,2,3	BM	4F0	1,2	B	1E/E3	1,2	M	10C4			
	4,5	M		3,4,5	M	7A9	4,5	M	10C4	3,4	B	1E/E6	1,2,3	BM	4C8			
	6,7	M	6A7	6,7	M		6,7	M	6B7	5,6	M	1E/D9	4,5	M	7C9			
							8,9	M	10B4				6,7	M	3D9			
													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
	ATP1	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	2501			
	1,2	M				
BOT						
COIL			25C0			

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
		6S	988
BELL LABORATORIES	SD-23805-01-		C19

SD-23805-01-C19

APP FIG 46

RELAY

DESIG	LVP			LVPI								
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						
	1,2,3	MB	1E/H3	1,2,3	BM	4F5						
BOT				4,5	M							
				6,7	M	6D7						
				8,9	M							
COIL			1E/G3			1E/E3						

NETWORK

OPT	DESIG	LOC	CODE
	LVP	1E/G3	177C
	LVPI	1E/E3	

APP FIG 47

RELAY

DESIG	PTPI					
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/98			
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			TTPI								
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	1E/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			LTPI								
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
	LTPI	1A/B6	

APP FIG 52 (MFR DISC)

(FOR USE WITH TABLE IE)

RELAY

DESIG	PO(-)	P1(-)	P2(-)				DESIG
CODE	236B	236B	236B				CODE
OPTION							OPTION
54	158F3	173E1					54
53	17381	173E1	14138				53
52	173A1	173E1	14166				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	16308	173E1	176D9				41
40	16403	173E1	145F8				40
34	161C8	146C6	173C4				34
33	17306	141C1	173F4				33
32	17306	155E3					32
31	17306	15408	173C4				31
30	17306	15406	15303				30
24	17306	15406	17304				24
23	17306	15406	17386				23
22	17306	15406	173E8				22
21	17306	17306	17388				21
20	17306	173E1	15508				20
14	17306	17301	155C8				14
13	17316	173C1	153G3				13
12	162G1	159G3	153G3				12
11	164B1	17308	171A1				11
10	160A8	17GC6	173G5				10
04			155E3				04
03			17308				03
02			17308				02
01			17308				01
00			173C8				00
COIL	16A/G7	16A/F7	16A/C3				COIL

NETWORK

OPT	DESIG	LOC	CODE
	PO(-)	16A/G7	180A
	P1(-)	16A/F7	
	P2(-)	16A/C3	

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-		C20

SD-25805-01-

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	18/C6															
	8,9,10	BM	14G4													8,9	M	
	6,7	M	1A/C4	6,7	M	18/G6	6,7	M	2E2	6,7	M	18/G6	6,7	M	18/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	18/C4	1,2,3	MM	ES	1,2,3	MM	18/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	18/E6	1,2,3	MB		1,2,3	MB	18/E5	1,2,3	MB	18/E5	1,2,3	BM	b
	3,4	M	b	4,5,6	BM	18/E6	4,5,6	BM	21F1	4,5,6	BM	18/E5	4,5,6	BM	18/E5	4,5	M	a
	5,6	M	2E2													6,7	M	2E2
	7,8,9	BM	29F/D0													8,9	M	
	10,11	M	2487															
COIL			18/D5			18/E5			18/D6			18/E4			18/E5			18/D5
a	TABLE 1A		6208													TABLE 1A		6208
	TABLE 1B		101E1													TABLE 1B		101F1
	TABLE 1E		142H6													TABLE 1E		142H6
b	TABLE 1A		6208													TABLE 1A		9166
	TABLE 1B		101E1													TABLE 1B		127C8
	TABLE 1E		142G6													TABLE 1E		156F3

RELAY

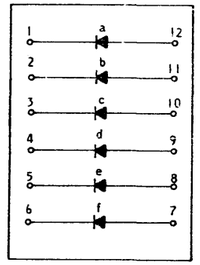
DESIG	BCA														
CODE	U538														
OPTION															
	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC	CONT NO.	CONT ARR	LOC
TOP	11,12	M	1A/B3												
	9,10	M	1A/B3												
	7,8	M	1A/B3												
	5,6	M	1A/B3												
	3,4	M													
	1,2	B	304												
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			18/C4												

NETWORK

OPT	DESIG	LOC	CODE
	MAGT	18/E5	177C
	MPB	18/E4	
	MPS	18/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 988

MASTER TEST FRAME CONNECTOR CXT (2)

SD-25805-01-C21

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-C21

E-7422-8-1(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			10786			150D6					44
43	70F3			10786			150D6					43
42	70F3			10786			150D6					42
41	70F3			10786			150D6					41
40	70F3			10786			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			11584			167H6					14
13	67D3			10486			167F6					13
12	68B3			10504			167F6					12
11	68G1			105C4			167F6					11
10	68F1			10584			139C3					10
04	85F8			121E3			166F3					04
03	82C6			11881			166D3					03
02	82C6			11881			166D3					02
01	82C6			11881			166D3					01
00	82C6			11881			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	3G7						
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	E0(-)			E0(-)			E0(-)			E0(-)			DESIG
CODE	286B			286B			286B			286B			CODE
OPTION													OPTION
54													54
53	56G6			75A6			11108			154D3			53
52													52
51													51
50	41H3			72G6			109C6			155B3			50
44	57C1			95D3			13261			175D3			44
43													43
42													42
41													41
40													40
34	57A4												34
33													33
32													32
31													31
30													30
24													24
23	42B6												23
22	42B6												22
21	42B6												21
20	42B6												20
14													14
13	42C6												13
12	42C6												12
11	42C6												11
10	42C6												10
04	42C6												04
03	42C6												03
02													02
01													01
00	4686			81D3			11781			160F8			00
COIL	168/C3			168/C3			168/C3			168/C3			COIL

NETWORK

OPT	DESIG	LOC	CODE
	E0(-)	168/C3	180A

SD-25805-01-C22

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 102A

BELL LABORATORIES | SD-25805-01- | C22

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 DESIG	TABLE I		TABLE IA		TABLE IB		TABLE ID		TABLE IE				DESIG
	VO	VI	VO	VI	VO	VI	VO	VI	VO	VI			
CODE	286H	286H	286H	286H	286H	286H	286H	286H	286H	286H			CODE
OPTION													OPTION
54		5488		78F1		12881		137C3		157C3			54
53	57H3	40F3	85G6	85C1	121G1	120F3	137D6	136C8	14183	16486			53
52	56F1		89G1		131A3		13786		15606				52
51	5786		62E1		10006		137E6		142F3				51
50	5783		75F8		11201		13706		16203				50
44	4506		82E6		11801		135E8		150F1				44
43	4506		6008		9906		135E8		150F1				43
42	4506		89E1		12501		135E8		150F1				42
41	4506		75C8		11281		135E8		150F1				41
40	4506	3306	68H3	87C8	10586	123F6	135E8	13703	150F1	17204			40
34	44H6	33C6	75F6	75G1	11231	11106	13588	13703	147E8	17204			34
33	44E6	33C6	8406	81E6	12081	117H1	13686	13703	15906	17204			33
32	50E3	3306	87D3	7986	123E1	115E4	135A8	13703	147F6	17204			32
31	50D3	33C6	87E3	61H1	123F1	9968	136E3	13703	15808	17204			31
30	4506	33C6	6803	80F3	10586	11601	137F6	13703	14906	17204			30
24	45F6		80A8		11604		137F6		14906				24
23	45F6	51F6	6706	94F3	10406	131A1	137F6	137C1	14906	174F3			23
22	45F6		89C6		12506		137F6		14906				22
21	45F6	33F3	8183	95F3	11683	132A3	137F6	135F8	14906	17588			21
20	45F6		8106		11701		137F6		14906				20
14	55E1	3008	92H1	5904	12886	98D4	137F3	13583	171F6	139A3			14
13	55E1	3006	92H1	59A1	12386	98A1	137F3	135A3	171F6	139C1			13
12	55E1		92H1		12886		137F3		171F6				12
11	55E1		92H1		12886		137F3		171F6				11
10	55E1	52E3	92F1	9688	12863	134C6	137F3	137E1	17106	17488			10
04	39E1	52G6	71G1	70F1	10861	107G1	136E8	137G1	15183	172F6			04
03	39E1	48F6	71G1	70G1	10861	10784	136E8	13688	15183	17288			03
02	39E1		71G1		10861		136E8		15183				02
01	39E1		71G1		10861		136E8		15183				01
00	39E1		71G1		10861		136E8		15183				00
COIL	29G/A8	29G/B8	29G/A8	29G/B8	29G/A8	29G/B8	29G/A8	29G/B8	29G/A8	29G/B8			COIL

NETWORK

OPT	DESIG	LOC	CODE
	VO	29G/A8	180A
	VI	29G/B8	180A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 9BB

BELL LABORATORIES | SD-25805-01- | C23

SD-25805-01-C23

PART OF APP FIG 61

FOR TABLE I

RELAY DESIG	V2	V3	V4	V5	V6	V7	V8	V9	DESIG
CODE	286H	286H	286H	286H	286H	286H	286H	286H	CODE
OPTION									OPTION
54	36D6	44J8		50F6	55C1		38C3	51E1	54
53	36D6	44C3		50F6	55C1		38C3		53
52	36D6		45E3	50F6	55C1		38C3	5283	52
51	36D6	3688	45E3	50F6	55C1	32C8	38C3		51
50	3606		45E3	50F6	55C1	32C8	38C3		50
44	36E1	40F6	53F8	50F6	55C1	4283	38C1	3803	44
43	36E1		53F8	50F6	55C1	4283	38C1	4166	43
42	36E1		53F8	50F6	55C1	42G1	50C6	55C8	42
41	36E1		53F8	50F6	55C1	42G1	49F3	30D8	41
40	36E1		45C3	50F6	55C1	42G1	39C6	4166	40
34	35E1	40F3	45C3	3986		34C6	3581		34
33	35E1	40E3	45G1	39G3		34C6	3281		33
32	35E1	40E3	45G1	39G3	37E8	34C6	32F3		32
31	35E1	40E3	45G1	39G3	37E8	34C6	4786		31
30	35E1	40E3	45G1	39G3	37E8	34C6	3588		30
24	32H6	40C1	5586	39G3	38A3	51C6		44E3	24
23	32H6	40C1	55E3	39E3	38A3	51C6	4008	4986	23
22	32H6	40C1	55E3	39E3	38A3	51C6	4568	49H3	22
21	32H6	40C1	55E3	39E3	38A3	51C6	3383		21
20	32H6	40C1	55C3	39E3	38A3	51C6	46C1		20
14	32H1	38H8	55C3	44B1	55D6	3781	46H6		14
13	32H1	38E8	3708	44B1	55D6	36G8	3681		13
12	32H1	38E8	3708	44B1	55D6	55H1	4688	51C1	12
11	32H1	38E8	37D8	43H8	55D6	55H1	35F8	4781	11
10	32H1	38E8	3708	43H8	55D6	55H1	4508	36H3	10
04	31A6	38F3	38F1	43H8	39F1	34F8	4288		04
03	31A6	38F3	38F1	43H8	39F1	34F8	48F1		03
02	31A6	38F3	38F1	43F8	39F1	34F8	53E3		02
01	31A6	38F3	38F1	43C8	39F1	34F8	47C8		01
00	31A6	38F3	38D1	43C8	39F1	34F8	33C3	a	00
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8	COIL

a 41H3, 4686

FOR TABLE IA

RELAY DESIG	V2	V3	V4	V5	V6	V7	V8	V9	DESIG
CODE	286H	286H	286H	286H	286H	286H	286H	286H	CODE
OPTION									OPTION
54	67F6	79C3		86D6	91F8		59G6	93E5	54
53	67F6	79D8		86D6	91F8		63D1		53
52	67F6		9088	86D6	91F8		65C1	85E4	52
51	67F6	8976	9088	8606	91F8	83E1	85E6		51
50	67F6		9088	86D6	91F8	83D1	60C8		50
44	6793	7463	9066	86H3	9108	77C1	92A1	7DA3	44
43	6793		9066	86H3	9108	77C1	7086	59D1	43
42	6793		9066	86H3	9108	77A1	92D4	94A1	42
41	6793		9066	86H3	9108	77A1	72C1	91C3	41
40	6733		90E6	86H3	9108	77A1	8108	8544	40
34	65A8	74B3	90C6	72D3		64C6	81E8		34
33	6566	74F1	90E3	72D3		6446	8108		33
32	6566	74F1	90E3	72D3	69E8	6446	92C6		32
31	6566	74F1	90E3	72D3	69E8	64C6	92F4		31
30	6566	74F1	90E3	72D3	69E8	6446	92F4		30
24	61D4	73E1	92C8	72G1	93A1	83E3		8283	24
23	6104	73C1	9288	72G1	92F8	83D3	71E8	8706	23
22	6104	73C1	9288	72G1	92F8	83D3	71D8	87F6	22
21	6104	73C1	92F6	72G1	92F8	83C3	71C8		21
20	6104	73C1	92E6	72G1	92F8	8383	71H6		20
14	60E6	71B1	92E6	7386	71A3	83G1	71E6		14
13	60E6	70F8	69G1	7886	71A3	83G1	71C6		13
12	60E6	70F8	69G1	7886	71A3	65C6	71C6	77F8	12
11	60E6	70F8	69G1	7886	71A3	65C6	71H3	78F6	11
10	60E6	70F8	69G1	7886	71A3	65C6	71E3	7003	10
04	5988	7003	69C8	7863	9244	6281	8381		04
03	5988	7003	69C8	7863	9244	6281	89C3		03
02	5988	7003	69C8	73E3	9244	65E1	96A3		02
01	5988	7003	69C8	79C3	9244	65C1	86F3		01
00	5988	7003	69C8	73C3	9244	65A1	9506	a	00
COIL	29G/C3	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8	COIL

a 70D8, 8600

FOR TABLE IB

RELAY DESIG	V2	V3	V4	V5	V6	V7	V8	V9	DESIG
CODE	286H	286H	286H	286H	286H	286H	286H	286H	CODE
OPTION									OPTION
54	10488	115F1		12283	128E1		9906	130D6	54
53	10488	114H6		12283	128E1		101C4		53
52	10488		12781	12283	128E1		10183	120C8	52
51	10488	125E6	12781	12283	128E1	11364	1210I		51
50	10488		12731	12283	128E1	118F4	11686		50
44	104F3	11088	125E8	122D1	12801	11341	128F1	107C4	44
43	104F3		126E8	122D1	128D1	113A1	10706	98E1	43
42	104F3		126E8	12201	129D1	112F8	128F6	13086	42
41	104F3		126E8	122D1	128D1	112F8	108F8	12763	41
40	104F3		126C8	122D1	12801	112F8	11786	129E6	40
34	10334	110C6	12666	109G1		102F4	117F4		34
33	10361	110C6	12606	109G1		102E4	117F4		33
32	10761	110C6	12606	109G1	106F8	102E4	12308		32
31	10361	110C6	12606	109G1	106F8	102F4	128C8		31
30	10361	110C6	12606	109G1	106F8	102E4	12866		30
24	100C1	109C8	12983	109D1	129F3	11888		117D8	24
23	100C1	109C8	129F1	109D1	129E3	118H6	10808	123F3	23
22	100C1	109C8	129F1	109D1	129E3	11806	108C8	123A6	22
21	100C1	109C8	12901	109D1	129E3	118F6	108C8		21
20	100C1	109C8	12981	109D1	129E3	118E6	10866		20
14	99C6	10881	12941	11486	10884	11806	108F6		14
13	99C6	10768	106F1	11486	10884	113C6	10806		13
12	99C6	10768	106F1	11485	10884	10268	10886	11309	12
11	99C6	10768	106F1	11486	10894	10268	108F4	114C6	11
10	99C6	10768	106F1	11486	10884	10268	10804	107C6	10
04	9888	10764	10683	11404	12806	10206	11804		04
03	9888	10764	10688	11404	12906	10206	125A3		03
02	9888	10764	10688	114E4	12806	102C9	133C6		02
01	9888	10764	10648	11404	12806	102C8	121E8		01
00	9888	10764	10683	11404	12906	102C8	132F6	a	00
COIL	29G/C8	29G/C8	29G/C8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8	COIL

a 107E8, 121C5

FOR TABLE ID

RELAY DESIG	V2	V3	V4	V5	V6	V7	V8	V9	DESIG
CODE	286H	286H	286H	286H	286H	286H	286H	286H	CODE
OPTION									OPTION
54	135C8	136D3		13603	13703		136E8	13781	54
53	135C8	13683		13603	13703		136E8		53
52	135C8			13608	13703		136E8	13701	52
51	135C8	1360B		13608	13703	13503	136E3		51
50	135C8			13603	13703	13503	136E8		50
44	13566	136F1		13608	13703	136G1	136E8	136G1	44
43	13566			13603	13703	136G1	136E8	13681	43
42	13566			13603	13703	13661	136H1	13786	42
41	13566			13608	13703	136G1	136G1	136F1	41
40	13564			13608	13703	13661	136C3	136E1	40
34	135E6	136E1	136E3	136C1		13506	13683		34
33	135E6	136E1	136E3	136C1		13506	136F6		33
32	135E6	136E1	136E3	136C1	13706	13506	136F6		32
31	135E6	136E1	136E3	136C1	13706	13506	13588		31
30	135E6	136E1	136E3	136C1	13706	13506	13603		30
24	135E3	13601	13703	136C1	13781	136A3		136C8	24
23	135E3	13601	137F3	136C1	13731	136A3	13508	136C6	23
22	135E3	13601	137F3	136C1	13781	136A3	135C8		22
21	135E3	13601	137F3	136C1	13781	136A3	135C8		21
20	135E3	13601	137F3	136C1	13781	136A3	13601		20
14	13503	13681	137F3	137C1	137E1	137F6	13608		14
13	13503	136A1	137F6	137C1	137E1	137F8	13681		13
12	13503	136A1	137F6	137C1	137E1	135H6	13666	137A1	12
11	13503	136A1	137F6	137C1	137E1	135H6	13668	135F6	11
10	13503	136A1	137F6	137C1	137E1	135H6	13586	13608	10
04	135C3	135F8	13508	137C1	137F1	135H6	13603		04
03	135C3	135F8	13508	137C1	137F1	135H6	13503		03
02	135C3	135F3	13508	137C1	137F1	135H6	13783		02
01	135C3	135F8	13508	137C1	137F1	135H6	13701		01
00	135C3	135F8	13509	137C1	137F1	135H6	13586	135F3	00
COIL	29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8	COIL

MASTER TEST FRAME CONNECTOR CXT

DWG SIZE 4S | ISSUE 988

BELL LABORATORIES | SD-25805-01- | C24

SD-25805-01-C24

FOR TABLE IE

RELAY DESIG			V2	V3	V4	V5	V6	V7	V8	V9			DESIG
CODE			286H	286H	286H	286H	286H	286H	286H	286H			CODE
OPTION													OPTION
54			14881	153C6		166F1	17183		165F3	167E1			54
53			14891	15881		166F1	17183		165F3				53
52			14881		157D6	166F1	17183		165F3	164E8			52
51			14881	16983	157D6	166F1	17183	16206	165F3				51
50			14881		157F6	166F1	17183	16206	165F3				50
44			147E3	153G6	157D6	166D1	17183	156C3	14581	150F3			44
43			147E3	-	157D6	166D1	17183	156C3	16103	139E1			43
42			147E3		157D6	166D1	17183	15683	164F1	17481			42
41			147E3		157D6	166D1	17183	15683	164E1	17006			41
40			147E3		157B6	166D1	17183	15683	1a7C4	164C8			40
34			146G1	15396	157H3	151E3		144F1	14203				34
33			146F1	15386	157H3	151E6		14401	14203				33
32			146F1	15386	157D3	151E3	150H1	14401	14283				32
31			146F1	15386	157E3	151E8	150H1	144F1	16483				31
30			146F1	15386	157E3	151E3	150H1	14401	16401				30
24			141C6	15286	172C4	151A8	172H4	15901		173H4			24
23			141C6	15286	17284	151A8	172F4	15901	144C8	168E3			23
22			141C6	15286	17284	151A8	172F4	15901	14488	168F3			22
21			141C6	15286	172G1	151A8	172F4	15901	14448				21
20			141C6	15286	172E1	151A8	172F4	15901	14406				20
14			140E8	151C1	172E1	151E8	15103	162E6	144F6				14
13			140E8	151B1	14906	151E8	15103	162E6	144F6				13
12			140E8	15181	14906	151E3	15103	14706	144E6	17681			12
11			140E8	151B1	14906	151E3	15103	14706	14406	15808			11
10			140E8	15191	14906	151E8	15103	14706	14406	141F3			10
04			139E8	15086	150E1	151H6	17106	14756	16503				04
03			139E8	15086	150E1	151H6	17106	14756	16501				03
02			139E8	15086	150E1	151H6	17106	14706	17406				02
01			139E8	15086	150E1	151H6	17106	14706	17436				01
00			139E8	15086	150E1	151H6	17106	14706	176H3	a			00
COIL			29G/C8	29G/C8	29G/D8	29G/E8	29G/E8	29G/F8	29G/F8	29G/G8			COIL

a 14681
150E8

PART OF APP FIG 61

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 DESIG	MTD/W (TAA1) TAA0		MTD/W (TAA0) TAA1		MTD/W (TAP2) TAA2				MTD/W (TAP1) TAP0		MTD/W (TAP0) TAP1		MTD/W (TAA2) 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	
12			EBM		EBM						EBM	1B/G1					
11			EBM	2F4	EBM	2F4					EBM						
10			EBM	1308	EBM	1308					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	1308							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	
	TAP0	1A/D2	185A
	TAP(1,2)	1A/D1	

DIODE

OPT	DESIG	LOC	CODE
	CD(0-2)	13E6	
	CDA(0-2)	1307	533F
	CDB(0-2)	13F6	
	CDC(0-2)	13F7	

SD-25805-01-C25

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 99B

BELL LABORATORIES | SD-25805-01- | C25

APP FIG 64

RELAY

DESIG	TSTS					
CODE	AF48					
OPTION						
	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		3H6				

NETWORK

OPT	DESIG	LOC	CODE
	TSTS	3H6	185A

APP FIG 66

RELAY

(FOR USE WITH TABLE I)

DESIG	AB0		AB1		AB2		AB3		AB4		AB5		AB6		AB7		AB8				DESIG
CODE	AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23		AF23				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	EM		EM		EM		EM		EM		EM		EM		EM		EM				12
11	M		M		M		M		M		M		M		M		M				11
10	M	42C5	M	42C5	M	42C5	M	42C5	M	42C5	M	42C5	M	42B5	M	42B5	M	42B5			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		M		M		M		M		M		M		M		M				3
2	M	42B5	M		M		M		M		M		M		M		M				2
1	M		M		M		M		M		M		M		M		M				1
COIL		2083		2083		2083		2083		2083		2083		2083		2083		2083			COIL

SD-25805-01-C26

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 102A
BELL LABORATORIES	SD-25805-01-		C26

E-7481 (6-75) 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	286P	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	73E8	68E3	8086	80C6	88E3	88F3	75G1	61D6	65E6	67G3	74A6	84A8	68E8	68F8	8781		83F6 54
53	7308	81E3	8086	80C6	88E3	88F3	96D1	61D6	9281	60G1	74A6	84G1	68E8	68F8	86F8		72B8 53
52	73C8	85G4	8086	80C6	88E3	88F3	96C1	89F1	72D6	85A1	74A6	79C6	68E8	68F8	86E8		86F6 52
51	7308	67G3	8086	80C6	88E3	88F3	86E3	75C8	81C6	59G6	74A6	86F6	68E8	68F8	86C8		89E8 51
50	73E6	82A6	8086	80C6	88E3	88F3	95B6	87C8	89C6	80B8	74A6	a	68E8	68F8	8698		59D1 50
44	73B3	73G3	88F8	81C3	88C3	88E3	95B8	95C3	31E6	81B3	73F1	74C3	6898	6808	67C8		80G8 44
43	73B3	73G3	88C8	8008	88C3	88E3	96F6	94A3	83A6	67B6	73F1	74C3	6888	6808	77F3		80E8 43
42	73B3	73G3	8808	8066	88C3	88E3	94D1	96A1	70H3	74E1	73F1	74C3	6866	68C8	81A3		81B1 42
41	73B3	73G3	8886	80E6	88B3	88E3	96E6	61D6	6301	96G1	73F1	74C3	6866	68C8	7686		88C6 41
40	73B3	73G3	88F6	7306	88B3	8803	96E3	61D6	70A6	63C1	73F1	74C3	6866	63C8			81F1 40
34	6881	91C6	62F4	6306	87G1	62E8	95E6	96C6	91E8	91G8	70F3	71C1	88F1	94C1	64E6	6488	34
33	7048	74C6	6204	62F6	87G1	82C3	96G3	96C8	91E8	91G8	70F3	71C1	88F1	60C4	64E6	64G6	33
32	7086	76G6	6284	6206	87F1	8588	94D8	81C6	91E8	91G8	70F3	71C1	88F1	86A1	64E6	64C6	32
31	65E1	65F3	62H1	6286	87F1	68D3	95E1	95C8	91E8	91G8	70F3	71C1	88F1	68G1	64E6	64G6	31
30	6501	70C8	62F1	6264	87E1	87A3	9566	93F1	91E8	91G8	70F3	71C1	88E1	68E1	64E6	64G6	30
24	92E8	6581	8601	6248	78F1	72E8	95C6	61D6	8606	8606	67C3	67G6	9248	76A3	66G3	80F1	24
23	92E8	65G1	82E8	87E3	79A1	93C8	9501	95E1	86A6	8606	67C3	67G6	9248	6506	6603	80F1	23
22	92E8	65G1	8208	62F8	79B1	83C6	95C1	9406	86A6	8606	67C3	67G6	92F6	7201	66F3	80E1	22
21	92E8	69A6	82C8	7008	63F4	63E4	9406	95E3	86A6	8606	67C3	67G6	9206	67F3	66F3	80E1	21
20	92E8	72B6	66E8	75G3	63F4	8488	9486	9593	8606	8606	67C3	67G6	9206	67E8	66F3	80C1	20
14	6908	9381	90C8	90F8	85F6	87F8	94G3	77E3	72A3	7203	61D4	65C8	69A8	9208	63A4	79F8	14
13	6908	69F3	90C8	90F8	85E6	81C8	6004	9606	72A3	7203	61D4	65C8	69A8	69F1	63F1	79E8	13
12	6908	69D3	9088	90F8	80E3	78F8	8206	95F8	72A3	7203	61D4	65C8	69A8	69F1	6361	79D8	12
11	6908	69C3	9088	90F8	9563	77C6		9403	72A3	7203	61D4	65C8	69A8	69F1	63F1	79C8	11
10	6908	69A3	9088	90E8	84C6	83E6	94E3	9603	72A3	7203	61D4	65C8	6948	69F1	63F1	79A8	10
04	71B3	9284	9086	90F6	89A3	63E6	9561	9406	87C8	66F6	60A1	60G6	71F1	9261	7681	87D3	04
03	71B3	9284	9063	90F6	6661	8381		9488	88C1	90A3	60A1	60G6	71F1	9261	66H3	82E6	03
02	71B3	9284	9063	90F6	66E1	74C1	9508	9403	8509	78A3	59F8	60G6	71F1	9261	63C4	60C8	02
01	71B3	9284	9063	90F6	8306	7508	9608	94F3	73A1	79F8	59E8	60G6	71F1	9261	7861	85E8	01
00	71B3	9284	9063	9006	7688	82A8	94F6	94E8	8536	8308	5908	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	736B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	74G3	78G6	60E8	92E1	60F1	89G1	71C3	80E3	87D3	75F6	79E1	89G3	5904	85C1	8106	7208	54
53	74F3	81G1	60E8	92E1	77C8	76C3	69C6	78H1	79C6	8188	77F3	8986	8483	79E1	8881	88G1	53
52	74F3	81C1	60E8	92E1	64E3	66C6	69C6	90C1	61G1	86E1	60A4	89A6	6608	75C6	77C3	78E8	52
51	74F3	81A6	60E8	92E1	89F3	76G1	69C6	85C6	80G3	81C6	66D1	77D1	86C1	8206	87D1	79E3	51
50	73F3	a	60E8	92E1	6508	60G1	69C6	7583	8906	9881	69G3	60F1	61C8	59C6	8581	86F1	50
44	73D1	74A3	6006	91F3	86F3	64F8	70C1	70G1	81F6	6803	8203	81H6	70E6	78E3	7788	6706	44
43	73C1	74F1	60A6	91F3	81F6	60E1	70B1	70E1	76E8	68F3	82H1	90H1	70E6	79D3	81C8	80A1	43
42	73C1	74F1	6006	91F3	5906	7906	7081	7001	90E1		82G1	66C3	70E6	8661	9101	83C8	42
41	73C1	74F1	6004	91F3	59F4	79F6	7091	7001	83C8		82F1	76C8	70E6	86F1	9101	7601	41
40	73C1	74F1	6064	91F3	66A6	83E6	7081	7001	90C3	72C6	82F1	82B3	8508	70F6	69F3	91E1	40
34	70D3	71A1	63E4	72F3	67C1	79A6	8683	81G3	6526	59C4	8281	82E1	6406	80D3	66C3	84F8	34
33	70D3	70E8	89E8	72F3	85C8	79G3	60F8	62D1	6526	59C1	81F8	82E1	6486	80B1	8581	84F8	33
32	70D3	70E8	87H6	72F3	8788	61A6	6801	64F3	6506	8701	91E8	8201	6486	83C1	60C4	84F8	32
31	7003	70E8	87G6	72F3	8788	61G4	89E3	87E8	6506	77F1	81D8	82C1	6406	7808	87H3	84F8	31
30	7003	70E8	87E6	72F3	8101	61F4	67E1	8803	8536	65F6	84E6	8281	6386	79C3	7736.86	84F8	30
24	67A3	67F6	7603	91C3	9186	80C3	71F6	7281	6406	6406	8403	8486	8303	77C1	9083	84F8	24
23	67A3	67F6	76H3	7083	85F4	80C3	71D6	71F8	6406	6406	84F3	8486	8303	77C1	9061	84F8	23
22	67A3	67F6	8808	76E3	69E1	82H6	7136	7108	6406	6406	84E3	8486	83F3	7791	8263	84F8	22
21	67A3	67F6	8806	59E6	69E1	59F1	7103	7138	6406	6406	84E3	8486	83F3	7781	9081	84F8	21
20	67A3	67F6	6304	9481	69E1	6803	71E3	7106	6406	6406	8403	8486	83F3	7731	7901	84F8	20
14	6184	6588	8043	7943	6901	6606	9486	9206	6406	6406	78A8	71E1	8361	83E3	7588	76A1	14
13	6184	6506	8043	79F1	6901	75F1	8303	9286	6406	6406	6281	79C1	83F1	8303	7063	77A8	13
12	6184	6506	8043	83E8	6901	75F1	8363	9206	6406	6406	6281	7906	83E1	83C3	8148	7706	12
11	6184	6506	8043	9081	6901	75F1	9306	9286	6406	6406	6788	7388	8701	8383	8063	8586	11
10	6184	6506	8001	87C6	6901	9348	9306	9206	6406	6406	6748	7726	3506	8343	6381	8586	10
04	5988	60E6	8308	8386	69C1	9308	9363	9186	6406	6406	7503	6643	67E3	80C8	9103	90A1	04
03	5988	60E6	6006	6406	6941	6841	9303	9306	6406	6406	3504	7568	7906	7006	9063	90A1	03
02	5988	60E6	9183	85E1	69F6	61F4	9361	9303	6406	6406	9363	8501	6708	6906	9106	90A1	02
01	5988	60E6	6141	85F1	69E6	6081	9361	9301	6406	6406	89F6	9101	71F1	6403	6045	90A1	01
00	5988	60E6	77E3	64E3	6843	6001	9301	9303	6406	6406	8988	6346	7801	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

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BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C32

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	2868	2868	2868	2868	2868	2868	2868	2858	2858	2868	2868	2868	2868	2868	2868	2868	CODE
OPTION																	OPTION
54	87D8	87D8	153F1	148F6	15988	160C1	16881	168C1	154D1	14206	146C1	14708	153A8	154E3	149E1	149F1	54
53	87D8	8709	153E1	161A1	15988	160A1	16881	168C1	176C1	15383	171C3	14086	15348	163E3	149E1	149F1	53
52	87D8	8708	153D1	165A1	15906	159E8	16881	168C1	17631	16886	152F1	164A6	15348	158E8	149E1	149F1	52
51	87D8	8708	153C1	147F6	15906	159E8	16881	168C1	165E8	15486	16183	13908	15348	165A3	149E1	149F1	51
50	87D8	8708	153A1	162C1	159F6	159C8	16881	168C1	175B6	167E4	169E1	16043	15348	156F1	149E1	149F1	50
44	74A1	77F6	152D6	152E6	154F6	160E8	16708	168A1		176F1	161D3	16008	152C6	153C6	149C1	1490I	44
43	74A1	77H6	152D6	152E6	168C3	160C3	16708	168A1	17633		16288	14708	152C6	153C6	149C1	1490I	43
42	74A1	76E1	152D6	152E6	168C3	160G1	16708	168A1	174D1		150E6	15303	152C6	153C6	14981	149D1	42
41	74A1	7403	152D6	152E6	16883	160D1	16708	16841	17383	176C8	142F8	176F1	152C6	153C6	14981	149D1	41
40	73G8	74B1	152D6	152E6	16883	152E8	16708	16708	176C3	15103	150E6	142E8	152C6	153C6	14931	149D1	40
34	65A3	7706	148C3	17181	142D6	142E6	16606	14288	175C6	17606	171E3	171F3	150C6	151D1	16748	175G6	34
33	75E6	77E6	15008	155C8	142D6	142E6	16606	16148	17603	17606	171E3	171F3	150C6	151D1	16706	140E6	33
32	75D6	77E6	150E6	155G6	142D6	142E6	16606	16583	174E8	16101	171E3	171F3	150C6	151D1	167E6	157C8	32
31	64F8	6583	145E1	149B6	142D6	142E6	16606	148E6	17601	17580	171E3	171F3	150C6	151D1	167E6	148C6	31
30	64E8	6583	14501	150E8	142D6	142E6	16636	168F5	175E6	174F1	171E3	171F3	150C6	151D1	167E6	148G3	30
24	88C6	65C3	172E4	14581	155G3		157C3	152E3	174D3	16286	16681	16601	147F3	148C1	17204	155C1	24
23	8886	65C3	172E4	145C3	162E3	16608	158F1	17208	175E1	17561	16681	16601	147F3	148C1	17204	146A1	23
22	84H6	89F3	172E4	14583	162D3	142C8	15861	16288	17501	17488	16681	16601	147F3	148C1	172G1	151E6	22
21	7883	77C8	172E4	149E8	162C3	150F8		169F8	17406	175E3	16681	16601	147F3	148C1	172E1	148A3	21
20	7883	91H3	172E4	152D1	14781	15483		164E3	17436	175C3	16681	16601	147F3	148C1	172E1	148G1	20
14	8981	65C6	150F1	172F4	170F1	170G1	16583	167H4	174G3	157E1	151F6	151C8	14106	14683	150D1	172C4	14
13	8981	65C6	150F1	149C8	170F1	170G1	165G1	16186		176E6	151F6	151C8	14106	14683	150D1	14986	13
12	76E6	65C6	150F1	149A8	170F1	170G1	159C6			175E8	151F6	151C8	14106	14683	150D1	14986	12
11	81D1	65C6	150F1	149F6	170F1	170G1	175G3	156C9			151F6	151C8	14106	14683	150D1	14986	11
10	61E8	65C6	150F1	149D6	170F1	170G1	16388	162C8	174E3		151F6	151C8	14106	14683	150D1	14986	10
04	76H1	65F3	151C3	171F6	170D1	170E1	16888	143E3			16903	14688	140E1	141A1	151A3	171E6	04
03	80B8	65F3	151C3	171F6	17081	170E1	14686	162F3		175F6	167C6	16988	140E1	141A1	151A3	171E6	03
02	76F1	65F3	151C3	171F6	17081	170E1	14663	153E3		175C8	165E3	157E3	140C1	141A1	151A3	171E6	02
01		65F3	151C3	171F6	17081	170E1	162E8	154C6		174F3	152F3	158E1	140C1	141A1	151A3	171E6	01
00	59F1	65F3	151C3	171F6	17081	170E1	15588	162A3	174C6		16591	163C1	14081	1413I	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	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	CODE
OPTION																	OPTION
54	166E3	162D8	153F6	157C8	14IG1	17186	140F3		151D3	15906	166C8	154G3	158E3	16981	13963	164C6	54
53	166E3	152C3	153F6	160G6	14IG1	17186	157D1		15081	157E3	158C8	161A6	15626	16901	163F3	157B3	53
52	166E3	166C3	153F6	160C6	14IG1	17186	144C1		15081	16936	141F3	16586	140C6	169C1	14781	15403	52
51	166E3	169F3	153F6	161F1	141F1	17186	169A1	155D1	15091	165F1	15906	161A3	146E3	156E3	169E6	16201	51
50	166C3	139F1	153F6	15681	141F1	17186	146C3	14086	150A1	154E1	169F1	16706	14908	156E6	14281	13906	50
44	148F1	160F3	152A6	153A6	140H6	17088	166A1	14581	15083	15003	161E3	14848	161E6	161G3	150A8	158C1	44
43	156D6	160E3	152A6	153A6	140H6	17088		14083	15083	15003	156F1	14806	161E6	169A8	150A8	158B6	43
42	160C8	160B6	152A6	153A6	140H6	17088	139E6	159C1	15083	15003	169F6		161E6	14606	150A8	16506	42
41	155H3	168A6	152A6	153A6	14006	17088	139F3	159C1	15083	15003	163D1		161E6	15508	150A8	165C6	41
40		160F6	152A6	153A6	14006	17088	14606	16208	15083	15003	169C8	152E1	161E6	161F6	165E3	150C8	40
34	144G1	144G3	150A6	151C1	143C3	152C1	147F1	158A8	16586	161E1	14508	16906	161D6	16106	144E1	15986	34
33	144G1	144F3	150A6	151A1	169F3	152C1	16503	15806	141D3	142E3	14588	13901	161D6	16106	14401	159E1	33
32	144G1	144E3	150A6	151A1	16784	152C1	16704	14196	148E3	144C1	145F6	166F3	161D6	16106	144D1	139A1	32
31	144G1	144D3	150A6	151A1	16784	152C1	167C4	141F6	16808	16704	14506	156E3	161C6	161D6	144E1	158A1	31
30	144G1	14483	150A6	151A1	16761	152C1	160E6	141F6	14783	165C8	145C6	14601	163C8	161D6	14401	15886	30
24	142C8	159F1	14703	148A1	155F3	17066	17008	159A3	151E3	151F3	14486	14486	163A8	163F6	16206	15683	24
23	142C8	159F1	147D3	148A1	155G3	150E3	164F8	159A3	151E3	151F3	14486	14486	163A8	163E6	16206	15683	23
22	142C8	159F1	147D3	148A1	168C3	16448	149C3	162F1	151E3	151F3	14486	14486	163A8	163E6	162F6	156A3	22
21	142C8	159F1	147D3	148A1	168C3	139C8	149C3	139G1	151E3	151F3	14486	14486	163A8	163D6	162F6	156A3	21
20	142C8	159F1	147D3	148A1	14383	174A1	149C3	148E6	151E3	151F3	14486	14486	163A8	163C6	162F6	156A3	20
14	143G1	159C1	14186	146G1	159G1	158A6	149A3	14683	171F6	172C1	14486	14486	157E8	151F1	139A6	13998	14
13	143F1	159C1	14186	146E1	159G1	158G3	149A3	15401	168F3	17281	14486	14486	142C3	158A3	139E3	13988	13
12	143E1	159C1	14186	146E1	159G1	163G1	149A3	154C1	168E3	171E8	14486	14486	142A3	140F3	139G1	139F6	12
11	143C1	159C1	14186	146E1	159G1	169A6	149A3	15481	17206	171C8	14484	14486	148E1	157F8	13981	139E6	11
10	143B1	159C1	14186	146E1	159G1	167E1	149A3	17208	17206	17128	14486	14486	148E1	156E8	135F1	139E6	10
04	14006	166C8	13908	140F8	163E1	16288	149G1	173C6	17736	17286	14486	14486	154G1	14686	14786	160C3	04
03	146F6	162E1	13908	140F8	140E8	144G1	149G1	14883	17286	17296	14486	14486	164C8	15406	15981	150F6	03
02	143A3	141E1	13908	140F8	170E6	164E6	150C1	141E6	17286	17286	14486	14486	17388	16406	14861	14008	02
01	157D3	140F6	13908	140F8	14103	164F6	150C1	140F1	17236	17296	14486	14486	169A3	17064	151G1	144A1	01
00	164G6	158G1	13908	140F8	156C6	144B1	14806	14043	17286	17396	14486	14486	169C3	14303	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				T0(-)	T1(-)	T2(-)	T3(-)										DESIG
CODE				236B	236B	236B	236B										CODE
OPTION																	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	15731										43
42				170B6	163D1	153B3	15408										42
41				170A6	154C8	153B3	153D6										41
40				149D8	170D6	153A3	153C3										40
34				146C6	164G3	14503	15741										34
33				16486	164G3	154F3	156E8										33
32				140D6	164G3	154E3	15608										32
31				167C1	164G3	144E8	145E3										31
30				15639	164G3	144D8	145E3										30
24				169C8	164G3	168G3	145F3										24
23				169H6	164G3	168G3	145F3										23
22				161E8	164G3	164D1	16931										22
21				169C6	164G3	157H6	157D1										21
20				158D3	164G3	157H6	17008										20
14				154D6	154E6	168C6	145E8										14
13				150F3	157C1	168C6	145E8										13
12				161G3	15608		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																	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 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C34

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C34

PART OF APP FIG 151

(FOR USE WITH TABLE IA)

RELAY 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	8086	8006	68E3	88B3	68F8	68G8		71D3	77F3	76D9	59G3	77C3		87D8	54
53	73D8	81E3	8086	8006	8288	88B3	68F8	68G8		69C6			73D3	88C1		87D8	53
52	73C8	85H6	8086	8006	89B3	62E8	68F8	68G8		69C6	66D1	91C1	8504	77C3		87D8	52
51	73B8	67G3	8086	8006	8564	82C3	68F8	68G8		69C6	8506	89F6	93E8	87D1		87D8	51
50	73E6	82B6	8086	8006	9186	85B8	68F8	68G8		69C6	7533	8993	6603	8406		87D8	50
44	73A3	73G3	8868	81C3		96C3	6888	68G8		70C1	70H1	81F6	59C6	8406	67D6	7481	44
43	73A3	73G3	88E8	8008	96F6		6888	68E8		70A1	70F1	76F8	59F4	8406		7481	43
42	73A3	73G3	8808	80H6	94E1	74E1	6806	68D8		70A1	70D1	90F1		91E1		7481	42
41	73A3	73G3	8888	80E6	96E6	75B8	6806	68C8		70A1	70D1	87C6		91D1	82D3	7481	41
40	73A3	73G3	88F6	73E6		75G6	6806	68D8		70A1	70D1	90C3	72D6	6963	91E1	7368	40
34	68C1		62F4	62G6	95F6	96C6		6488		86C3	61B1	6586	59C4	66C3			34
33	7088	60B1	6204	62F6		96C8		6486		89G3	62C1	6596	59C1	84F6		75E6	33
32	70C6	7666	62C4	6206				6486		68E1	64F3	6586	77B3	91G1		75E6	32
31	65F1	65G1	62H1	62C6		77F8		6406		89E3	87F8	6586	77E1	87H3		64E8	31
30	65D1	65G1	62F1	6204	95G6	94G1		6406	81E1	67E1	8603	6586	65F6			64E8	30
24	92E8	65B1	86D1	6288	95D6	94C8		78E1	9186	71F6	7281	6408	6408			88E6	24
23	92E8	87F6	82E8	87F3	95D1	95F1			85G4	71D6	71F3	6408	6408	90B3		88E6	23
22	92E8	8706	8208	62F8	95C1	94H6		72E1	69E1	71B6	71D8	6408	6408	79E3		88E6	22
21	92E8	6986	82C8	7008	94D6	95F3		60E4	69E1	71G3	7188	6408	6408	90D1		88E6	21
20	92E8	7286	76G1	75G3	94B6	95C3		67E8	69E1	71E3	7166	6408	6408	79E1		88E6	20
14	69E8	93C1			94G3	94C3	6988	8388	6901		9206	6408	6408	75G8	76B1	93C1	14
13	69E8	69F3				96G6	6988	69F1	6901	6281	9286	6408	6408	7003			13
12	69E8	69E3			65D6	88D3	6988	69F1	6901	6281	92G4	6408	6408	81B8	7706		12
11	69E8	69C3	6681		65E6	88C3	6988	69F1	6901	93H6	92E4	6408	6408	63B1		91C8	11
10	69E8	6983	60E4		87E1	88C3	6988	69F1	6901	93F6	92D4	6408	6408			91C8	10
04	71B3	92C4	90C6	90F6	75D8	88C3			69C1	93D3	9306	6408	6408			9188	04
03	71B3	92C4	90G3	90F6		93C8			6981	9383	9306	6408	6408	90E3		9188	03
02	71B3	92C4	90G3	90F6	95E8	95G3			69F6	93G1	93H3	6408	6408	91D6		9188	02
01	71B3	92C4	90G3	90F6	66F1	63F6			69E6	93E1	93F3	6408	6408	60F8		9188	01
00	71B3	92C4	90G3	90E6	7688	74C1				9301	93E3	6408	6408	61C1		9188	00
COIL	17D6	17D6	17C6	17C6	17C6	17B6	17H5	17H5	17H5	17G8	17G8	17G8	17F8	17D8	17D8	17D8	COIL

(FOR USE WITH TABLE IE)

RELAY 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	15988	16081	16283	167C8	149E1	149G1		150C1			154G1	167C6		53
52	87E8	15301	165B1	15996	159F8	16888	14288	149E1	149G1		150C1	146E3	17064	164C8	15686		52
51	87E8	153C1	147F6	15996	159F8	164F8		149E1	149G1		150C1	165F1	16983	17388	16603		51
50	87E8	15381	162C1	15996	15998	170E8	165C3	149E1	149G1		150B1	154E1	16963	14606	164C1		50
44	77F6	152D6	152E6	154F6	160E8		176F1	149C1	1490I		150C3	150E3	161E3	139C6	164C1	147F8	44
43	77H6	152D6	152E6	16803	160C3	17683		149C1	1490I		150C3	150E3	156G1	13963	164C1		43
42	76E1	152D6	152E6	16803	16001	17401	153E3	1498I	1490I		150C3	15003	16904		170C6		42
41	74D3	152D6	152E6	16883	16001	17483	176G3	1498I	1490I		150C3	15003	167F1		17086	16188	41
40	74C1	152D6	152E6	16883	152E8		176E3	1498I	1490I		150C3	150D3	16908	152E1	14908	17006	40
34	77G6	148C3	16088	14206	142E6	175C6	176C6		1448I		16586	14103	14508	16906	14606		34
33	77F6	150D8	140E1	14206	142E6		17666		1440I		16981	142E3	14588	139E1	164C1		33
32	77E6	150F6	155G6	14206	142E6				1448I		148E3	1481C1	14566	15663	170E6		32
31		145F1	145D3	14206	142E6		157F1		1440I		16808	16704	145E1	156E3	167D1		31
30		145D1	14583	14206	142E6	175E6	174G1		1440I		14783	165C9	145C6	145D1			30
24	88E6	172E4	145C1	16563		174D3	17688		1448I		15IF3	151G3	14486	14486	169C8		24
23	88E6	172E4	167A3	162F3	16608	175E1	175G1			164F8	15IF3	151G3	14486	14486			23
22	88E6	172E4	167F1	162E3	14208	175D1	174C8		151E6	149C3	15IF3	151G3	14486	14486	158E6		22
21	88E6	172E4	149F8	162E3	150F8	17406	175E3		16083	149C3	151F3	151G3	14486	14486	169C6		21
20	88E6	172E4	15201	155E1	154C3	17486	175C3		148H1	149C3	151F3	151G3	14486	14486	15803		20
14	9188	150G1	17204	17304		174G3	175D8	150D1	163C1	14983		172C1	14486	14486	154E6	154E6	14
13	9188	150G1	149C8	17481	172F8		176F6	150D1	14986	14983	142C3	17281	14486	14486	150F3		13
12	9188	150G1	14988	176C8	173H4	14681	167E8	150D1	14986	14983	14283	171E8	14486	14486	161H3	15608	12
11	9188	150G1	149F6	14603	173G4	146C1	16708	150D1	14986	14983	17206	171C8	14486	14486	142E8		11
10	9188	150G1	149E6	14066	173E8	16686	16708	150D1	14986	14983	17206	17188	14486	14486			10
04	9188	151C3	17106	170D1	170E1	154C6	16708			149H1	17286	172C6	14486	14486			04
03	9188	151C3	17106	170C1	170E1		172E8			149H1	17286	172C6	14486	14486	169F8		03
02	9188	151C3	17106	170C1	170E1		175G3			150C1	17286	172C6	14486	14486	171D1		02
01	9188	151C3	17106	170C1	170E1	146G3	143E3			150C1	17286	172C6	14486	14486	141C3		01
00	9188	151C3	17106	170C1	170E1	15588	153F3				17286	172C6	14486	14486	141E3		00
COIL	17D8	1706	1706	17C6	17C6	17C6	17B6	17H5	17H5	17H5	17G8	17G8	17G8	17F8	17D8	17D8	COIL

* RELAY (B12) IS USED WITH A SUPPLEMENTARY DIAL TONE MARKER FRAME ONLY.

DRAWING ISSUE 75D

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C35

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-C35

PART OF APP FIG 151

RELAY (FOR USE WITH TABLE IE)

DESIG	T6(-)	T7(-)	DESIG
CODE	2868	2868	CODE
OPTION			OPTION
54	167F4	167F4	54
53	167F4	167F4	53
52	167F4	167F4	52
51	167F4	167F4	51
50	167F4	167F4	50
44	15383	156F8	44
43	15383	157B1	43
42	15383	15408	42
41	15383	15306	41
40	15383	153C3	40
34		157B1	34
33	154F3	156F8	33
32	154F3	156E8	32
31	144E8		31
30	14408		30
24	168C6	168C6	24
23	168C6	168C6	23
22	168C6	168C6	22
21	168C6	168C6	21
20	168C6	168C6	20
14	17246	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	1708	1708	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(-)	1708	
	T6(-)	1708	

DRAWING ISSUE 750

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C36

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-C36

PART OF APP FIG 152

(FOR USE WITH TABLE IA)

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	65A5	6280	60E3	9308	60F0	86A0	84G0	64A8	64F5	77D8	81F0	78F8	86C5	61C8	86D3	80C5	54
53	65A5	6280	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	9388	79F5	78B8	90B0	7608	64F5	7798		85A0	86C5	61D8	63A5	80C5	51
50	65A5	65A0	63A3	60B0	83D5	79C0	63E5	78C0	78A0	77D8	64F8	60G0	86C5	61A8	7700	80C5	50
44	92A3	92G0	63F0	75F0	8488,91E5	59F0	87C5	74A5	74C3	77H3	81C8	59G5	86G3	61G5	84B5	80B5	44
43	92A3	92G0	63G0	75F0	89F3,91E5	84D8	65F3	74A5	74F3	77H3	8188	63D0	86G3	61F5	84A5	80B5	43
42	92A3	92G0	63F0	75F0	6508,91F3	84D8	84F5	74A5	74F3	77H3	86E0	63C0	86G3	61F5	84A5	80B5	42
41	92A3	92G0	63F0	78E8	6080,91F3	84D8	84F5	74A5	74F3	77H3	88A0	8505	86G3	61F5	84A5	80B5	41
40	92A3	92E0	66H3	7903	8365	84D8	84F5	74A5	74F3	77H3	75F5	80C8	86G3	61F5	8415	80B5	40
34	71A3	71F0	66G3	78E0	62C0	84D8	84F5	74C3	74A3	72E5	84D5	81C5	72C3	8788	84G3	81B0	34
33	71A3	71F0	66G3	85C0	79F8	84D8	84F5	74C3	74F0	72E5	87C8	8905	72C3	87A8	84F3	80C8	33
32	71A3	71F0	66F3	59C5	79E8	84D8	91D5	74C3	74F0	72E5	75G0	7205	72C3	66A5	84E3	80G5	32
31	71A3	71F0	66F3	59F3	79D8	84D8	60F3	74C3	74F0	72E5	81E5	92A0	72C3	82F3	3403	90E5	31
30	71A3	71F0	66F3	8205	79C8	84D8	60F3	74C3	74F0	72E5	7985	70A5	72C3	82E3	84C3	81C3	30
24	93A0	92C8	8303	75C5	79A8	84D8	60F3	73F0	73D0	7203	61G0	78F5	72F0	74E3	62F5	73E8	24
23	92D8	92A8	8363	60E0	8660	84D8	66F5	73F0	73C0	7203	80F3	7063	72F0	60A8	62E5	7308	23
22	92D8	92A8	83F3	79A5	86F0	84D8	64E3	73F0	73C0	7203	87D3	60C3	72F0	65E8	62C5	73C8	22
21	92D8	92F5	83F3	6000	80C3	84D8	79C5	73F0	73C0	7203	87D3	84F8	72F0	6088	62A5	73A8	21
20	92D8	9205	83F3	7963	80C3	84D8	65E5	73F0	73C0	7203	82E5	84F8	72F0	8205	6273	73E5	20
14	92D8	9205	77C0	83E3	80A3	84D8	7005	71C0	71A0	67H0	60C8	91F8	7835	80F5	o2E3	73C5	14
13	69D8	69A8	77C0	8303	80A3	63H5	60C5	71C0	70E8	67H0	89E0	91F8	78A5	6503	62C3	73B5	13
12	69D8	69A8	77A0	83C3	80A3	63G5	60A3	71C0	70E8	67H0	75C8	91F8	78A5	8103	6283	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	6728	71C0	70E8	67H0	68F3	91F8	78A5	76E0	62E0	73F3	10
04	69D8	69A8	64C5	83G0	80F0	6805	70F5	70F3	70D3	6668	80A8	91C8	78F3	9180	38F8	73E3	04
03	69F3	69F0	64A5	83F0	80F0	68D5	70E5	70F3	70D3	6668	67A5	91C8	78F3	78F5	88E8	73D3	03
02	69D3	69F0	64A5	83E0	80D0	68D5	70E5	70F3	70D3	6668	89C5	91C8	7303	78E5	8808	73C3	02
01	69C3	69F0	64C5	83D0	80D0	68D5	70E5	70F3	70D3	6668	81A3	91C8	7883	78D5	9808	73C3	01
00	69A3	69F0	64A5	83D0	80C0	68A5	70E5	70F3	70D3	6668	81D5	91C8	7883	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	97G3	64C8	8293	96F0	54
53	78F0	76C5	67G5	67E5	64E5	88F0	67D3	92C0	87A0	8508	66A8	69E0	97G3	64C8	82A3	95C3	53
52	91C5	76C5	67G5	67E5	64E5	88F0	68A3	92C0	86F8	7940	66A8	69E0	87F3	64C8	82G0	93G3	52
51	80E3	76C5	67G5	67E5	64E5	88F0	68G0	92C0	86D8	7980	66A8	6900	87F3	64C8	82G0	93E5	51
50	87F8	76C5	67G5	67E5	64E5	88F0	68E0	92C0	86C8	85D0	66A8	6900	88F3	64C8	82F0	93C5	50
44	63F3	76C5	67C3	67A3	60E8	83F5	85E8	91E3	86A8	81G3	66A8	69D0	88F3	64C8	82F0	9315	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	6900	88F3	64C8	8200	93E3	42
41	78F8	76C5	67C3	67A3	60E8	76G3	82C5	91E3	63C5	61F3	66A8	69C0	88F3	64C8	8200	9303	41
40	5905	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	63F8	83E3	64C8	8280	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	7680	85D8	91E5	68F8	88E3	64C8	81F8	93E0	32
31	67F3	90F8	65C8	65G5	60G3	80D8	64A3	72F3	66C8	73A0	91G5	68F8	83E3	64C8	81E8	9300	31
30	82G5	90E8	65C8	65G5	60G3	81A0	64E0	72F3	86C0	77E0	7760	63F8	88E3	64C8	81D8	70G0	30
24	91B5	90C8	61D3	61B3	61D8	89E8	64E0	8908	72F5	65F5	60G3	68E8	88E3	64C8	92C5	70E0	24
23	81E3	90C8	61D3	61B3	9308	86F5	64E0	63A8	8588	77A3	75C8	68E8	88E3	64C8	92A5	7000	23
22	8563	90A8	61D3	61B3	78C8	72A8	64E0	63G5	8483		86A3	69E8	88E3	64C8	92F3	7000	22
21	75A5	90A8	6103	61B3	79C3	67C8	64E0	63G5	81F5	8600	77G0	68E8	88C3	64C8	92E3	7000	21
20	68C3	90A8	6103	61B3	89E5	7905	64E0	63G5	82C3	70C8	77E3	68E8	8883	64C8	92C3	7000	20
14	75D0	90F5	60G5	60E5	89A8	88C5	64A0		6803	6505	75E5	6808	8833	64C8	7220	7020	14
13	75C0	90F5	60G5	60E5	87F5	81F0	64A0		79C5	7643	7605	6808	8883	64C8	71E8	7010	13
12	75A0	90F5	60G5	60E5	87D5	79A3	64A0		84E0	6880	60C0	68C8	88A3	64C8	71C8	70A0	12
11	74F8	90F5	60G5	60E5	64D3	79F0	64A0		84D0	72E8	76C8	68C8	88A3	64C8	71A8	70A0	11
10	7408	90D5	60G5	60E5	85E0	59E5	64A0		84C0	90C3	89C3	68C3	87A3	64C8	7165	69F5	10
04	74C8	90A5	60A0	5988	85F0	9400	64A0		8480	7503	66E8	6888	8720	64C8	71E5	69E5	04
03	74A8	90E3	60A0	5988	64D5	70A3	64A0	68F5	84A0	85D3	6005	68A8	8750	64C8	71C5	69C5	03
02	7405	90E3	59F8	5988	81G0	59D0	64A0	68E5	84A3	93E8	83E8	68F5	87F0	64C8	71A5	69C5	02
01	74E5	90E3	59E8	5988	81C0	91C3	6388	68C5	84F0	59A2	91B3	68F5	87F0	64C8	71F3	69C5	01
00	7405	90E3	59D8	5988	81A5	85A3	6388	6885	84F0	5980	3980	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-25805-01-C37

BELL TELEPHONE LABORATORIES INCORPORATED

SYS UNIT 65

SD-25805-01-C37

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	87E9												54
53	9488	6130	89F0	7305												53
52	94F0	90E0	85F5	7508												52
51	94C0	94E5	85E5	82A8												51
50	95A8	96C0	8385	71C3												50
44	96A0	9690	83C5	82E8												44
43	94D0	95E8	30E3	75A3												43
42	96F5	96A8	86E5	67F8												42
41	96E5	96A3	30D3	67E8												41
40	75A8	9405	8080	67E0												40
34	7585	7708	66C3	75F3												34
33	94A3	95F5	6660	69A5												33
32	94D3	95A3	75E8	72A5												32
31	9503	9665	66A3	9388												31
30	5880	95C5	56E0	8208												30
24	9508	9560	6005	82C8												24
23	6700	9500	84C5	87E3												23
22	95C8	95A0	6600	76E8												22
21	9408	9685	7088	68E3												21
20	96E0	9603	64F3	62E8												20
14	85E3	6003	7085	85A8												14
13	83C3	82F5	7688	6903												13
12	94F5	96E3	74C0	68D0												12
11	76C3	94E8	85C5	91C0												11
10	9535	95F0	74E0	70D8												10
04	9503	94E3	76F5	90A3												04
03	9505	9488	72D0	78A3												03
02	9403	94C5	72C5	87C5												02
01	95E3	94E3	83A0	62F8												01
00	9405	9483	89A3	8903												00
COIL	2003	2003	2003	2003												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	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	72D0	M	64E5	M		M		M	9150	M	9400	M	94F0	M	87C3	M	87C3			11
10	M	8885	M	8815	M	86E0	M	81C5	M	67C5	M	6008	M	61F8	M	76G0	M	76F0			10
9																					9
8	E8M		E8M		E8M		E8M		E8M		E8M		E8M		E8M		E8M				8
7																					7
6	EM8		EM8		EM8		EM8		EM8		EM8		EM8		EM8		EM8				6
5																					5
4	E8M		E8M		E8M		E8M		E8M		E8M		E8M		E8M		E8M				4
3	M	8783	M	8783	M	6105	M	6105	M	6105	M	6105	M	6105	M	76F5	M	76F5			3
2	M	83E5	M		M	61C5	M	61C5	M	61C5	M	6185	M	6185	M	59A5	M	5903			2
1	M		M		M		M		M		M		M		M		M				1
COIL		2003		2003		2003		2003		2003		2003		2003		2003		2003			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 C8

ISSUE 988 C8

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C38

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-C38

PART OF APP FIG 152

(FOR USE WITH TABLE IB)

RELAY

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	103A0	100C5	9903	130D3	99G0	121F3	119A5	102E5	102D5	113G5	11688	114C8	122A3	100G3	121D8	11683	54
53	103A0	100C5	12208	105E0	114F8	114D5	119B3	101C5	102D5	113G5	11688	119E8	122A3	100F3	121B8	11683	53
52	102F8	10298	12208	103F8	115A6	108D0	126E0	10185	102D5	113G5	11688	104D5	122A3	100F3	114E5	11683	52
51	102F8	10298	101A5	130A3	115G3	114E5	126D0	11208	102D5	113G5		120E3	122A3	100F3	101E5	11663	51
50	102F8	10298	101G3	9900	119A0	114D8	101H5	113F8	11308	113G5	102A8	99A3	122A3	100F3	11300	11683	50
44	128C5	128A5	101E3	111C5	120A3	98H0	123E3	110C8	110A8	113E3	11703	98F5	122C0	100D3	11908	116A3	44
43	128C5	128A5	101F3	111C5	125E3	120C3	102F8	110C8	110F5	113E3	11703	101C3	122C0	100C3	119C8	116A3	43
42	128C5	128A5	101E3	111C5	103E3	120C3	120C0	110C8	110F5	113E3	12105	10183	122C0	100C3	119C8	116A3	42
41	128C5	128A5	101E3	114A8	99D0	120C3	120C0	110C8	110F5	113E3	123C8	12100	122C0	100C3	119C8	116A3	41
40	128C5	128E3	103E8	11560	11900	120C3	120C0	110C8	110F5	113E3	112A0	11645	122C0	100C3	119C8	116A3	40
34	108A3	108F0	103E8	128A0	114A0	120C3	120C0	11005	110C5	109H3	120A0	117F0	109F0	123E5	119C8	11648	34
33	108A3	108F0	103E8	120F3	115G5	120C3	120C0	11005	110C5	109H3	123F5	12505	109F0	12305	119A8	11685	33
32	108A3	108F0	103C8	98C5	115E5	120C3	127F5	11005	110C5	109H3	11105	10963	109F0	99F5	11965	116F3	32
31	108A3	108F0	103C8	98F3	11505	120C3	10285	11005	110C5	109H3	117H0	128F0	109F0	104E5	119E5	11603	31
30	108A3	108F0	10398	118C0	115C5	120C3	10285	11005	110C5	109H3	115D3	10705	109F0	104F5	119D5	116F8	30
24	129E3	129A3	118C8	111E8	115B5	120C3	10285	10908	10988	10903	9903	114C5	105C0	110F5	10008	110F3	24
23	12903	129F0	118C8	99G0	121F5	120C3	104D0	10908	10988	10903	116F0	107C5	109C0		10008	110F3	23
22	12903	129F0	11888	115G3	121E5	120C3	102A3	10908	10988	10903	123E0	9903	109C0	120D5	10008	110E3	22
21	12903	12900	11883	99E0	11680	120C3	115E3	10908	10988	10903	123F0	115E0	105C0	120G3	100C8	110D3	21
20	12903	129A0	11868	11583	11680	120C3	10300	10908	10988	10903	11800	115C0	109C0	11800	10088	110C3	20
14	12903	129A0	113A0	118A8	116A0	120C3	107F5	108C0	108A0	104D3	9905	128E0	114A5	116E3	10088	110G0	14
13	107A0	106A8	113A0	118G5	116A0	102F0	99G3	108C0	107F8	104D3	12560	128E0	114A5	113C3	100A8	110F0	13
12	106E8	106A8	112F8	118F5	116A0	102F0	9983	108C0	107F8	104D3	11280	128E0	114A5	117A0	100H5	110E0	12
11	106E8	106A8	112F8	118E5	116A0	102D0	104F8	108C0	107F8	104D3	10585	128E0	114A5	111E5	100G5	11000	11
10	106E8	106A8	112F8	118D5	115F8	102D0	104E8	108C0	107F8	104D3	105A5	128E0	114A5	112B3	100G5	11000	10
04	10608	106A8	102F3	118C5	115E8	105A8	107A8	107A5	107F3	104A3	11603	128C0	114F3	127F0	124F5	110C0	04
03	106F3	106E0	102D3	11885	115E8	105G5	107G5	107A5	107F3	104A3	104D5	128C0	114F3	11460	124E5	11080	03
02	106E3	106E0	10203	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	10968	01
00	106A3	106E0	10203	118F3	115B8	105C5	107G5	107A5	107F3	104A3	11760	128C0	114A3	11400	124F3	109F8	00
COIL	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	20E3	COIL

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	114C0	112E5	104C8	104A8	102A5	124E0	115A3	12803	122C8			106C0	12383	102F5	117C8	133A5	54
53	114C0	112E5	104C8	104A8	102A5	124E0	104A5	12803	122A8	121D3	104E0	106C0	12333	102F5	117C8	132F0	53
52	127E5	112E5	104C8	104A8	102A5	12400	10503	12803	122G5	114C8	104E0	106C0	123A3	102F5	11788	130F0	52
51	116F0	112E5	104C8	104A8	102A5	12400	105C3	12803	122E5	114C8	104E0	106C0	123A3	102F5	117A8	130E0	51
50	12388	112E5	104C8	104A8	102A5	12400	105A3	12503	12205	120A5	104E0	106C0	124E3	102F5	11705	130C0	50
44	101D5	112E5	104F3	104E3	9965	119C0	121E3	127A5	122C5	11700	104E0	106C0	124E3	102F5	11765	130A0	44
43	101D5	112E5	104F3	104E3	9965	11408	11880	127A5	10165	119E0	104E0	104C0	124E3	102F5	117F5	129F8	43
42	101D5	112E5	104F3	104E3	9965	11285	11880	127A5	101F5	104E0	104E0	104C0	124E3	102F5	117E5	12908	42
41	11488	112E5	104F3	104E3	9965	112A5	11880	127A5	101F5	100E0	104E0	10680	124E3	102F5	117E5	129C8	41
40	103A8	112E5	104F3	104E3	9965	11203	11880	127A5	101E5	12060	104E0	10980	12403	102F5	11705	129A8	40
34		127E0	103C3	103A3	99E3	100H0	102A0	109C3	12488	12508	104E0	106A0	12403	102F5	117C5	129F5	34
33	99G0	127E0	103C3	103G0	99E3	10060	102A0	109C3	12448	124A0	127A8	106A0	12403	102F5	117C5	129D5	33
32	120D8	127E0	103C3	103G0	99E3	11605	102A0	109C3	11260	121C3	12765	106A0	12403	102F5	117A5	12995	32
31	10485	127E0	103C3	103G0	99E3	116C5	102A0	109C3	104F0	107A8	127B8	106A0	12403	102F5	117F3	129A5	31
30	117F8	12700	103C3	103G0	99E3	116F5	101E8	109E3	12185	11300	113E0	106A0	12403	102F5	117E3	127B3	30
24	12705	127C0	100D0	100B0	100H3	126A0	101E8	125E8	10985	103F0	99F3	106A0	12403	102F5	12808	107E0	24
23	11780	127C0	10000	100B0	13003	122A5	101E8	10260	121C3	113F0	112C0	106A0	12403	102F5	128C8	107E0	23
22	120E8	127A0	10000	100B0	11405	109C5	101E8	102E0	119C5	117F0	12188	106A0	12403	102F5	128A8	107E0	22
21	111C8	127A0	100D0	100B0	115F0	105A0	101E8	102E0	117A3	121C5	113E0	106A0	124C3	102F5	12865	107E0	21
20	105E3	127A0	10000	100B0	125E5	115F3	101E8	102F0	11708	10708	111C3	106A0	124A3	102F5	129E5	10700	20
14	111A5	12608	99E5	99B5	12588	12408	101A8	10588	10563	103C0	112F5	105F8	12443	102F5	108F8	107C0	14
13	111F3	12608	99E5	99B5	12345	116C8	101A8	10588	11008	112E3	112F5	105F8	12443	102F5	10908	107C0	13
12	111E3	12608	99E5	99B5	123F3	115C0	101A8	10588	11903	105E0	99E0	105E8	12460	102F5	108C8	107C0	12
11	111C3	12608	99E5	99B5	10260	115A0	101A8	10588	119C3	109F5	112C8	105E3	12460	102F5	10848	107C0	11
10	111A3	12648	99E5	99B5	12085	9805	101A8	10588	119C3	126E3	125C3	105E8	123C0	102F5	108F5	106F5	10
04	111F0	126E5	99C0	98A8	120C5	130A5	101A8	105H5	119C3	111F5	10400	105C8	12780	102F5	109E5	106D5	04
03	111D0	12685	99C0	98A8	10263	107C3	101A8	105H5	119C3	120A8	99G3	105C8	12380	102F5	109C5	106C5	03
02	111C0	12685	99A0	98A8	11608	98E0	101A8	105F5	11985	130E3	119A3	10583	12340	102F5	108A5	106C5	02
01	111A0	12685	98F8	98A8	11605	127G3	101A8	105E5	119E3	9883	127F3	10588	12340	102F5	104F3	106C5	01
00	110E8	12685	98D8	98A8	117E0	120E5	101A8	105C5	11963	9880	12500	10583	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 750

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C39

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-C39

PART OF APP FIG 152

RELAY (FOR USE WITH TABLE IB)

DESIG	SA5	SA6	SA7	SA8
CODE	2868	2868	2868	2868
OPTION				
54	131E0	113D3	100D5	123A8
53	134F5	9988	131A3	11083
52	13065	126A3	121F0	112C0
51	13005	131G3	121E0	113E0
50	13208	133F3	118E8	108C3
44	133D3	133E3	118F8	118B3
43	130E5	133F0	116E0	11105
42	134G3	134C5	122E3	105C0
41	134F3	133C5	116C0	10580
40	134G0	131E3	115A8	10493
34	13400	113A8	103F5	111A8
33	130A8	132A8	103C5	106A5
32	130D8	132C0	11200	109D3
31	133F5	134A5	103D5	130B3
30	133A3	132A5	103A5	118A5
24	13300	132A0	99A5	11360
23	131E3	131D8	119E8	12360
22	133A0	131A8	103F3	112E8
21	131D5	134B3	10738	105H3
20	13363	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	11035	107E8
04	13203	130F8	11205	126D3
03	13205	13208	10990	11400
02	131C0	131F0	109F3	123E3
01	132A3	131A0	11803	10150
00	13185	130C8	125A3	125F3
COIL	2063	2063	2063	2063

RELAY (FOR USE WITH TABLE IB)

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
	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	10950	M	102C5	M		M		M	127E3	M	130E5	M	130F5	M	123C0	M	123E0			11
10	M	12408	M	124C8	M	12105	M	117F0	M	104E5	M	9945	M	10085	M	11203	M	11203			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	12300	M	123D0	M	10083	M	10083	M	10083	M	10083	M	10083	M	11265	M	11265			3
2	M	11980	M		M	100A3	M	100A3	M	100A3	M	100A3	M	100A3	M	9885	M	9803			2
1	M		M		M		M		M		M		M		M		M				1
COIL		2063		2063		2063		2063		2063		2063		2063		2063		2063			COIL

NETWORK

OPT	DESIG	LOC	CODE
	R0	20G3	180A
	R1		
	R2		
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	S0	20F3	
	S1		
	S2		
	S3		
	S4		
	S5		
	S6		
	S7		
	S8		

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C40

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C40

PART OF APP FIG 152

(FOR USE WITH TABLE IE)

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	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	169F3	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		15500		164C0	153C5	153A5	152G0	142F0,159E2	159B8	158E0	163D5	171F0	161D8	34
33	151C3	151A3	142C8		140D5		164C0	153C5	153A5	152G0	142F0,172D3	146A8	162A8	163C5	171F0	157E3	33
32	151C3	151A3	142C8		158C0		171C0	153C5	153A5	152G0	142E0,172D3	153B8	147B8	163A8	166G0	143D3	32
31	151C3	151A3	142C8		158D5		140A8	153C5	153A5	152G0	142E0,172D3	145A0	164A5	163A8	166G0	156D3	31
30	151C3	151A3	142C8		157A3	164G3	153F3	153C5	153A5	152G0	142E0,172D3	161D3	140B5	163A8	166G0	147D8	30
24	172F3	172C3	162G5	162C8	164B5	164G3	153F3	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	144J0	152C5	152A5	152C0	142D0,147F5	159D5	142F8	169A0	152A0	168E8	22
21	172E3	172G0	162F5	140A3	162D0	164G3	153E8	152C5	152A5	152C0	142D0,158C8	166C8	142E8	146C3	152A0	168E8	21
20	172E3	172E0	162F5	158F5	154D3	164G3	145C0	152C5	152A5	152C0	142C0,150F0	166C8	165F0	153D5	152A0	163E8	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	14905,168H0	143A8	171D3	162F0	157A8	146G5	10
04	150F0	150D0	144E0	162E5	159F3	148E8	150C8	150C5	150A5	147D0	14905,165C0	148G5	150E5	160F0	157G5	163E3	04
03	149C8	149B5	144D0	162D5	159E3	148E8	150A8	150C5	150A5	147D0	14805,14905	160A3	157C8	145F3	157G5	163F0	03
02	149A8	149B5	144D0	162D5	159D3	148E8	150A8	150C5	150A5	147D0	14905,163E0	147C8	150E5	160F8	157F5	169B5	02
01	149F5	149B5	144E0	162C5	159C3	148E8	150A8	150C5	150A5	147D0	14905,16380	169E0	140E5	154F0	157F5	169A5	01
00	149D5	149B5	144D0	162C5	159C3	14888	150A8	150C5	150A5	147D0	14905,16330	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	RA7	RA8	S0	S1	S2	S3	S4	S5	S6	S7	S8	SA0	SA1	SA2	SA3	SA4	DESIG
CODE	286B	286B	286B	286B	286e	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	143B0	141G0	148C0	148A0	144G0		167G5	158F5	14600	154G3	147C0	170A0	170E3	173H3	163B5	173H5	54
53	153F0	165C8	148C0	148A0	14460		167E5	147A5	156G3	165E3	146E8	170A0	154G5	173G3	163A5	161F3	53
52	153E0	16586	148C0	148A0	14460	147G3	167E5	148C5		158F0	146E8	17040	154G5	166E8	163G3	147E8	52
51	153D0	152D8	148C0	148A0	14460	14763	167E5	148A5	172E8	15860	146E8	170A0	154G5	153D3	172C0	167E0	51
50	153C0	152C8	148C0	148A0	14460	13985	139C3	148F3	173E3	164D5	146E8	17003	153G5	173G5	172A0	15938	50
44	153A0	152C8	147F3	147D3	141F0	162D8	166F3	171A5	173E3	161E0	146E8	170C3	154A8	173D0	171E3	152G3	44
43	160D5	15298	147F3	147D3	141F0	160A8	166D3	171A5		163C0	16280	170C3	173E5	173D0	171C8		43
42	160C3	152A8	147F3	147D3	141F0	155G3	166D3	171A5	160B3	164A0	17100	170C3	173E5	173C0	171A8	155E3	42
41	160G0	152H5	147F3	147D3	141F0	155F3	166D3	171A5	140F5	141F5		170C3	173E5	173B0	151D5	141C0	41
40	160D0	152G5	147F3	147D3	141F0	155E3	166D3	171A5	146D3	164E3		170B3	173E5	173A0	151C5	175C8	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	15908	33
32	14285	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	15603	149G3	173G0	142D3	172C8	174D8	31
30	142G3	147E5	146A3	146E0	140G5	160A5	167F0	170A8	165F3	16240	156F3	149F3	173F0	142C3	17288	175A3	30
24	142G3	16200	141D5	141B5	16988	169F3	144A0	152C0	152A3	157E8	140B8	149F3	173F0	142A3	172F5	175A0	24
23	154F5	170D8	141D5	141B5	14088	166C3	164E5	152C0	165C3	16160	15485	149F3	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	16540	141D5	141B5	142F5	148F0	144G0	152C0	161E3	150E8	156F3	149D3	144E3	164G0	172E5	17600	21
20	168A3	153F8	141D5	141B5	15883	15940	160G5	152C0	161A8	14630	15605	16800	144D3	164F0	172E5	175D3	20
14	168A3	153E8	141A0	140E8	176C8	168A5	160C5		148E5	155B3	155E5	16800	144B3	16400	150A3	174A5	14
13	160C0	153E8	141A0	140E8	161C3	160F5	161F0	143H3	153C8	155G0	155D5	168F0	143C8	144C8	150A3	17638	13
12	160A0	153D8	141A0	140E8	162A5	158A5	143F8	143G3	16383	148C3	140F0	163F0	135A8	144B8	150A3	174F0	12
11	159E8	153D8	141A0	140E8	160G3	158G3	143F8	143G3	163A3	152E3	155D8	168E0	145F5	144A8	150A3	175F5	11
10	159E8	155F5	141A0	140E8	161C0	139C8	143F8	143G3	163A3	169C8	16888	168E0	14505	144G5	150A3	17683	10
04	159C8	155F5	140E0	139D8	141F8	174A0	143F8		163A3	15460	14730	16800	14535	144F5	150C0	17443	04
03	159A8	155D5	140E0	139D8	141E8	150E3	143F8	148D8	163A3	164C8	140C8	166A8	145C3	144F5	150C0	176G3	03
02	159A8	155C5	140C0	139D8	141D8	139E0	143E8	149D8	163E3	17388	163F0	166E5	145A3	144E5	150B0	176E3	02
01	15965	155B5	140C0	139D8	141C8	170F5	143E8	149D8	163C3	139A3	170E5	166D5	145E0	144D5	150B0	175A8	01
00	15965	155B5	140A0	139D8	14138	164A8	143D8	148C8	16303	139C0	16805	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 750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-C41

BELL TELEPHONE LABORATORIES INCORPORATED

6S

PRINTED IN U.S.A.

SD-25805-01-C41

PART OF APP FIG 152

(FOR USE WITH TABLE IE)

DESIG CODE OPTION	SA5 286B	SA6 286B	SA7 286B	SA8 286B												DESIG CODE OPTION
54	165D8	142E3	16288	154E0												54
53	174G5	156E5	159C5	148A3												53
52	175A5	141A3	166A3	14860												52
51	175F3	141D3	15985	147A3												51
50	175C5	169F5	159E0	154C3												50
44	174G3	16805	14805	148E5												44
43	175E3	16188	146A5	15483												43
42	174A8	17308	154D5	149E8												42
41	174E5	17703	14685	15200												41
40	176C0	173E8	145F3	17208												40
34	17680	173D3	140E8	16203												34
33	17508	170C5	16388	162C3												33
32	176F5	164C3	146E3	166D8												32
31	176F0	16308	150C8	156F0												31
30	174C5	143E8	134C0	148F5												30
24	17505	173C3	150E5	14238												24
23	175C3	173B3	155A8	16583												23
22	17605	153F3	153E3	14908												22
21	174C3	15588	165E0	149E3												21
20	175F0	15303	15303	17C03												20
14	175E0	155C8	15505	150F8												14
13	176B5	173A5	151E5	16988												13
12	176D3	173F5	152E0	157E3												12
11	176C3	173F3	162F3	167F0												11
10	174D0	171A0	16283	14208												10
04	174E3	170E8	16703	16930												04
03	175F5	14200	152E8													03
02	175C0	162E0	154C5													02
01	174E3	165A3	162A3													01
00	175C8	16500	15103													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	16183	M		M	155F0	M	15705	M	167E0	M	157F5	M	15545			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	16645	M	14580	M	144C5	M	150A0	M	176D0	M	157E0	M	16288	M	162E3	M				3
2	M	157F0	M		M		M		M	16748	M		M	156E3	M	154H3	M	14700			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 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C42

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C42

APP FIG 153

RELAY DESIG	(FOR USE WITH TABLE 1A) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	W0(-)	W1(-)	(FOR USE WITH TABLE 1B) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	W0(-)	W1(-)	(FOR USE WITH TABLE 1E) V0(-)	V1(-)	DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B	CODE
OPTION																	OPTION
54	67F6		f	84B3		6006	8681	10483		f	11980		99E6	12103	14881		54
53	67F6		e	k		6006	9663	10498		e	k		99E6	13481	14881		53
52	67F6		95C8	95E6		6006	80F6	10488		133A1	132E6		99E6	116E3	14881		52
51	67F6		68D1	90D3		6006	96C6	10486		131E3	126F3		99E6	134C3	14881		51
50	67F6		d	72E8		6006	82F6	12158		d	109F6		99E6	133D8	14881		50
44	67B3	75D1	c	j		61E4	8203	10423	111F3	c	j		10001	117E8	14783	14508	44
43	67B3	74D8	b	h		61E4	96E3	10483	111F1	b	h		10001	13306	14783	14586	43
42	67B3	7406	96D3	q		61E4	72F6	10483	110E8	133F6	q		10001	10946	14783	14561	42
41	6793	85E4	83C1	95E1		61E4	8881	10483	11BF4	13281			10001	12208	14783	16408	41
40	6793	93F8	86E3	9508	8136	61E4	6761	10483	131F3	13381	117E1		10001	10403	14783	17308	40
34	6588	83H3	77D3	94C8	3806	6508	9231	10363	11808	11384	134D6	121E8	10303	12961	14681	16206	34
33	65H6	83H3	90E1	94F1	81F1	6508	9583		11828	12661	13066	116C9	10303	13201	14661	16206	33
32	65H6	83F3	66E3	94A6	7783	6508	65E3		118C8	10386	131E1	11501	10303	102E8	14661	16256	32
31	65H6	83F3	77D1	96E1	7961	6508	95C6		113C8	11301	13363	11501	10303	13246	14661	16256	31
30	65H6	83F3	a	f	59E6	6508	5908		118C8	a	f	9386	10303	9981	14661	16256	30
24	61C4	73E1	89D1	e	94C1	6703	77E8	10081	109C8	125F1	e	13096	104F3	11388	14106	15236	24
23	61C4	7301	85D1	d	70C3	6703	9506	10081	109C8	12063	d	10704	104F3	13288	14106	15236	23
22	61C4	7301	79C3	c	59E1	6703	72C8	10081	109C8	115F1	c	98F1	104F3	109E6	14106	15236	22
21	61C4	7301	7808	85E6	91C3	6703	61A4	10081	109C8	11406	121F1	12763	104F3	10041	14106	15236	21
20	61C4	7301	5984	b	8584	6703		10091	109C8	9354	b	120F6	104F3		14106	15236	20
14	60F6	7181	5981	8081	64C1	67H6		9996	10881	9681	11588	101C8	104C8		14008	15101	14
13	60F6	70F8		70C8	64C1	67H6		9986	107F8		107C8	101C8	104C8		14008	15181	13
12	60F6	70F8		9688	64C1	67H6		9956	107F8		134D6	101C8	104C8		14008	15181	12
11	60F6	70F8	76B3	84C6	64C1	67H6	9581	9986	107F8	112E4	119E8	101C8	104C8	13188	14008	15181	11
10	60F6	70F8	95E3	9683	64C1	67H6	5908	9986	107F8	13283	133E6	101C8	104C8	9808	14008	15181	10
04	59C8	70E3	74B3	66F1	64C1			9848	107F4	11006	103C6	101C8			139E8	15086	04
03	59C8	70E3	74F1	6683	64C1			9838	107F4	11006	103D6	101C8			139E8	15086	03
02	59C8	70E3	74F1	6603	64C1			9848	107F4	11006	103G6	101C8			139E8	15086	02
01	59C8	70E3	74F1		6308			9838	107F4	11006		101C8			139E3	15086	01
00	59C8	70E3	74F1	a	6308			9233	107F4	11006	a	101C8			139E3	15036	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 DESIG	(FOR USE WITH TABLE 1E) V2(-)	V3(-)	V4(-)	W0(-)	W1(-)
CODE	286B	286B	286B	286B	286B
OPTION					
54	f	163F3		141B1	15708
53	e	k		141B1	175F1
52	174E1	176G3		141B1	16OE1
51	174C1	16908		141B1	174C3
50	d	152F3		141B1	17636
44	c	j		141D6	161C8
43	b	h		141D6	17661
42	174D8	q		141D6	15291
41	162G3	175D6		141D6	16786
40	17486	175A1	162C8	141D6	147C3
34	156C6	161F3	163F8	14683	17103
33	169E6	147E8	163F8	14683	17606
32	146F6	173H6	163F8	14683	14503
31	156D3	175D3	163F8	14683	174C6
30	a	f	163F8	14633	14021
24	168F6	e	163F8	147F3	17681
23	164C6	d	163E8	147F3	17508
22	158C6	c	163E8	147F3	15203
21	15881	141E3	163E8	147F3	141A6
20	13983	b	163E8	147F3	
14	139C1	173E8	143D6	148C1	
13		155C8	143D6	143C1	
12		17468	143D6	148C1	
11	155G1	173B4	143D6	148C1	17606
10	175A8	174E6	143D6	148C1	140A1
04	153B6	145E8	143D6		
03	153B6	16308	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	6681 79E8
e	LI	7988 9483
f	LI	86H1 94D8

2.

a	LI	88E1 94F8
b	LI	79C8 83C6
c	LI	6288 79D8
d	LI	6288 74F6
e	LI	6288 74E8
f	LI	6288 75E1
g	LI	67F1 7488
h	LI	62C8 75B1
j	LI	7586 89D1
k	LI	70D6 95G3

3.

a	LI	131G1 13388
b	LI	114A1 13088
c	LI	11506 130E8
d	LI	115F6 133A3
e	LI	11586 130C8
f	LI	12106 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 14783
h	LI	142F6 14588
j	LI	144F3 168E6
k	LI	155C8 174A3

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C43

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C43

APP FIG 154

RELAY

DESIG	(FOR USE WITH TABLE 1A) V5(-)	V6(-)	V7(-)	V8(-)	V9(-)	(FOR USE WITH TABLE 1B) V5(-)	V6(-)	V7(-)	V8(-)	V9(-)	(FOR USE WITH TABLE 1E) V5(-)	V6(-)	V7(-)	V8(-)	V9(-)	DESIG
CODE	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	CODE
OPTION																OPTION
54	72C3	94C1	89F8	81F8	62B1	109G1	13006	126C1	117C5	10006	151F8	167E1	16903	16704	14706	54
53	72C3	95A8	6988	81E8	62B1	109G1	13208	10688	11764	10006	151F8	15888	150E1	142E3	14706	53
52	72C3	60D6	6988		65F1	109G1	9936	10588		102C8	151F9	173C4	150E1		14706	52
51	72C3	64G3	6988		65D1	109G1	10204	10688		102C8	151F8	15303	150E1		14706	51
50	72C3	76B8	6988	75G6	65C1	109G1	11288	10688	134D1	102C8	151F8	17386	150E1	174B1	14706	50
44	72G1	83C6	6998	66E1	8906	109D1	118F3	10988	10304	12506	15188	16705	150E1	153F3	15903	44
43	72G1	8566	77C1	8408	8938	109D1	12161	11381	10401	12508	15188	14183	15603	17588	16303	43
42	72G1	89G1	77C1	94F3	9038	109D1	13183	11381	13181	12781	15188	15586	15603	174E3	15706	42
41	72G1	62D1	7781	91F1	9088	109D1	10066	11289	12703	12781	15188	142E3	15683	17006	15706	41
40	72G1	d	7781	a	9088	109D1	d	11288	a	12731	15138	d	15683	a	15705	40
34	86C6	c	7791	71G1	9066	122B3	c	11283	10861	12608	166F1	c	15633	15133	15706	34
33	86C6	68D1	6406	71G1	9066	122B3	10561	10284	10861	12608	166F1	148E3	144F1	15133	15706	33
32	86C6	b	6486	71G1	9066	12283	b	10264	10861	12608	166F1	b	144E1	15133	15706	32
31	86C6	a	6486	71G1	9066	12283	a	10264	10861		166F1	a	144E1	15133	15706	31
30	86C6	9086	6406	71G1		12283	12688	10264	10861		166F1	15736	144F1	15133		30
24	86H3	9086	6486	9208	c	12201	12665	10264	12903	c	16601	15703	144E1	17204	c	24
23	86H3	90F3	8206	9288	b	12201	12666	11801	12961	b	16601	15793	16201	17284	b	23
22	86H3	90F3	5906	9288	a	12201	12666	9806	12961	a	16601	157F3	13906	17284	a	22
21	86H3	90F3	5964	9206	60E1	12201	12666	9864	12961	99F1	15601	15703	13943	17191	14903	21
20	86H3	90F3	7506	92E6	7963	12201	12666	11183	12961	11504	15601	15703	13903	17201	15706	20
14	91F8	7836	70G1	92E6	64C3	128E1	11486	10784	12901	10201	17183	15103	17283	17361	14303	14
13	91F8	7836	70E1	92G1	64C3	128E1	11486	10781	12886	10201	17183	15108	17286	17165	14303	13
12	91F8	7886	b	92G1	64C3	128E1	11486	b	12886	10201	17183	15108	b	17165	14308	12
11	91F8	7836	a	92G1	64C3	128E1	11436	a	12886	10201	17133	15108	a	17165	14303	11
10	91F8	7886	78A1	92G1	64F1	128E1	11436	11383	12386	10163	17183	15103	15601	17165	14365	10
04	9108	7863	74H3	92F1	64F1	128C1	11484	11033	12363	10163	17183	15106	15306	17106	14356	04
03	9108	7863	74F3	69G1	64F1	128C1	11484	11066	10661	10163	17183	15106	15306	14906	14356	03
02	9108	73E3	74F3	69G1	64F1	128C1	11404	11066	10661	10163	17183	15106	15306	14906	14356	02
01	9108	78C3	74F3	69G1	64F1	128C1	11484	11066	10561	10163	17183	15106	15306	14906	14356	01
00	9108	78C3	74F3	69G1	64F1	128C1	11434	11066	10561	10163	17183	15106	15306	14906	14356	00
COIL	18E4	18E4	1804	1804	1804	18E4	1804	1804	1804	1804	18E4	1804	1804	1804	1804	COIL

NETWORK

OPT	DESIG	LOC	CODE
	V5(-)	18E4	180A
	V6(-)	18E4	
	V7(-)	1804	
	V8(-)	1804	
	V9(-)	1804	

SEE NOTE 1

	(FOR USE WITH TABLE 1A) V7(-)	V8(-)	V9(-)
a	LO 71D3 / LN 76C3	LO 74D1 / LN 89E6	LN,UO 69E3 / LO 7466
b	LO 8288 / LN 94F6		LN,UO 6903 / LO 74F8
c			LO 68C3 / LN,UO 6983

SEE NOTE 2

	(FOR USE WITH TABLE 1B) V7(-)	V8(-)	V9(-)
a	LN 10468 / LO 108C3	LO 10181 / LN 12506	LN 106E4 / LO 111C1
b	LO 118F1 / LN 131A6		LN 10604 / LO 111C3
c			LO 105F3 / LN 10683

SEE NOTE 3

	(FOR USE WITH TABLE 1E) V7(-)	V8(-)	V9(-)
a	LO 159E1 / LN 175F6	LN 169E1 / LO 173F6	LO 145C3 / LN 14989
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 84G1; d: NT 66F3 / LN 84F1
2. a: LO 118C3 / LN 132F3; b: LO 10388 / LN 131C1; c: LO 10308 / LN,UI 119G3; d: LO 10308 / LN,UI 119E3
3. a: LO 146E6 / LN 17683; b: LO 143D1 / LN 176E3; c: LO 143E1 / LN 16303; d: LO 143G1 / LN 163C3

APP FIG 155

RELAY

DESIG	(FOR USE WITH TABLE 1A) V10(-)	V11(-)	V12(-)	V13(-)	V14(-)	(FOR USE WITH TABLE 1B) V10(-)	V11(-)	V12(-)	V13(-)	V14(-)	(FOR USE WITH TABLE 1E) V10(-)	V11(-)	V12(-)	V13(-)	V14(-)	DESIG
CODE	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	CODE
OPTION																OPTION
54		7506	71A6				111F3	10886				15363	14426			54
53	7106	6406	81F3			108C6	10264	11721			14386	14481	15101			53
52	7381	6406	71E8	9308		10988	10464	10883	13003		15303	14481	14403	17186		52
51	66C8	5964		8308		104F1	9804		11761		15106	17963		15161		51
50	7563	60E1	92E4	9388		11106	99F1	12806	13083		14701	15461	15461	17103		50
44	71C8	71F3	92C4	68C1	9201	10363	10284	12465	10961	13863	15103	14106	16481	14383	17186	44
43	71A8	71E3	72A1		9201	10848	10864	10988		13863	14383	14406	16461		17185	43
42	66F3	60C1	71E1		9201	10308	9901	10201		12963	14581	14081	15161		17136	42
41	66F3	63C6	78C8	8401	9201	10308	10165	11385		12963	14381	14603	15183	15383	17136	41
40	66F3	68H3	79C1	8401	9201	10388	12448	11463		12963	14381	14701	15383	15383	17135	40
34	70F3	9264		84C1	91F3	10786	12848			12705	15006	16483		16383	17088	34
33	70F3	7081		8481	91F3	10786	10701			12706	15006	15083		16383	17088	33
32	70F3	7081		89C1	91F3	10786	10701		125E1	12706	15006	15083		16386	17088	32
31	70F3	7081		89C1	91F3	10786	10701		125E1	12706	15006	15083		16386	17088	31
30	70F3	7081		89C1	91F3	10736	10701		125E1	12706	15006	15083		16386	17088	30
24	7101	6906	7066	89C1	72F3	108C1	10676	10738	125E1	10904	15101	15003	15004	15026	15201	24
23	7101	69F6	70F6	6061	72F3	108C1	10686	10746	9901	10904	15101	15003	15088	14483	15201	23
22	7101	6906	70F6	6561	72F3	108C1	10606	10746	12208	10904	15101	15003	15088	14383	14303	22
21	7101	6906	70F6	6561	72F3	108C1	10606	10746	12208	10904	15101	15003	15088	14383	15201	21
20	7101	6906	70F6	63C4	72F3	108C1	10506	10746	10136	10903	15101	15003	15088	14383	15201	20
14	73F1	6905	6448	63A4	89A1	10908	10605	10265	10104	12501	15206	15003	15681	14381	16806	14
13	73F1	6606	6304	71E6	89A1	10908	10303	10106	10366	12501	15206	13933	15661	14406	16806	13
12	73E1	6881	63C4	7166	98C8	10908	10501	10186	10876	12406	15206	14883	15661	14486	16803	12
11	73F1	75F1	76E8	79F6	88G6	10908	11106	11208	11504	12463	15206	15401	15661	16501	16403	11
10	73F1	75F1	7401	8306	92A6	10908	11106	11383	11941	12308	15206	15401	15661	16501	16403	10
04	74C3	75F1	7486		7583	110E6	11106	11063			15306	15401	15388		14636	04
03	74C3	7743	7486	7963	82F8	110E6	11361	11063	11504	11804	15306	15401	15388	15826	14686	03
02	74C3	8588	7486	6506	6768	110E6	12103	11068	10301	10501	15306	16103	15388	15503	15406	02
01	74C3	65F6	7486	7761	67F8	110E6	10361	11063	11361	10501	15306	15708	15388	16241	14686	01
00	74C3	7266	7486	8601	67F1	110E6	10936	11068	12146	10484	15306	15243	15388	16563	14683	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 750 CB

ISSUE 98B CB

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C44

BELL TELEPHONE LABORATORIES INCORPORATED 6S

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	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	2868	CODE
OPTION													OPTION
54	6006	9388	6006	9388	99F6	130C3	99F6	130C3	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	10686	99F6	10686	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	9686	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	16188	n	16188	42
41	j	96D6	j	96D6	k	134E3	k	134E3	m	176D6	m	176D6	41
40	j	93C3	j	93C3	k	12988	k	12988	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	13286	j	13286	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	11388	j	176C1	j	176C1	24
23	g	95F6	g	95F6	h	13288	h	13288	h		h		23
22	g	95E8	g	95E8	h	133E1	h	133E1	h	175B1	h	175B1	22
21	f	66A1	f	66A1	g	13383	g	13383	g	175B3	g	175B3	21
20	e	d	e	d	f	d	f	d	f	d	f	d	20
14	d	35C8	d	95C8	e	13381	e	13381	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	12986	c	12986	c	151H3	c	151H3	12
11	a	c	a	c	b	c	b	c	b	c	b	c	11
10	6706	b	6706	b	a	b	a	b	a	b	a	b	10
04	93A3	a	93A3	a	129F6	a	129F6	a	15136	a	15136	a	04
03	95D1	8003	95D1	8003	131D8	11601	131D8	11601	175C3	173C8	175C3	173C8	03
02		6004		6004		13483		13483		175E1		175E1	02
01	9666	93F1	9666	93F1	13486	12906	13486	12906	176F1	15186	176F1	15186	01
00		86F6		96F6		122F3		122F3		17338		17338	00
COIL	19A6	1986	19E6	19F6	19A6	19B6	19E6	19F6	19A6	1986	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	1986	
	RTO	19E6	
	RTOA	19F6	

NOTES:

1.
a	LQ	6084
	LP	6706
b	LQ	60C6
	LP	6706
c	LP	6706
	LQ	70D6
d	LP	6706
	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	67B8,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	9686
h	LQ	75F3
	LP	96G3

3.
a	LP	104D8
	LQ	104F8
b	LP	104D8
	LQ	9984
c	LP	104D8
	LQ	99H4
d	LP	104D8
	LQ	107F6
e	LQ	103D1
	LP	104D8
f	LQ	10284
	LP	104G4
g	LQ	104D1
	LP	104G4
h	LQ	102C6
	LP	104G4
j	LP	103D4
	LQ	12786
k	LP	100E1
	LQ	12803

4.
a	LP	131C3
	LQ	13388
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	13483
h	LQ	11188
	LP	13481

5.
a	LP	148D1
	LQ	148E1
b	LQ	140C6
	LP	148D1
c	LQ	140D8
	LP	148D1
d	LP	148D1
	LQ	15006
e	LQ	146C1
	LP	148D1
f	LQ	14481
	LP	147F3
g	LQ	146E8
	LP	147F3
h	LP	147F3
	LQ	158F3
j	LG	140A8
	LP	147F3
k	LP	146A3
	LQ	17186
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	14?E8
	LP	175F1

7.
a	LK	106F4
	LM	111C1
b	LK	106D4
	LM	111C3
c	LM	105F3
	LK	106B3
d	LM	10308
	LK,UI	11963
e	LM	10308
	LK,UI	119F3

APP FIG 157

RELAY						
DESIG	TCA					
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			2480			

a	8181 11666 16086
b	80F8 116E6 160F3
c	80E8 116C6 16003
d	7288 10906 152C3

APP FIG 158

RELAY	(FOR USE WITH TABLE 1)		(FOR USE WITH TABLE 1B)				
DESIG	V4(-)		V4(-)				DESIG
CODE	2868		2868				CODE
OPTION							OPTION
54			10006				54
53			10006				53
52			10208				52
51			10208				51
50			10208				50
44			e				44
43			d				43
42	50C8		12506				42
41	42C1		12508				41
40							40
34			111G3				34
33			111F1				33
32			110E8				32
31	52E3		13406				31
30	52E3		13306				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	3403		101F8				10
04	3403		101F8				04
03	3403		101F8				03
02	3403		101F8				02
01	3403		101F8				01
00	3403		101F8				00
COIL	18A4		18A4				COIL
NETWORK			SEE NOTE 7				

OPT	DESIG	LOC	CODE
	V4(-)	18A4	180A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 98B

BELL LABORATORIES | SD-25805-01- | C45

SD-25805-01-045

APP FIG 159

RELAY

DESIG	LTP		LTP1		TTL		TTP		TTP1		TVPO		TVP1								DESIG
CODE	AF32		AF20		AF16		AF32		AF20		AF32		AF32								CODE
OPTION																					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	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		EBA								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		EBM		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	X	1A/H5	X	1A/G6	X	4E7	X	1A/H6	X	1A/G7	X	1A/H3	X	1A/H3	X		X		X		COIL

NETWORK

OPT	DESIG	LOC	CODE
	LTP	1A/G5	185A
	LTP1	1A/G7	

APP FIG 160

RELAY

DESIG	TVA(-)		TVA1(-)		TVB(-)		TVT(-)												DESIG
CODE	AF64		AF24		AF83		AF111												CODE
OPTION																			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	X
12	EMB		M	6F4	M		EM												12
11	M	9C1	M	1102	M		M	9H1											11
10	M	29F/D5	M	2E5	M		M	6F4											10
9	M		M	26H5	M		M	1A/A1											9
8	M	9E1	M	11F4	M	3E3	EBM												8
7	BX		M		M	2E5	B	13C8											7
6	EMB		M		M		EMB	381,82											6
5	BM		M	22F7	M		M												5
4	M		M	27G1	M		EBM												4
3	BM	1308	M	29H1	M		M	1101											3
2	M	202	M	28F7	M	15C6	M	2C7											2
1	M	2E3	M	28D7	M	1806	M	9H1											1
COIL	X	1A/B1	X	9E1	X	1A/B1	X	381,82	X		X		X		X		X		COIL

DRAWING ISSUE 750

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C46

BELL TELEPHONE LABORATORIES INCORPORATED 65

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APP FIG 161

RELAY

DESIG	(FOR USE WITH TABLE I) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	(FOR USE WITH TABLE IA) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	(FOR USE WITH TABLE IB) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	DESIG
CODE	286B	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	92B9	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	92D6	72F1	89G8	92G1	104E3	129E1	109D1	126D1	129C6	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	104E3	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	106F1	122B3	106C8	131B1	31
30	35D1	45B3	50F6	52E3	47G6	65H6	90D6	86C6	96B3	70G1	103H1	126A8	122B3	134D6	107B4	30
24	32G6	45B3	50F6	53F3	52G6	61C4	90B6	86G3	96B3	70E1	100B1	126E6	122C1	133E6	107F1	24
23	32G6	45G1	50F6		56F1	61C4	90F3	86G3		89F1	100B1	12686	122C1		131B3	23
22	32G6	45G1	50F6	45E3	55B8	61C4	90F3	86G3	90C8	76C8	100B1	12686	122C1	127A1	112C8	22
21	32G6	45G1	50F6	45E3	33F3	61C4	90F3	86G3	90C8	95E3	100B1	12696	128E1	127A1	132B3	21
20	32G6	45G1	50F6	45E3	47G8	61C4	90F3	86G3	90C8	76B3	100B1	12686	122C1	127A1	112F4	20
14	32G1	38F8	55B1	44B1	30D8	60F6	71B1	91F8	78A6	59A4	9986	10881	128E1	114C6	98A4	14
13	32G1	53G8	55B1	44B1	30D6	60F6	90G6	91F8	78A6	5981	9986	12608	129E1	114C6	9881	13
12	32G1	53G8	55B1	44B1	44B3	60F6	90G6	91F8	78A6	7808	9986	12608	129E1	114C6	11406	12
11	32G1	53G8	55B1	43G8	44B8	60F6	90G6	91F8	78A6	7903	9986	12608	128E1	114C6	115G1	11
10	32G1	53G8	55B1	43G8	52D8	60F6	90G6	91F8	78A6	90E1	9986	12608	128E1	114C6	126G1	10
04	31C6	38G3	55B1	43G8	42D8	59C8	70E3	91D8	78F3	77D3	9848	107F4	123C1	114G4	113A4	04
03	31C6	38G3	55B1	43G8	33C3	59C8	70E3	91D8	78F3	95E6	9848	107F4	128C1	114G4	132D6	03
02	31C6	38G3	55B1	43F8	53C6	59C8	70E3	91D8	78E3	9003	9848	107F4	128C1	114E4	126G3	02
01	31C6	38G3	55B1	43D8	52B8	59C8	70E3	91D8	78C3	72E8	9848	107F4	123C1	114C4	10906	01
00	31C6	38G3	55B1	43D8	5608	59C8	70E3	91D8	78C3	7098	9848	107F4	128C1	114C4	10703	00
COIL	18D8	18D8	18D8	18C8	18C8	1808	1808	1808	18C8	18C8	1808	18C8	1808	18C8	18C8	COIL

RELAY

DESIG	(FOR USE WITH TABLE ID) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)	(FOR USE WITH TABLE IE) V0(-)	V1(-)	V2(-)	V3(-)	V4(-)			DESIG
CODE	286B	286B	286B	286B	286B	286B	286B	286B	286B	286B			CODE
OPTION													OPTION
54	13588		136C1		136F8	148B1	146F6	151F8		151B3			54
53	13588	13688	136C1		136F8	148B1	164C6	151F8	145G3	151B3			53
52	13588	13706	136C1		136F8	148B1	141B3	151F8	168F6	151B3			52
51	13588	13701	136C1	137E6	136F8	148B1	164D8	151F8	142F3	151B3			51
50	13583	13703	136C1	13686	136F8	148B1	172D4	151F8	175B6	151B3			50
44	13506	137E3	136C1	136D6	137E3	147E3	172C4	15138	176E6	171E6			44
43	13506	137E3	136C1		137E3	147E3	172C4	15188	156C3	171E6			43
42	13506	137E3	136C1		137E3	147E3	172H1	15138	169G3	171E6			42
41	13506	137E3	136C1	136H6	137E3	147E3	172F1	15138	162G3	171E6			41
40	13506	137E3	136C1	13508	137E3	147E3	172F1	15188	150E1	17206			40
34	135E6		136F8	13508	137C6	146F1	149C6	166F1	150E1	164C3			34
33	135E6		136F8	13508		146E1	149C6	166F1	150E1	14803			33
32	135E6		136F8	13508	135E6	146E1	149C6	166F1	150E1	17686			32
31	135E6		136F8	13508		146E1	149C6	166F1	150E1	173E3			31
30	135E6		136F8		136A8	146E1	157B6	166F1	174A8	17283			30
24	135E3	136E3	136F8		137G1	141C6	157G3	166C1	174E6	172F6			24
23	135E3	136E3	136F8		13786	141C6	157G3	166C1		156F6			23
22	135E3	136E3	136F8		137A6	141C6	157F3	166C1	157F6	17346			22
21	135E3	136E3	136F8			141C6	157F3	166C1	157F6	17588			21
20	135E3	136E3	136F8		13606	141C6	157F3	166C1	157E6	155G1			20
14	135D3	13681	137D3	137C1	13583	140G8	151D1	17183	151D8	13983			14
13	135D3		137D3	137C1		140G8	157C6	17183	151D8	139C1			13
12	135D3		137D3	137C1		140G8	157C6	17183	151D8	15881			12
11	135D3		137D3	137C1	136C3	140G8	157C6	17183	151D8	158C6			11
10	135D3		137D3	137C1		140G8	157C6	17183	151D8	169E6			10
04	135C3	135E8	137D3	137C1			15086	17183	151G6	156C6			04
03	135C3	135E8	137D3	137C1	135A6		15086	17183	151G6	17603			03
02	135C3	135E8	137D3	137C1	13783		15086	17183	151G6	169E8			02
01	135C3	135E8	137D3	137C1	137H1		15086	17183	151G6	152E3			01
00	135C3	135E8	137D3	137C1	137C6		15086	17183	151G6	155C8			00
COIL	18D8	18D8	18D8	18C8	18C8	18D8	18D8	1808	18C8	18C8			COIL

NETWORK

OPT	DESIG	LOC	CODE
	V0(-)	18D8	180A
	V1(-)	18D8	
	V2(-)	18D8	
	V3(-)	18C8	
	V4(-)	18C8	

APP FIG 162

RELAY

DESIG	RT		RT1					
CODE	4F57		4F57					
OPTION								
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC
12	M		M	14H7				
11								
10	M	13D6	M	13G6				
9								
8	E8M	13D6	E8M	13G6				
7								
6	E8M	13D6	E8M	13G6				
5								
4	M	13A6	M	13B6				
3								
2	M	13A6	M	13B6				
1								
COIL		12D3		12G4				

DRAWING ISSUE 750

ISSUE 101A

· MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C47

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

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APP FIG 163

RELAY	(FOR USE WITH TABLE IA)				(FOR USE WITH TABLE IB)				(FOR USE WITH TABLE IE)								DESIG
DESIG	D0(-)	D1(-)	D2(-)		D0(-)	D1(-)	D2(-)		D0(-)	D1(-)	D2(-)						CODE
CODE	2868	2868	2868		2868	2868	2368		2868	2868	286B						OPTION
OPTION			TP				TP				TP						54
54	7881	73D1			113F8	113G8			157F1	157G1	155C3						53
53		72C1				109A1			147C8		169E3						52
52		67C6				104F6					153D8						51
51	94F1				130F6				174F1		146A8						50
50	94D1	66E6			130E6	104B1			178C1	146D8	168H1						44
44	61C6	84E6			100A4	120C1			141B3		163C1						43
43	61C6	8236			100A4	118A1			141F8		163E1						42
42	61C6	66E6			100A4	104B1			141D8	146D8	163B1						41
41	6186	65D6			100A4	104B1			147C8	146C8	163B1						40
40	6186	6606			100A4	104A1			141B8	136C8	163B1						34
34		72F8				109G6			151C1		149D6						33
33									16003		151D6						32
32	6138	61E8			100F4	10096			156E1	142F1	144A3						31
31	6188	6101			100F4	9908			156C1	141F3	140E3						30
30	6188	60F8			100F4	99A8			155E1	141C3	140E3						24
24	6188	76C1	72B1		100F4	112H1	10981		156D1	154C8	14003						23
23	87C3	8903	63E6		123E1	12503	102C6		16688	168C8	14003						22
22	87C3	8046	8836		123E1	116G1	12408		15648		168G3						21
21	8733	80H3	88A6		12301	116G1	12403		16606		168F3						20
20	8733	7986	86E1		12301	11504	12106		16506		16335						14
14	61F8	59E4	61C8		10096	98F4	10004		14201	13903	14748						13
13	61F6	59F4	61A8		10084	98F4	100F4		15681	139E3	14706						12
12	6008	75E3	61A8		99H6	11106	100F4		14143	154A3	14706						11
11	59E4	88D1	61A8		93E4	12481	100F4		13903	16706	14736						10
10	5986	79C6	61A8		9386	115E4	100F4		13906	153E8	14706						04
04	6786		61G8		104E6	117C1	10004		14708		14706						03
03	67C6	75E3	61E6		104E6	111H6	10004		14708	15483	14706						02
02	61F6	7601	61E6		10004	112H1	10004		15631	154C8	14706						01
01	61F6	89E3	61E6		10004	12503	10004		15631	16303	14706						00
00	61F6	8801	61E6		10004	124C1	10004		15661	16706	14706						COIL
COIL	168/A3	168/A3	168/B3		168/A3	168/A3	168/B3		168/A3	168/A3	168/B3						

NETWORK

OPT	DESIG	LOC	CODE
	D0	16B/A3	180A
	D1	16B/A3	
TP	D2	16B/B3	

APP FIG 164

RELAY	(FOR USE WITH TABLE IA)				(FOR USE WITH TABLE IB)				(FOR USE WITH TABLE IE)								DESIG
DESIG	E0(-)	E1(-)	E2(-)		E0(-)	E1(-)	E2(-)		E0(-)	E1(-)	E2(-)						CODE
CODE	2868	2868	2868		2868	2868	2368		2868	2868	286B						OPTION
OPTION		TA	SL			TA	SL			TA	SL						54
54	6C38	72E4	67D1			10984			147D1	151C8	147G1						53
53	7586	72E4	66C1		111D8	10984			153C3	151C8	14603						52
52	76F1	72E4	62E4		11384	10394			15728	151C8	140F6						51
51	9131	72E4	7506		127F1	10984			13871	151C8	151G3						50
50	7206	72E4	75A8		109C6	10984			15943	151C8	15343						44
44	9503	7283	76C3		132F1	109F1			17523	151F6	15583						43
43	6098	7283	94E8			109F1			14101	151F6	17581						42
42	65E8	7283	95F1			109F1			14603	151F6	12383						41
41	74E3	7283	94A8		110F6	109F1			15306	151F6	17408						40
40		7283	9498			109F1				151F6	171E8						34
34		86E6	8206			122D3				166E1	162F1						33
33		86E6	89F1			122D3				166E1	168H6						32
32		86E6	9408			122D3				166E1	164F3						31
31		85E6	8803			122D3				166E1							30
30		9665				122D3				166E1							24
24		8836				122G1				166C1							23
23	76D3	8636	67A1		112G4	122G1			155D3	166C1	14701						22
22	7603	8686	6781		112F4	122G1			15503	166C1	147E1						21
21	6636	8686	82F3		103F8	122G1			14686	156C1	161E8						20
20	66C1	8686	82E3		103E4	122G1			14663	156C1							14
14	9183	8716	6781		127F3	12303			17706	16701	147E1						13
13	8763	7486	9161		12383	11008			15781	15308	13206						12
12	8763	8736			12383	12303			16781	16701							11
11	87F3	7206			123A3	109C6			15731	15583							10
10	87F3	74C6			12343	110C8			16741								04
04	8206	63E1			113D1	10104			162F1	142F8							03
03	8066	63E1			116E4	101E4			150F1	143A1							02
02	65D3	63C1			113C4	101C3			145F3								01
01	75C3				111E6				154F1								00
00	9103				11731				150F8								COIL
COIL	168/C3	168/D3	168/D3		168/C3	168/D3	168/D3		168/C3	16B/D3	168/03						

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																
BOT	1,2	M	25G3															
COIL			25G7															

APP FIG 166

RELAY	MTD/W (RF)		MTD/W (SEF)		MTD/W (HN1,3,5,7,9) HN0,2,4,6,8		MTD/W (HN0,2,4,6,8) HN1,3,5,7,9		MTD/W (JC1,3,5,7,9) JC0,2,4,6,8		MTD/W (JC0,2,4,6,8) JC1,3,5,7,9		MTRA		MTD/W (EF)		MTD/W (EXB)		MTD/W (T1,3,5,7,9) T0,2,4,6,8		DESIG
DESIG	EF		EXB		HN0,2,4,6,8		HN1,3,5,7,9		JC0,2,4,6,8		JC1,3,5,7,9		JM		RF		SEF		T0,2,4,6,8		CODE
CODE	1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20		1/2 AK20		AE24		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					E3M		3
2	EBM		EBM	25F1	EBM				EBM				M	25D7					E3M		2
1	M	25F3	M		M	25B3			M	25D3			M	25A0					M	2583	1
COIL		25E6		25E1		25A6		25A6		25D6		25D6		25F6		2580				2586	COIL

RELAY	MTD/W (TO,2,4,6,8)		MTD/W (U1,3,5,7,9)		MTD/W (U0,2,4,6,8)		MTD/W SPARE														DESIG
DESIG	T1,3,5,7,9		U0,2,4,6,8		U1,3,5,7,9		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	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	
12	M				M		M														12
11	M				M		M														11
10	M	2583			M	25C3	M	25G3													10
9																					9
8																					8
7																					7
6																					6
5																					5
4																					4
3			E3M																		3
2			E3M																		2
1			M	25C3																	1
COIL		2586		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	IE/E5	4,5	M										
	1,2,3	BM	IE/F4	1,2,3	BM	IE/F5	1,2,3	MB	IE/A5									
BOT	1,2,3	MB	IE/H4	1,2,3	MB	IE/H5	1,2,3	BM	4F4									
							4,5	M										
							6,7	M	6E7									
							8,9	M										
COIL			IE/G4			IE/G5			IE/E5									

APP FIG 168

RELAY	TVP0		TVP1																		DESIG
DESIG	TVP0		TVP1																		CODE
CODE	AF32		AF32																		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																		12
11																					11
10	E3M		E3M																		10
9																					9
8	E3M		E3M																		8
7																					7
6	EMB	IA/G1	EMB	IA/G0																	6
5																					5
7	EMB	IB/G0	EMB	IB/G0																	4
3																					3
2	EMB	IA/E1	EMB	IA/E0																	2
1																					1
COIL		IA/E0		IA/E0																	COIL

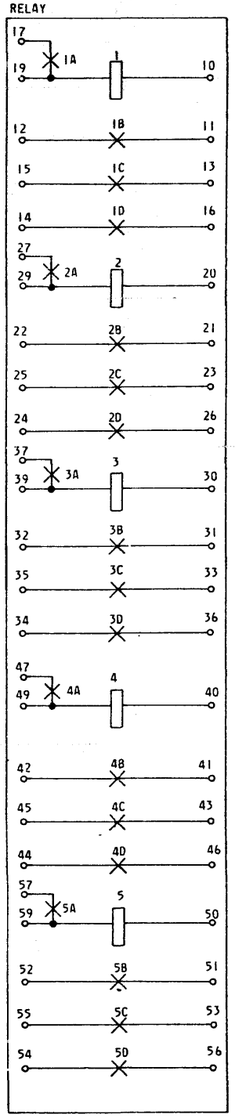
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S | ISSUE 988

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	CSG11						DESIG
CODE	3188					3188					318C					318C					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 COIL
COIL 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
A LOC																															A LOC
CONT 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/A7	29A/B7		29A/G3	29A/H3						B LOC CONT
POS 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/A7	29A/B7		29A/G3	29A/H3						C LOC POS
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/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	3188					3188					3188																			CODE
OPTION																														OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5															POS COIL
COIL LOC	298/A2	298/A2	298/A2	298/A2	298/A2	298/B2	298/B2	298/B2	298/B2	298/B2	298/C2	298/C2	298/C2	298/C2	298/C2															LOC
A LOC																														A LOC
CONT B LOC	298/A2	298/A2	298/A2	298/A2	298/A2	298/B2	298/B2	298/B2	298/B2	298/B2	298/C2	298/C2	298/C2	298/C2	298/C2															B LOC CONT
POS C LOC	298/A2	298/A2	298/A2	298/A2	298/A2	298/B2	298/B2	298/B2	298/B2	298/B2	298/C2	298/C2	298/C2	298/C2	298/C2															C LOC POS
D LOC	298/A2	298/A2	298/A2	298/A2	298/A2	298/B2	298/B2	298/B2	298/B2	298/B2	298/C2	298/C2	298/C2	298/C2	298/C2															D LOC

APP FIG 171

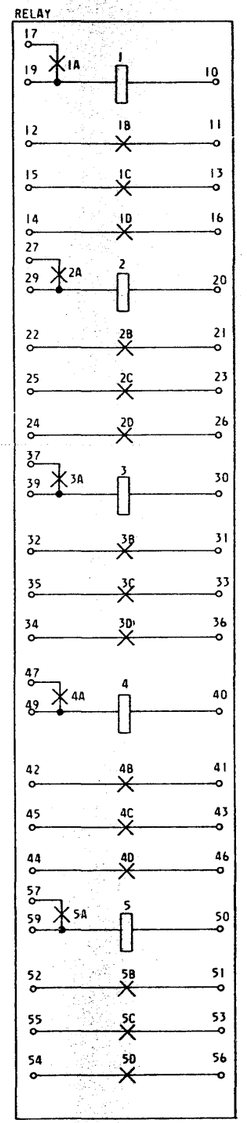
DESIG	G0	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	G18	G19	TG0	TG1	TG2	TG3	TG4	TG5	TG6	TG7	TG8	TG9	DESIG
CODE	3188					3188					3188					3188					3188					3188					CODE
OPTION																															OPTION
COIL POS	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	POS COIL
COIL LOC	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	LOC
A LOC																															A LOC
CONT B LOC	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	B LOC CONT
POS C LOC	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	C LOC POS
D LOC	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/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	3188					3188					3188					3188					3188					3188					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	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	LOC
A LOC																															A LOC
CONT B LOC	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	B LOC CONT
POS C LOC	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	C LOC POS
D LOC	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/F2	298/D2	298/D2	298/D2	298/D2	298/D2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/E2	298/F2	298/F2	298/F2	298/F2	298/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	3188					3188					3188					3188					3188					3188					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	298/C6	298/C6	298/C6	298/C6	298/C6	298/C6	298/C6	298/C6	298/C6	298/C6	298/D6	298/D6	298/D6	298/D6	298/D6	298/D6	298/D6	298/D6	298/D6	298/D6	298/E6	298/E6	298/E6	298/E6	298/E6	298/E6	298/E6	298/E6	298/E6	298/E6	LOC
A LOC																															A LOC
CONT B LOC	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	B LOC CONT
POS C LOC	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	C LOC POS
D LOC	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/C7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/D7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	298/E7	D LOC

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	3188					3188					3188					3188					3188					3188					CODE
OPTION																									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
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 CONT POS
CONT POS 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
CONT POS 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	3188					3188					3188					3188					3188					3188					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	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
CONT POS 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 CONT POS
CONT POS 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	3188					3188					3188					3188					3188					3188					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	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 CONT POS
CONT POS 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
CONT POS 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

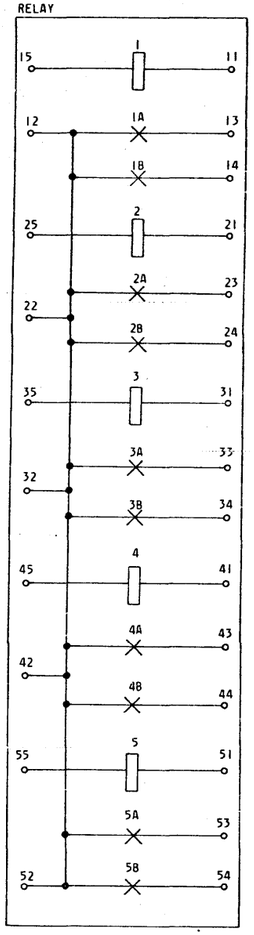
ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C51

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 8S

SD-25805-01-C51

RELAY



APP FIG 175

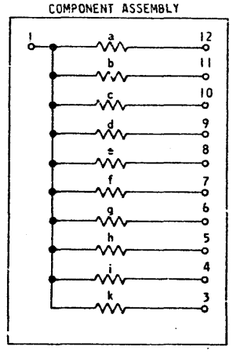
DESIG		TOR0	TOR1	TOR2	TOR3	TOR4	TOR5	TOR6	TOR7	TOR8	TOR9
CODE		293C					293C				
OPTION											
COIL	POS	1	2	3	4	5	1	2	3	4	5
	LOC	29F/A3	29F/B3	29F/B3	29F/C3	29F/C3	29F/D4	29F/E4	29F/E4	29F/F4	29F/F4
CONT POS	A LOC	29F/A5	29F/B5	29F/B5	29F/C5	29F/C5	29E/C5	29F/F5	29F/F5	29F/G5	29F/G5
	B LOC	29F/A5	29F/B5	29F/B5	29F/C5	29F/C5	29E/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

DESIG		T8(-) (FOR USE WITH TABLE I)						T8(-) (FOR USE WITH TABLE IB)					
CODE		U829						U828					
OPTION													
		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			

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

DRAWING ISSUE 75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-C52

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C52

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	16088															53
52	155E1	17183															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	16B/E3	16B/E3															COIL

NETWORK

OPT	DESIG	LOC	CODE
RM	FO(-)	16B/E3	180A
RM	FI(-)	16B/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 75D

ISSUE 98B

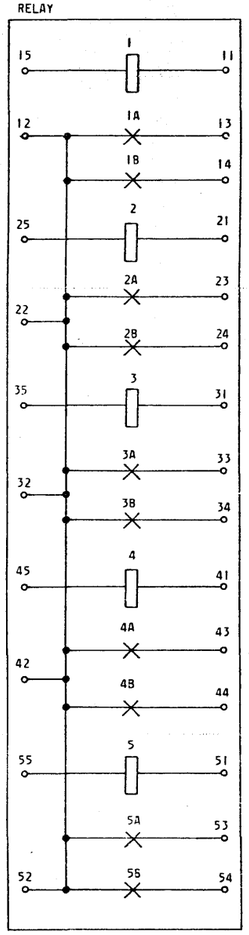
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C53

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-C53

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 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 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	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	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 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 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

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	IE/F1	1,2,3	BM	IE/F1											
BOT	1,2,3	MB	IE/H1	1,2,3	MB	IE/H1											
COIL			IE/G1			IE/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	1437											
	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			1206											

NETWORK

OPT	DESIG	LOC	CODE
	RM	1206	1860

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	IE/E3	4,5	M		4,5,6	BM	24B6								
	1,2,3	BM	IE/F2	1,2,3	MB	IE/A3	1,2,3	BM	IE/F2								
BOT	1,2,3	MB	IE/H2	1,2,3	BM	4F6	1,2,3	MB	IE/112								
				4,5	M		4,5	M									
				6,7	M	6E7											
				8,9	M												
COIL			IE/G2			IE/E2			IE/G2								

NETWORK

OPT	DESIG	LOC	CODE
	REP	IE/G2	185A
	REP1	IE/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	IE/F5	4,5	M	IE/E6	4,5	M									
	1,2,3	BM		1,2,3	BM	IE/F6	1,2,3	MB	IE/A6								
BOT	1,2,3	BM		1,2,3	MB	IE/H6	1,2,3	BM	4F4								
	4,5	M					4,5	M									
							6,7	M	6F7								
							8,9	M									
COIL			IE/B9			IE/G5			IE/E6								

APP FIG 186

RELAY																	
DESIG	SSP																
CODE	U168																
OPTION	08																
	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	IE/F0														
BOT	1,2,3	MB	IE/H0														
COIL			IE/G0														

NTEWORK

OPT	DESIG	LOC	CODE
08	SSP	IE/G0	185A

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MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-C55

BELL TELEPHONE LABORATORIES INCORPORATED SHEET 65

SD-25805-01-C55

E-1422-B-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	E8M	28B1	E8M		E8M	1D/F5													8
7	B	13E3	B	13E3															7
6	EMB		EMB	7A5	EMB	1D/G5													6
5	M	10F1	M																5
4	E8M		E8M		M														4
3	M	3H1	M	1D/B5															3
2	M	2D7	M	2A7	M														2
1	M	3H5	M	2F7	M														1
COIL	X	1D/A3	X	784	X	1D/G4	X		X		X		X		X		X		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
9																			8
7																			7
6																			6
5																			5
4																			4
3																			3
2																			2
1																			1
COIL	X		X		X		X		X		X		X		X		X		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	15A/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	X	1D/A4	X	1D/A4	X		X		X	

NETWORK

OPT	DESIG	LOC	CODE
	MKA(-)	1D/A3	177C
	MKB(-)	1D/A4	
	MKT(-)	784	
	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	27D1	M	11C1	M							
9	M	27C7	M	6C4								
8	E8M		E8M		E8M	1D/F3,F4						
7	B	13F3	B	13G3								
6	EMB		EMB	7A2,A3	EMB	1D/G3						
5	M	10F1	M									
4	E8M		E8M		M							
3	M	3H2	M	1D/B3								
2	M	2D7	M	2B7	M							
1	M		M	2F7	M							
COIL	X	1D/A2	X	782,B3	X	1D/G2,G3	X		X		X	

NETWORK

OPT	DESIG	LOC	CODE
	MKA2(-)	1D/A2	185A
	MKB2(-)	1D/A2	
	MKT1(-)	782,83	
	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	X	1D/A2	X		X	

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ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-C56

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-C56

APP FIG 189

RELAY		PPR3				
DESIG		U168				
CODE		OP				
OPTION						
	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		PPR4				
DESIG		U168				
CODE		OP				
OPTION						
	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		PPR5				
DESIG		U168				
CODE		OT				
OPTION						
	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		PPR6				
DESIG		U168				
CODE		OT				
OPTION						
	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		PPR7				
DESIG		U168				
CODE		OT				
OPTION						
	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	1E/E7		
COIL		1E/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
12	EBM	1F/G7	EBM			
11	EBM	1E/C8	EBM	1E/F8		
10	EBM	1E/F7	EBM	6H7		
9	EMB		EBM			
8	EMB	1E/G8	EMB			
7			EBM	1F/F7		
6			EMB			
5			EMB	1E/A8		
4			EBM	7G9		
3			EBM	10C4		
2			EBM	10D4		
1			EBM	4F3		
COIL		1E/G7		1E/E7		

NETWORK

OPT	DESIG	LOC	CODE
	RTP	1E/G7	185A
	RTP2	1E/E7	

APP FIG 197

(FOR USE WITH TABLE I ONLY)

RELAY	GO(-)	
DESIG	2868	
CODE		
OPTION		
54	5188	
53	5188	
52	48G8	
51	4886	
50	4886	
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	(FOR USE WITH TABLE 1A) HO(-)		(FOR USE WITH TABLE 1B) HO(-)		(FOR USE WITH TABLE 1E) HO(-)	
DESIG	2868		2868		2868	
CODE						
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
12	EMB		EBM			
11			EBM	14G7		
10	EBM		EBM	3F5		
9			EBM	5E3		
8	EBM	1F/B4	EMB			
7			EBM			
6	EMB	1F/F5	EMB	1F/A4		
5			EMB			
4	EBM		EBM	5E3		
3			EBM			
2	EBM	1F/D5	EBM	6A7		
1			EBM	1F/G5		
COIL		1F/G4		1F/C4		

DIODE

OPT	DESIG	LOC	CODE
	ACD	14G7	446F
	ACD1	3F5	446F

NETWORK

OPT	DESIG	LOC	CODE
	ACD	1F/G5	185A
	ACD1	1F/C5	185A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 101A

BELL LABORATORIES

SD-25805-01-

C57

SD-25805-01-C57

CIRCUIT NOTES:

101. (A&M ONLY)

(FOR MTF CONN USING SINGLE SIDED T.R. CARDS)

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	
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	MTC 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	
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	(GD) REL UNIT
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	SMTC FR
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	
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	DMTC FR
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	
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	AMTC FR
W	1-1/3	48V SIG	2 APP FIG. 27	
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 66	
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	

101. (A&M ONLY)

(FOR MTF CONN USING SINGLE SIDED T.R. CARDS)

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	
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	
G		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	MTC FR
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 (81) 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	
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	AMTC FR
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	
M		GROUND	APP FIG. 6 OR 41	
N		GROUND	APP FIG. 6	SMTC FR
P		GROUND	6 OR LESS (81) 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	

* DESIGNATIONS SHALL NOT BE USED

101A.

(FOR NEW MTF CONN - DOUBLE SIDED T.R. CARD)

DESIG	FUSE AMP	POTENTIAL	ONE PER	LOC OF FUSE
A	1-1/3	48V SIG	APP FIG. 1,42,157	
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	MTC FR OR 2SMTC FR
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	
R	1-1/3	48V SIG	APP FIG. 57,164	MTC EXT UNIT
S	1-1/3	48V SIG	4 APP FIG. 178	
U	1-1/3	48V SIG	APP FIG. 52	WB MTC UNIT
* A				
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	DMTC FR OR 2SMTC FR
E	1-1/3	48V SIG	APP FIG. 151	
F	1-1/3	48V SIG	APP FIG. 151	
* A-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	
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				
H	1-1/3	48" 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	MAMTC FR
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

101A.

(FOR NEW MTF CONN - DOUBLE SIDED T.R. CARD)

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	
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)	MTC FR OR 2SMTC FR
K		GROUND	10 APP FIG. 12	
L		GROUND	APP FIG. 6 & ASSOC APP FIG. 3,4,5 OR 87	
M		GROUND	APP FIG. 6,187	
N		GROUND	APP FIG. 6,187	
P		GROUND	8 OR LESS (82) REL (APP FIG. 150) SEE TABLE IA-"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				
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	AMTC FR
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	
AB		GROUND	APP FIG. 160	ANI UNIT
AC		GROUND	APP FIG. 162	
AE		GROUND	APP FIG. 199	MTC PREF UNIT
*A-N				
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	MAMTC FR
V		GROUND	APP FIG. 25 & ASSOC APP FIG. 19,20,OR 21	
*W				
X		GROUND	APP FIG. 25	

* DESIGNATIONS SHALL NOT BE USED

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-D1

SD-25805-01-D1

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 163	
R	1-1/3	48V SIG	APP FIG 57,164	
XA				
B	1-1/3	43V SIG	APP FIG 6 OR 41 OR 187 OR 188	SMTC FR OR 2SMTC 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	
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)	DMTC FR OR 2SMTC FR
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	
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	PRIOR TO ISSUE 20D AMTC FR
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	
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				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	
U	1-1/3	43V 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	SMTC FR
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				
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	43V SIG	3 APP FIG 24	
S	1-1/3	48V SIG	APP FIG 25	
AE	1-1/3	46V SIG	APP FIG 55	

* DESIGNATIONS SHALL NOT BE USED

SD-25805-D2

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

ISSUE 98B

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CIRCUIT NOTES: (CONT)
1018. (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 IO FIG 11 (HN REL) & FIG 165	
G		GROUND	2ND IO FIG 11 (T REL) & FIG 40	
H		GROUND	3RD IO FIG 11 (U REL) & FIG 42	
J		GROUND	4TH IO FIG 11 (JC),(MTRA) REL & FIG 45	
K		GROUND	IO 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 IB - "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 IB- "SCT" LEAD	
L		GROUND	FIG 41 & ASSOC FIG 4,5 OR 188	DMTC FR OR 2SMTC FR
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 200				
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)
1018. (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 '62	
				WB MTC UNIT
U		GROUND	APP FIG 52 CONTACT 41 & 42 (P2)	
*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)
1018. 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 (TV8-) 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 (TV8-) 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,IB 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)			157		1 PER CKT
		MARKERS NOT ARRANGED FOR CAMA OR TOLL SCREENING			VA	
		MARKERS 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, YQ	
		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	PH, PX OR TA (SEE NOTE 1145)	1 PER COMPL MKR
33	LINE LINK PULSING PROVIDED						
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-0
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 1B (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 INTF 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	TABLE I	197	NE	
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	NC 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	WITH AMA TRANSLATORS	54	LV	1 PER CKT
		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 220		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		WW, 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
	ANY OR ALL: SIMPLIFIED TSPS-IDDO FOR TABLE I ONLY (SEE NOTE 1193)	YES	66	XO	1 PER CKT
90	CALL DATA TRANSMITTER PROVIDED (SEE NOTE 1192)	NO		IJ	
		YES		IK	
		PREF RELAYS FOR MTF-OFFICE 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)
		CONNECTOR REL	61		1 PER CONTROLLER (MAX 2)

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-05

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

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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		
	ZO	NONE	113,116	ZO		
	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	XR	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		
	XZ	NONE	140	XZ		
19A	WU	NONE	138	WU		
20D			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	WP	
	WV,WX, G OR F	G	102,106,302	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	102,113,158		VI	
23D	VJ OR VK	VK	218		VK,VJ	
	VL	NONE	102,172,181,185,188,191		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	102,137,145	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	102,146,1154	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		
	TD	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)

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BELL TELEPHONE LABORATORIES INCORPORATED

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CIRCUIT NOTES: (CONT)

103. (CONT)

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
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, 1145, 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.

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
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.

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
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	1147	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.

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
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

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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		
79D	NX, LI	APP FIG. 153 WITH NX OR NONE	102, 146	NX, LI		
	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	1166, 1167			LF
	LG, LH	PA OR (PB & APP FIG. 181)				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. 1 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		
	I8,JM	APP FIG.11 OR 166 AND RO WITH JM OR RN WITH I8	102, 146, 1104, 1117, 1119, 1124, 1125, 1134, 1140, 1144, 1145, 1146, 1148, 1150, 1151, 1161, 1174, 1179	JM	I8	
	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			
	XO	NONE	102	XO		
	APP FIG 66	NONE	102	APP FIG 66		
	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 102A

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) "H" OPTION IS REQUIRED IN ALL *(SSC) OFFICES WHERE THE LINE INSULATION TEST CONTROL CIRCUIT IS TO BE ASSOCIATED WITH THE TROUBLE RECORDER FOR CARD RECORDS.

110. CANCELED ON ISSUE 988.

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 "Z8" 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", "RPA3", AND "RPSA" LEADS ARE RUN ON A PER MARKER BASIS, OR PROVIDE "ZP" AND "ZR" 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 X2X 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 "X8" 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 T&L 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, "YH" 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 "NO" 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 988.

146. (FOR DOUBLE SIDED TROUBLE RECORDER CARD - NEW FRAME)(TABLE 1A OR 1E).

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			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 HN, T, U, JC, RF, EF, EXB, SEF, & XSC LEADS (SEE NOTE 1182)			166		45 PER CKT
9	LAMA, CAMA, OR ANI	WITH AMA TRANSLATORS		54	LV	1 PER CKT
		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	

PAR	FEATURE OR OPTION	PROVIDE: APP FIG.	PROVIDE: APP OR WRG	PROVIDE: 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, NW,NX, NY, NZ,LA LN,LP 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 OF ALL	AUTOMATIC RANGE EXTENSION STUCK SENDER TRUNK IDENTIFICATION EXPANDED MARKER FEATURE 100D 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 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
		WHEN NEITHER LAMA NOR ANI IS PROVIDED		XG
24	AUTOMATIC PROGRESSION TRUNK TESTING OR REMOTE OFF. TEST LINE CKT PREFERENCE RELAY (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	30		1 PER CKT
		LAMA, CAMA, OR ANI NOT PROVIDED		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	

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STABILOKE

CIRCUIT NOTES: (CONT)

146. (CONT)

PAR	FEATURE OR OPTION		PROVIDE APP FIG	PROVIDE APP OR WRG	PROVIDE 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 IDDD			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
				TV	
		NOT PROVIDED		TU	
44	POST NO 5 ETS-LLP AND/OR LLP/AIS OPERATION		57	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	PROVIDE APP OR WRG	PROVIDE 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	
		WITHOUT NEW NUMBERING PLAN		OD	
67	FOR OPERATION WITH PRETRANSLATOR CIRCUITS (SEE NOTE 117)	MASTER TEST FRAME OR OFFICE TEST FRAME PROVIDED	31		1 PER CKT
			32		1 PER CKT
			33		1 PER CKT
			34		1 PER CKT IF 3 PRETRANSLATORS ARE PROVIDED
			36		1 PER PRETRANSLATOR
			37		1 PER PRETRANSLATOR
			38		1 PER CKT
		IDDD PRETRANSLATORS PROVIDED	36		1 PER PRETRANSLATOR
			37	OP	1 PER PRETRANSLATOR
				OP	1 PER CKT
			189	OP	1 PER CKT
			190	OP	1 PER CKT
		IDDD 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 PRETRANSLATOR
			37	OT	1 PER PRETRANSLATOR
			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	PROVIDE APP OR WRG	PROVIDE 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	PROVIDE APP OR WRG	PROVIDE 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
			ANI ONLY	162		1 PER CKT
		WITH MASTER TEST FRAME OR OFFICE TEST FRAME PROVIDED		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

DWG SIZE	ISSUE
6S	101A

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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 WITH TROUBLE RECORDER CONN CKT. (A&M ONLY)

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, AND IN WHICH AUTO PROG TRK TESTING WAS INSTALLED PRIOR TO ISSUE 22D, OPTION VI MUST BE PROVIDED FOR TESTING ODD TRUNKS. (A&M ONLY)

155. PRIOR TO ISSUE 20D, OPTION VF WAS NOT SHOWN. TABLE I IS OPTION VF AND SHOWS THE WIRING THROUGH CONNECTOR RELAYS FOR AN OFFICE USING THE SINGLE SIDED TBL RCDR CARD. (A&M ONLY)

156. OPTION VG MUST BE PROVIDED WHEN THE MASTER TEST FRAME CONNECTOR, CONNECTS TO THE WIRE SPRING TRANSVERTER CONNECTOR CIRCUIT. (A&M ONLY)

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 INCOMING TRAFFIC WHEN THESE OFFICES ARE NOT ARRANGED FOR NUMBER GROUP TENS BLOCK SCREENING. (A&M ONLY)

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 FEATURE IS USED. (A&M ONLY)

185. NOTE CANCELLED (SEE NOTE 1181).

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 RATE TREATMENT, PROVIDE OPTIONS VL AND SB. (A&M ONLY)

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 AIOD TRANSLATOR MAKE BUSY CONNECTION ON TEST CALLS IN CIRCUITS EQUIPPED FOR PBX-AIOD 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 8D.

1117. PRIOR TO ISSUE 36D 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 1A, 1B	ZZ
	NOT USING LLP (A&M VERSION)	IN TABLE 1, 1A, 1E	JM, PY, RO, ZZ
		IN TABLE 1B	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 1 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 Y 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 1 (SINGLE SIDED TROUBLE RECORD CARD OFFICES), OPTION R MUST BE REMOVED WHEN INSTALLING OPTION OC. IN TABLE 1A AND 1B (DOUBLE SIDED TROUBLE RECORD CARD OFFICES), OPTIONS RO AND JM ARE REQUIRED WHEN OPTION OC IS ADDED.

1149. WHEN ADDING OPTION PY TO TABLE 1, 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 1A OR 1B 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 1 OR 1B 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	
70D	
72A	
73D	
74A	
75D	

DRAWING ISSUE
99A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-D13

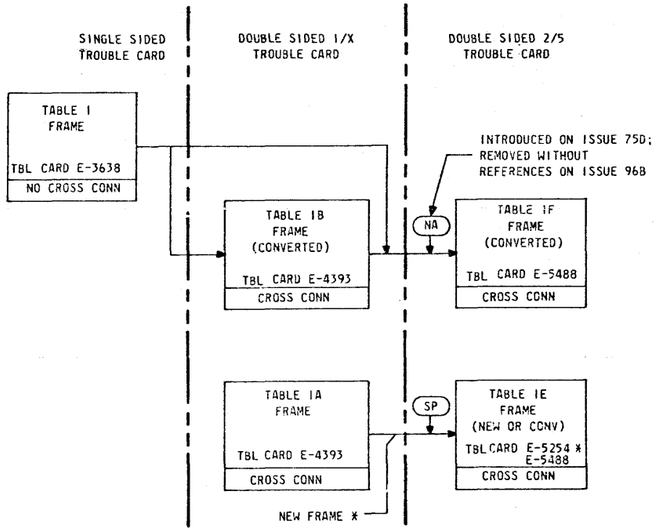
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CIRCUIT NOTES: (CONT)

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 CW,WD,AND VD MUST ALSO BE PROVIDED.

1155. OPTION CW 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 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 790,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 UE 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 OV 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 CRMC 10 TO 15 AND/OR IRMC 9 TO 11 FOR TWO MARKERS, 8 AND 9 OR 10 AND 11 ARE PROVIDED, OPTION JX 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
DRAWING ISSUE
98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-D14

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SIZE CODE 6S

SD-25805-01-D14

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 RQ	-	JH, JR, 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 (C0-C11), DRT (D0-D5) TO E370-E373 IN ACCORDANCE WITH MULTIPLE NOTE WHEN OPTION OE OR AUTOMATIC TROUBLE ANALYSIS (ATA) IS FURNISHED.

B. CONNECT DRT (C0-C11) TO CM LEAD AND DRT (D0-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 XQ 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 OFFICE ARRANGED WITH THE CALL DATA TRANSMITTER: 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 1008, 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 PREREQUISITE 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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SD-25805-01-D15

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 TO 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. 313 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 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 73, 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

SD-25805-01-D17

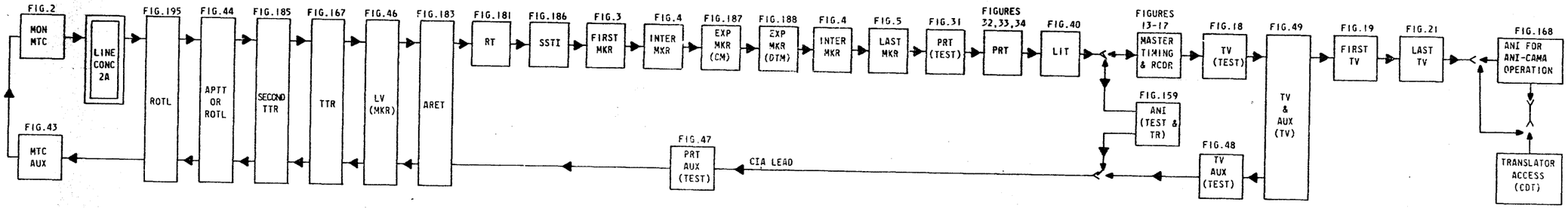
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

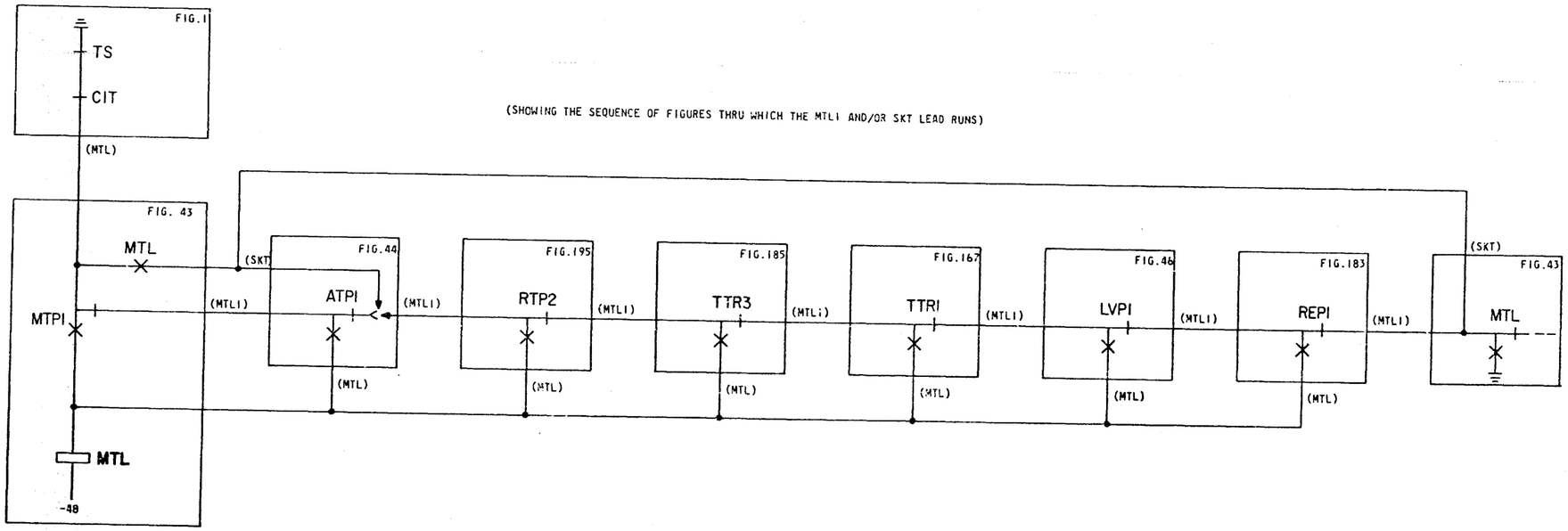
SD-25805-01-D17

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
73D
74A

ISSUE
98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D18

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SD-25805-01-D18

INFORMATION NOTES: (CONT)

302. (MFR DISC.) 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.

FEATURE OR OPTION			PROVIDE		
			FIG.	APP OR WRG	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. (MFR DISC.) PRIOR TO ISSUE 20D THE ARRANGEMENT FOR FEATURES OR OPTIONS, WHICH WERE MADE "MFR DISC" ON 20D WERE SHOWN AS FOLLOWS IN NOTE 102.

FEATURE OR OPTION		PROVIDE		
		FIG.	APP OR WRG	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. (MFR DISC.) 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.

FEATURE OR OPTION	PROVIDE		
	FIG.	APP OR WRG	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 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-D19

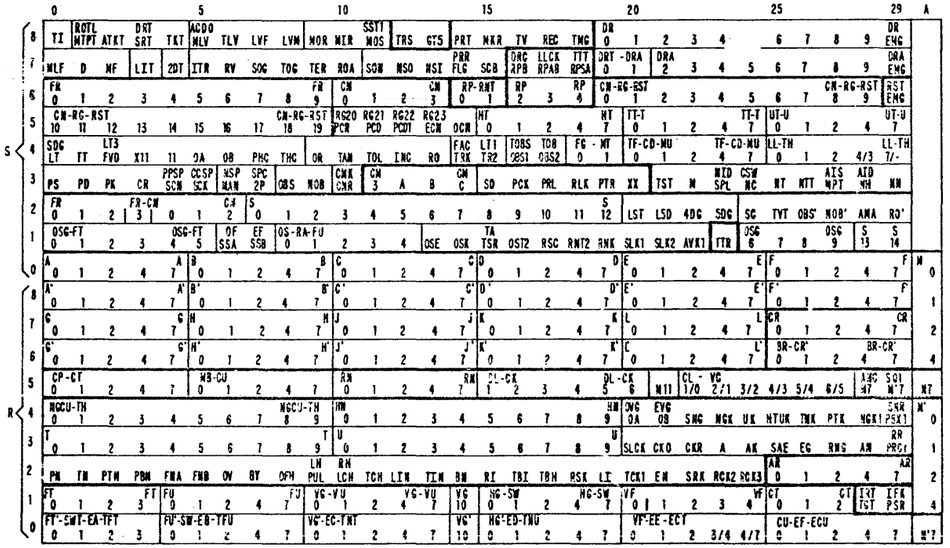
BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-D19

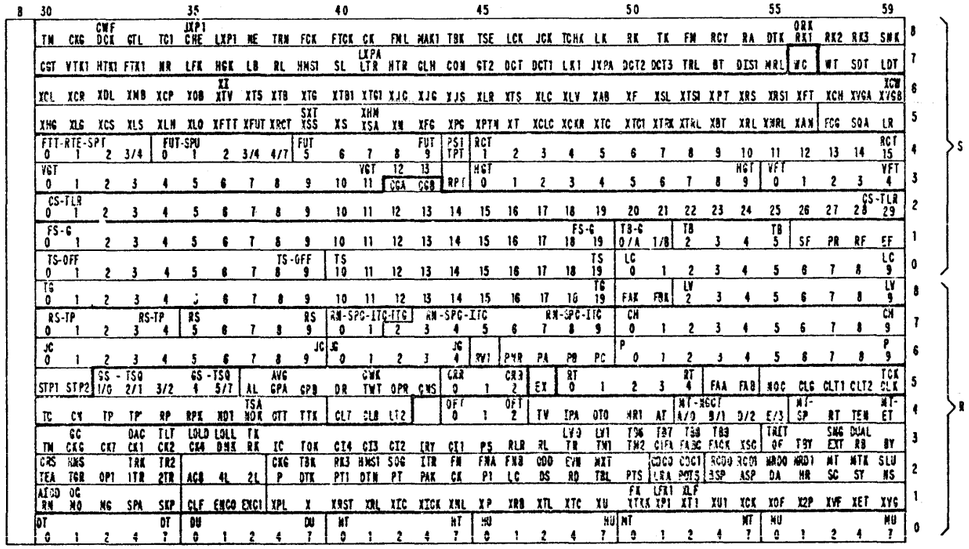
INFORMATION NOTES: (CONT)
1301.NO.5 CROSSBAR SYSTEM TROUBLE RECORDER CARD FOR TABLE I.
E-3638 (2-79)

↑ 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
M0	S0-A
M1	R8-A
M2	R7-A
M4	R6-A
M'0	R4-A
M'1	R3-A
M'2	R2-A
M'4	R1-A
N'7	R5-A
N'7	R0-A

MASTER TEST FRAME CONNECTOR CKT

DWG SIZE 6S

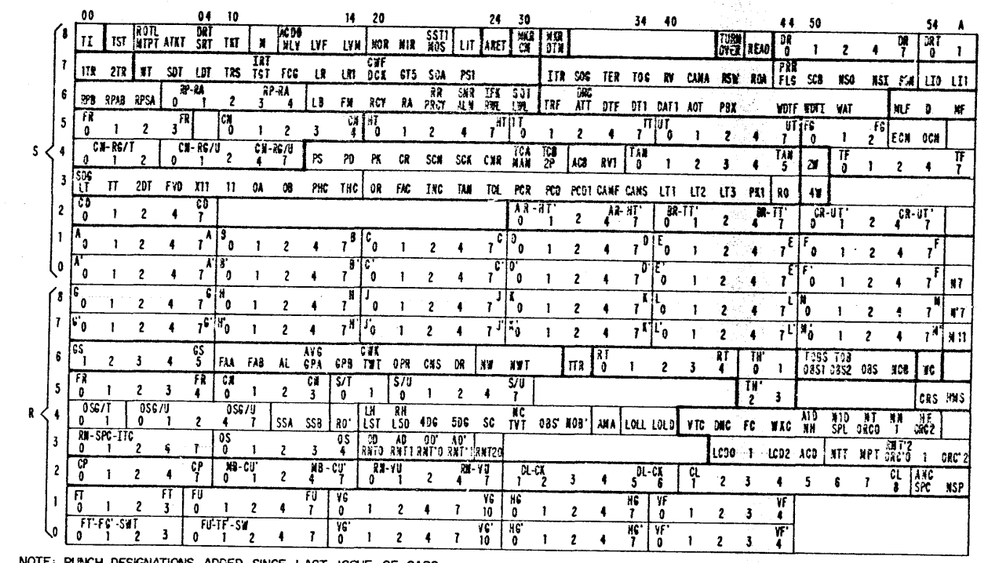
ISSUE 102A

BELL LABORATORIES | SD-25805-01- | D20

SD-25805-01-D20

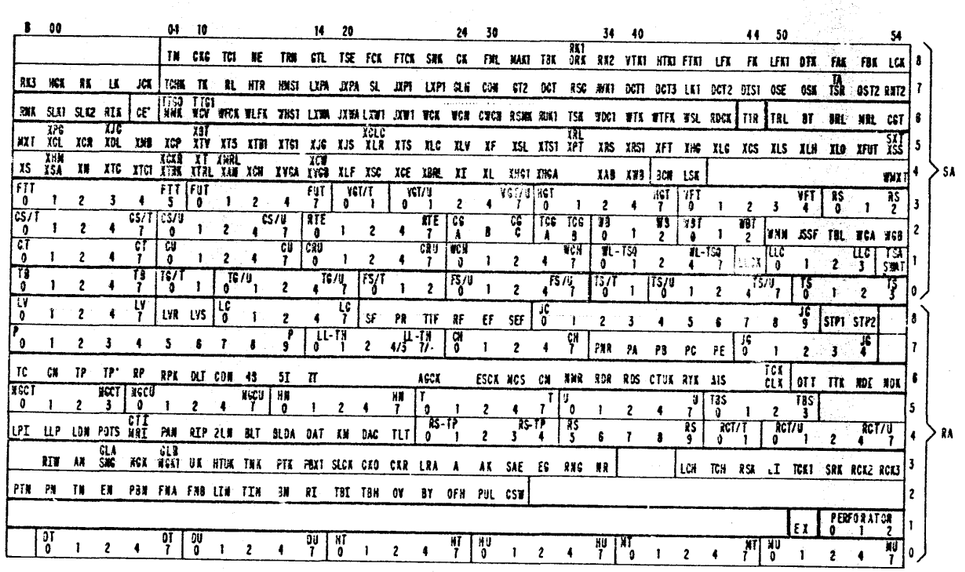
INFORMATION NOTES: (CONT)
1302. NO.5 CROSSBAR SYSTEM TROUBLE RECORDER CARD FOR TABLE IE (2/5 DOUBLE SIDED) E-5488

(FRONT)
(2-79F)
LAST ISSUE DATE OF CARD

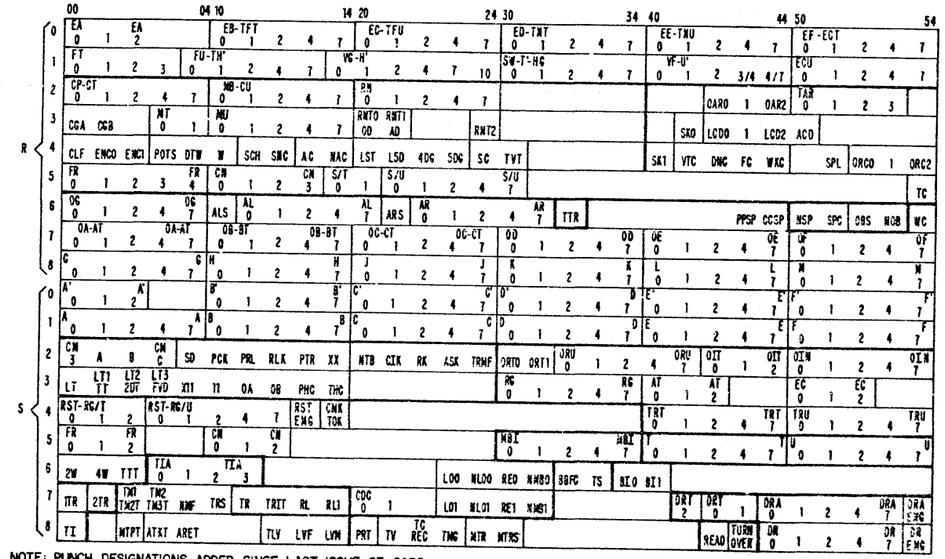


NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC

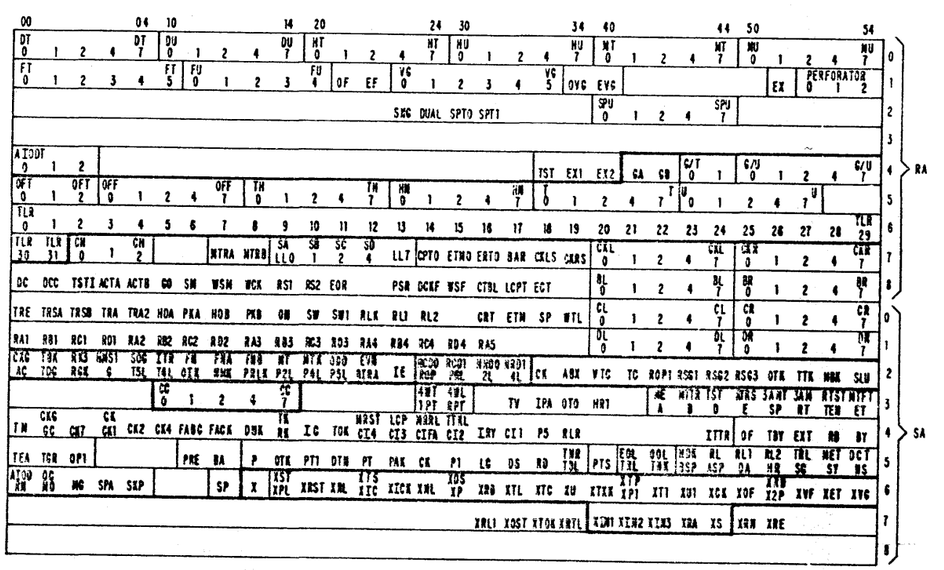


(BACK)
(2-79B)
LAST ISSUE DATE OF CARD



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



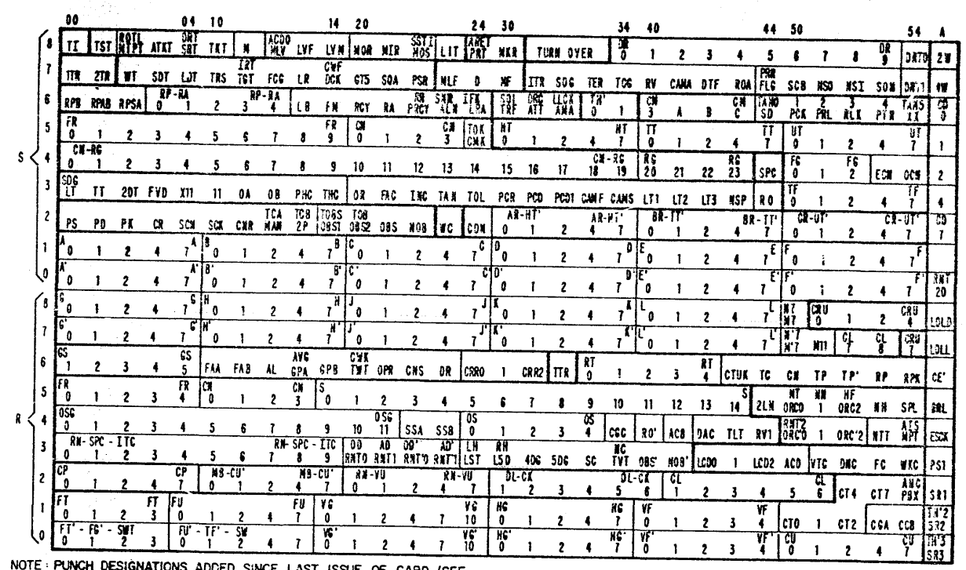
MASTER TEST FRAME CONNECTOR CKT

DWG SIZE	ISSUE
6S	988

BELL LABORATORIES | SD-25805-01- | D21

SD-25805-01-D21

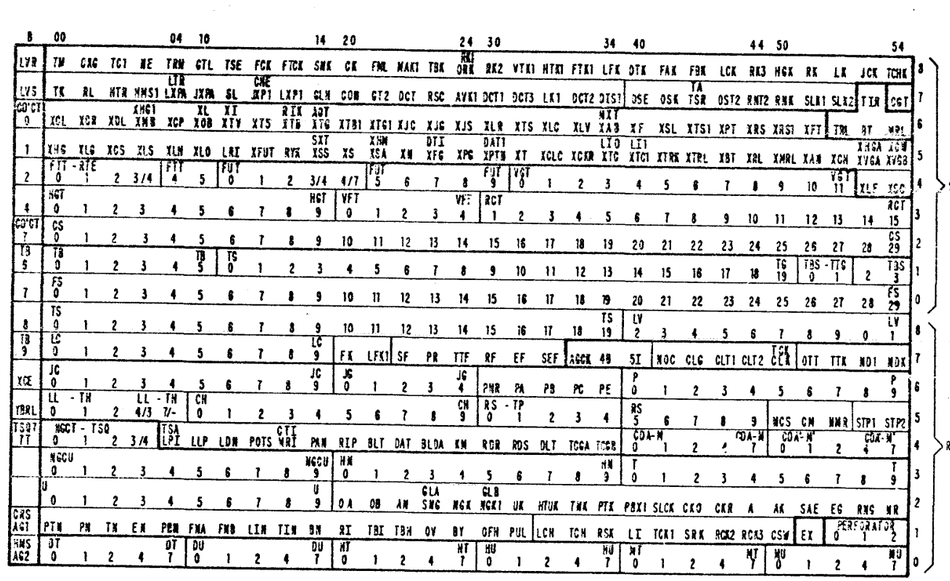
INFORMATION NOTES: (CONT.)
1303, NO.5 CROSSBAR SYSTEM TROUBLE RECORDER CARD FOR TABLE IA AND IB (I/X DOUBLE SIDED) E-4393

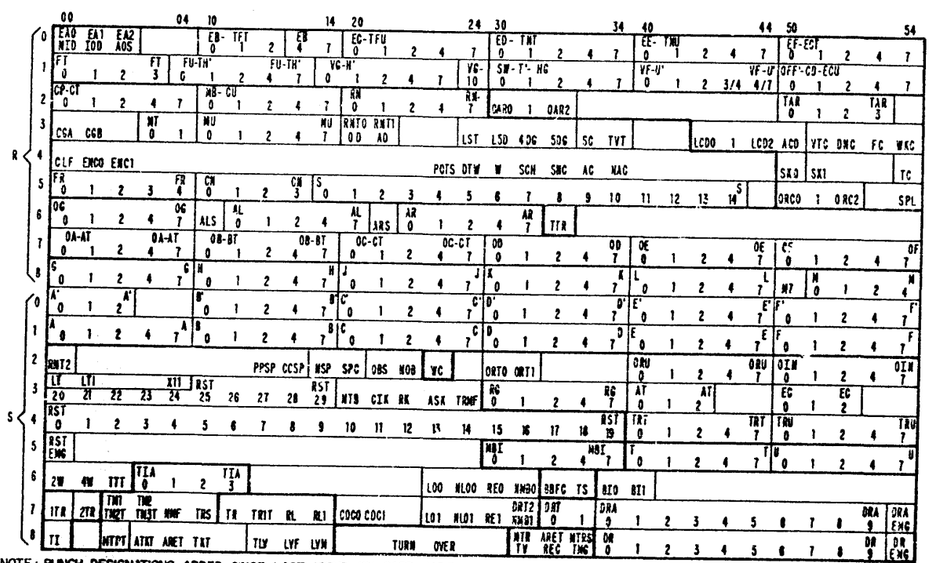


NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC

(FRONT)
(2-79F)
LAST ISSUE DATE OF CARD

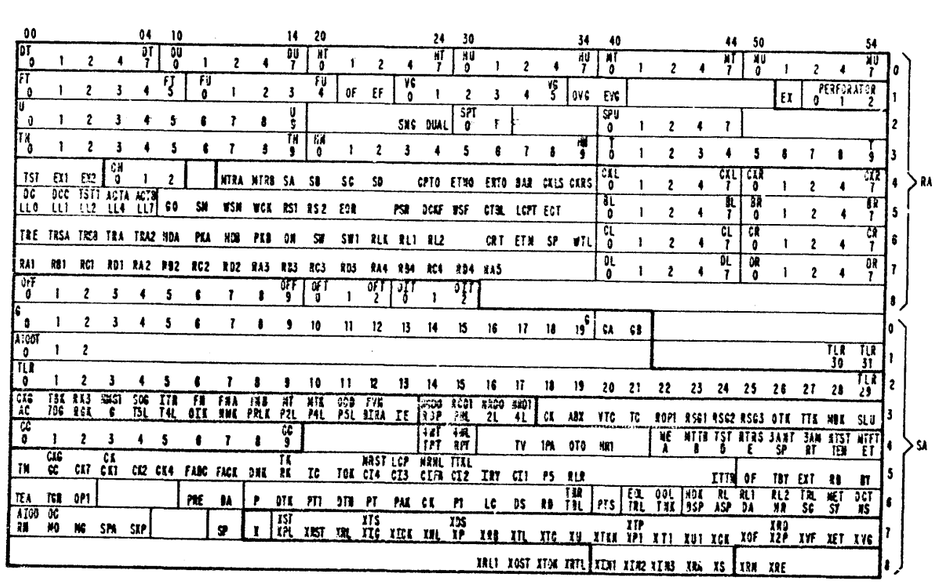




NOTE: PUNCH DESIGNATIONS ADDED SINCE LAST ISSUE OF CARD (SEE DATE ABOVE) NOT YET SHOWN ON CARD:

PUNCH DESIG	CARD LOC
MTRS	S8-31 INSTEAD OF MTR
MTR	S8-33 INSTEAD OF MTRS

(BACK)
(2-79B)
LAST ISSUE DATE OF CARD



MASTER TEST FRAME CONNECTOR CKT

BELL LABORATORIES	SD-25805-01-	D22

DWG SIZE 6S | ISSUE 98B

SD-25805-01-D22

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/ PS1	TCH9	59
58	PR	P8	TG18	CD'4 FNA TB6	AK	RPK	FS18	INC	PK	UT4	NDT	RCK2	TMK1	TVI	TFA	TCH8	58
57	SF	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	PS	UT1	SL	PTK	MCS/ ROH	LSD	OBST	TCH6	56
55	RF	P5	TG15	TCH	PBN	M'7	FS15	20T	M7	UTO	LCK	TCK1	MPT	SDG	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	FRCY	IDCT	TCH3	53
52	JG2	P2	TG12	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	TB	TCH1	51
50	JGO	PO	TG10	XLO	TN	L'O	FS10	TANO* TAN	LO	BRO	FTTO	TNK	FTCK	CRRO CDN	SB	TCHO	50
49	JC9	PNR	TG9	XSL	PN	K'7	FS9	PCD1	K7	TT7	FUT9	FN8	RBT1	NOB'	EXT	MT7	49
48	JC8	PC	TG8	XCKR	EN	K'4	FS8	PCD	K4	TT4	FUT8	FNA	TRL2	QBS'	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	EX8	M	SSA	LLI	KJSQ	46
45	JC5	JCK	TG5	CD'1 XTC	CKO	K'O	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	MAX1	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	JCO	LLO	TGO	XT5	GLB NGKI	J'O	FSO	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'O	FGO	CRUU RPO	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'O	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'O 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	11	HGT6	CS26	RS6	MB1	S1	THGT6	26
25	HTK1	LFK	RVI PTK	XLC	T5	F'O	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'O	SRT	CLT1	XVGB/ XCW	TO	E'O	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	T.FT4 CUT7	19
18	FT'3	TS18	RCK3	XTS	HN8	D'4	FT3	OS3	D4	OA	VFT3	CS18	NT	8MP-8SP	MT10K	TVFT3 CUT4	18
17	FT'2	TS17	NOC	XPT	HN7	D'2	FT2	OS2	D2	RP	VFT2	CS17	NH	7FP-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'O	TS15	RNT20 TLT	XT	HN5	D'O	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	NHR TB9	4TT-4NE	LK2	THT3 VGA	14
13	FU'4	TS13	SLK1	XTG	HN3	C'4	FU4	CL4	C4	OSG8	VGT13 TH'I	CS13	CGB	3FB-3HA	G	THT2 TVGT13 LOLL	13
12	FU'2	TS12	OST2	XTB	HN2	C'2	FU2	CL3	C2	OSG7	VGT12 TH'O	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'O	TS10	RSC	XCP	HNO	C'O	FUO	CL1	CO	OSG5	VGT10	CS10	FAA	FLCK	CKG1	CDMK TVGT10	10
9	VF'4	TS9	CN	XDL	DR	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'O	TS5	RK	XTV	ROA	B'O	VFO	RPB	BO	CNS	VGT5	CS5	CM T88	OCN	TOSO	TVGT5 CTTO	5
4	HG'7	TS4	TK	XOB	TOG	A'7	HG7	APA	A7	ROT	VGT4	CS4	LOT	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	XP6	SOG	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	NOK	A1	BT	VGT1	CS1	TOB OBS2	TOB1 HFA	BLC	2L1 TVGT1	1
0	HG'O	TSO	LXP1	XFUT	PSR	A'O	HGO	SCT *P*GND	AO	MON	VGTO	CSO	TOBS OBS1	NAMA	F	2L TVGTO	0

*CONTACT

LEAD DESIG	MAKE	ARMATURE
	TAMO	TAN
	SRT	SRT1
	TSC5	TOL

DRAWING ISSUE
430
44A
48D
55D
56D
58A
59D
60D
63A
64D
68D
70D
74A
75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-023

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-023

STABILOKE

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	RELAYS														CONTACT NUMBERS
	A0	A2	A4	A6	A8	A10	B0	B2	B4	B6	B8	C0	C2	C4	C6	T0	T2			A1	A3	A5	A7	A9	A11	B1	B3	B5	B7	B9	C1	C3	C5	C7	T1	T3	
54	JG4	P4	TG14	LCH	TWT/ CWK	L'7	FS14	TAN8	L7	BR7	AGCK	HGK	TBH	NTT	4D6	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	4K	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	LSC TOG'	OBST	TCH6	51
50	JG0	P0	TG10	XLO	TN	L'0	FS10	TANO TAN*	L0	BR0	DAC	FTT0	TNK	FTCK	CDN	SB	TCH0		50	RF	P5	TG15	TCH	PBN	M*7	FS15	2DT	M7	UT0	AIS	LCK	TCK1	MPT	SDG	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	RN	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	RCT	JSQ3		43	JC8	PC	TG8	XCKR	EM	K'4	FS8	PCD	K4	TT4	AD'	FUT8	FNA	TRL2	OBS'	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	P8	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	NGKI GLB	J'0	FS0		J0	AR0	DLT	FUT0	TRS	RCT10	SON	FTC	JSQ0		40	JC5	JCK	TG5	CD'1	CKO	K'0	FS5	PHC	K0	TT0	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	DIS	CTA0		34	TTK	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	CU4	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	FN	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	STP2	D	RCT5	OBS	S5	CTA1	30
24	VG'7 HN'7	SQA	ND1	XLR	T4	E'7	VG7	DL5	E7	LT1	TTF	HGT4	CS24	RS4	RN7 CH'7	TRR	TH'3		24	CTO 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	E0	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	X3B MXT	HN9	D'7	VG10	OS4	D7	OB	DNC	VFT4	CS19	HF	9MP	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 CL9	VFT3	CS18	NT	8SP	MT10K	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	NOC**	XPT	HN7	D'2	FT2	OS2	D2	RP	LCD1 CT8	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	PDX		11	FT'1	TS16	MT7K	XCLC	HN6	D'1	FT1	OS1	D1	TP	LCD0 CRR	VFT1	CS16	HN	6NT	S1B	CUT1	11
10	FU'0	TS10	R3C	XCP	HNO	C'0	FU0	CL1	C0	OSG5	FS22	VGT10	CS10	FAA	SLCK	CKG1	CDNK		10	FT'0	TS15	RNT20	XT	HN5	D'0	FTO	OSO	DO	TC	VTC	VFTO	CS15	MT4K	5ST	S1A	CUTO	10
04	HG'7 T'7	TS4	TK	XOB	TOG	A'7	HG7	AMA	A7	RP	FS21	VGT4	CS4	LDT	ECN	TTC	LOLP		04	VG'4 U'7	T39	CN	XDL	DR	B'7	VF4	TBI	B7	RNK	MRC	VGT9	CS9	OCT3	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	PC	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	CAN	VGT7	CS7	SCB	GPA	TOS2	CTT2	02
01	HG'1 T'1	TS1	RC'		ITR	A'1	HG1	NOK	A1	BT	FTT4	VGT1	CS1	TOB	HFA	BLC	2L1		01	VF'1 U'1	TS6	CLK	XCR	KR	B'1	VF1	SMP	B1	SCN	ACD CSV	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
440
450
480
490AR
520
530AR
540AC
550
560
580
590
600
620
640
680
700
730

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D24
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D24

STABILO

TABLE 2B

FOR OFFICES CONVERTING FOR USE WITH DOUBLE SIDED TR CARD

CONTACT NUMBERS	RELAY B5
59	
58	MTS7
57	SG
56	LOLL
55	AIS
54	AGCK
53	MT38K
52	CNT
51	TLT
50	DAC
49	CSW
48	AD'
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	RTP
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 85 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	TGK
52		EV	XST
51	XCE		DN
50	XBRL	DNGO	TGA
44	CD7	RT	SGA
43	CD4	RG	ROT
42	CD2	DNGC	RO3
41	CD1	DNG8	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	LLE1	AG2
23	TB9	TLE1	AG1
22	TB8	OVF1	SR3
21	TB7	OVF0	SR2
20	TB6	ODO	SR1
14	CE'	2WD	CDA'7
13	M4	2WD'	CDA'4
12	BRL	LES1	CDA'2
11	2W	TES1	CDA'1
10	4W	OP	CDA'0
04	EN1	PRI	CDA7
03	ESCK	LESK	CDA4
02	M2	LLES	CDA2
01	M1	TLES	CDA1
00	MO	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	LFK1	TBT8	DAT1
52	LLP	TBT7	AOT
51	LPI	TBT6	LIO
50	LRA	TBT5	LI1
44	XLF	TBT4	LR1
43	BLT	TBT3	XI
42	DAT	TBT2	XL
41	KM	TBT1	XHG1
40		TBT0	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	TBU1	RDS
20	DATK	TBU0	RDR
14	TSTL	TBT8	DT7
13	TBS3	LAN	7T
12	TBS2	TBUA	
11	TBS1	LLP2	
10	TBS0	LB	
04	RTP	CKR	
03	PAN	CKR1	
02	MRI. CTI	CKO	
01	LDN		
00	POTS		

TABLE 2E (RM)

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN APP FIG. 178

CONT NO.	RELAYS F0	F1
54	LP2	OHS
53	LP1	PLB
52	LP0	TPMK
51	AFK	LPMK
50	AF1	TA
44	AF	STL5
43		STL4
42		STL3
41		STL2
40		STL1
34		STL0
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	CDP'1	STS4
10	CDP'0	STS3
04		STS2
03		STS1
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	W82	WCH8	CCK1
52	W81	WCH7	CCK
51	W80	WCH6	WAT
50	TSL	WCH5	WDTF
44	RWL	WCH4	WDTI
43	LWL	WCH3	SWAT
42	MNK	WCH2	TSGA/9
41	RSMK	WCH1	RSGA/8
40	RUK1	WCH0	CWCN
34	ROCK	DFT	WCN
33	WL9	BCN	WFCK
32	WL8	LSK	
31	WL7	LLCK	WCK
30	WL6	LLC3	JSSF
24	WL5	LLC2	WDC1
23	WL4	LLC1	WHS1
22	WL3	LLC0	WTK
21	WL2	WLFK	WSL
20	WL1	WBT2	LXWA
14	WL0	WBT1	LXW1
13	WHXT	WBT0	JXWA
12	RIW	NWT	JXW1
11	RSW	WTFK	WCV
10	PKI	TSK	WPM
04			LSK1
03			WTG3
02			WTG2
01			WTG1
00			WTG0

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		THGT8	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	VGO	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	FUO	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	CN	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	TS0	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	MO1	TCH2	52
51	JG1	P1	SEF *	FS11	FTT1	OBS2	TB	TCH1	51
50	JGO	PO	TTF *	FS10	FTTO	OBS1	RT3	TCHO	50
49	JC9	PNR	XSL	FS9	FUT9	SDG	EXT	MT7	49
48	JC8	PC		FS8	FUT8	ADG		MT9K	48
47	JC7	P8	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		MT3K	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	TCH	CRUO FGO	STP2	0			35
34	FCG	CH4	XLS	TF7	STP1	CU7	DIS		34
33	GT2	CH3		TF4	TM	CU4	RTO	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		TTC1	
03		CTA7	
02		CTA4	
01		CT7	
00		CT4	

DRAWING ISSUE

430 EM JBR CB
450 JBR CB
46AR EM CB
47AR CB
48 CB
49AR CB
52D CB
55AR CB
55D CB
56D CB
57A CB
59D CB
60D CB
64D CB
66D CB
68D
69A
70D
71D
75D
75D

ISSUE 988

SD-25805-01-D25

MASTER TEST FRAME CONNECTOR CKT (2) | SD-25805-01-D25

BELL TELEPHONE LABORATORIES INCORPORATED | SIZE 6S

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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
	A13	A15	A17	B11	C9	C11	T5	T7					
54	FML	P9	TG1	FS19	MRL	FTCK		TCH9	54	JG4	P4	FM	54
53	PR	P8	TG0	FS18		LDT		TCH8	53	JG3	P3	RK	53
52	SF	P7	CK	FS17	DCT	SDT		TCH7	52	JG2	P2	TK	52
51	EF	P6	RCV	FS16	SL	WT		TCH6	51	JG1	P1	SEF *	51
50	RF	P5	SNR	FS15	LCK	DIS1		TCH5	50	JG0	P0	TTF *	50
44	JC9	PNR	XSL	FS9	FUT9	SDG	EXT	MT7	44	JC4	LL7		44
43	JC8	PC		FS8	FUT8	4DG		MT9K	43	JC3	LL4	XTRL	43
42	JC7	PB	JXPA	FS7	FUT7	EXG		LLJ	42	JC2	LL2	XBT	42
41	JC6	PA	XTC1	FS6	FUT6	EXB	RCY	KJSQ	41	JC1	LL1	XTRK	41
40	JC5	JCK	XTC	FS5	FUT5	HTR	TSK	JSQ5	40	JC0	LL0		40
34	PKI	CH9	XTC1	CRU7	BT	TR2		MT8K	34	FCG	CH4	XLS	34
33	ACB	CH8	XTS1	CRU4	CGC	TRK		MT5	33	GT2	CH3		33
32	LXPA	CH7		CRU2	CON	MLF		MT3K	32	GLH	CH2		32
31	CT7	CH6	MXT	CRU1	TCHK	MF			31	CT2	CH1		31
30	CT4	CH5	XCH	CRU0	STP2	D			30	CT1	CH0	XLV	30
24	CT0	CHA	XVCA	NC	HGT9	CS29		THGT9	24	VG'7	SQA	XLR	24
23	2P	TBK	XJS		HGT8	CS28		THGT8	23	VG'4	RK3	XJG	23
22	MAN	CKG	XHC	HMSI	HGT7	CS27		THGT7	22	VG'2	RK2	XJC	22
21	FTK1	GTL	XLG	PBX	HGT6	CS26		THGT6	21	VG'1	RK1	XF	21
20	HTK1	LFK	XLC	FAK	HGT5	CS25		THGT5	20	VG'0	LOLL	XVSB/ XCW	20
14	VG'10	LOLL	XCL	ROA	VFT4	CS19	LK3	TVFT4	14	FU'7	WDCI	XCS	14
13	FT'3	WAT	XTS	FT3	VFT3	CS18		TVFT3	13	FU'4	XAB		13
12	FT'2	WGB	TG5	FT2	VFT2	CS17	MT2K	TVFT2	12	FU'2	XWB	CWF	12
11	FT'1	WGA	TG4	FT1	VFT1	CS16		TVFT1	11	FU'1	DATI	CWK	11
10	FT'0	WTK	TG3	FT0	VFT0	CS15		TVFT0	10	FU'0	AOT	TBO	10
04	VF'4	TS9	TG2		VGT9	CS9		TVGT9	04	HG'7	TS4	LK	04
03	VF'3	TS8	VTK1		VGT8	CS8		TVGT8	03	HG'4	TS3		03
02	VF'2	TS7	XLH		VGT7	CS7		TVGT7	02	HG'2	TS2	XPG	02
01	VF'1	TS6	CN		VGT6	CS6		TVGT6	01	HG'1	TS1	DCT1	01
00	VF'0	TS5	JXP1		VGT5	CS5		TVGT5	00	HG'0	TS0	LXP1	00

CONTACT NUMBERS	RELAYS								CONTACT NUMBERS
	B10	B12	C8	C10	T4	T6			
54	FS14		HGK	M	MLFA	TCH4			54
53	FS13		FTT3		TDCT	TCH3			53
52	FS12		FTT2	TSE	MOT	TCH2			52
51	FS11		FTT1	OBS2	TB	TCH1			51
50	FS10		FTT0	OBS1	RT3	TCH0			50
44	FS4		FUT4	RA	RT2	JSQ4			44
43	FS3		FUT3	MAK1	RT1	JSQ3			43
42	FS2		FUT2	TRL	TSE2	JSQ2			42
41	FS1		FUT1	TC1	TSE1	JSQ1			41
40	FS0		FUT0	TRS	FTC	JSQ0			40
			STP1	CU7	DIS				34
			TM	CU4	RTO	LHMT			33
			FCK	CU2	TSM	LHM			32
			TLH	CU1	TST	CSG2			31
		PE	DTK	CU0		CSG1			30
		TTF *	HGT4	CS24	TRR	THGT4			24
		SEF *	HGT3	CS23		THGT3			23
		FS29	HGT2	CS22	OC1	THGT2			22
		FS28	HGT1	CS21	TR1	THGT1			21
		FS27	HGT0	CS20	NTH	THGT0			20
FU7	FS26			CS14	LK2	VGA			14
FU4	FS25		CGB	CS13	G				13
FU2	FS24		CGA	CS12	RC				12
FU1	FS23		VGT11	CS11	CKG2	TVGT11			11
FU0	FS22		VGT10	CS10		TVGT10			10
	FS21		VGT9	CS9		TVGT9			04
	FS20		VGT8	CS8	TRT	TVGT8			03
	FTT5		VGT7	CS7	TTT	TVGT7			02
	FTT4		VGT6	CS6	SRT	TVGT6			01
			VGT5	CS5	BTT	TVGT5			00

* SEE TABLE 3D

* SEE TABLE 3D

TABLE 3B

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF B6 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

43D	CML, JSE, PCD, LW
45D	JSE, PCD, LW
48D	PCD, LW, NJC
48AA	LW, NJC
56D	NJC, PKG
68D	
70D	
71D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-D28

BELL TELEPHONE LABORATORIES INCORPORATED — CODE 65

SD-25805-01-D26

STABILOHM

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	NGC	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 NGCT0	FABC T38	POTS	XT1 XLF	MT2	52
51	51	FBK	CH1	P1	RT3	AT	CIFA T87	LRA	XPI LFKI	MT1	51
50	50	FAK	CH0	P0	RT2	HR1	TM2 T86	PTS	XTKK FK	MT0	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	RO	XTC	HU4	48
47	47	TG17	7TP,7RN	PA	EX	TV	RL	OS	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	CRR0	OFTO	CI1	CK	XNL	HT7	44
43	43	TG13	3FB,3NA	JG3	CNS		IRY	PAX	XICK	HT4	43
42	42	TG12	2MB,2SA	JG2	OPR	LT2	CI2	PT	XIC	HT2	42
41	41	TG11	ITB,SE TTGI	JG1	CWK TWT	CL8	CI3	OTN	XRL	HT1	41
40	40	TG10	CNN 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	XRL	DU4	38
37	37	TG7	RS7	JC7	AL	TSA NCK	RK	2L	ENCI	DU2	37
36	36	TG6	RS6	JC6	TSQ7 GS5	ND1	CWK ECLL	4L	ENCO	DU1	36
35	35	TG5	RS5	JC5	TSQ4 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	TSQ0 GS1	TP	CK7	OP1	MG	DT2	32
31	31	TG1	TP1 RS1	JC1	STP2	CN	CKG	HMS TGR	MO	DT1	31
BW30	30	TG0	TP0 RS0	JC0	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	PBXF 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'0	CRO	CR'0 BRO	CL4	HTUX	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	SNG	CKR	SRK	VF2	VF'2	22
21	21	E'1	L1	L'1	M11	OB	CKO	EN	VF1	VF'1	21
20	20	E'0	LO	L'0	OS6	OA	SLCK	TCK1	VFO	VF'0	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'0	KO	K'0	CK1 DL1	HN5	U5	RI	HG0 SW0	HG'0	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	TCR	VU2 VG2	VG'2	11
10	10	C'0	JO	J'0	RNO	HNO	UO	RH LCH	VU1 VG1	VG'1	10
9	9	B'7	H7	H'7	MB7	NGC9 TH9	T9	LH PUL	VU0 VG0	VG'0	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'0	HO	H'0	MBO	NGC5 TH5	T5	FNB	FU1	SW1 FU'1	5
4	4	A'7	G7	G'7	CP7	NGC4 TH4	T4	FNA	FUO	SWO FU'0	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
BW0	0	A'0	GO	G'0	CPO	NGCO THO	TO	PN	FTO	SWTO FT'0	0

DRAWING ISSUE
430
450
590
622 LT
634 LT
700

ISSUE 98B

SD-25805-01-D27

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MASTER TEST FRAME CONNECTOR CKT (2)
BELL TELEPHONE LABORATORIES INCORPORATED
6S
SD-25805-01-D27

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	FCG	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	XARL	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	FUT0	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	MTK1	XDL	XCS	FTT2 RTE2	VGT2	CS2 TLR2	FS2 G2	TS2 OFF2	32
91	31	CKG	VTK1	XCR	XLG	FTTI RTEI	VGT1	CS1 TLR1	FS1 G1	TS1 OFF1	31
BW90	30	TM	CGT	XCL	XHG	FTTO RTEO	VGT0	CS0 TLR0	FS0 G0	TS0 OFF0	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	NM	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	UT0 U0	TH0 LL0	NT	TVT	OSG7	F0	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	SDG	TTR	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 TI	CD1 TF1	TST	L5D	SLK2	E1	21
80	20	DR1	DRT1 DRA1	RG1,RST1 CN1	TT0 TO	CD0 TF0	XX	LST	SLK1	E0	20
79	19	DR0	DRT0 DRA0	RG0,RST0 CN0	HT7	FG1	PTR	S12	RNK	D7	19
78	18	THG	RPSA TTT	RP4	HT4	FG0	RLK	S11	RNT2	D4	18
77	17	REC	LLCK,RPAB	RP3	HT2	OBS2, TG8	PRL	S10	RSC	D2	17
76	16	TV	DRC RP3	RP2	HT1	OBS1 TOBS	PCK	S9	OST2	D1	16
75	15	MKR	SC3	RNTI, RPI	HT0	TR2,LTI	SD	S8	TSR,TA	D0	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	PCO RG21	TOL	CM3	S4	OS3 RA3	C1	11
70	10	MIR	ROA	CN0	PCR RG20	TAN	CMK' CNR'	S3	OS2 RA2	C0	10
69	9	MCR	TER	FR9		OR	NCB	S2	OSI RAI	B7	9
68	8	LYM	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	B0	5
64	4	TKT	20T	FR4		11	SCN	CN0	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	FR0		SDG LT	PS	FR0	OSG0	A0	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

43D	EM
68D	
70D	
73D	
74A	

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D28

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D28

STABILO

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	D0,11 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	TURN OVER MTR TV	ARET REC	MTRS TMG	*DRO	1	2	3	4	5	6	7	8	*DR9	*DRTO DR-EMG	2W
		R											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	D0,10 E109
	T.R.PCH & LEAD DESIG	F	** 1TR	** 2TR	WT TM1 TM2T	SDT TM2 TM3T	LDT NMF	TRS	TGT IRT TR	FCG TR1T	LR RL	DCK CWF RLI	GTS	SQA	PSR	MLF LO1	D NLO1	MF RE1	ITR DRT2 NM31	SDG *DRTO DRATO	TER DRT1 DRAT1	TDG DRAO	RV 1	CAMA 2	DTF 3/4	ROA 4/7	FLG PRR 5	SCB 6	NSO 7	NSI 8	SDN 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	C0,12 E227	C0,13 V11,40	E30 V11,41	E81	E82	E83	E89	E85 DO-24	E86	E88	E87	E64	D0,40
	T.R.PCH & LEAD DESIG	F	*** 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	LRA IFK NL00	YRF SQI RE0	ATT DRC NM30	AMA LLCK 93FC	TH'O TS	TH'I BIO	CM3 BI1	CMA	CMB	CMC	SD TANO	PCK 1	PRL 2	RLK 3	PTR 4	XX T-45	CDO
		R																															
S5	TO		E130 E301	E131 E162	E132 E163	E133	E134	E135	E136	E137	E138	E139	E101	E103	E105	E106	E117	87,30 E250	87,31 E251	87,32 E252	87,33 E253	87,34 E254	87,40 E335	87,41 E336	87,42 E337	87,43 E338	87,44 E339	87,50 E330	87,51 E331	87,52 E332	87,53 E333	87,54 E334	D0,41
	T.R.PCH & LEAD DESIG	F	FRO	1	2	3	4	5	6	7	8	FR9	CNO	1	2	CN3	TOK CMK	HTO MBI-040	1	2	4	HT7 MBI-	TTO TO	1	2	4	TT7 T7	UTO U0	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	93,01 E239	81,30 E215	81,31 E216	88,00 E217	C6,04 E213	C7,00 E219	D0,42
	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	PGI9CN RST19	RG20 TRT-	21 1	22 2	RG23 4	SPC TRT-	FGO TRU-	1	FG2 2	ECN 4	OCN TRU-	2
		R	RST0																														
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	D0,43
	T.R.PCH & LEAD DESIG	F	LT SDG	TT	2DT	FYD	X11	11	OA	OB	PHC	THC	OR	FAC	INC	TAN	TOL	PCR	PCD	PCD1	CAMF	CAMS	LT1	LT2	LT3	NSP	RG	TFO ECO	1	2 EC2	4	TF7	4
		R	RST20	RST21	RST22	RST23	RST24	RST25	RST26	RST27	RST28	RST29	NTB	CIK	RK	ASK	TRMF	RG0	1	2	4	RG7	AT0	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	D0,44
	T.R.PCH & LEAD DESIG	F	PS	FD	PK	CR	SCN	SCK	CNR	MAN TCA	2P TC8	OBS1 TC8S NSP	OBS2 TC8 SPC	OBS	NO8	WC	CDN	ARO **HT'O ORT0	1 ORT1	2	4	AR7 **HT'7	BR0 **TT'0 ORT0	1	2	4	BR7 **TT'7 ORU7	CR0 **UT'0 OIN0	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'O	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 ADDITIONAL 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

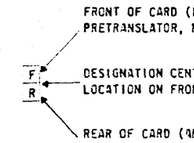


*TABLE 4B

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 14B)

*** 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	
RP13	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 EXT. UNIT	A	5TH	BROWN
		6TH	WHITE
		7TH	BLACK
		8TH	RED
		9TH	GREEN
		10TH	BROWN

DRAWING ISSUE

38AP	TBD EDM AMD
39D	DB EDM AHM
43D	EM EDM AHM
45D	JB EDM AHM
47AC	JB LW AHM
49AP	EDP LW AHM
56D	NC EDM AHM
58A	LEA AHM
59D	EDM AHM
61A	DM EDM AHM
62D	EDM AHM
64C	EDM AHM
66D	
71D	
73D	

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BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D29

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TABLE 4A (CONT)

CROSS CONNECT

(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	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 XIN1	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 CHE JXP1 SP	A4,00 V6,50 LXP1 X	A0,32 V3,53 E320 GLH XST XPL	C1,32 V6,51 CON	A0,33 V3,13 GT2 XRL	C4,51 V8,44 DCT XTS XIC	A4,10 V3,11 RSC XICK	B6,03 V6,52 AVK1 XNL	A4,02 V3,04 DCT1 XDS XP	C5,04 V3,03 DCT3 XRB	C5,03 E302 LKT XTL	A4,03 E387 DCT2 XTC	C5,42 V3,02 DIS1 XU	C7,33 V3,14 OSE XTKK	C7,34 E396 OSK XTP XP1	A11,51 E389 TSR TA XT1	A4,12 E395 OST2 XU1	A5,22 V3,20 RNT2 XCK	B7,04 V6,44 RNK XQF	A4,13 V3,21 SLK1 XRD X2P	A4,14 V6,43 SLK2 XVF	E2,33 B9,54 V6,42 TIR XET	C1,33 V6,41 CGT XVG	TO	SA7
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	A6,40	E2,34 W1,50	E2,52 E111 E391	A6,33 W1,53	A7,34 W1,55	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
CD1-CT10	XCL TEA	XCR TGR	XDL OP1	XMB XHGI	XCP	XL ⊗	XTV XI PRE	XT5 BA	RIK ⊗ P	AOT ⊗ DTK	XTBI PT1	XTGI DTN	XJC PT	XJG PAK	XJS CK	XLR P1	XTS LC	XLC DS	XLV RD	MXT TNR ⊗ TSL	XF PTS	XSL EOL TRL	XTS1 OOL TNK	XPT HDK BSP	XRS RL ASP	XRS1 RLI DA	XFT RL2 HR	TRL 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 E2,34 V2,51	A6,02 V3,40	A8,03 E2,53 E112 V2,50	A7,10 V2,42	A7,11 V2,44	A7,43 V2,43	E,53 E2,51 V3,50	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
I	XHG TM	XLG CKG GC	XCS CK7	XLS CK1	XLH CK2	XLO CK4	LRT FABC	XFUT FACK	RYK DNK	XSS SXT RK	XS IC	XSA XHM TOK	XN MRST CI4	XFG DIT LCP CI3	X25 MRRL CIFA	XPTN PATL TKL CI2	XT IRY	XCLC CII	XCKR P5	XTC LIO ⊗ RLR	XTCI LII ⊗	⊗	XTRL	XBT	XRL ITTR	XMRL OF	XAN TBY	XCH EXT	XVGA XHGA RB	XV68 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	C1,42	C1,43 V7,13	C1,44 V7,14	C0,00	C0,01 E388	C3,02 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 JAM RT	XLF RTST TEM	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 V11,36	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	C8,41 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 HNK	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 E294	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
CD1-CT17	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
TB6	TB0 AIODT 0	1 AIODT 1	2 AIODT 2	3	4	TB5	TG0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	TG19	51 T3S0 TTG0	52 I TTG1	2 TLR31	TB53 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
TB7	FS O G-CP	1	2	3	4	5	6	7 CP7	8	9	10	11	12	13	14	15	16	17	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 A10D TRANSLATOR.

DRAWING ISSUE
98-R TBC EDM AHG
390 DB EDM AHG
430 BM KLF AHG
450 JJB PAV KMP
480 PRL LV JHD
490AF PLP LV JHD
530AR LV JHD
620 RLF
709
730

DRAWING REFURBISHED WITHOUT CHANGE 6-29-71 DDA

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D30

BELL TELEPHONE LABORATORIES INCORPORATED SYSTEM 6S

SD-25805-01-D30

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) 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	B5,54 V7,04	B5,50 D0,54 V7,10	B3,30	B3,31	B3,32	B3,33	E116
	T.R.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	N7 M7	CRU0 M0	CRU1 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 D1,54 V12,10	G51 V12,11	B6,20 V12,13	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	OA-BT0				0	OC-CT0				OC-CT7	ODO				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 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	A1,31	B7,10	A5,04	B7,11	C1,52	B7,12	A11,53	B3,14
	T.R.PCH & LEAD DESIG	F	GS1	2	3	4	GS5	FAA	FAB	AL	GPA AVG	GPB	TWT CWK	OPR	CNS	DR			AR7 ⊗	TTR	RTO	1	2	3	RT4	CTUK	TC	CN	TP	TP'	RP	RPK	CE'
		R	OGO	1	2	4	OG7	ALS	ALO	1	2	4	AL7	ARS	ARO	1	2⊗	4⊗															
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	39,21	C5,13 V12,40	C5,11 V12,41	C5,14 V12,42	C5,12	B1,32 W1,54	D0,12
	T.R.PCH & LEAD DESIG	F	FR0	1	2	3	FR4	CN0	1	2	CN3	S0	1	2	3	4	5	6	7	8	9	10	11	12	13	S14	2LN	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	C7,41	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	G0,03
	T.R.PCH & LEAD DESIG	F	OSG0	1	2	3	4	5	6	7	8	9	10	OSG11	SSA	SSB POTS	OS0 DTW	1 W	2 SCH	3 SNC	OS4 AC	CGC NAC	RO'	AC8	DAC	TLT RTK	RVI	CRC'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 V11,12	B9,10 V13,50	B9,14 V11,13	B9,03 V11,12	B9,04 V13,52	A7,32
	T.R.PCH & LEAD DESIG	F	**RN0 SP0 ITC0	1	2	3	4	5	6	7	8	**RN9 SPC9 ITC0	RWT0 00	RNT1 10	20' **RNT2	AC' **RT1	LH LST	RH L50	4DG	5DG	SC	NC TVT	OBS'	N08'	LCD0	1	LCD2	ACD	VTC	CNC	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	B2,21 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 M80	1	2	4	CU'7 M87	RN0 V0	1	2	4	RN7 V0	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	SRI
		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 V9,34	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 SWOT0	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 C07	SR2, TH'2
		R																															
R0	TO		A1,10 V9,24	A1,11 V9,23	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 XXFR'0	1 SWT1	FT'2 XXF0'2	FT'3	FU'0 SW0 TF'0	1 SW1	2 SW2	4 SW4	FU'7 SW7 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	XXD	IO0	AO3																												
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 6S

SD-25805-01-D31

TABLE 4A (CONT)

CROSS CONNECT

(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	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	
D0,23	G,40 V1,42	G,41 V3,23	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 RC1	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	EF RA5	SEF	AGCK	48	5I DLO	I ⊗	CLG 2	4 ⊗	DL7 ⊗	TCK CLK DPO	OTT I	TTK	ND1 4	NDK DR7	T.R.PCH & LEAD DESIG	F	
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	A8,30	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 THA	4 TRA2	5 HDA	6 PKA	7 HDB	8 PKB	JC9 ON	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	
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 OC LLO	THI OCC 1	TH2 TSTI 2	TH3 ACTA 4	ACTB LL7	CHC GO	1 SM	2 WSM	3 WCK	4 RSI	5 RS2	6 EOR	7	8 PSR	CH9 DCKF	RSO TPO WSF	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	
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	B8,31	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 TSQ0 TST	1 EX1	2 EX2	NGCT3 TSQ4 CHO	LPI TSA I	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 I	2 2	4 4	CDA-M7 CKL7	CDA-M'0 CXRO	1 I	2 2	4 4	CDA-M'7 CKR7	T.R.PCH & LEAD DESIG	F	
	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	
	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	A9,40	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	
D2,23	A8,51	A9,44	A8,50	A9,45	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	TBI	TBH	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	
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,121	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	HT7	MUO	1	2	4	MU7	T.R.PCH & LEAD DESIG	F	
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.	CRRG-2	R6,24, 30,31	C6,50, 51,52	UM
39D	A&M ONLY	RIP	RA4,20	B9,22	TO
48D	MFR DISC.	XOB	SA3,10	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

D
AAF
39D
43D
45D
48D
44AF
55D
56D
57A
62D AF
68D
70D
71D
73D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) | SD-25805-01-D32

BELL TELEPHONE LABORATORIES INCORPORATED | SHEET 6S

SD-25805-01-D32

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)50-52	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)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
FT0,1	LC,11,12	R4,00,01
FU0-2	LC,13-15	R4,02-04
FU4,7	LC,16,17	R4,10,11
GRP0,1	LC,18,19	R4,12,13
LT0	LC,20	R4,14
LT1,2,4,7	LC,21-24	R4,20-23
LU0,	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
TT0	LC,30	R4,34
TT1,4,7	LC,31,33,34	R4,40-42
TU0,1	LC,35,36	R4,43,44
TU2,4,7	LC,37-39	R4,50-52
WC	WC	52,23

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 200 AND CONVERTING FOR USE WITH DOUBLE SIDED T.R. CARD USED FOR TRANSVERTERS 0-5)

CONTACT NUMBERS	RELAYS					CONTACT NUMBERS
	V0	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,RO3	SW1	F1	DTN	56
55	RST5	OFT	SW0	F0	P	55
54	RST4	CIFAT,RO2	VG7	J7	B'7	54
53	RST3	DTK* DTK1,RO1	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	VG0	J0	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	VF0	E0	DTKA	45
44	U4	CIAT,RB3	VG10	H7	C'7	44
43	U3	CIST,RB2	FT3	H4	C'4	43
42	U2	CIZT,RB1	FT2	H2	C'2	42
41	U1	CIIT,SCH	FT1	H1	C'1	41
40	U0	X2P,XRD	FT0	H0	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	FU0	D0	A'2	35
34	T4	X	RN7	G7	D'7	34
33	T3	XTXK	RN4	G4	D'4	33
32	T2	XRL	RN2	G2	D'2	32
31	T1	XIC,XTS	RN1	G1	D'1	31
30	T0	XICK	RN0	G0	D'0	30
29	HN9	XWL	MB7	C7	TBL	29
28	HN8	XP,XOS	MB4	C4	RD	28
27	HN7	XRB	MB2	C2	IR	27
26	HN6	XU	MB1	C1	C	26
25	HN5	XRST	MB0	C0		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	TCK,POTS	CP1	B1	E'1	21
20	HN0	OF	CP0	B0	E'0	20
19	TH9	TBY	L5D	A7	4L	19
18	TH8	TGR	5DG	A4	2L	18
17	TH7	TEA,DTM	4DG	A2		17
16	TH6	CI4,MRST	LST	A1	PT	16
15	TH5	CI3,LCP	SC	A0	A'0	15
14	TH4	CI2,SMC	PPT	L7	F'7	14
13	TH3	CI1,AC	TPT	L4	F'4	13
12	TH2	PS,MAC	OBS	L2	F'2	12
11	TH1	XRY	NOB	L1	F'1	11
10	TH0	TSL	2TR	L0	F'0	10
9	CKT,CARO	RLA	1TR	M7		9
8	CK4,XS	RK	CKG	TTT		8
7	CK2,XBT	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	TMO,SP	OFF6	K2		2
1	OFF1	TOP	FACK,XME	K1		1
0	OFF0	TIK	FABC,XRM	K0		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		CK2,1ST		PT1	53
52		CK1		PA	52
51		TRS		DTN	51
50		TR		P	50
44	RA3	TIC,RO3		RDL	44
43	RA2	CIFAT,RO2		XT	43
42	RA1	*DTK- DTK1,RO1		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	RN0	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	J0	XCK,W			20
14	H7	XTXK			14
13	H4	XRL			13
12	H2	TNK			12
11	H1	XICK		PT	11
10	H0	TRL		A'0	10
04	G7	XP,XOS			04
03	G4	XRB			03
02	G2	XU			02
01	G1				01
00	G0	TET,PRE			00

CONTACT NUMBERS	RELAYS				CONTACT NUMBERS
	V0	V2	V4	WO	
54	F7	TCK,POTS		B'7	54
53	F4	TEA,DTM		B'4	53
52	F2	CI4,MRST		B'2	52
51	F1	CI3,LCP		B'1	51
50	F0	CI2,SMC		B'0	50
44	E7	CI1,AC		C'7	44
43	E4	PS,MAC		C'4	43
42	E2	XRY		C'2	42
41	E1	RLA		C'1	41
40	E0	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	D0	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	C0	2TR	RST20	E'0	20
14	B7	1TR	RST9	F'7	14
13	B4	EXB	RST8	F'4	13
12	B2	EXB	RST7	F'2	12
11	B1	RL	RST6	F'1	11
10	B0	CKG SC	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	A0	K0	RST0		00

*CONTACT
FIXED SPRING — MOVABLE SPRING
DTK1 — DTK

DRAWING ISSUE
43D
52D
68D

ISSUE 988

SD-25805-01-D33

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-D33

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(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	E98	E94	A2,20	E99	C5,41	E97	E95	E96	E92 E59	E91 E304	E93 E330	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	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	DRO	1	2	4	CR7	DATO DR-EMG	DRTI
		R								TLV																							
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	A8,01 V13,52	A8,02	A8,03	A8,04	A11,54	B9,30 E128 CAMA		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	* ITR	* 2TR	WT TA1	SDT TM2	LDT TA2T	TRS	TGT IRT	FCG TRIT	LR RL	LRI RLI	DCK CWF	GTS	SQA	PSI LOI	NLOI	REI	ITR NMBI	SOG	TER	TOG	RV	DRT2 **DRAT2	RSW *DRTO **DRATO	ROA *DRTI **DRATI	FLG PRR DRAO	SCR 1	NSO 2	NSI 4	SCN DR47	LTD DRA-EMG	LTI
		R			T42T	T43T	NMF		TR	TRIT	RL	RLI				L01	MLOO	REO	NMBO	BBFC	TS	BTO	BTI				WDTF	WDTI	WAT		MLF	D	MF
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	B3,33 V11,02	WB11 V11,00	WB01 V13,00	C6,51 V10,51	C6,52 E231	B3,34 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	***RPB 2W	***RPAB 4W	***RPSA TIT	***RPO RAO T1A0	***RPI RA1 T1A1	***PR2 RA2 T1A2	***RP3 RA3 T1A3	***RP4 RA4	LB	FM	RCY	RA	PRCY RR	ALM SNR L00	RWL IFK NL00	LWL SQI REO	TRF NMBO	ATT DRC BBFC	DTF TS	DTI BTO	DATI BTI	ADT	PBX		WDTF	WDTI	WAT		MLF	D	MF
		R																															
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 E339	B7,54 E339	B1,30 E330	B1,31 E331	B8,00 E332	C6,04 E333	C7,00 E334	
	T.R PCH & LEAD DESIG	F	FR0	1	FR2	FR4	FR7	CN0	1	2	CH3		HT0	1	2	4	HT7	TT0 MBI0	1	2	4	TT7 MBI7	UT0 T0	1	2	4	JT7 T7	FG0 U0	1	FG2 2	ECH 4	DCH U7	
		R																															
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		E110 E215	B0,30 E216	B0,31 E217	B0,32 E218	B0,33 E219	B0,34
	T.R PCH & LEAD DESIG	F	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	PC TOK CMK	PK	CR	SCN	SCK	CNR	MAN TCA	2P TCB	AC9	RV1	TANO	1 TRT0	2 1	3 2	4 4	TAN5 TRT7	2# TRU0	TF0 1	1 2	2 4	4 TRU7	TF7
		R																															
S3	TO		B7,22 E94	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	E109 E224	E225	E226			
	T.R PCH & LEAD DESIG	F	SDG LT	TT	2DT	FVG	X11	11	0A	0B	P4C	THC	OR	FAC	INC	TAN	TOL	PCR RG0	PCD 1	PCD1 2	CAMF 4	CAMS RG7	LT1 AT0	LT2 1	LT3 AT2		TD	4# EC0	PK1 1	EC2			
		R																															
S2	TO		B0,40 E30	B0,41 E178 E31	B0,42 E179 E82	B0,43 E83	B0,44 E89	B0,33 E85	B0,34 E86	A7,24 E88	A7,40 E87	A7,41 E84	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	CD3 CM3	1 CMA	2 CMB	4 CMC	7 SD	10 PCK	CD15 PRL	CD'-CT' 0 RLK	1 PTR	2 XX	4 NT8	7 CIK	10 RK	CD'-CT' 15 ASK	TRMF	AR-HT' ** 0 ORT0	1 ORT1	2 ORU0	4 1	AR-HT' ** 7 2	BR-TT' ** 0 4	1 ORU7	2 OIT0	4 1	BR-TT' ** 7 OIT2	CR-UT' ** 0 OIN0	1	2	4	CR-UT' ** 7 OIN7	
		R																															
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	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	D0,54
	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	C7	D'0	1	2	4	D'7	E'0	1	2	4	E'7	F'0	1	2	4	F'7	N7
		R																															
LEAD DESIG TO TROUBLE RECORDER			BW60	61	62	63	64	65	66	67	69	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	89	BW89	BWX2

ΔTHESE 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)

DESIG CENTERED APPEARS IN SAME LOCATION ON BOTH FRONT AND REAR OF CARD.

R — REAR OF CARD (AMA,CAMA,PRETRANSLATOR)

DRAWING ISSUE

62D	NLF	C1
66D	HVG	C2
68D		C3
70D		C4
71D		C5
73D		C6
75D		C7

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D34

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D34

(SY) **TABLE 4H** (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 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	01	02	D0,13	B5,50 V7,10	D1,54
	TR. PCH & LEAD DESIG F / R		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	H7	N'7
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 / R		G'0 0A-AT0	1	2	4	G'7 0A-AT7	H'0 0B-BT0	1	2	4	H'7 -BT7	J'0 0C-CT0	1	2	4	J'7 0C-CT7	K'0 0D0	1	2	4	K'7 0D7	L'0 0E0	1	2	4	L'7 0E7	M'0 0F0	1	2	4	M'7 0F7	M11
R6	TO		C6,41 V12,20	C6,42 V12,21	C6,43 V12,22	C6,44 V12,23	C7,40 V12,24	C4,10	C4,11 *	C4,52 *	C7,02 *	C7,03 *	A8,54 *	A11,52 *	B7,30 *	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 / R		G51 0G0	2 1	3 2	4 4	G55 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	
R5	TO							C,01	G,02	G,03	G,04	Δ	Δ	Δ	Δ	Δ	Δ	Δ							D2,20	D2,21 EH8	D2,22 EH9	D2,23	D2,24	D'.30	D2,31	D2,32 V13,23	D2,33
	TR. PCH & LEAD DESIG F / R		FRG	1	2	3	FR4	CNG	1	2	CH3	S/T3	S/T1	S/U0	1	2	4	S/U7							SR1	SR2 TH'2	SR3 TH'3	AG1	2	3	4	5 CRS TC	AG4 HMS
R4	TO		Δ *	Δ	Δ	Δ	Δ	Δ	Δ	C7,41	C7,42	A4,01	C7,52 VII,54 V7,20	C7,51	C6,54 VII,51 V7,21	C7,50	C7,54 V7,22	C5,53	C7,43	C7,44	B2,04	B9,51	T2,02	B9,10	B9,14	B9,03	B9,04	C5,12	B1,32	C5,13	C5,11	C5,14	
						V2,54	V2,53	V3,20	V3,22	V2,50	V2,44	V2,43	V7,20	V7,23	V7,21	V7, 22	V7,23	G139					V13, 11	V13,00	V11,13	V11,12	V13,32		W1,34	V12,43	V12,41	V12,42	
	TR. PCH & LEAD DESIG F / R		OSG/TO	OSG/T1	OSG/U0	1 POTS	2 DTW	4 W	OSG/U7 SCH	SSA SNC	SSB AC	AO' NAC	LH LST LST	RH LSD LSD	4DG	5DG	SC	NC TVT TVT	OBS'	NOB'	AHA	LOLL	LOLD SK1	VTC	DNC	FC	WAC	AID NH	NID SPL SPL	NT ORCO ORCO	NW 1 1	AF ORC2 ORC2	
R3	TO		Δ	Δ	Δ	Δ	Δ	B3,10	B3,11	B5,12	B3,13	B3,14	B9,33 V5,20 V13,03	B9,00 V11,30 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 / R		RN0 SPC0 ITC0	1	2	4	RN7 SPC7 ITC7	OSG	1	2	3	OS4	RNT0 OD	RNT1 AD	** CD1 RNTC	** AD1 RNT1	RNT20 RNT2							SK0	LCD0 LCDO	1	LCD2 LCD2	ACD ACD	NTT	APT	CRC'0 RNT'2	1	CRC'2	
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 / R		CP0 CP0	1	2	4	CP7 CP7	MB0 MB0	1	2	4	MB7 MB7	VU0 RN0 RNO	1	2	4	VU7 RN7 RN7	DL1 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
R1	TO		B1,10 V8,00	B1,11 V8,01	B1,12 V8,02	B1,13 V8,03	B0,10 V7,44	B7,50	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 / R		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	COR0 OFF-CD 0	1	2	4	COA7 OFF-CD 7	
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 / R		FT' SWT0 XX0 X20	1 SWT1 130	FT' XX2 X05	FT' 3	FU' SW0 XX0	1	2	4	FU' SW2 XX7	VG'0	1	2	4	7	VG'10	HG'0	1	2	4	HG'7	VF'0	1	2	3 4	VF'4	COA'0	1	2	4	COA'7	
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 X0

* THESE PUNCHINGS ARE NOT CROSS CONNECTED. SEE CAD 1108.

** 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 PPS AMH
56D	TJU GJA AMH
58A	LEA ASP AJS
59D	LEA JWP AJS
62D	PDT
640	CH
660	FMS
680	
700	
710	
730	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-D35

BELL TELEPHONE LABORATORIES INCORPORATED — DRAWING SIZE 6S

SD-25805-01-D35

STABILO

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 / R						TM	CKG	TCI	NE	TRN	GTL	TSE	FCK	FTCK	SNK	CK	FML	MAK1	T3K	RK1 ORK	RK2	VTK1	HTK1	FTK1	LFK	FK	LFK1	DTK	FAK	FBK	LCK
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 / R		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	RNT2
SA6	TO		B7,04	A4,13	A4,14	E2,34	D0,14	E323	WB03	WB13		V6,50	E320	V6,51	V3,13	V3,44	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 / R		RNK	SLK1 RN	SLK2 MO	RIK MG	CE1 SPA	MMK TTGO SKP	WCV TTG1	WFCK	WLFK SP	WHS1 X	LXWA XST XPL	JXWA X3ST	LXW1 XRL	JXW1 XTS XTC	WCK XTCK	WCN XNL	CWCN XDS XP	RSMK XRB	RUK1 XTL	TSK XTC	WDC1 XU	WTK XTKK	WTFK XP1	WSL XT1	ROCK XRTL XU1	TIR XCK	TRL XOF	BT XRD X2P	BRL XVF	HRL XET	CGT XVG
SA5	TO			A7,02	A7,01	A7,04	A7,03	A6,10	A6,42	A6,40	A6,33	A7,34	A6,23	A7,23	A6,26	A7,13	A7,20	A6,30	A6,21	A7,44	A7,32	A7,33	A7,12	A6,52	A6,53	C0,14 E324	A7,22 E321	A7,21	A6,14	A6,34	A4,11	A6,50	A6,00	A6,51
	TR. PCH & LEAD DESIG F / R		MXT	V2,53 XPG XCL TEA	V8,42 XCR TGR	V2,30 XJC XDL OPI	XMB	XCP	XBT XTV	XTS PRE	XTBI BA	WI,56 XTGI P	E39: XJG DTK	WI,53 XJS PTI	WI,51 XCLC XLR DTN	WI,11 XTL PT	E393 XLC PAK	V3,41 XLV CK	WI,31 XF PI	E394 XSL LC	WI,33 XTSI DS	WI,23 XRL XPT RD	WI,24 XRS TNR TBL	E399 XRS1 PTS	V3,10 XFT EOL TRL	V3,12 XHG COL TNK	E313 XLG HOK BSP	E312 XCS RL ASP	E316 XLS RL1 DA	E319 XLH RL2 HR	E328 XLO TRL SC	E314 XFUT MET SY	E325 XSS SXT DCT NS
SA4	TO		A ,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 V8,41	A6,20 V2,40	E0,44 V3,31	A9,41 V2,54	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	V9,50		WB34	WB22							
	TR. PCH & LEAD DESIG F / R		XS	XSA XHM TM	XN CKG	XTC CK7	XTCI CK1	XCKR XTRK CK2	XT XTRL CK4	XARL XAN FABC	XCH FACK	XVGA ONK	XVGB XCW RK	XLF IC	XSC TOK	XCE MRST CI3	XBHL LCP CI3	XI MRRL CIFA	XL TTKL CI2	XHG1 IRY	XHGA CI1	XST P5	XAB RLR	XWB	BCN	LSK		E255 ITT3	V6,53 OF	V6,54 TBY	V3,33 EXT	V3,34 R6	V3,12 WMXT BY
SA3	TO		C0,50	C0,51	C0,52	C0,53	B8,01	B8,02	E165 Δ	E166 Δ	E167 Δ	E163 Δ	E169 Δ	Δ	Δ	Δ	Δ	Δ	Δ	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 / R		FTTO	1	2	3	4	FTTS	FUTO CCO	1	2	4	FUT7 CC7	VGT/T0	VGT/T1	VGT/U0	1	V7,13 2 4WT IPT	V7,13 4 4WL RPT	VGT/U7	E339 HGTO TY	E393 1 IPA	E397 2 OTO	E392 4 HR1	HGT7	VFTO ME A	1 MTTR B	2 TST D	3 RTRS E	VFT4 3ANT SP	R50 3AM RT	R51 RTST TEN	R52 MTFT ET
SA2	TO		Δ	Δ V11,43	Δ V11,44	Δ V12,54	Δ V10,52	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	G71 E233	B8,31 E234	B8,32 E207	E200	E229	E223	E231	E220	E221	E222	E209	E228	E209	
	TR. PCH & LEAD DESIG F / R		CS/T0	1 AC	2 70G	4 RGK	CS/T7 G	CS/U0 T5L	1 T4L	2 OIK	4 MNK	CS/U7 PRLK	RTE0 P2L	1 P4L	2 P5L	4 B1R8	RTE7 IE	CGA ROP	CGB PRL	CGC 2L	TCGA 4L	TCGB CK	WBO ABX	1 VTC	WB2 TC	WBTO ROP1	1 RSG1	WBT2 RSG2	WMM RSG3	JSSF OTK	TBL TTK	WG4 MBK	WGB
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	WB31 E154 A4,21	WB32 E155 A5,14	WB23 E156 C1,54	WB33 E157 A1,34	WS24 E158 A4,24	E159 B2,01
	TR. PCH & LEAD DESIG F / R		CTO	1 RA1	2 RB1	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	1 DLQ	2 1	4 2	WL7 TSQ7 4	LLCK DL7	LLCO DR0	1 1	2 2	LLC3 4	SWAT TSA DR7
SA0	TO		Δ	Δ E133 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	Δ	Δ A3,41	Δ A3,42	Δ A5,02	Δ	Δ E160 A2,50	Δ E161 A2,51	Δ E162 A2,52	Δ E163 A2,53	Δ E164 A2,54	Δ A3,50	G76 A3,51	G77 A3,52	G78 A3,53	G79 A3,54
	TR. PCH & LEAD DESIG F / R		TBO	1 TRE	2 TRSA	4 TRSB	TB7 TRA	TG/T0 TRA2	TG/T1 HDA	TG/U0 PKA	1 HDB	2 PKB	4 ON	TG/U7 SW	FS/T0 SWI	1 RLK	FS/T2 RL1	FS/U0 RL2	1	2 CRT	4 ETM	FS/U7 SP	TS/T0 HTL	TS/T1 CLO	TS/U0 1	1 2	2 4	4 CL7	TS/U7 DR0	TS0 1	1 2	2 4	TS3 CR7
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	JKS PKR AHD
56D	TJD GW AHD
59D	LEA DJM AHD
62D	PTD
64D	CH
66D	PTD
70D	
71D	
73D	
75D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D36

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

SD-25805-01-D36

STABILO

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	Δ A3,31	A1,52	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 WCK	4 RSI	LC7 RS2	SF EOR	PR	TTF PSR	RF OCKF	EF WSF	SEF CTBL	JCO LCPT	1 ECT	2	3 BLO	4 1	5 2	6 4	7 BL7	8 BR0	JC9 1	STP1 2	STP2 4	BR7
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	TH0 LL0 SA	TH1 LL1 SB	TH2 LL2 SC	TH3 4 SD	LL7	CH0 CPTO	1 ETM0	2 ERT0	4 BAR	CH7 CKLS	PNR CKRS	PA CKL0	PB 1	PC 2	PE 4	JG0 CKL7	1 CKR0	2 1	3 2	JG4 4	CKR7	
RA6	TO		B7,10	A5,04 E270	B7,11 E271	C1,52 E272	B7,12 E273	A11,53 E274	B8,40 E275	C6, E276	8,41 E277	B8,42 E278	E2,13 E279	E280	E281	E282	B8,54 E283 AGCK	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	TP1 2	RP 3	RPK 4	DLT 5	CDN 6	48 7	5I 8	7T 9	10	11	12	13	14	ESCX 15	MCS 16	CH 17	NAR 18	RDR 19	RDS 20	CTUK 21	RYK 22	AIS 23	CLG 24	CLK TCK 25	OTT 26	TTK 27	NDI 28	NDK TLR29	
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	TH7	TO HN0	1	2	4	T7 HN7	U0 T0	1	2	4	U7 T7	T0S0 U0	1	2	T0S3 4	U 7		
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	LPI A10DT 0	LLP A10DT 1	LDN A10DT 2	POTS	MRI CTI	PAN	RIP	2LN	BLT	BLDA	DAT	KM	DAC	TLT RTK	RSO TPO	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
RA3	TO				B1,33 RIW	A8,42 AN	B5,54 SNG GLA	A8,40 NGK	NGK1 GLB	A8,53 UK	A8,52 HTUK	C2,50 TNK	C3,51 PTK	C7,04 P8X1	C6,10 SLCK	A9,40 CKD	A8,41 CKR	E0,50 LRA	A9,51 A	A9,53 AK	A9,52 SAE	A9,54 EG	A8,43 RNG -	A9,01 NR			A6,54 LCH	A7,50 TCH	C4,30 RSK	C3,54 LI	C3,50 TCK1	C3,52 SRK	C3,53 RCK2	A5,13 RCK3	
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	L1N	T1N	BW	RI	TBI	TBH	OV	BY	OFH	PUL	CSW 2LV	OHS	DN	PLB	LNPR	LNP	PHL	NPM	NPC	2LV	TCK	TA	LRL	
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	RO1	02	RO3	ROT	FGA	SGA	TGA	COP0	1	2	4	7	10	COP15	COP10	1	2	4	7	10	COP15	STL0	1	2	3	4	STL5	EX	PERF0	1	PERF2	
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	
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 A10D TRANSLATOR.

DRAWING ISSUE
52D
55D
56D
57A
590
E20
66D
630
730

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D37

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-D37

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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 CLT1 CLT2	RA6,41 RA6,43 RA6,44	A5,12 A4,20 A4,21	VH
36D	MFR DISC	CRRO-2	R6,24,30,31	C6,50-52	UH
39D	A&M ONLY	RIP	RA4,14	B9,22	TO

(SY) TABLE 4J

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	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
FU0-2	LC,13-15	R4,02-04
FU4,7	LC,16-17	R4,10,11
GRP0,1	LC,18,19	R4,12,13
LT0	LC,20	R4,14
LT1,2,4,7	LC,21-24	R4,20-23
LU0	LC,25	R4,24
LU1,2,4,7	LC,26-29	R4,30-33
RS0	LC,04	R1,04
S0	LC,03	R1,03
SR	LC,00	R1,00
TER	LC,01	R1,01
TM5	LC,10	R1,20
TT0	LC,30	R4,34
TT1,4,7	LC,31,33,34	R4,40-42
TU0,1	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	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	E210-219
(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	E299
(SA3) 33	E393
(SA3) 34	E297
(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	E259
(SA5) 14	E305
(SA5) 23	E255
(SA5) 31	E394
(SA5) 40	E395
(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	E323
(SA6) 32	E302
(SA6) 33	E387
(SA6) 41	E396
(SA6) 42	E389
(SA6) 53	E395

⊗ THESE PUNCHINGS ARE NOT CROSS CONNECTED. FOR LEAD CONNECTIONS SEE TABLE 1E OR TABLE 1F.

(SY) TABLE 4L

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
(R4) 24	(V1) 53
(R4) 30	G109
(R5) 10	G100
(R5) 20,21	G105,106
(R5) 24,30-38,40	⊗
(R6) 52	(V4) 11
(R6) 53	(V4) 12
(R9) 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) 26
(SA3) 30	(V4) 30
(SA4) 00	E305
(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

TABLE 4M (MFR DISC.)

CROSS CONNECTING TABLE FOR ELECTRONIC ROUTE TRANSLATION

CROSS CONNECT FROM	TO
(R6) 00-04	(V12) 20-24
(R8) 00-04	(V1) 00-04
(R8) 40-44	(V7) 00-04
(RA3) 00-04	(V6) 00-04
(RA3) 00-04	(V6) 20-24.
(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
(S7) 34	E340
(S7) 40-43	E341-344
(S8) 31	E304

TABLE 4N (MFR DISC.)

CROSS CONNECTING TABLE FOR ROUTE TRANSLATOR

CROSS CONNECT FROM	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	DRT0	E371 E370	DRT (D0-5) (C8-11) (ON TS F)	CROSS CONNECT TO DRT0 (E370,371) OR DRT1 (E372, 373) ACCORDING TO TENS DIGIT OF MARKER NUMBER
	DRT1	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 (D0-5) (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 148)

DRAWING ISSUE

	FILS
52D	72F 14F
62D	NF
70D	

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D38

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D38

TABLE 5B

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.154

CONTACT NUMBERS	RELAYS V6	V8		CONTACT NUMBERS
54	TBY	4L,		54
53	OF	2L		53
52	XNL			52
51	XRST			51
50	X	RLR		50
44	XOF	XIC, XTS		44
43	XVF	DNK		43
42	XET	TGR		42
41	XVG	TSL		41
40	4W, OAR2	TNO, SP		40
34	2W, OAR1	SW7		34
33	OFT	SW4		33
32	CK7, OARO	SW2		32
31	CK4, XS	SW1		31
30	OFF5	SWO		30
24	OFF4	VGTO		24
23	OFF3	VG7		23
22	OFF2	VG4		22
21	OFF1	VG2		21
20	OFFO	VG1		20
14	TH9	VGO		14
13	TH8	VF4		13
12	TH7	VF3		12
11	TH6	VF2		11
10	TH5	VF1		10
04	TH4	VFO		04
03	TH3	FT3		03
02	TH2	FT2		02
01	TH1	FT1		01
00	TH0	FTO		00

CONTACT NUMBERS	RELAYS V5	V7	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	CDO	50
44	HN4	FUO	SPC	44
43	HN3	MB7	NSP	43
42	HN2	MB4	OFT2	42
41	HN1	MB2	OFT1	41
40	HNO	MB1	OFTO	40
34	T9	MBO	OFF9	34
33	T8	CP7	OFF8	33
32	T7	CP4	OFF7	32
31	T6	CP2	OFF6	31
30	T5	CP1		30
24	T4	CPO	NID, RC3	24
23	T3	L5D	IDD, RC2	23
22	T2	5DG	AOS, RC1	22
21	T1	4DG	RNT1	21
20	TO	LST	RNTO	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	LO	RST10	00

TABLE 5C

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG.155

CONTACT NUMBERS	RELAYS V11	V13		CONTACT NUMBERS
54	LST			54
53	CP7			53
52	CPI	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	310	TIA2		40
34	BIRA	TIA1		34
33	CC9	TIAO		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	CCO	TARO		14
13	ONC	T5L		13
12	FC	T4L		12
11	LCD2	SK1		11
10	LCD1	SKO		10
04	LCDO			04
03	LO,1	OD		03
02	LO,O	RL1		02
01	NLO,1	RE1		01
00	NLO,O	REO		00

CONTACT NUMBERS	RELAYS V10	V12	V14	CONTACT NUMBERS
54		RGK		54
53	G	PRLT		53
52	NMB1	PNLK		52
51	NM90			51
50	NMF	P5L		50
44	NMX	P4L		44
43	OTK	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	CDO
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	IDD,RC2
22	AOS,RC1
21	RNT1
20	RNTO
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 NO PROVIDED TO ENABLE OPERATION WITH MORE THAN 10 REGULAR AMA RECORDERS PLUS 1 EMERGENCY RECORDER.

D. MAGNETIC TAPE (OFFICES WITH LAMA PRIOR TO ISSUE 200)

TABLE 5E

SHOWING DESIGNATIONS OF LEADS ON CONTACTS OF RELAYS IN FIG. 161

CONT NO.	RELAYS V0	V1	V2	V3	V4
54	F7	DIST	MRY	TTT	SW7
53	F6	SC	HN8	CWB	SW4
52	F5	XVF	HN7	T2K	SW2
51	F4	TM2	HN6	XVG	SW1
50	F3	VGTO	HN5	P	SWO
44	E7	VG7	HN4	PT	VF4
43	E6	VG4	HN3	MC	VF3
42	E5	VG2	HN2	TOP	VF2
41	E4	VG1	HN1	RLA	VF1
40	E3	VGO	HNO	FU7	VFO
34	D7	FT3	T9	FU4	XTL
33	D6	FT2	T8	FU2	TRLT
32	D5	FT1	T7	FU1	DNK
31	D4	FTO	T6	FUO	TGR
30	D3	OFF5	T5	TNK	RPT
24	C7	OFF4	T4	TRL	TPT
23	C6	OFF3	T3		XET
22	C5	OFF2	T2	OFT2	X
21	C4	OFF1	T1	OFT1	GC
20	C3	OFFO	TO	OFTO	RL
14	B7	H7	U9	TH9	2TR
13	B6	OFF9	U8	TH8	1TR
12	B5	OFF8	U7	TH7	MOB
11	B4	OFF7	U6	TH6	OBS
10	B3	OFF6	U5	TH5	TRA
04	B2	G7	U4	TH4	ROA
03	B1	G4	U3	TH3	CKT
02	B0	G2	U2	TH2	TRS
01	A1	G1	U1	TH1	TR
00	A0	GO	U0	THO	XRL

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	TRUO				
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 200 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

(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	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	ARO
19	FTKL
18	MRST
17	TV
16	ARS
15	ALS
14	AL7
13	AL4
12	AL2
11	AL1
10	ALO
9	BA
8	XTP
7	DTK
6	IPA
5	XTI
4	OTO
3	
2	SP
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	XXTC2-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	PI
30	TM
24	TNR
23	RD
22	MRRL
21	TRL
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	ARO
14	AL7
13	AL4
12	AL2
11	AL1
10	ALO
04	OTO
03	
02	
01	
00	

DRAWING ISSUE

43D	EM, Sim, AMA
52D	PLS, PLH, PLB
56D	TJO, Sim, AMA
66D	HVS
730	

ISSUE 98B

SD-25805-01-D39

MASTER TEST FRAME CONNECTOR CKT (2)

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		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		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
32	V0L	24	17	V0L	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

FROM			TO		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		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
32	V1L	24	19	V6L	24
		23			23
		22			22
		21			21
		20			20
		14	17	V1L	14
		13			34
		12	19	V9L	33
		11			32
		10			31
		04			04
		03			03
		02	17	V1L	02
		01			01
		00			00

FROM			TO		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		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
32	V2L	24	19	V5L	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

FROM			TO		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		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			
32	V3L	24	32	V4L	24
		23			23
		22			42
		21	19	V9L	41
		20			40
		14			14
		13			13
		12			12
		11			11
		10			10
		04			04
		03			03
		02			02
		01			01
		00			00

FROM			TO		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		54			54
		53			53
17	V3L	54			54
		53			53
17	V2L	24			52
19	V6L	41			51
		50			50
17	W1L	11			44
17	V2L	31			43
19	V7L	54			42
17	V2L	41			41
		53			40
19	V7L	52			34
		51			33
		50			32
		44			31
					30
			19	V8L	24
					23
					22
					21
					20
					14
					13
					12
					11
					10
					04
					03
					02
					01
					00

FROM			TO		
CAD	TERM. STRIP	TERM.	CAD	TERM. STRIP	TERM.
		54			34
		53			33
		52			32
		51			31
		50			30
		44			13
		43			12
		42			11
		41			10
		40			04
		34	117	AA	E201
		33	21	V13R	44
		32	19	V8L	43
		31			42
		30	19	V7L	14
32	V4L	24			13
		23	19	V6L	42
		22			50
		21			10
		20			11
		14	17	V2L	20
		13			14
		12			21
		11			22
		10			33
		04			34
		03	17	V3L	52
		02			51
		01			50
		00			13

DRAWING ISSUE
43D EMA LLH Ann

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-D40

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-D40

STABILO K&E

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	*FNA,TB6			**	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	PBN	R2	3	VK	M'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	LCN	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	TAN0				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	XCXR	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	TD	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	**JC0	JC0	38		LL0	S4	25	VK	TG0	R8	30	VK	XT5	S6	37	VK	NGK1	R4	28	VK	J'0	R6	10	VK	FS0	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	GT5	S8	13	VK	CH5	CH5	3T		TB5	S1	55	VK	XCH	S6	57	VK	U5	U5	38		H'0	R6	5	VK	FG0	S4	18	VK	*RP0	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	CH0	CH0	3T		TB0	S1	50	VK	XLV	S5	48	VK	U0	U0	38		G'0	R6	0	VK	TF0	S4	20	VK	CR0	R7	25	VK	30
29	CT0	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	T3K	S8	44	VK	VTK1	S7	31	VK	XJS	S5	44	VK	T8	T8	38		F'4	MISC	493	VK	DCX/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	S4	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	S5	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	XVGA,TCM	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	S5	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	FT0	MISC	400	VK	OS0	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	XT8	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	HN0	HN0	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	XDL	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	SM	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	XDB	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	DL6	R5	27	VK	2
1	HG'1	RO	16	VK	TS1	MISC	241		RO'	S2	29	VK	*XFT	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	TS0	MISC	240		LXP1	S8	36	VK	XFUT	S5	37	VK	**	R1	29	**	A'0	MISC	495	VK	HG0	MISC	415	VK	SCT				0

*SEE TABLE 51B
**SEE TABLE 51C

DRAWING ISSUE
43D
58A
62D CF
68D
70D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D41
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D41

STABILO

TABLE 51A (CONT)
(FOR TABLE I)

CONTACT OR TERM.	RELAYS OR TERM. STRIPS																																				CONTACT OR TERM.
	B2				B3				C0				C1				C2								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	TP'	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			*	*PTK	R4	27	*					LSD	MISC	379	VK	OBST				TCH6								56
55	**M7	R5	28	**	UTO	MISC	145	VK	LCK	S8	46	VK	TCK1	R2	20	VK	MPT	S3	27	VK	SOG	MISC	378	VK	SRT OR SRT1				TCH5								55
54	**L7	R7	24	**	*BR7	R6	29	*	HGK	S7	36	VK	T8H	R2	17	VK	NTT	S3	26	VK	40G	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	BT	R2	7	VK	AL	R5	57	VK	CBR2	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	CBR1	R5	45	VK	TB				TCH1								51
50	**LO	R7	20	**	*BRO	R6	25	*	FTTO	S4	30	VK	TNK	R4	26	VK	FTCK	S8	40	VK	CBR0	R5	44	VK	SB				TCH0								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	S5A	S1	6	VK	LLI				KJSQ								46
45	**KO	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	ROT				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	JO	MISC	470	VK	*ARO	R2	25	*	FUTO	S4	34	VK	TRS	MISC	358	VK	RCT10	S4	54	VK	SGN	S7	11	VK	FTC				JSQO								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				MT3K								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	CHN	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	HO	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				CTAO								34
33	G4	MISC	453	VK	*TSC5				BST				CU4	RO	28	VK	RCT3	S4	47	VK	CP4	MISC	383	VK	SBT				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	13	VK	CP3	MISC	380	VK	MTIK				CSG1								30
29	F7	MISC	479	VK	TT	S4	1	VK	HGT9	S3	54	VK	CS29	MISC	669	VK	R59	R7	39	VK	M87	MISC	389	VK	S4				THGT9								29
28	F4	MISC	478	VK	FVD	S4	2	VK	HGT8	S3	53	VK	CS28	MISC	668	VK	R58	R7	38	VK	M34	MISC	388	VK	S3				THGT8								28
27	F2	MISC	477	VK	LT	S4	0	VK	HGT7	S3	52	VK	CS27	MISC	667	VK	R57	R7	37	VK	M32	MISC	387	VK	S2				THGT7								27
26	F1	MISC	476	VK	11	S4	4	VK	HGT6	S3	51	VK	CS26	MISC	666	VK	R56	R7	36	VK	M31	MISC	386	VK	S1				THGT6								26
25	F0	MISC	475	VK	X11	S4	3	VK	HGT5	S3	50	VK	CS25	MISC	665	VK	R55	R7	35	VK	M30	MISC	385	VK	SO				THGT5								25
24	E7	MISC	469	VK	LT1	S4	15	UC	HGT4	S3	49	VK	CS24	MISC	664	VK	R54	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	R53	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	R52	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	R51	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	R50	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				*9FB			*	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	S3	57	VK	CS17	MISC	657	VK	HH	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	*5FT			*	S1B				TVFT1								16
15	DO	MISC	455	VK	TC	R4	30	VK	VFTO	S3	55	VK	CS15	MISC	655	VK	*NC	S3	24	*	*5MT			*	S1A				TVFTO								15
14	C7	MISC	449	VK	*OSG9	S1	27	*	VFT	S6	56	VK	CS14	MISC	654	VK					*3TT			*	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	*PAB	R5	54	*	*1TB			*	CKG2				TVGT11								11
10	CO	MISC	445	VK	*OSG5	S1	5	*	VGT10	S3	40	VK	CS10	MISC	650	VK	*PAA	R5	53	*	SLCR	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	LX1	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	43	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	*	**FAO			**	FTT				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 6S

SD-25805-01-D42

STABILOKE

TABLE 51B
OPTIONAL CONNECTIONS
(FOR TABLE 51A)

RELAY DESIG	TERM. NO.	LEAD DESIG	LOC TABLE CONN TO	OPTION
A0	36	HTR	S7-42	ZS,VK
A2	16	XAP	S5-56	R,VK
	25	PTK	R4,27	XM,VK
A3	1	XFTT	S5-58	ZK,VK
	11	XRCT	S5-58	
	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	ARO-7	R2-25-29	ZV,VK
	50-54	ARO-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	MC	S3-24	ZK,VK
C3	0	MMR		ZI,VK
	11	1TB	R7-41	YS,VK
		1SC		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 426	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	WM,VK	MD	21A
		ORK		WN,VK	A&M	
A2	7	CHE	S8,35	WM,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
B5	23	SEF	MTR-9T	VJ	A&M	26A
B3	24	LT1	S4,15	UC	STD	27D
	20	CL7	R4,40	UP		36D
	21	THT0	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	S7,41	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	V1	V2	V3	W0
	LEAD DESIG	LEAD DESIG	LEAD DESIG	LEAD DESIG	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	XGF	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	RD
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	TCK	CP1	B1	E'1
20	HN0	OF	CP0	B0	E'0
19	TH9	TBY	L50	A7	
18	TH8	TGR	506	A4	BY
17	TH7	TES	406	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	TRY	NCB	L1	F'1
10	TH0	TSL	ZTR	L0	F'0
9	CK7	RLA	TTR	M7	
8	CK4	RK	CXG	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 KTMN Gen Bkr
52D RLS PBT AMP
58A PBT WDA AMP

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-D43
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-D43

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	V4	54	54	WO	59	54
		53	VO	07	53		28	53		39	53		53	53		58	53
		52		06	52		27	52		38	52		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		48	43
		42		53	42		22	42		28	42		7	42		47	42
V1	46	41		52	41		21	41		27	41	V3	6	41		46	41
	45	40		51	40		20	40		26	40		5	40		45	40
V2	34	34		50	34		39	34		25	34		5	34		39	34
	33	33		49	33		38	33		24	33	V2	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	V3	30	V0	35	V5	30	21	V7	30	30		35	30
	54	24		43		24		34		24	20		24	UNASSIGNED	V9	24	WO	29	W1	24
	53	23		42		23		33		23	19		23			23		28		23
	52	22		41		22		32		22	18		22			22		27		22
	51	21		40		21		31		21	17		21			21		26		21
	50	20		39		20		30		20	16		20			20	UNASSIGNED			20
	44	14		33		14		49		14	14		14			14				14
	43	13		32		13		48		13	13		13			13				13
V3	42	12	V4	31		12		47		12	01		12			12				12
	41	11	V1	30		11		46		11	00		11			11	WO	16		11
	40	10	V4	30		10		45		10	09		10	V4		10		15		10
	34	04		28		04		44		04	14		04			04	UNASSIGNED			04
	33	03	VI	27		03		43		03	13		03			03				03
	32	02		26		02		42	V3	02	12		02			02				02
	31	01	UNASSIGNED			01		41		01	11		01			01				01
	30	00	VI	23		00		40		00	10		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		52
	56	51		15		51		51		51	25		51			51		51		51
	55	50		14		50		50		50	34	V1	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	44	V4	40		02	40		40		40
	39	34		07		34				34	43		34		59	34		34		34
	38	33		06		33				33	55	V1	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		31		31
V3	35	30		03	V2	30	UNASSIGNED			30	05	V6	30		55	30	WO	30	W0	30
	29	24		00		24				24	34		24	V8	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	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 EPM 4m 440

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D44

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D44

STABILOKAS

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 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	
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
			50	V1	57		50		25		50		36		50		50				50
	34		44		56		44		24		44		35		44		42	W0	49		44
V4	33		43		54		43		23		43		29		43		41				43
	32		42		53		42		22		42		28		42		07	UNASSIGNED			42
V1	46		41	UNASSIGNED			41		21		41		27		41	V3	06				41
	45		40	V1	51		40		20		40		26		40		05				40
	34		34		50		34		39		34		25		34		05				34
	33		33	UNASSIGNED			33		38		33		24		33		04				33
V2	32		32		48		32		37		32		23		32	V2	03				32
	31		31		47		31		36		31	V2	22		31		02				31
	30		30	V1	44	V3	30	V0	35	V5	30		21	V7	30	F	IGNED		30	W0	35		30
	54	V1	24		43		24		34		24		20		24		24	V9	24	UNASSIGNED		W1	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		4		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	UNASSIGNED			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		35		44		31		44				44
	48		43		12		43				43		36		43	V1	22		43				43
	47		42		11		42				42		37		42		18		42				42
	46		41		09		41				41		38		41		10		41				31
	45		40	V1	08		40				40	V4	44		40		02		40				40
	39		34		07		34				34		43		34		59		34				34
	38		33		06		33				33	V1	55		33		58		33				33
	37		32		05		32				32		09		32		57		32				32
	36		31		04		31				31		08		31		56		31				31
V3	35	V0	30		03	V2	30		UNASSIGNED		30	V4	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	V0	00		20	V2	51		20				20
	24		14		09		14		59		14		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		55		10		15		10		46		10				10
	19		04		04		04	V0	54		04		14		04		45		04				04
	18		03	V3	02		03		53		02		13		03		43		05				03
	17		02		01		02		52		01		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	XEI	
07	DTK	
06	IPA	
05	XTI	
04	OTO	
03	PAK	
02		
01	LC	
00	AT	YM

SD-25805-01-D45

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-D45

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

(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	⋮			⋮								
576			144	152			342								
⋮	60		⋮	144			339								
572			140	⋮			⋮								
599			139	140			335								
⋮			⋮	149			334								
592			132	⋮			⋮								
590			131	145			330								
588			130	137			329					704			139
				120			328					⋮			⋮
				139			327					700			135
872	60		110	121			326					709			134
871			109									⋮			⋮
				129			325					705			130
				134			324					694			129
				135	60		323					⋮			⋮
				131			322					690			125
586			106	130			321					99			124
584			105	138			320					⋮			⋮
582			103	132			319					695			120
580			101	136			318					684	60		119
73			99	127			317					⋮			⋮
70			98	133			316					680			115
74	60		97	126			315					639			114
77			96	128			314					⋮			⋮
76			95	123			313					635			110
777			94	122			312					176			109
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
83			87	172			303					376			69
36			86	119	60		302					375			53
35			85	179			301					374			67
41			84	178			300					373			66
83			83	669			299					674			64
⋮			⋮	⋮			⋮					⋮			⋮
80			80	640			270					670			60
89			64									19			59
44			63					489			399	⋮			⋮
42	60		62					483			398	12			52
177			59					484			397	78			51
609			39	931	60		259	488			396	209	60		50
⋮			⋮	⋮			⋮	⋮			⋮	⋮			⋮
606			36	930			258	527			395	30			40
739			35					481			394	259			39
⋮			⋮					⋮	60		⋮	⋮			⋮
734			30					486			393	250			30
769			19					525			392	208			29
⋮			⋮					487		E	391				
760			10					⋮			⋮				
848	81		09					505			390				
⋮			⋮					485			389	114			24
845			06					⋮			⋮	⋮			⋮
								497			388	100			10
								529			387	99			09
				639	60		199	913			383	93	60		08
				⋮			⋮	⋮	89		⋮	⋮			⋮
				620			180	900			381	90			05
								173	60		380	98			04
												96			03
												95			02
69	51		01					959			369	94			01
840			00					⋮	89	E	⋮	⋮			⋮
								950			360	849	51		00

DRAWING ISSUE

43D	JPM 6-1-88
45D	JB 10-1-88

ISSUE 98B

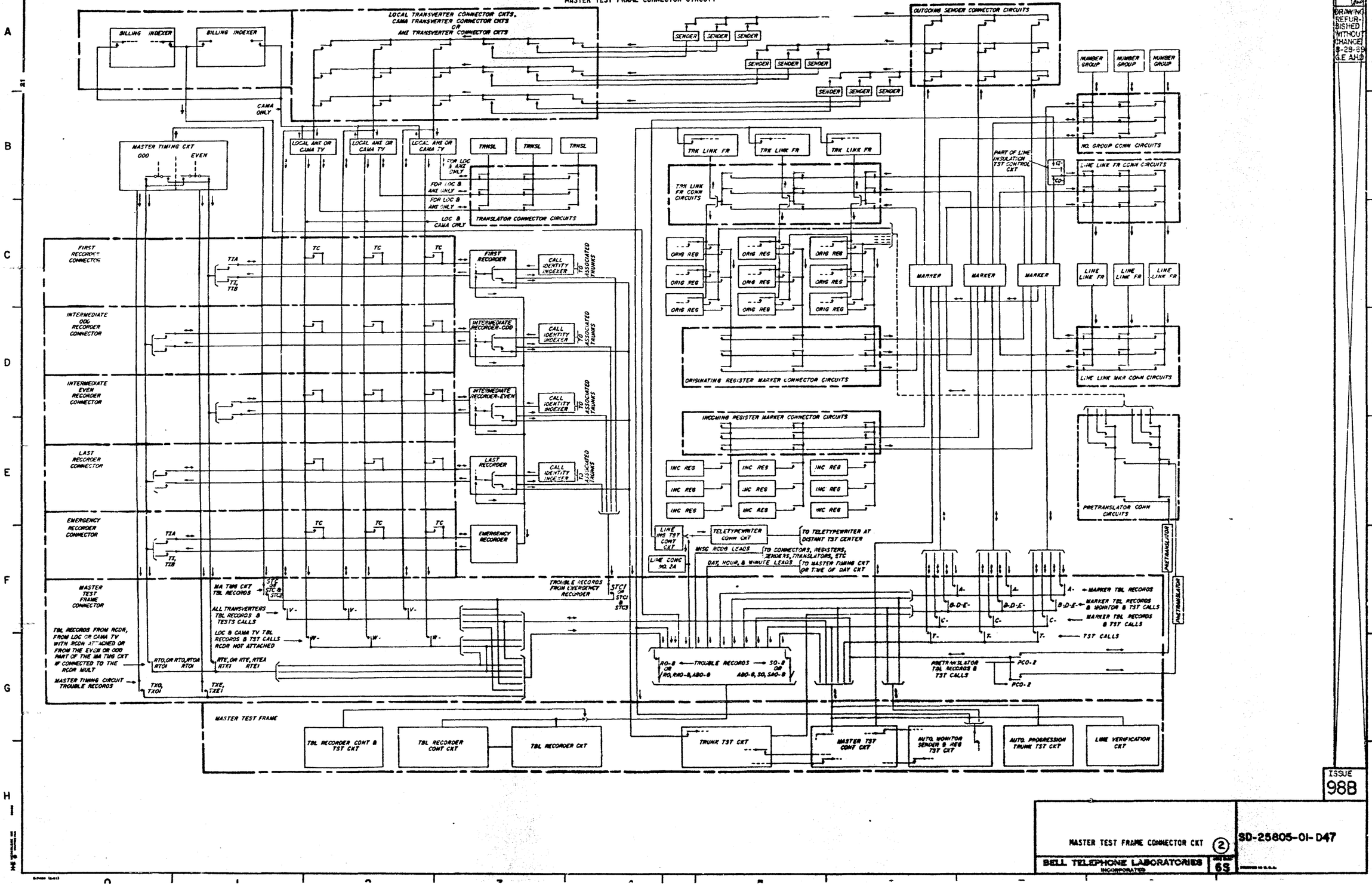
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D46

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-25805-01-D46

STABILO

FIG. 201
MAJOR GROUPS OF CONNECTING LEADS
MASTER TEST FRAME CONNECTOR CIRCUIT



DRAWING ISSUE 43D (MTC, Gen, Rem)
DRAWING REFURBISHED WITHOUT CHANGE 8-28-69 G.E. AHD

ISSUE 988

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D47

BELL TELEPHONE LABORATORIES INCORPORATED 65

SD-25805-01-D47

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				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 (TV0-5)	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 (TV0-5)	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- STC2-	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 DOUBLE RECORDER CARD — RELAYS OPERATED				DOUBLE SIDED TROUBLE RECORDER CARD — CONVERTED FRAME — RELAYS OPERATED — FOR FRAME WHICH HAD AMA PRIOR TO ISS 20D				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 9	**** 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 (TV0-5)	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- (TV0-5) 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 (TV0-5) 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 43D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-D48

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-D48

STABILOMÉ

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	TEST FOR	AFTER SOAK MA	TEST MA	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						T(REL TST)	GRD	2		0		170	160	
															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	
AB0-8	AF23	U0, UI	152, 66										0		73	69.5	WDG ALONE
									U(REL TST)	GRD	3		0		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	TEST FOR	AFTER SOAK MA	TEST MA	READJ MA	REMARKS
B0-2	286B		150										0		85	80	WDG ALONE
									T(REL TST)	GRD			0		290	275	COMB. OF (B0),(B1), & (B2)
B0-3, B4	263G	YW	8								1		0		73.5	70	
			9						T(REL TST)	GRD	2		0		170	160	
															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), & (37)
B6	287A	XT	9						T(B5)	GRD			0		80	75	WDG ALONE
											2		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 102A

* MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-FI

65

SD-25805-01-FI

E-7423 (6-66) 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
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	286B		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		13.5	14.4	
CHO-9	293C		179										0		10		SEE NOTE 4 PAGE 10
C1C	U675		1	161/178	H	53			T(C1C)	GRD			0		35		
C1T	U238		1	117/145	H	47			T(C1T)	GRD			0		19.5	18.5	
C1TA	U179	ZF	43	117/145	H	47			T(C1TA)	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		163										0		85	80	WDE ALONE
													0		190	180	COMB. OF (DO) & (D1)
		TP							T(REL TST)				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

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 988

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-F2

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

E-7423 (4-68) CBL-230 (10-73)

SD-25805-01-F2

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
E0, E1, E2	286B		57, 164						T REL TST	GRD			0		85	80	WDG ALONE
		TA	164							GRD			0		190	180	PAR. COMB. (E0) & (E1)
		SL	164							GRD			0		290	275	PAR COMP OF (E0),(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
										GRD			0		190	180	PAR. COMB. OF (F0) & (F1)
FSO-29	318B		172										0		14		SEE NOTE 5 ON PAGE 10
FSP	U168	TX	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										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	U722	VV	1	148/145	H	47			T(ITT)	GRD			0		22.5	21	
ITT1	U115	VV	1	113/113	H	29			T(ITT1)	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	108/106	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) & (AC) 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 MKB1	U695		6	113/113	H	29							0		10.4	9.9	WDG ALONE
									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	UI,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 (MKC), (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	

E-7423 (10-69) CBL

SD-25805-01-F3

DRAWING ISSUE: 73D, 75D

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
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	108/106	H	47	1T REL TST	B REL TST		BAT.			0		19.5	18.5	
			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-	2868		52						T REL TST	GRD			0		85	80	WDG ALONE
															290	275	PAR. COMB. OF (B3), (B4)/(B1) & (P0)
P1	2868		52						T REL TST	GRD			0		85	80	WDG ALONE
															290	275	PAR. COMB. OF (B8), (B9)/(B3) & (P1)
P2	2868		52						T REL TST	GRD			0		85	80	WDG ALONE
															290	275	PAR. COMB. OF (A10), (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		6 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 (VGT10),(VGT11),(OSG10) OR (OSG11) CONNECT GROUND TO TERMINAL 19,29, 39 OR 49 RESPECTIVELY.

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-F3

BELL TELEPHONE LABORATORIES INCORPORATED

SYSTEM 6S

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	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
RO-8	2868		152							T REL	GRD	1		0		85	80	WDG ALONE
										TST	GRD	3		0		400	375	
														0		470	440	
RO-8	263E	YW	10											0		115	110	EACH WDG
										T REL	GRD			0		255	245	WINDINGS IN PAR.
										TST		2				540	515	
RO-8	2878	YX	10											0		160	150	EACH WDG
										T REL	GRD			0		350	335	WINDING IN PAR
										TST		2		0		745	705	
RAO-8	2863		152											0		85	80	WDG ALONE
										T REL	GRD	1		0		400	375	
										TST	GRD	3		0		470	440	
RC	U675		24		161/178	H	53	(RR)10		T(RC)	GRD			0		35	33	
RCR	U119		24		145/123	H	47	(RR)0		T(RCR)	GRD			0		16	14.9	
REP	U168		183		108/106	H	47		B(REP)		BAT.			0		19.5	18.5	
REP1	U73		183		146/117	H	47			T(REP1)	GRD			0		21	20	
REP2	U135		183		121/130	H	50	1T(REP2)	B(REP2)		BAT.			0		22	21	
RF	U422		11		132/101	H	47		B(RF)		BAT.			0		14.4	13.7	
RF	1/2 AK20		166		217				2U(RF)		BAT.			0		20.5	19.5	MTD WITH (EF)
RG20-23	319B		173											0		14		SEE NOTE 5 ON PAGE 10
RGC0	U589		35		119/119	H	35			T REL	GRD			0		13.7	13	
RGC1										TST								
RGC2		XY																
RM	U65		1		113/113	H	29					4		0		20.5	19.5	WDG ALONE
RM1												5		0		46	43.5	
										T REL	GRD	10		0		70.5	67	
										TST								
RMA	U1334	Y	1		111/111	H	29			T(RMA)	GRD			0		14.3	13.6	
RMS	U65		182		113/113	H	29							0		20.5	19.5	WDG ALONE
RMIS												11		0		46	43.5	
										T REL TST	GRD	10		0		70.5	67	
RNO-9	293C		179											0		10		SEE NOTE 4 ON PAGE 10
RNA	U180		22		132/111	H	47			T(RNA)	GRD			0		16.5	15.5	
RON	U65		1		113/113	H	29			T(RON)	GRD			0		20.5	19.5	
												12		0		46	43	
RONA	U65		1		113/113	H	29			T(RONA)	GRD			0		20.5	19.5	
												12		0		46	43	
ROS	U1301	J	1		123/123	H	29			T(ROS)	GRD	6		0		14.1	13.4	
ROS	U1263	H,W	1		112/134	H	35			T(ROS)	GRD			0		21	20	
RP	U522		38		108/111	H	47							0		18	17	WDG ALONE
RP1												7		0		40	38	
										T REL TST	GRD	10		0		61.5	58.5	
RPR-EMG	U168					H	47	3T(MTP)	9 REL		BAT.			0		19.5	18.5	
RPR-			16						TST									
RPR-			17															
RPR0			15															
RR	U57		22		112/112	H	29			T REL	GRD			0		20	19	WDG ALONE
RR1										TST								
RR2		WD										8		0		44.5	42.5	TWO WINDINGS IN PAR.
RR3		WC										8		0		69	65	THREE WINDINGS IN PAR.
		TH										8		0		86	82	FOUR WINDINGS IN PAR.
RR4,5		NJ										8		0		108	103	FIVE WINDINGS IN PAR.
RST 24-29	318B	NJ	173									13		0		10		SEE NOTE 5 ON PAGE 10

DRAWING ISSUE: 43D P EM W63 FAR FLP; 52D RM AA; 62D NJP; 66D FAR; 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 (M8) 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.

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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	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
RT RT1	AF57		162		210					U REL TST	GRD			0		27	25.5	
RT RT1, RT2	U57	WD	22		112/112	H	29			T REL TST	GRD			0		20	19	WDG ALONE
													1	0		44.5	42.5	TWO WINDINGS IN PAR.
RT3		WC											1	0		69	65	THREE WINDINGS IN PAR.
		TH											1	0		86	82	FOUR WINDINGS IN PAR.
													1	0		108	103	FIVE WINDINGS IN PAR.
RTE	2868		156											0		85	80	WDG ALONE
										T(RTE)	GRD	2		0		190	130	
										T(RTE)	GRD	3		0		225	215	
RTE	263G	YW	27										4	0		73.5	70	
										T(RTE)	GRD	5		0		170	160	
										T(RTE)	GRD	6		0		205	190	
RTE	287A	YX	27										4	0		30	75	
										T(RTE)	GRD	5		0		180	170	
										T(RTE)	GRD	6		0		215	205	
RTE1	U65		28		113/113	H	29							0		20.5	19.5	WDG ALONE
										T(RTE1)	GRD	6		0		155	145	
RTEA	2868		156											0		85	80	WDG ALONE
										T(RTEA)	GRD	2		0		190	130	
										T(RTEA)	GRD	3		0		225	215	
RTO	2868		156											0		85	80	WDG ALONE
										T(RTO)	GRD	7		0		190	130	
										T(RTO)	GRD	9		0		225	215	
RTO	263G	YW	27										4	0		73.5	70	
										T(RTO)	GRD	5		0		170	160	
										T(RTO)	GRD	12		0		205	190	
RTO	287A	YX	27										4	0		30	75	
										T(RTO)	GRD	5		0		180	170	
										T(RTO)	GRD	12		0		215	205	
RTO1	U65		28		113/113	H	29							0		20.5	19.5	WDG ALONE
										T(RTO1)	GRD	12		0		155	145	
RTOA	2863		156											0		85	80	WDG ALONE
										T(RTOA)	GRD	7		0		190	130	
										T(RTOA)	GRD	8		0		225	215	
RTOS	U119		1		145/123	I	47			T(RTOS)	GRD			0		16	14.9	
RTP	1/2AK22		195		216					1U(RTP)	GRD			0		27.5	26	MTD WITH (RTSB)
RTPO	U168		191		109/106	H	47	1T(RTPO)	B(RTPO)		BAT.			0		19.5	18.5	
RTP1	U163		181		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	2868		152											0		85	80	WDG ALONE
										T REL	GRD	11		0		400	375	
										TST	GRD	10		0		470	440	
SO-8	263E	YW	10										4	0		115	110	
										T REL	GRD	5		0		255	245	
										TST		9		0		540	515	
SO-8	287B	YX	10										4	0		160	150	
										T REL	GRD	5		0		350	335	
										TST		9		0		745	705	
SO-14	318B		170											0		14		SEE NOTE 5 ON PAGE 10

DRAWING ISSUE: 43D P EM W63 FAR FLP; 52D RM AA; 62D NJP; 66D FAR; 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

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ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-F4

BELL TELEPHONE LABORATORIES INCORPORATED — DRAWING SIZE 6S — PRINTED IN U.S.A.

SD-25805-01-F4

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	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
SAO-8	286B		152						T REL TST GRD	GRD	3		0		85 400	80 375	WDG ALONE
										GRD	4		0		470	440	
SC	U73		53	146/117	H	47			T(SC)	GRD			0		21	20	
SEF	U422		11	132/101	H	47		B(SEF)		BAT.			0		14.4	13.7	
SEF	1/2AK20		166	217				2U(SEF)		BAT.			C		20.5	19.5	MTD WITH (EXB)
SKT	U809		43	112/117	H	47		B(SKT)		BAT.			0		19	18	
SL	U422		42	132/101	H	47			T (SL)	GRD			0		14.4	13.7	
SP0 SP1	U1299		7	132/106	H	47	3T(SP2)	B REL TST		BAT.			0		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		134	132/106	H	47		B(SP4)		BAT.			0		38.5	36.5	
SSP	U168	08	186	108/106	H	47		B(SSP)		BAT.			0		19.5	18.5	
STC	U65		29	113/113	H	29							0		20.5	19.5	WDG ALONE
									T(STC)	GRD			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							0		20	19	WDG ALONE
									T(STC1)	GRD			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							0		20	19	WDG ALONE
									T(STC2)	GRD	5		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							0		20	19	WDG ALONE
									T(STC3)	GRD	6		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										0		85	80	WDG ALONE
									T REL TST GRD	GRD			0		190	180	COMB. OF (T0) & (T1)
T0,1 T2,3	263G	YW	8 9								1		0		73.5 170	70 160	
									T REL TST GRD	GRD	2		0				
T0,1 T2,3	287A	YX	8 9								1		0		80	75	
									T REL TST GRD	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										0		85	80	WDG ALONE
									T REL TST GRD	GRD			0		190	180	COMB. OF (T2) & (T3)

DRAWING ISSUE: 430 EM, 480 LW, 520 RA, 620 NJF, 660 RAP, 680, 750

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.

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-F5

BELL TELEPHONE LABORATORIES INCORPORATED

PRINTED IN U.S.A.

SD-25805-01-F5

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	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
T4,5	286B		151										0		35	80	WDG ALONE
									T REL TST GRD	GRD			0		190	180	COMB. OF (T4) & (T5)
T6,7	286B		151										0		85	80	WDG ALONE
									T REL TST GRD	GRD			0		190	180	COMB. OF (T6) & (T7)
T8	U828	RL	176	112/109	H	29			T REL TST GRD	GRD			0 0		17.5 72	16.5 68	WDG ALONE PAR.COMB. OF (T8)& (GO(-))/(HO(-))
TAA-	1/2AK22		62	216				1U 1L (TVA-)		GRD			0		27.5	26	(TAAQ)MTD WITH (TAA1) (TAA2)MTD WITH (TAP2)
TAP-	1/2AK22		62	216				1U 1L (TVP-)		GRD			0		27.5	26	(TAPQ)MTD WITH (TAP1) (TAP2)MTD WITH (TAA2)
T80-9	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	3188		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	55	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	3188		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	AF18		159	208					U(TTL)	GP			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)9		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		8.2	7.8	
TVB	286H		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,	AF32		159	208				L REL TST		BAT.			0		32.5	30.5	
TVP1																	
TVPO	AF32		168	208				L REL TST		BAT.			0		32.5	30.5	
TVP1																	

DRAWING ISSUE: 430 EM, 480 LW, 520 RA, 620 NJF, 660 RAP, 680, 750

TEST NOTES:

1. INSULATE 1B(TS) REL "ZH" OPTION.

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-F5

BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING SIZE 6S

PRINTED IN U.S.A.

SD-25805-01-F5

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
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		45	42.5	
UO-9	U422		11	132/101	H	47		B REL TST		BAT			0		14.4	13.7	
UO-9	293C		177										0		10		SEE NOTE 4 ON PAGE 10
UO,2, 4,6,8	1/2AK20		156	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	25								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, 52D, 65A, 66D, 75D

TEST NOTES:

1. PAR. COMB. OF (TXE) & (TXE1) OR (TXO) & (TXO1) RELAYS.
2. EACH WINDING ALONE.
3. BOTH WINDINGS IN PARALLEL.

MASTER TEST FRAME CONNECTOR CKT — SD-25805-01-F6

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
V8,9	286H		61										0		85	80	REL WDG ALONE
									T REL TST	GRD			0		190	180	COMB OF (V8) & (V9)
V10- V12	286B		155										0		85	80	WDG ALONE
									T REL TST	GRD			0		290	275	COMB. OF (V10), (V11) & (V12)
V13, V14	286B		155										0		85	80	WDG ALONE
									T REL TST	GRD			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 0-4	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 0-4	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, 52D, 65A, 66D, 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 102A

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-F6

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S — PRINTED IN U. S. A.

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 & CT	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 LL C FR BS TL
$^{WB}_{BS}$TLC	WIDEBAND/BIT-STREAM TRUNK LINK CONNECTOR PART OF WB LL C FR BS TL

DRAWING ISSUE
70D
71D
74A
75D

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT

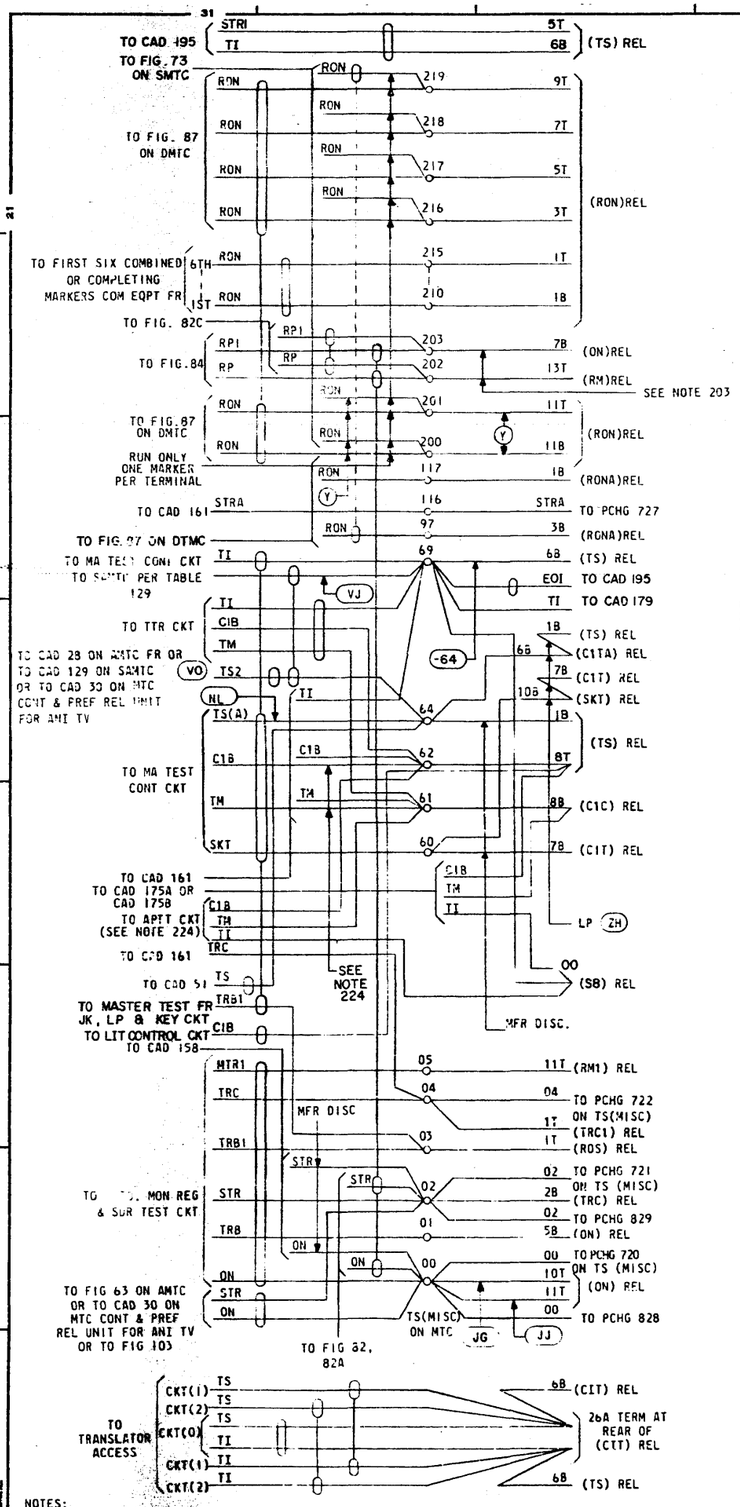
(2) SD-25805-01-GIA

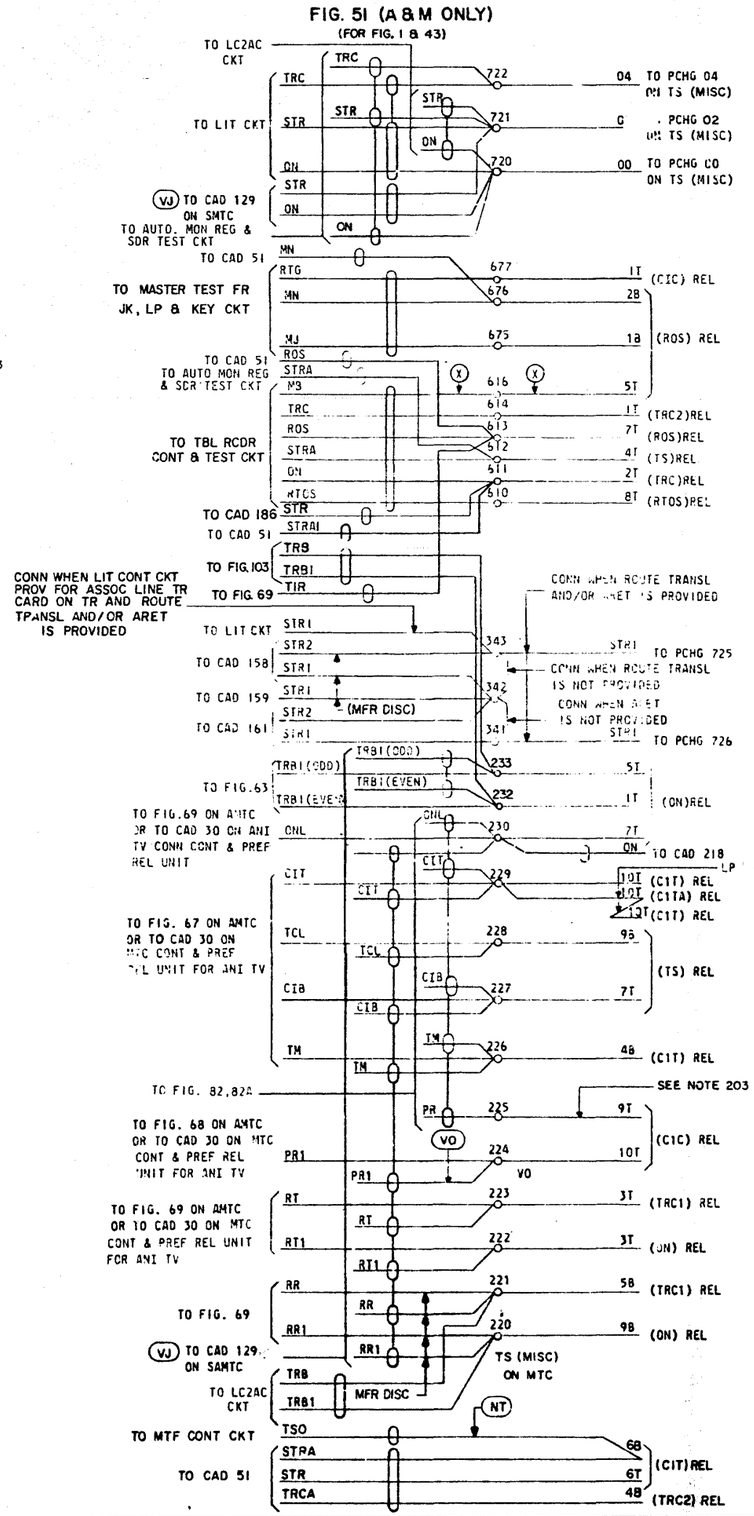
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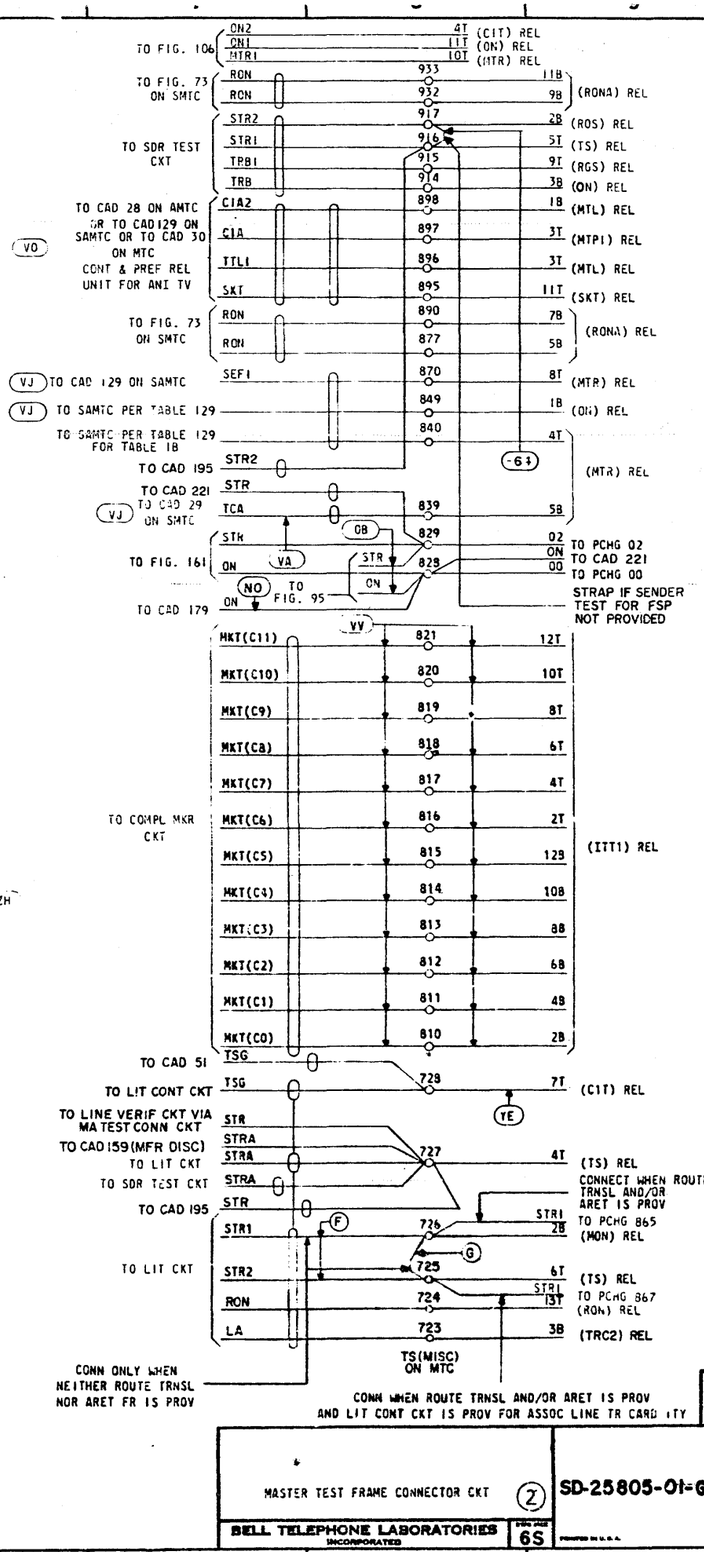
SD-25805-01-GIA

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

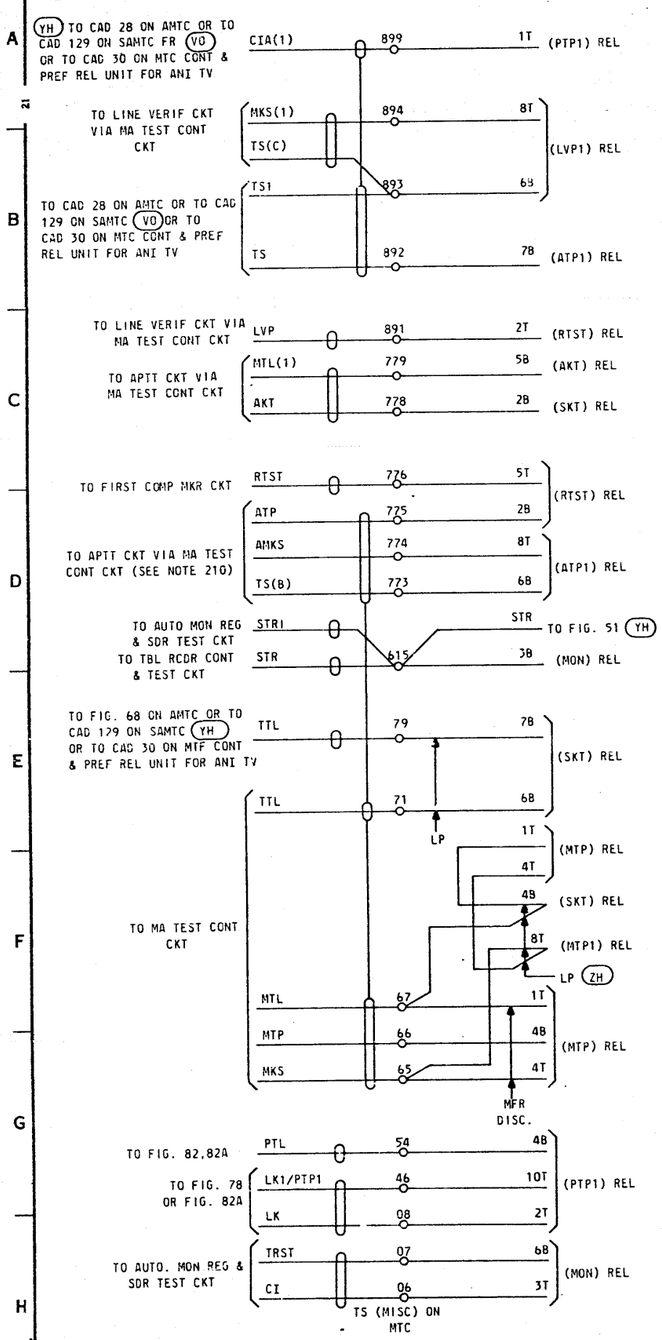
MASTER TEST FRAME CONNECTOR CKT (Z) SD-25805-01-01B

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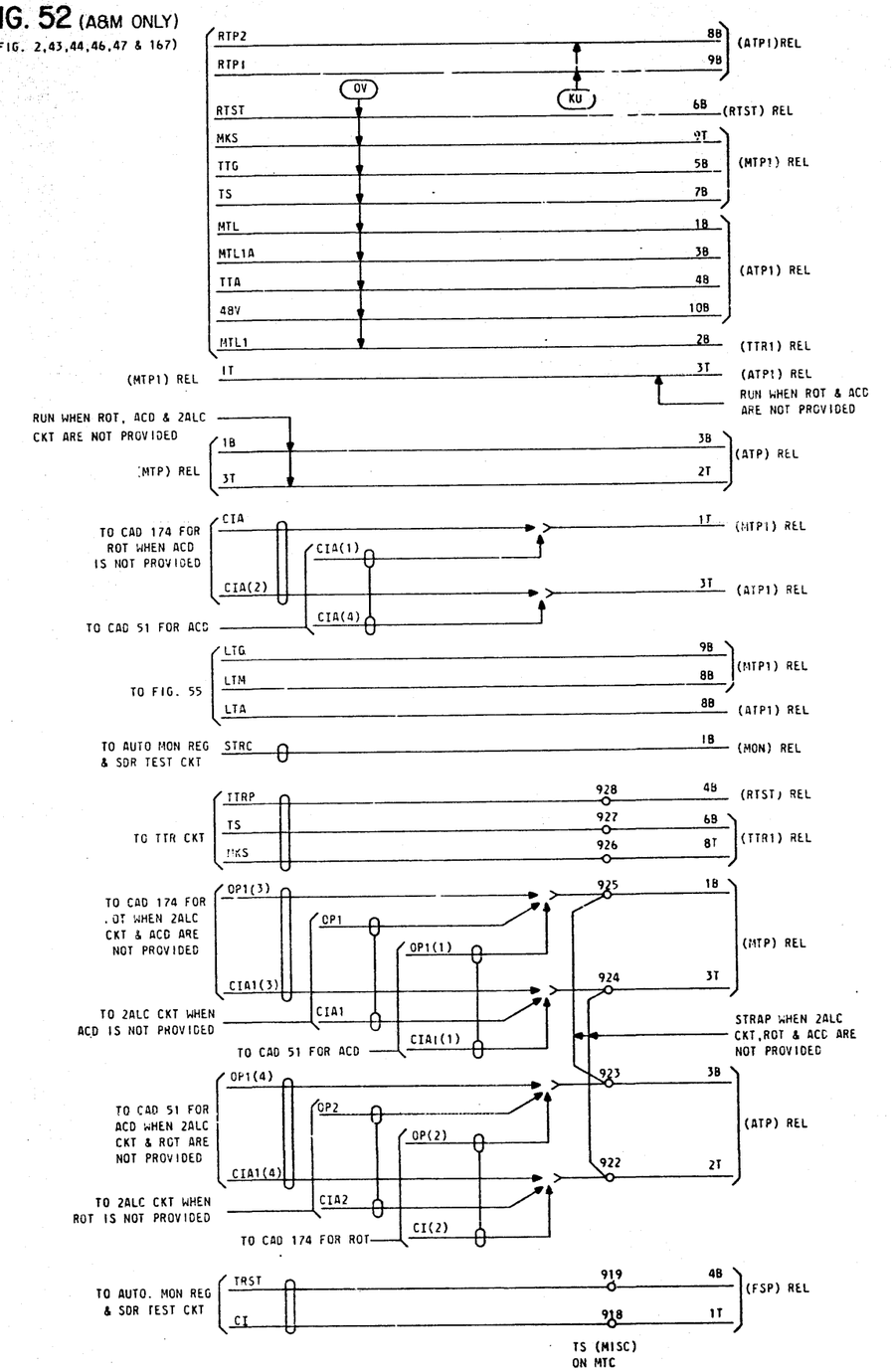
SD-25805-01-01B

FIG. 52 (A8M ONLY)

(FOR FIG. 2,43,44,46,47 & 167)



NOTES:
1. FOR LEGEND OF EQUIPMENT ARBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.



SD-25805-01-G2A

ISSUE 101A

*MASTER TEST FRAME CONNECTOR CKT

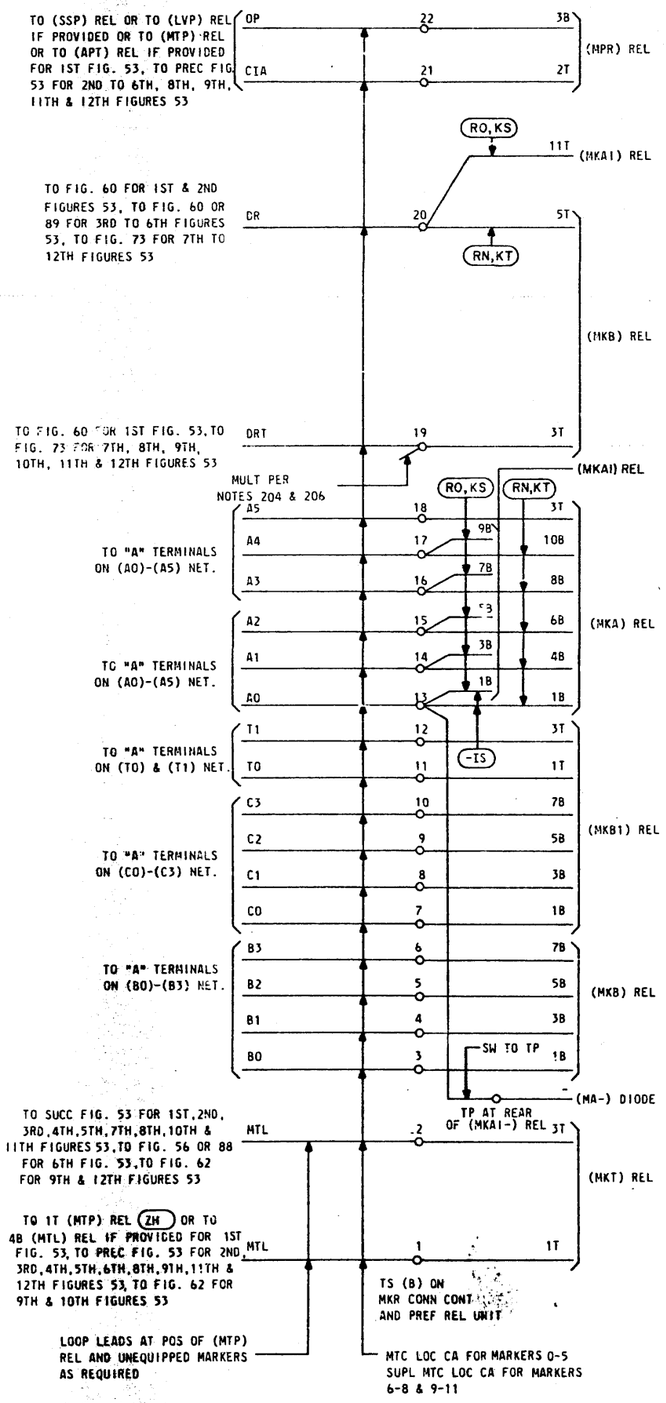
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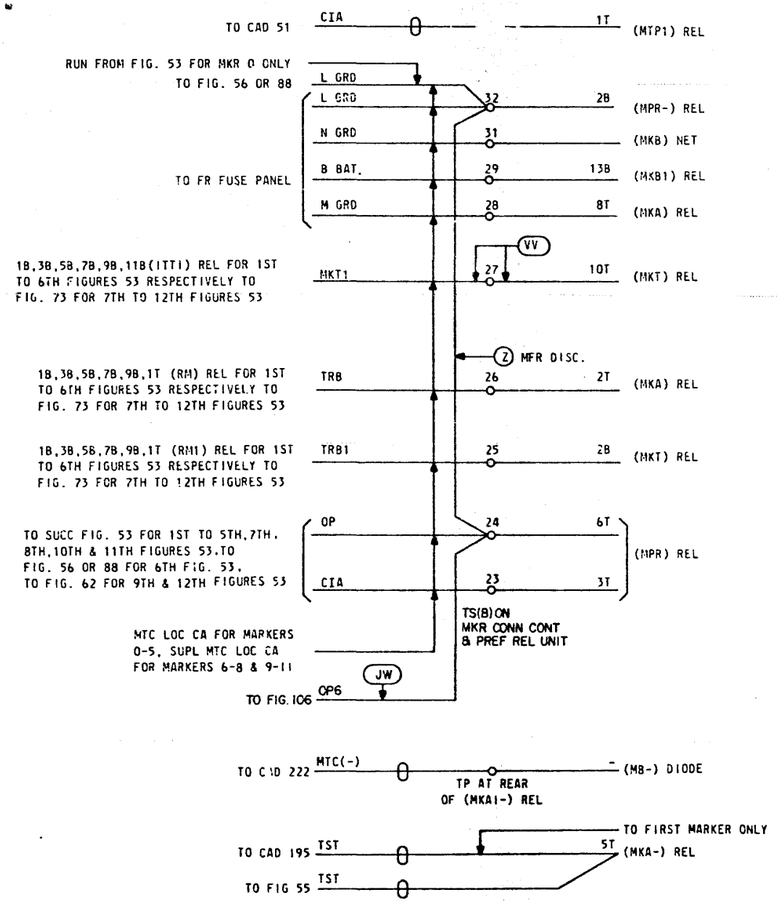
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FIG. 53 (A&M ONLY)

(FOR FIG. 3,4,5 & 6)
(FOR COMB. OR COMPL MARKERS)



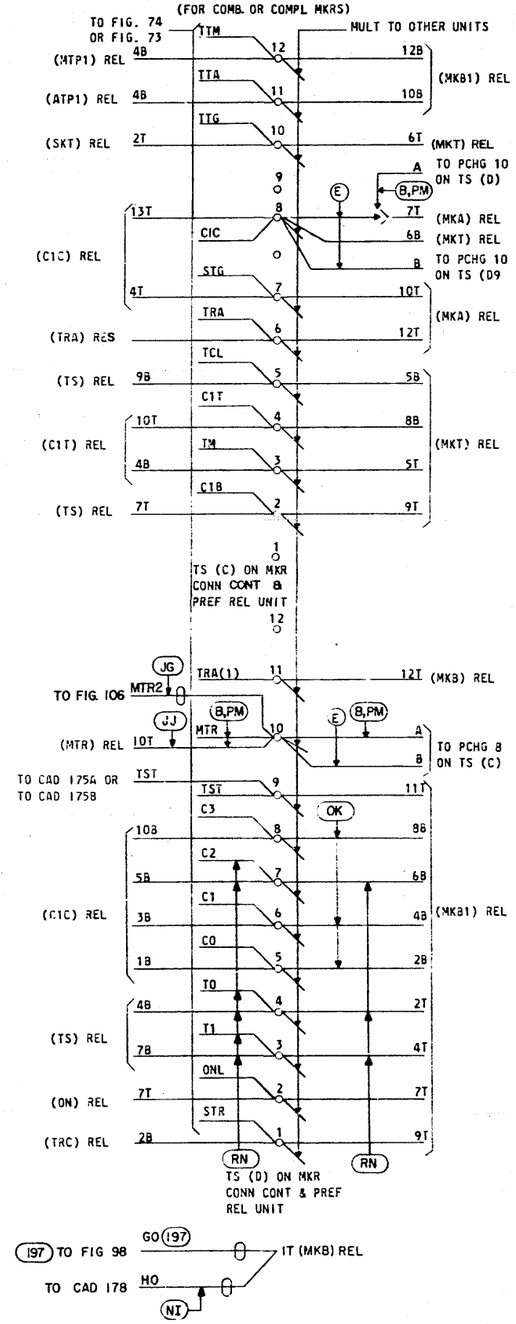


SD-25805-01-62B

ISSUE 99A	
MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-62B
BELL TELEPHONE LABORATORIES INCORPORATED	FSC 6S

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)

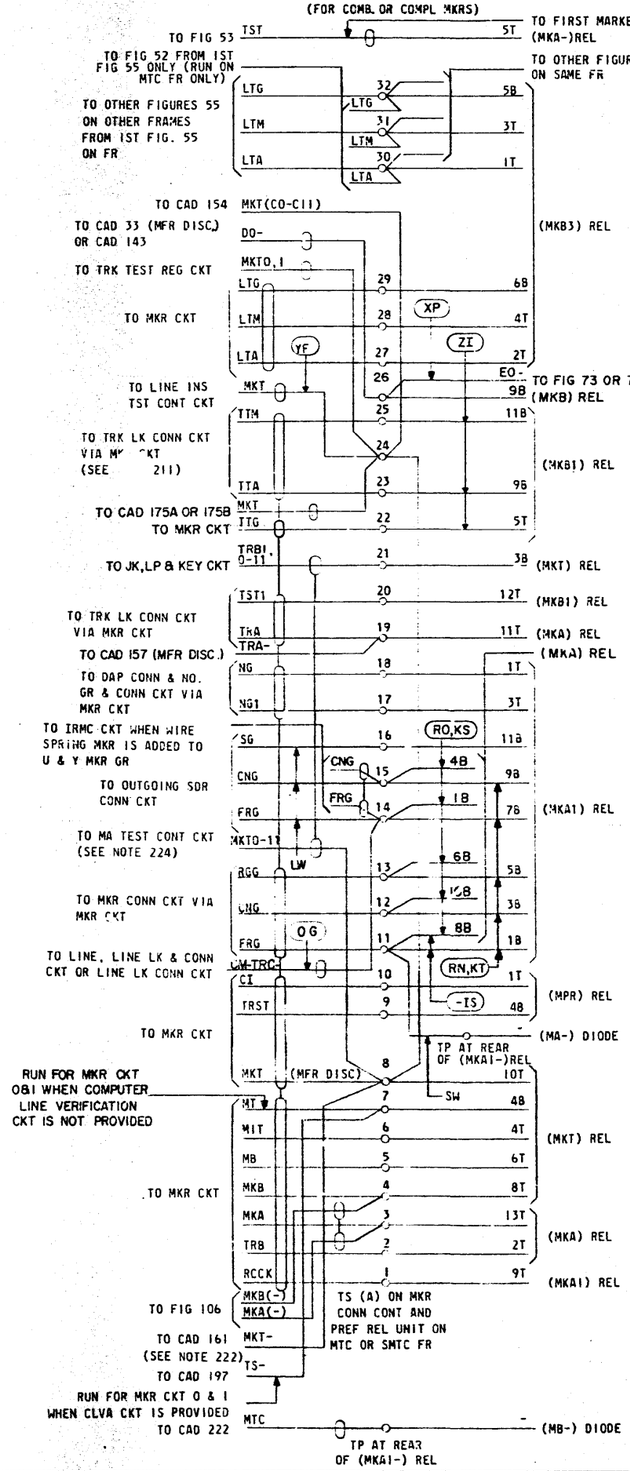


FIG. 56 (MFR DISC.)

(FOR FIG. 2,4,5 & 31)
REPLACED BY FIG. 88 (SEE NOTE 207)

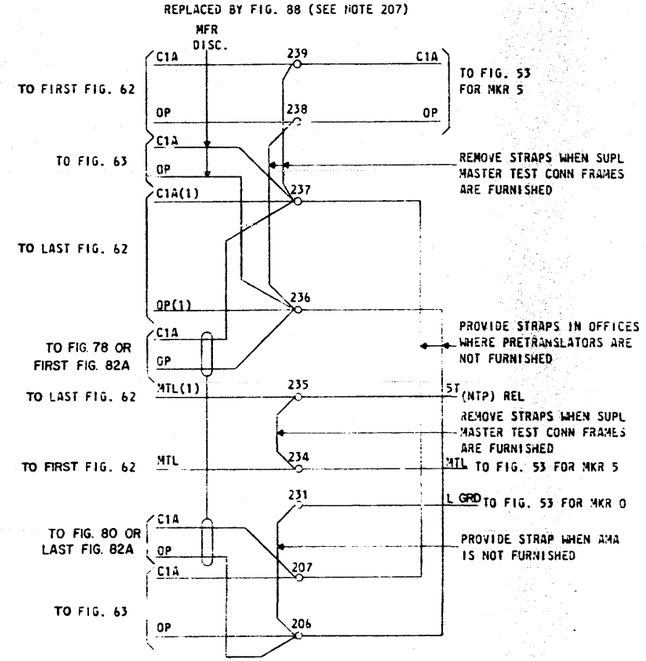
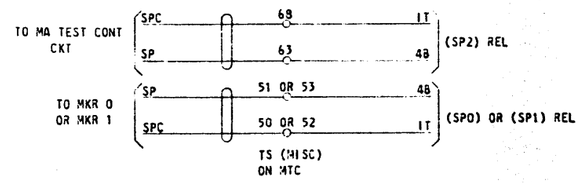


FIG 57 (A&M ONLY)

(FOR FIG. 7)



DRAWING ISSUE		
43D	CDF	CLA AHH
53AF	RLP	LM ARE
35D	RLP	LA AHH
58A	LEA	ALF AHH
62D	JK	
63A	JK	
700		
715		
726		
730		
754		
758		

ISSUE 100B

© MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G3

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SD-25805-01-G3

STABILO

FIG 58 (A & M ONLY)

(FOR FIG. 8)

(FOR COMBINED OR COMPLETING MKR)
SEE NOTE 212

RUN FOR TABLE I ONLY

TO FIG. 98

RCY

TO MKR COM EQPT FR OR TO DIAL TONE MKR

RCY

SG

TO CAD 112

59
37
36
(A0) REL
35
0

TO MKR COM EQPT FR

59
38
37
(A2) REL
0

59
(A3) REL
0

TO MKR TRNSL & RR FR ("U" REL TYPE MKR) OR TO MKR TRNSL & CO TREAT. FR ("WS" REL TYPE MKR)

59
46
45
(A4) REL
44
30
29
T9
20
TO
19
HN9
10
HNO
09
00

59
(A5) REL
0

TO CAD 222

TO CAD 3[illegible] 02

TO MKR COM EQPT FR

59
(B0) REL
0

P GRD

TO FR FUSE PANEL

59
(B1) REL
1
0

FR LC

TO MKR TRNSL & RRFR ("U" REL TYPE MKR) OR TO MKR TRNSL & CO TREAT. FR ("WS" REL TYPE MKR)

59
(B2) REL
0

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
(B3) REL
29
25
24
20
19
15
14
10
9
5
4
0

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)

TO MKR COM EQPT FR ("WS" REL TYPE MKR ONLY) OR TO MKR 101 PBX DID UNIT (U TYPE MKR ONLY)

SG

TO CAD 112

59
58
57
56
55
54
53
52
51
50
49
45
44
40
39
35
34
30
(B5) REL
29
25
24
20
19
15
14
10
9
5
4
0

TO MKR COM EQPT FR ("WS" REL TYPE MKR ONLY)

SEE TABLE 2B SH-D12 FOR LEAD DESIG

59
(C0) REL
0

59
(C1) REL
0

TO MKR COM EQPT FR

59
(C2) REL
0

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
(C3) REL
0

TO MKR COM EQPT FR ("WS" REL TYPE MKR) OR TO MKR CAMA FR ("U" REL TYPE MKR)

TO MKR COM EQPT FR

SRT

TO OSC

LW

TO CAD 197

MC-

59
58
57
56
55
54
50
49
45
49
40
39
35
34
32
31
TBT
30
(T0) REL
29
S9
25
S5
24
S4
20
S0
19
15
14
10
9
5
4
0

TO MKR TRNSL & RR FR ("U" REL TYPE MKR) OR TO MKR TRNSL & CD TREAT. FR ("WS" REL TYPE MKR)

59
39
38
MT5
37
28
27
RTK-
26
(T1) REL
22
21
RTI-
20
RTO-
9
00

TO MKR COM EQPT FR

SEE TABLE 51A, SH-D24 FOR LEAD DESIG

TO CAD 157 (MFR DISC)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE

43D	GAA GLL AHG
55D	FLJ LM AN
62D	JK
68D	
69A	
70D	

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G4

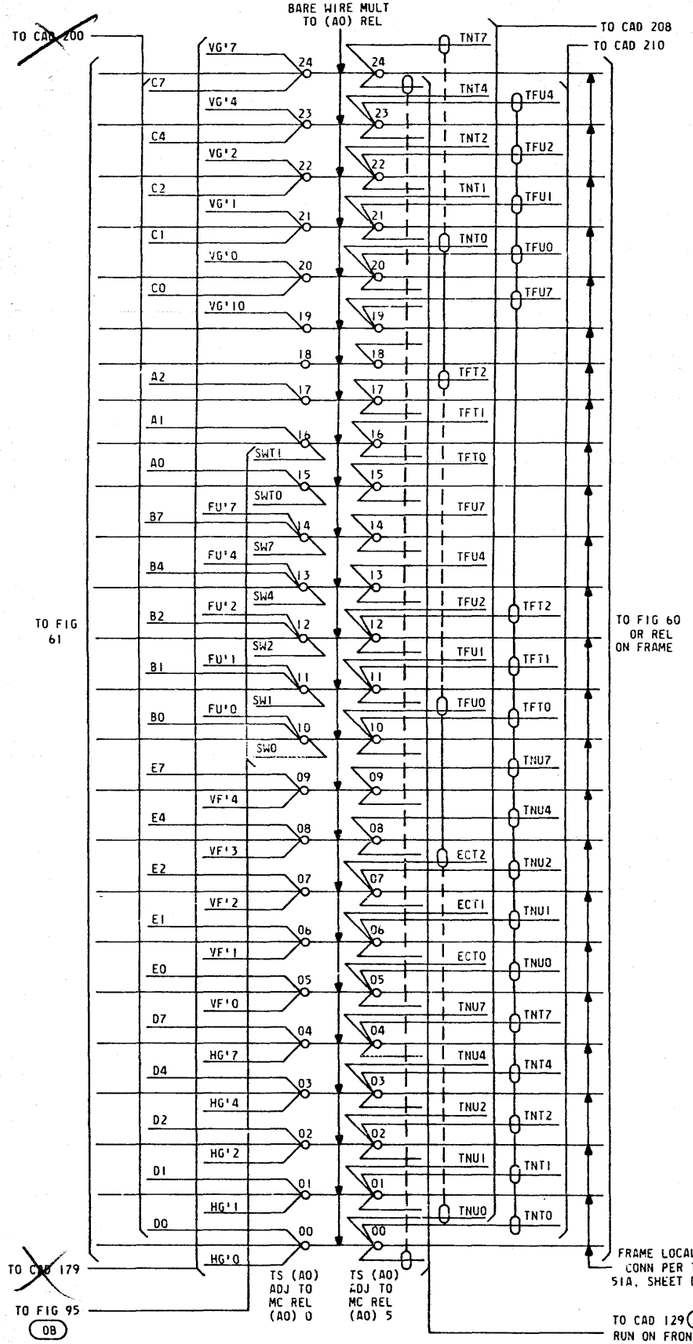
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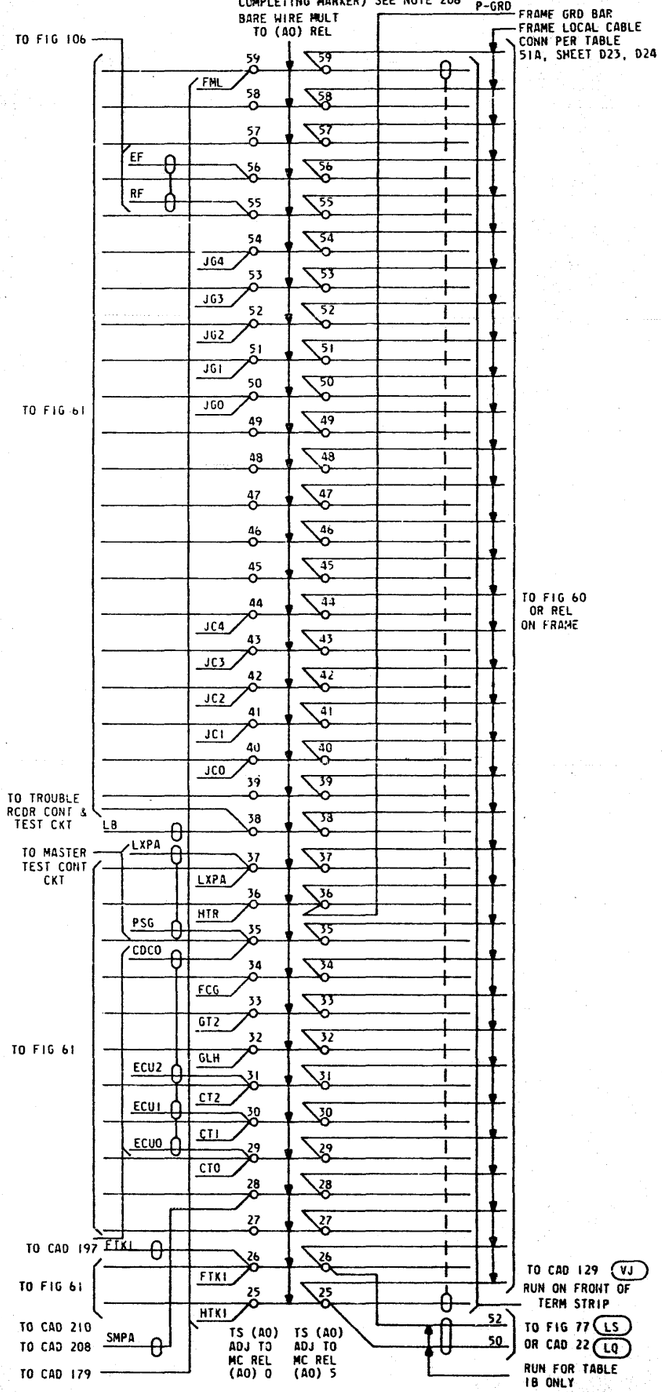
SD-25805-01-G4

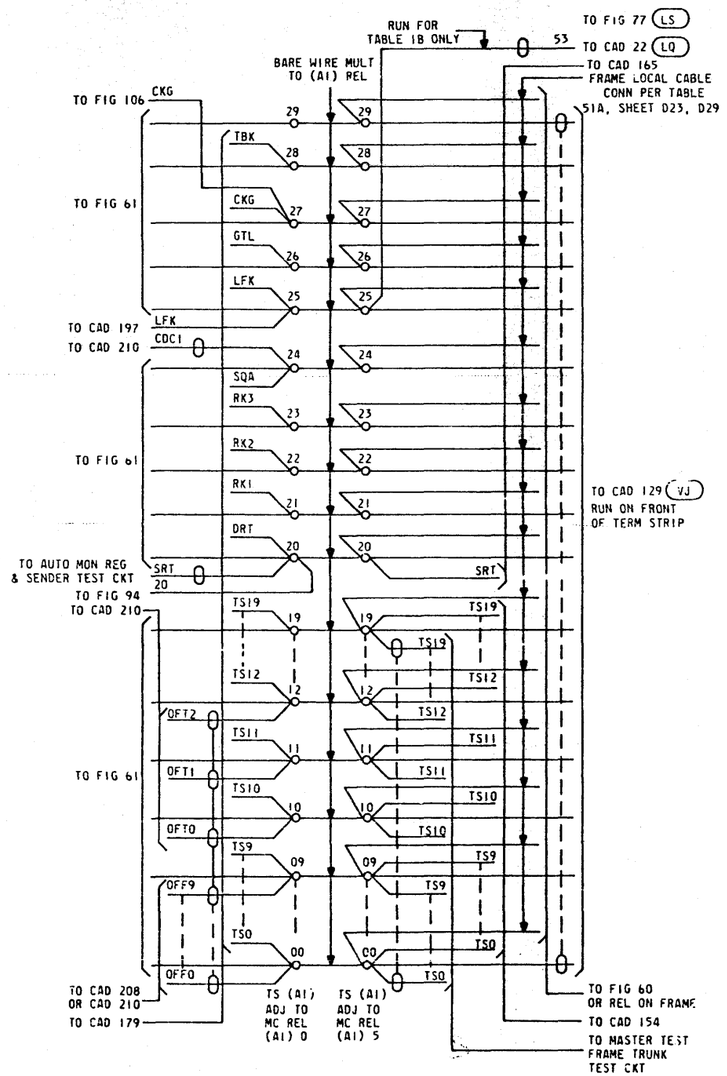
STABILOK

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





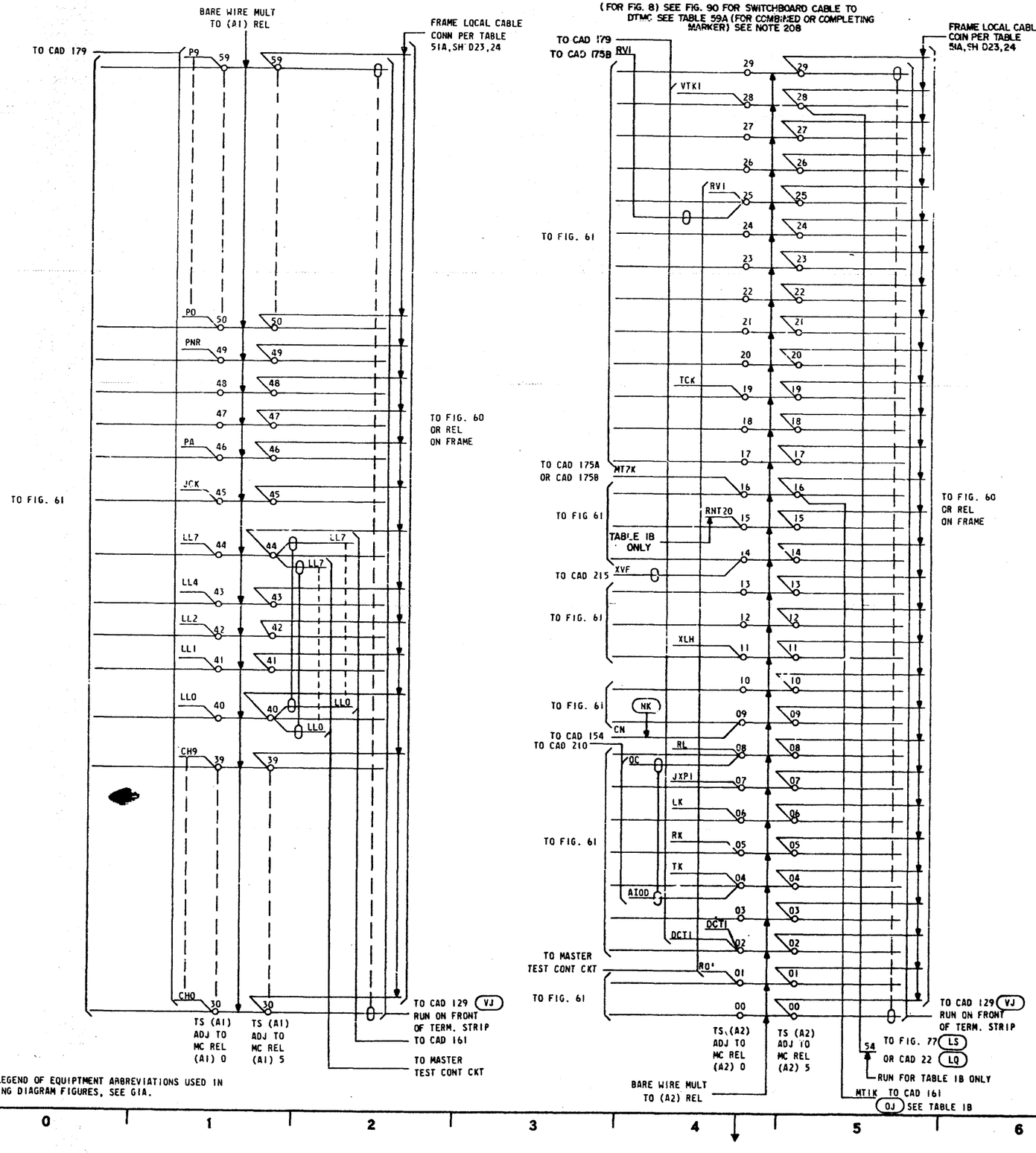


MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		G5A

SD-25805-01-G5A

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 EQUIPTMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT	(2)	SD-25805-01-G5B
BELL TELEPHONE LABORATORIES INCORPORATED		SHEET 6S

ISSUE 98B

SD-25805-01-G5B

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
GC
TO CAD 215
FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24
XVGA
XJS
XHG
XLG
XLC
XLR
XJG
XJC
XVGB
TBL
TO CAD 210
XTS
XCS
XCL
XI
TO FIG. 61
TO FIG. 60 OR REL ON FRAME
TGR
TO CAD 215
TO CAD 179
TS (A3) ADJ TO MC REL (A3) 0
TS (A3) ADJ TO MC REL (A3) 5
TO CAD 129 (VJ) RUN ON FRONT OF TERM. STRIP
BY
TO CAD 161

TO CAD 208
TO CAD 181
TO CAD 215
TM2
TB7
TB6
TO FIG. 61
FU2
FU1
VG5
VG4
08 TO FIG. 95
RH
TO FIG 61
TO CAD 210
TK
TRL
XSS
XLO
XSL
XRL
XTCI
XTC
XMRL
XTRL
XBT
XTRK
XTGI
XTSI
TO FIG. 61
TO CAD 215
TNK
TO FIG 61
XCH
TO MASTER TEST CONT CKT
XLS
XLS
XTBI
XLV
TO CAD 179
TS (A3) ADJ TO MC REL (A3) 0
TS (A3) ADJ TO MC REL (A3) 5
BARE WIRE MULT TO (A3) REL
LIN TO CAD 197
CIK
NTB
TO FIG. 60 OR REL ON FRAME
SXT
TRLA
FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24
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

TO CAD 1758
TBU9
TBU0
TBT9
TBT0
TO CAD 197
BARE WIRE MULT TO (A4) REL
FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24
TO FIG.61
TO FIG. 60 OR REL ON FRAME
TO CAD 179
ITR
IFK
TO MASTER TEST CONT CKT
TS (A4) ADJ TO MC REL (A4) 0
TS (A4) ADJ TO MC REL (A4) 5
TOG TO CAD 197
TO CAD 129 (VJ) RUN ON FRONT OF TERM. STRIP

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

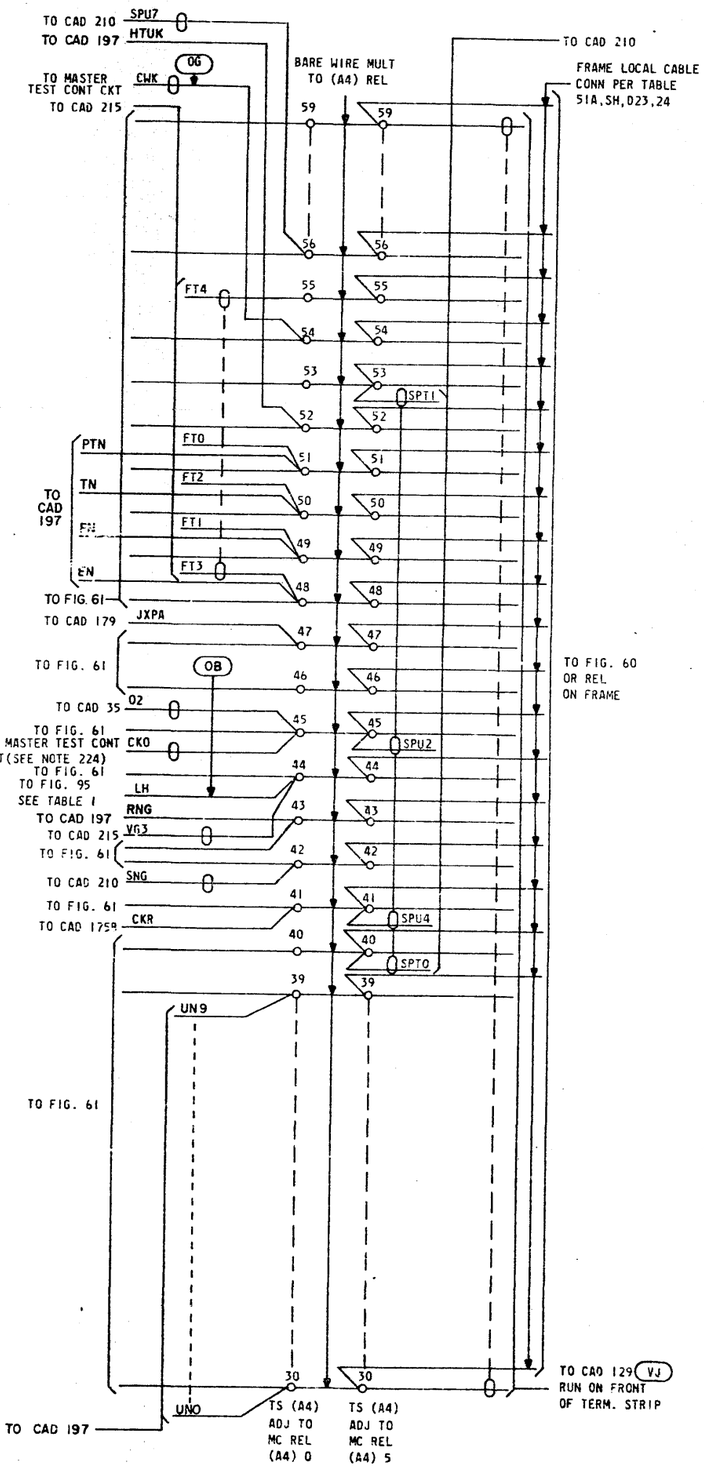
MASTER TEST FRAME CONNECTOR CKT ② SD-25805-01-G5C

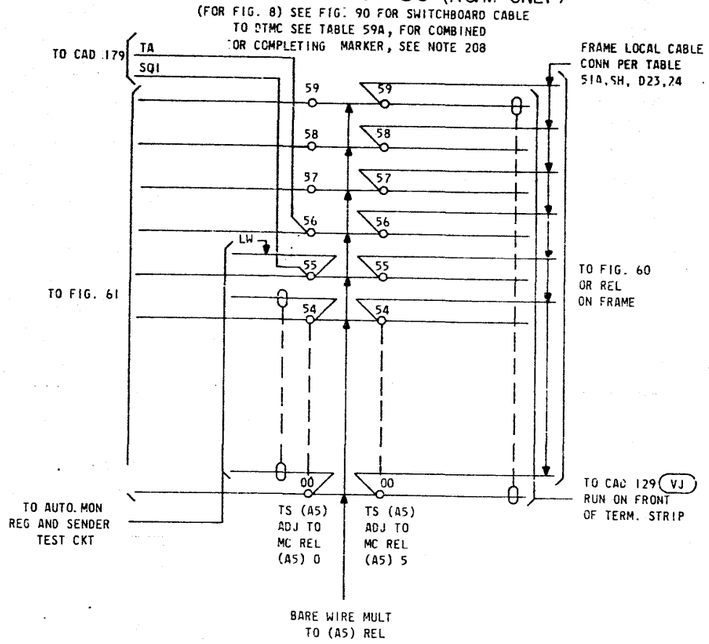
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SD-25805-01-G5C

PART OF FIG. 59 (A&M ONLY)

(FOR FIG. 8) SEE FIG. 90 FOR SWITCHBOARD CABLE
TO DTMC SEE TABLE 59A, FOR COMBINED
FOR COMPLETING MARKER, SEE NOTE 208





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 068

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G5D

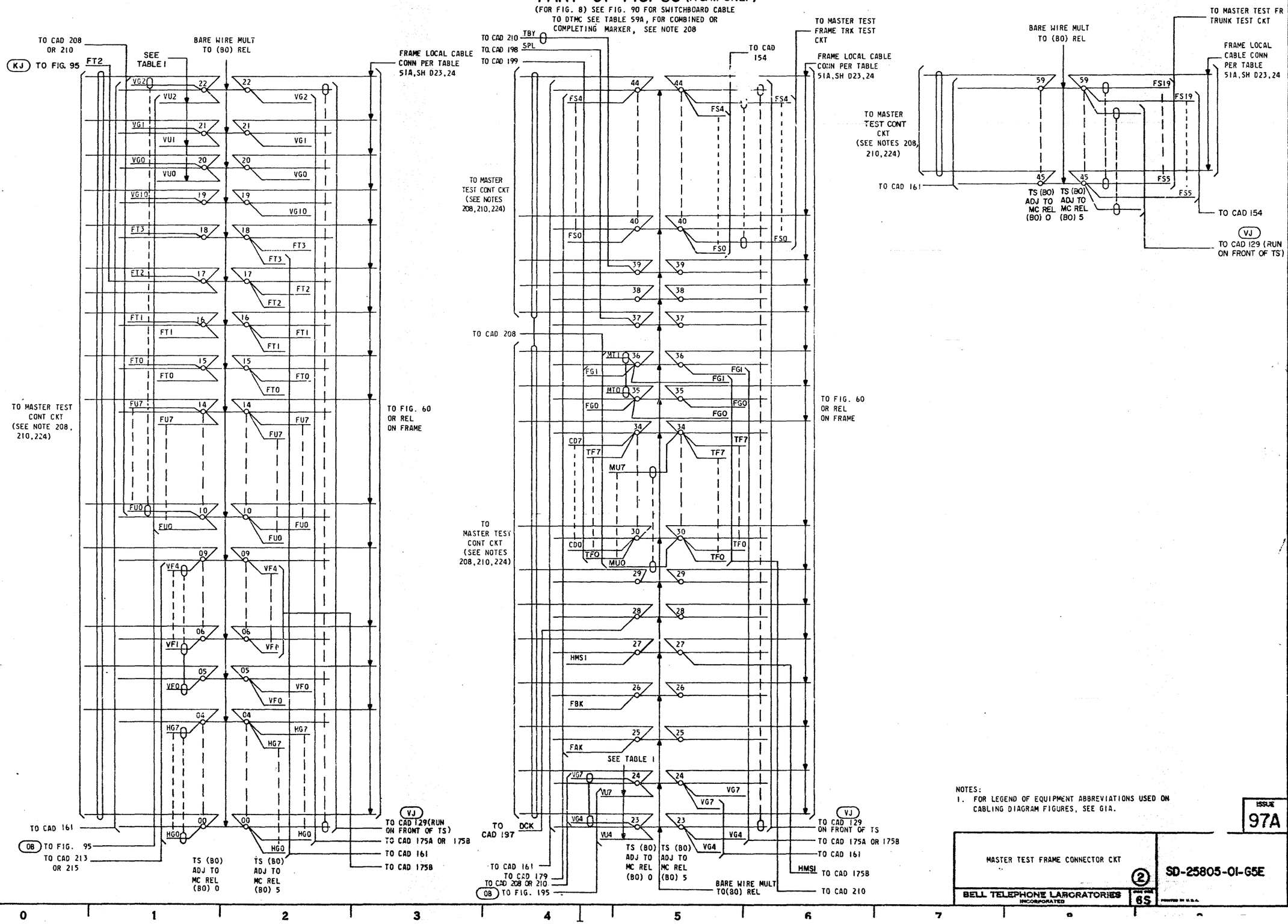
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SIZE 6S

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 G1A.

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G5E

BELL TELEPHONE LABORATORIES INCORPORATED

SHEET CODE 65

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 CAD 175B

FU4 OS4 FU3 OS3 FU2 OS2 FU1 OS1 FU0 OS0 VG4 VG0 OF FU4 FU3 VG5

20 19 18 17 16 15 14 12 10 09 08 07 05 04 03 02 01 00

CK1 RA4 RA3 OS3 RA2 OS2 RA1 OS1 RA0 OS0 CL5 CL5 CL3 CL1

TO FIG 60 OR REL ON FRAME

TO CAD 215

TO FIG 60 OR REL ON FRAME

TSA

TO FIG. 61

(VJ) TO CAD 129 RUN ON FRONT OF TERM. STRIP

AMA TO CAD 175A OR 175B

TO CAD 179

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

(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

TABLE I ONLY

(AIS2) DIODE

TO CAD 161
TO CAD 175A OR 175B

LT3 CRU7 CRU7 CRU0 CRU0 FT4 OSG4 FT0 OSG0 CK5 CK2

41 40 39 35 34 30 29 25 24 21

TO FIG. 60 OR REL ON FRAME

TO FIG. 61

TO CAD 213

(OB) TO FIG. 95

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

TO CAD 179

BARE WIRE MULT TO(BI) REL

TO CAD 210 LT2

FRAME LOCAL CABLE CONN PER TABLE 51A, SH D23,24

BARE WIRE MULT TO(BI) REL

TO CAD 161

INC ASK TRMF TOL TAN4 TAN1 TAN PCD1 PCD PCR THC PHC FAC CIK

59 58 57 56 55 54 51 50 49 48 47 46 45 44 43 42

TO FIG. 60 OR REL ON FRAME

TO FIG. 61

TO MASTER TEST CONT CKT (SEE NOTE 224) CONN LEADS 0-59 EXCEPT PER TABLE 59A, SH G6C

TO CAD 154

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 175B

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-G5F

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SD-25805-01-G5F

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 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 MASTER TEST CONT CKT (SEE NOTE 224) CONN LEAD 0-59 EXCEPT PER TABLE 59A, SH-G6C

TO CAD 129 (RUN ON FRONT OF TERM. STRIP) (VJ)

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

TO CAD 175A OR 175B

TO FIG. 60 OR TO REL ON FRAME

TO CAD 175A OR 175B

TO FIG. 60 OR TO REL ON FRAME

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

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)

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

TO FIG. 61

TO AMTF (SDR TST)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAMS FIGURES, SEE G1A.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G5G

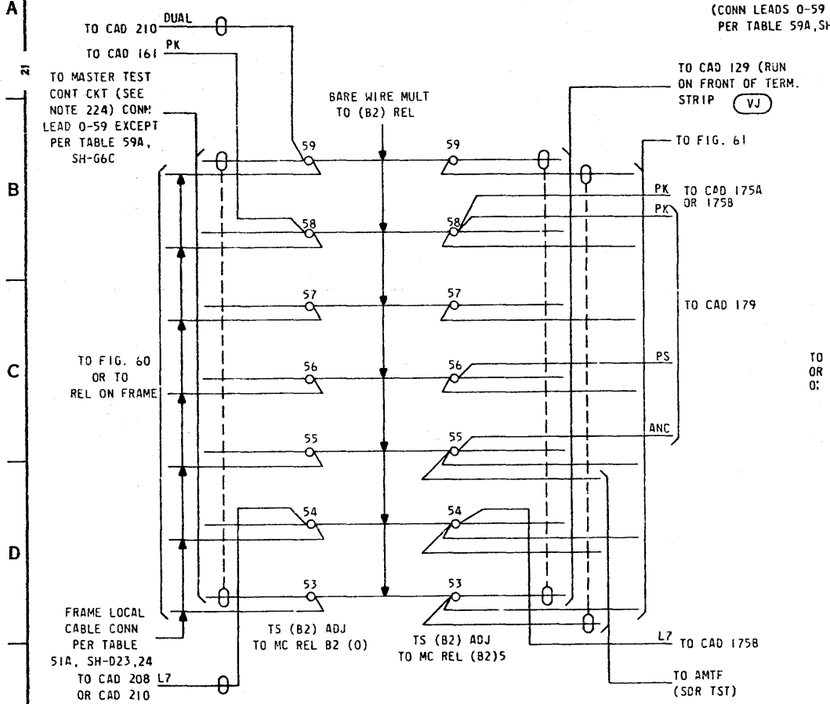
BELL TELEPHONE LABORATORIES INCORPORATED

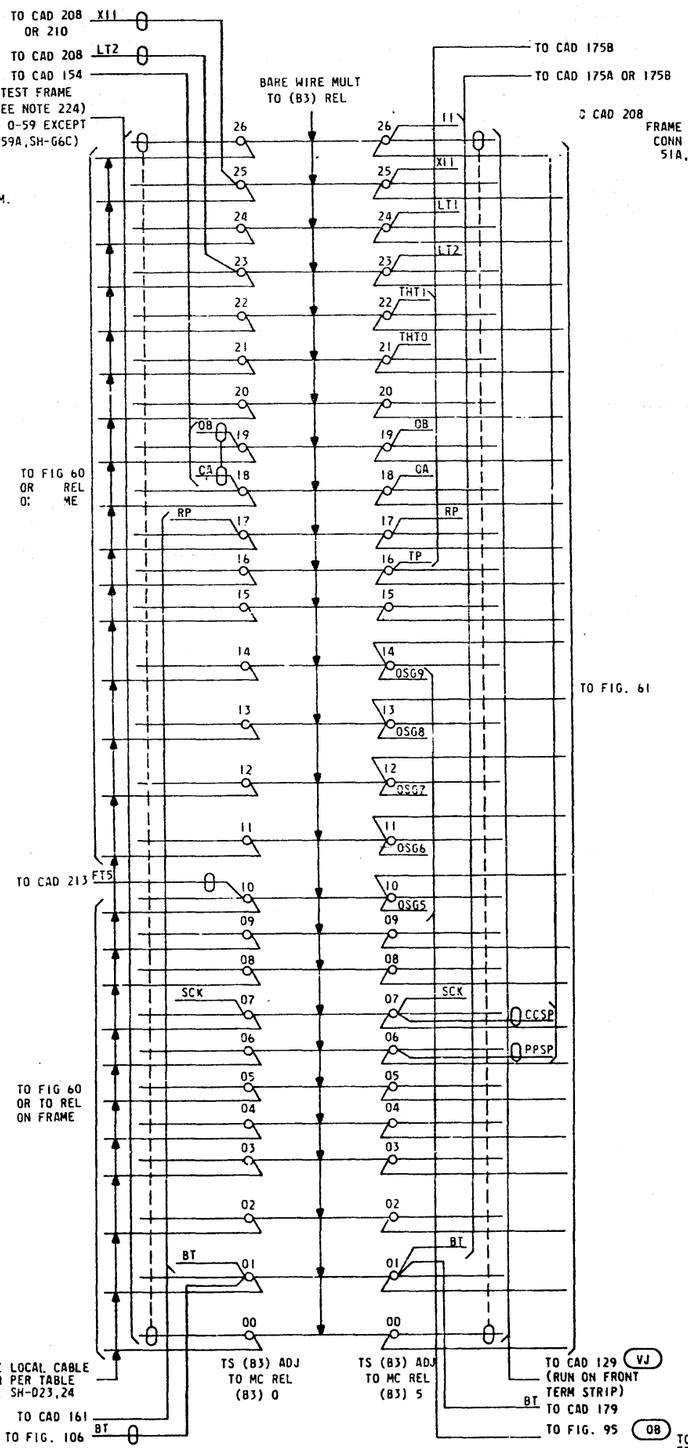
SYS CODE 6S

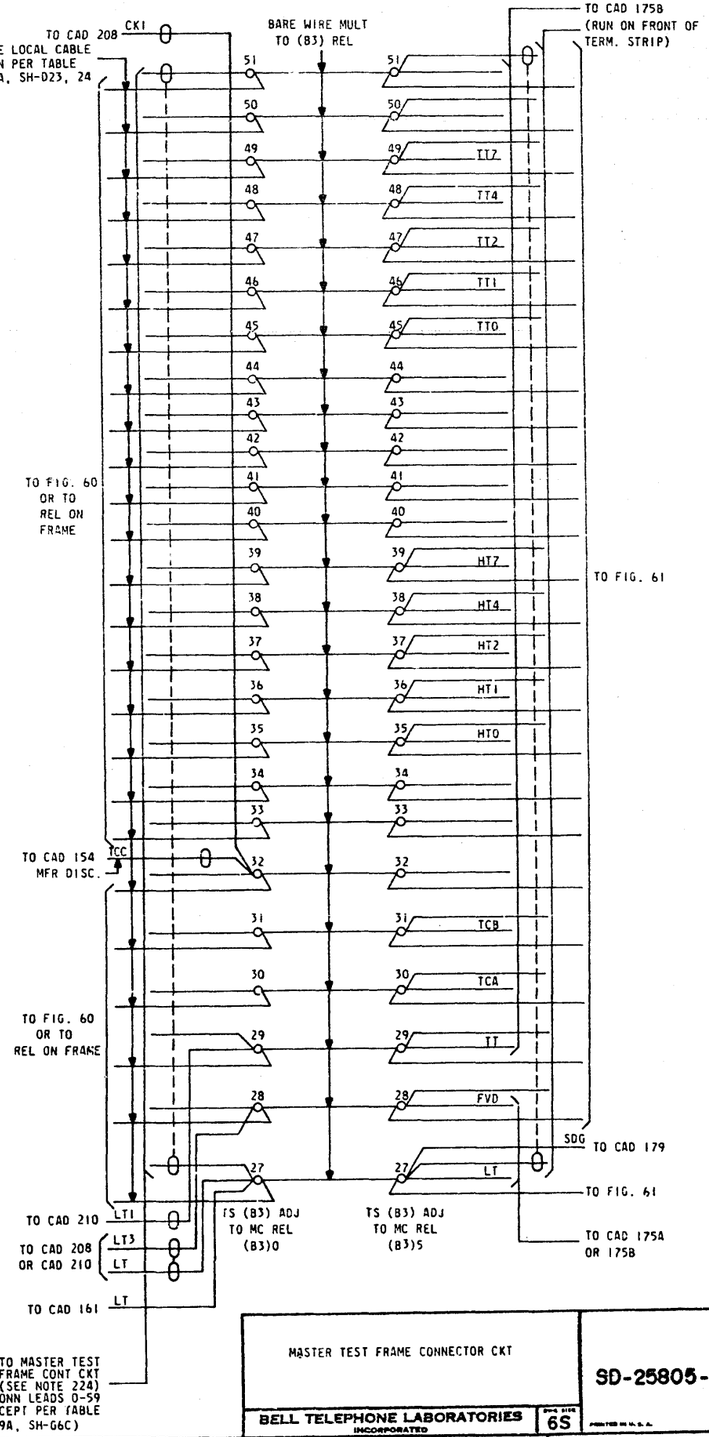
SD-25805-01-G5G

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:

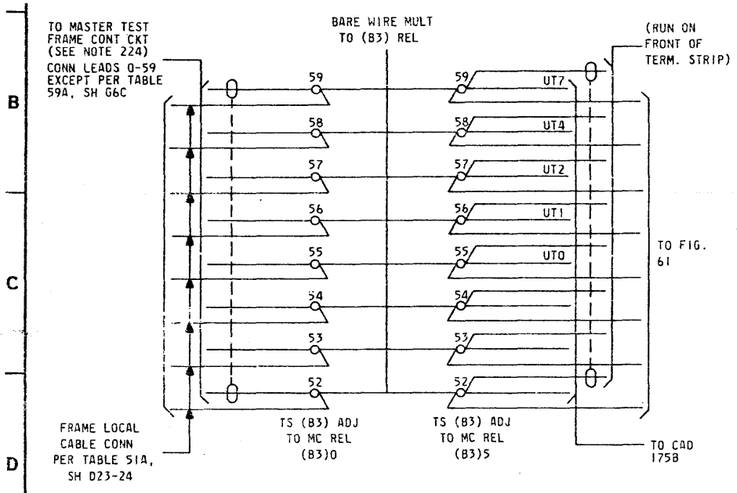
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAMS FIGURES, SEE G1A.

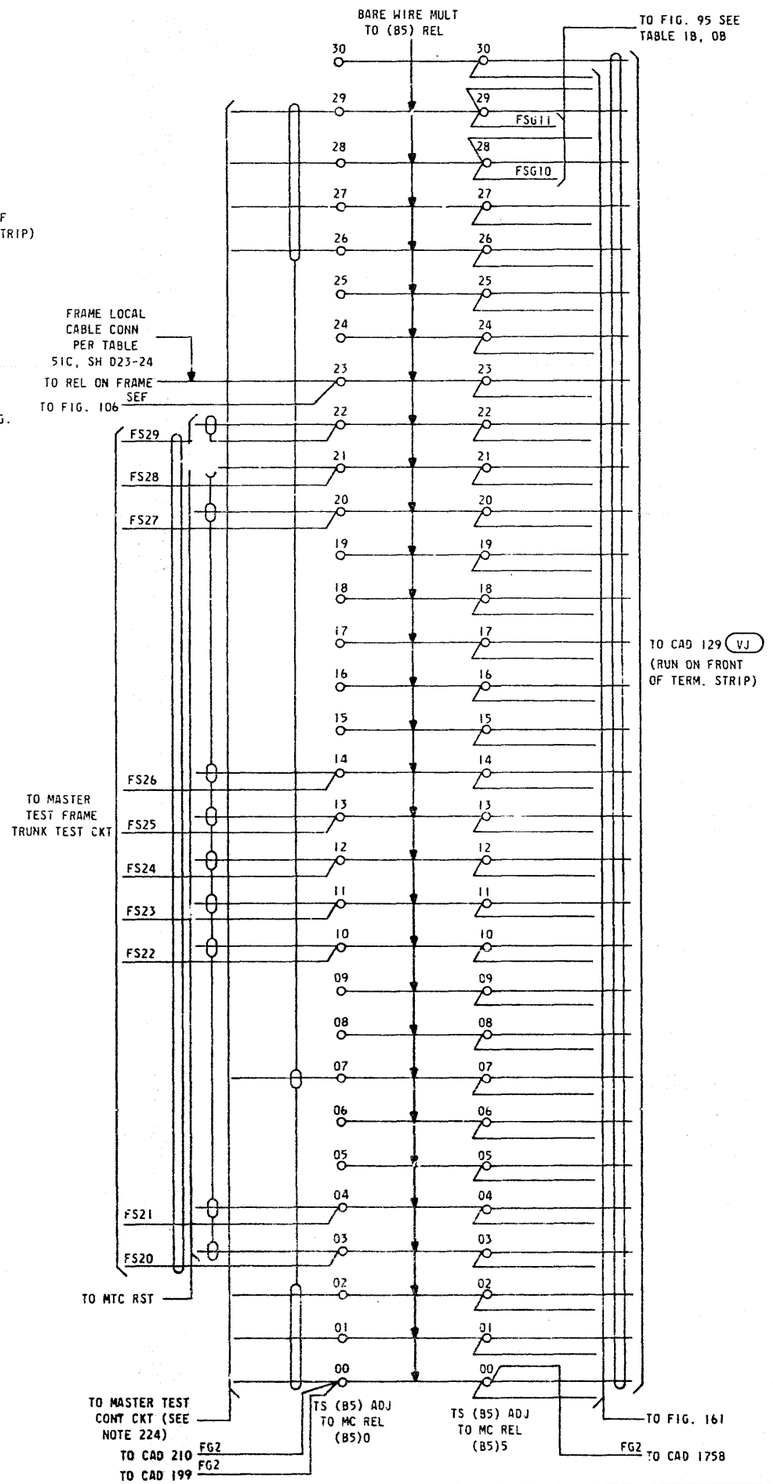
	101A
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G5H
BELL TELEPHONE LABORATORIES INCORPORATED	DWG SIZE 6S

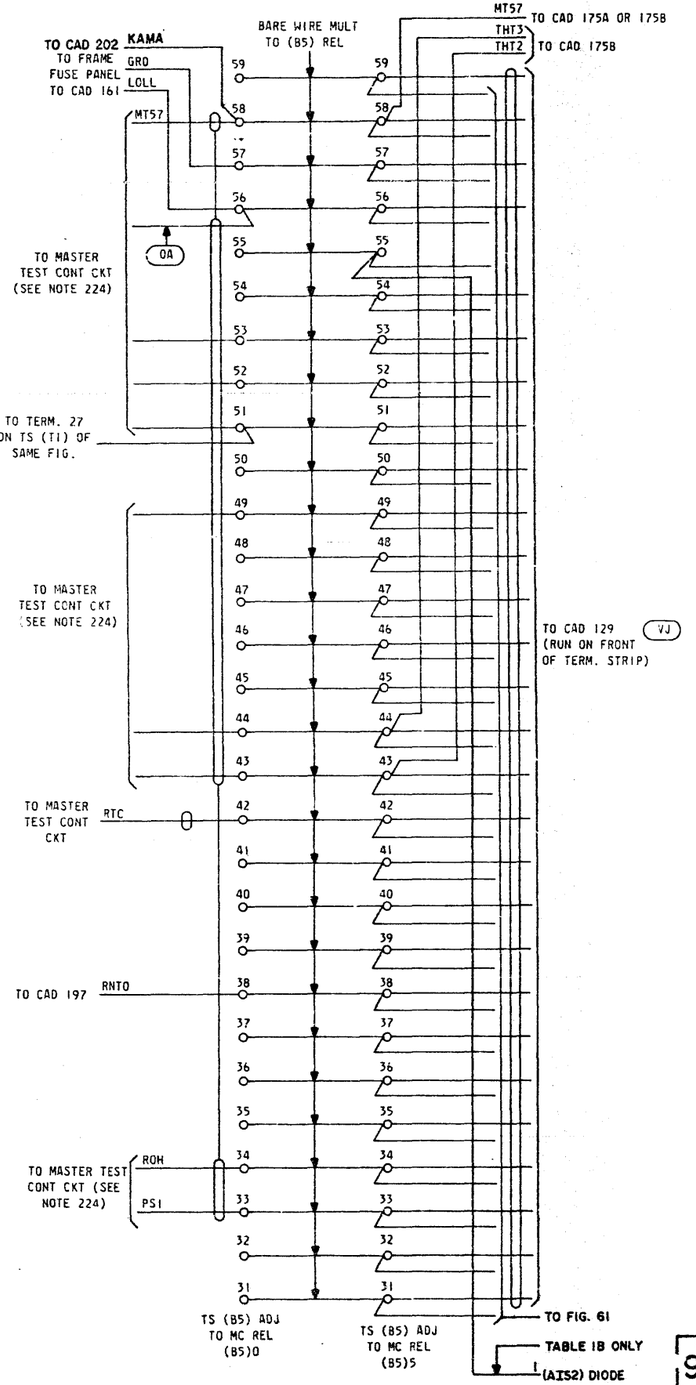
SD-25805-01-G5H

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)







ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G6A

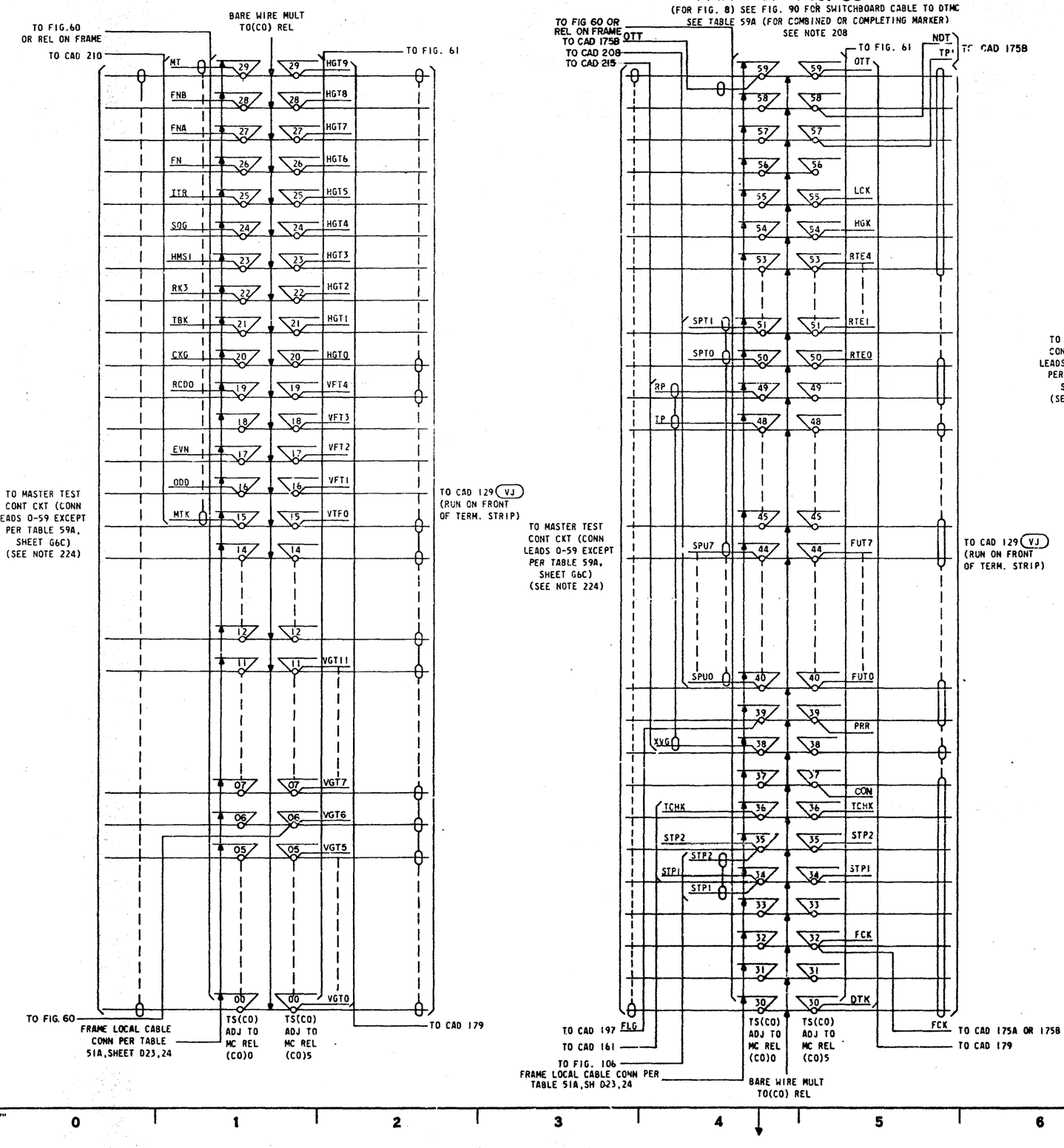
BELL TELEPHONE LABORATORIES INCORPORATED

SYS UNIT 6S

SD-25805-01-G6A

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 G1A.

ISSUE 98B

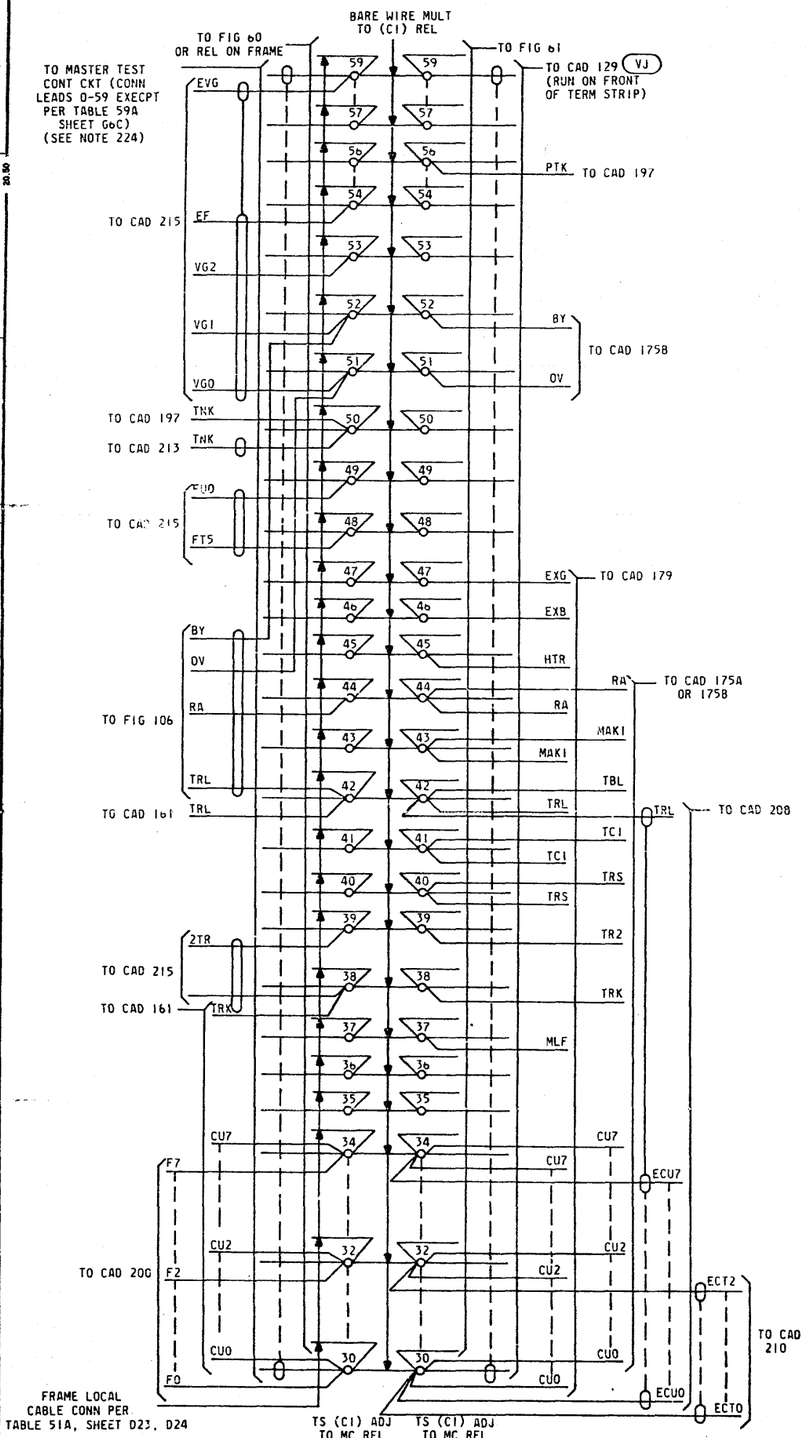
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G6B

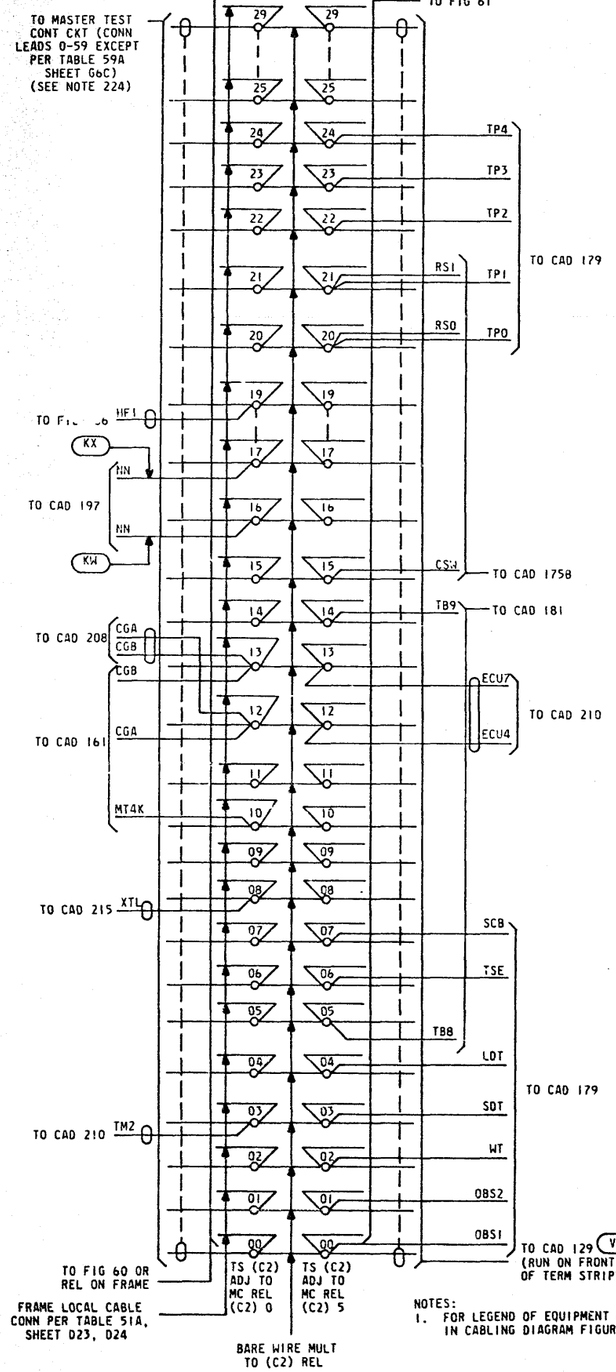
BELL TELEPHONE LABORATORIES INCORPORATED 6S

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)





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

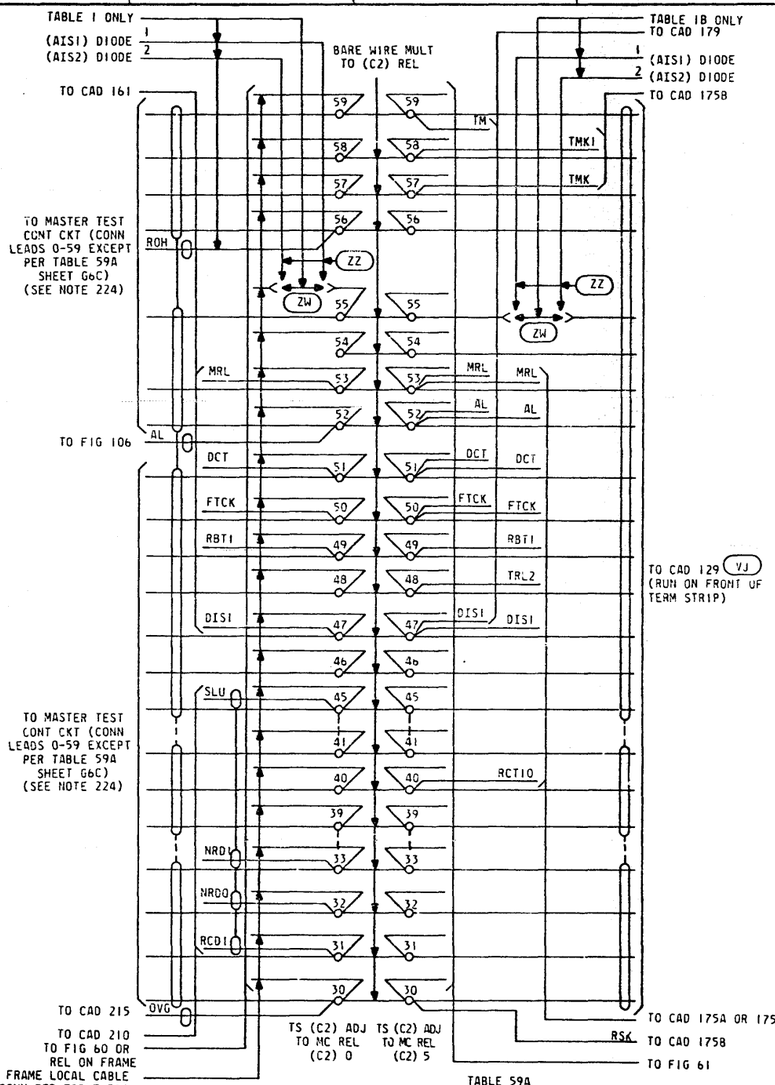


TABLE 59A
SWITCHBOARD CABLE LEADS IN FIG 29 FROM THE MTF CONTROL BAY SHALL NOT BE CONNECTED AT THE FOLLOWING TERMINALS AND SHALL BE SEWN BACK IN THE FORM AS SPARES.

TO DESIG	TERMINAL NO.
B0	38 & 39
B3	9
C0	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

MASTER TEST FRAME CONNECTOR CKT

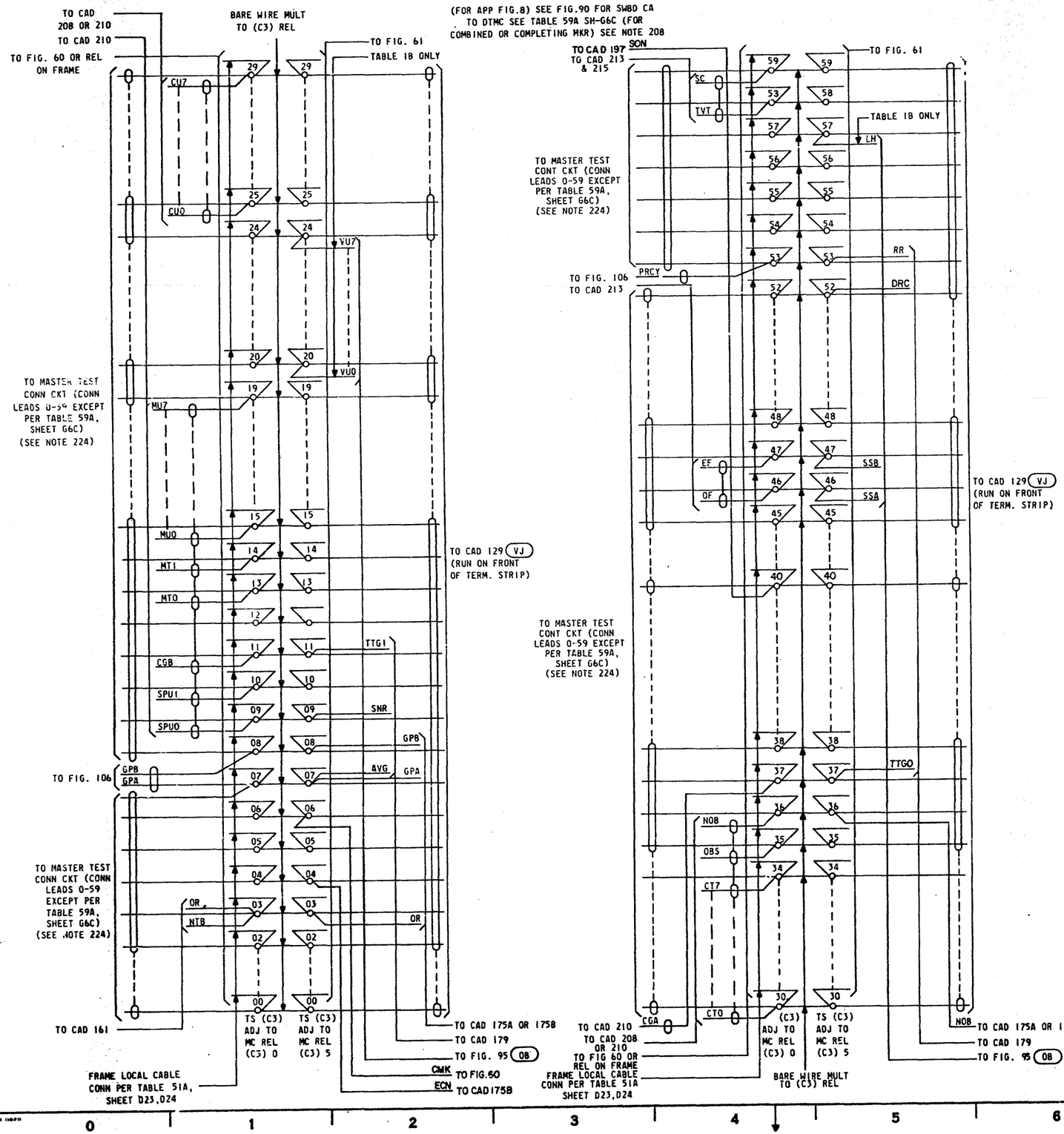
DWG SIZE	ISSUE
6S	97A

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SD-25805-01-G6C

E-7461 (6-70) PRINTED IN U.S.A.

PART OF FIG. 59 (A & M ONLY)



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

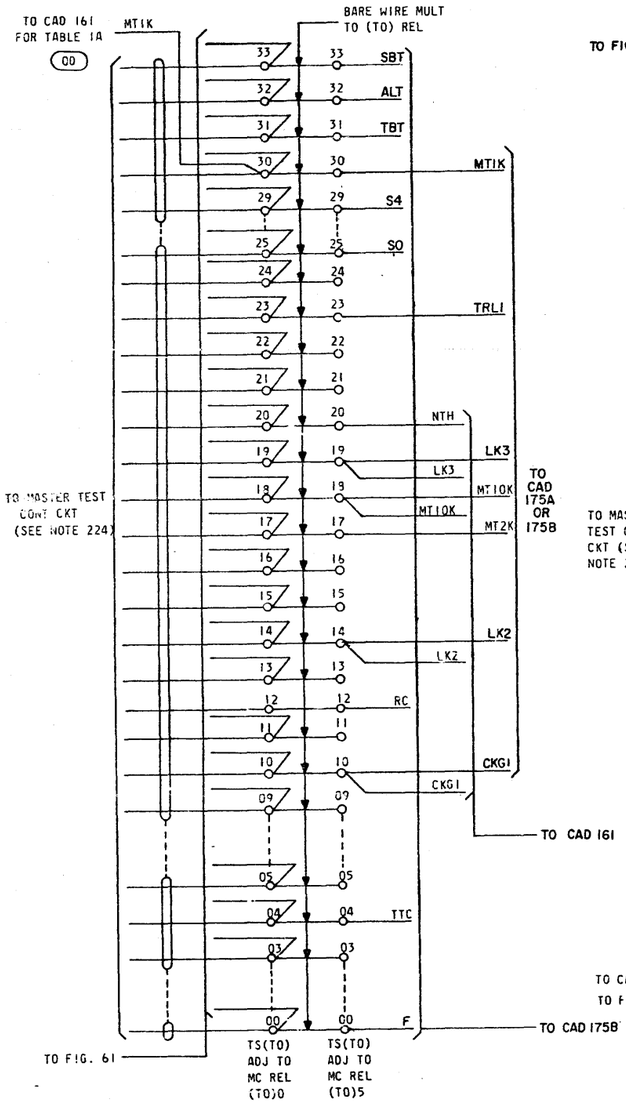
BELL TELEPHONE LABORATORIES INCORPORATED

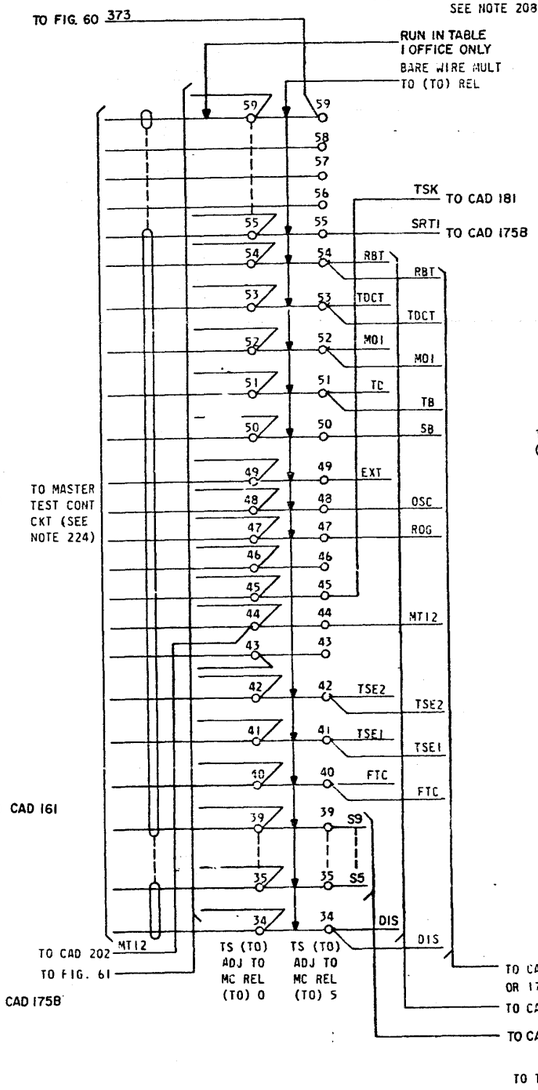
SYS SIZE 6S

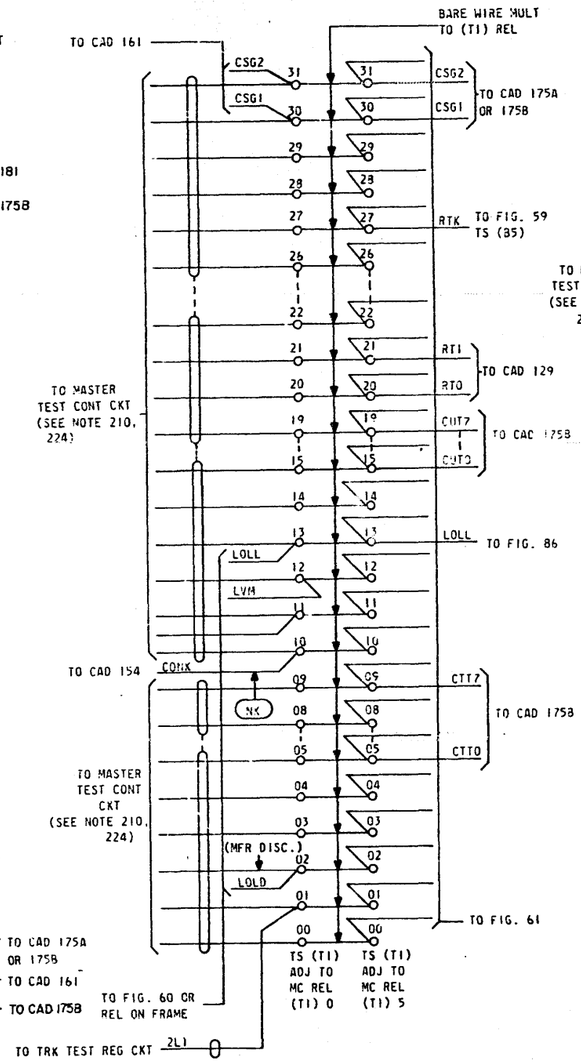
SD-25805-01-G6D

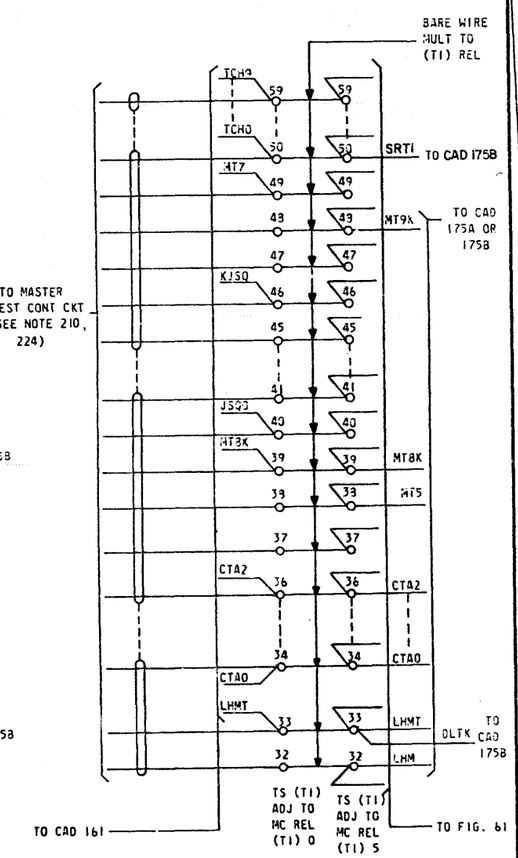
PART OF FIG. 59 (A&M ONLY)

(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.

DRAWING ISSUE

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G6E

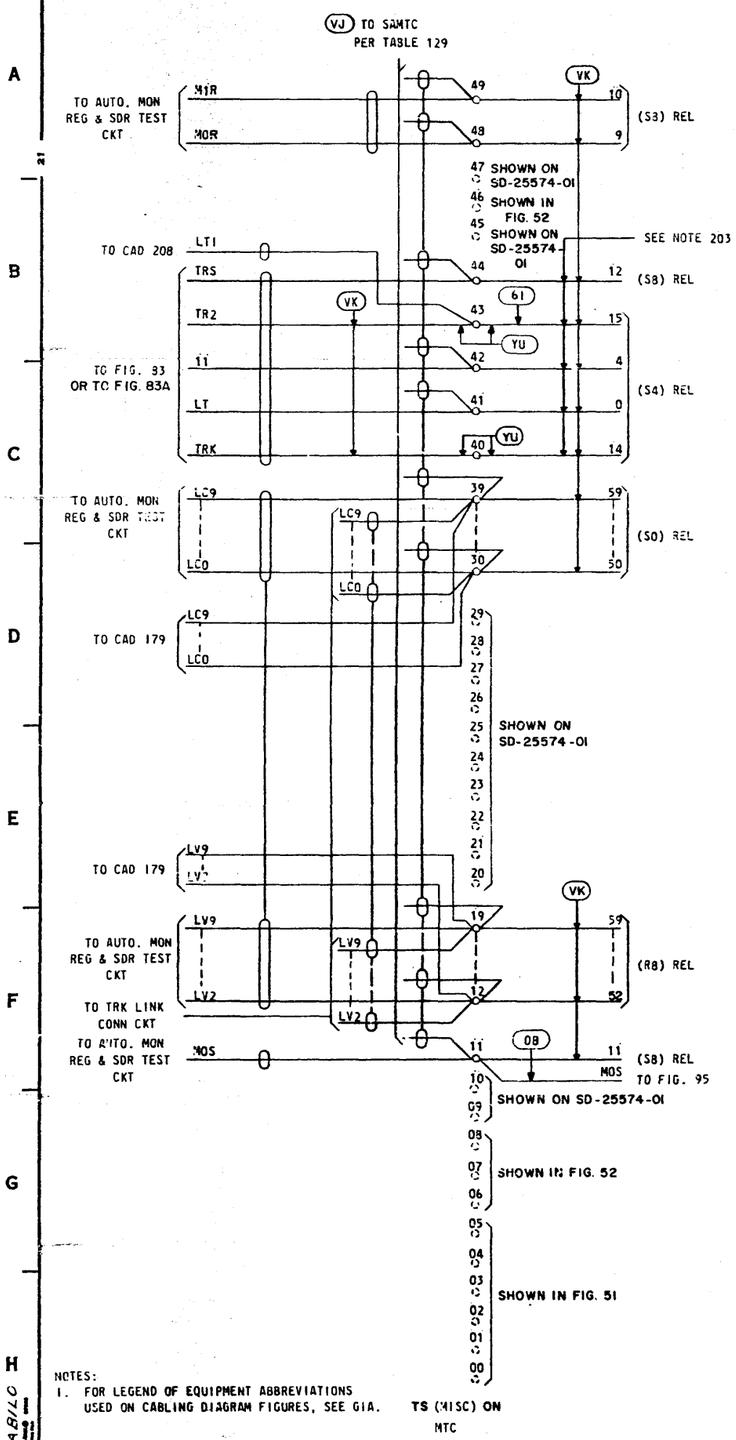
BELL TELEPHONE LABORATORIES INCORPORATED

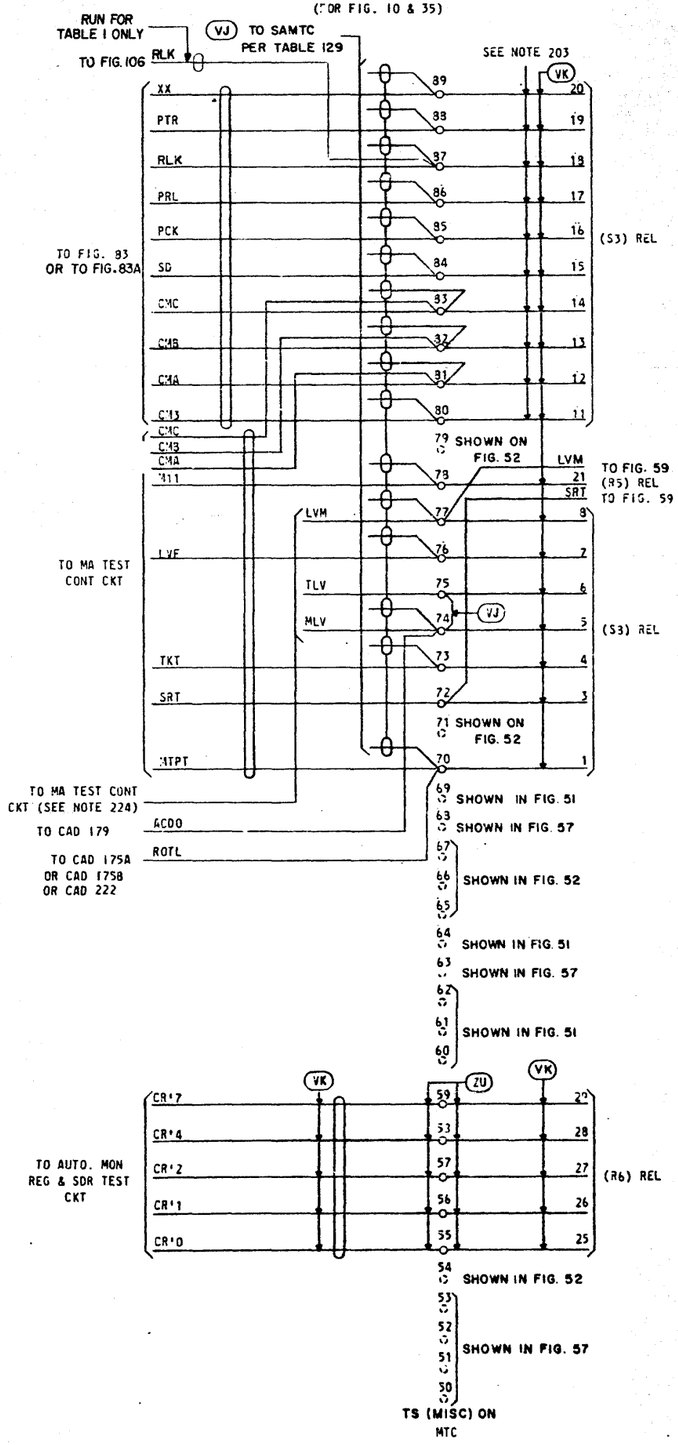
6S

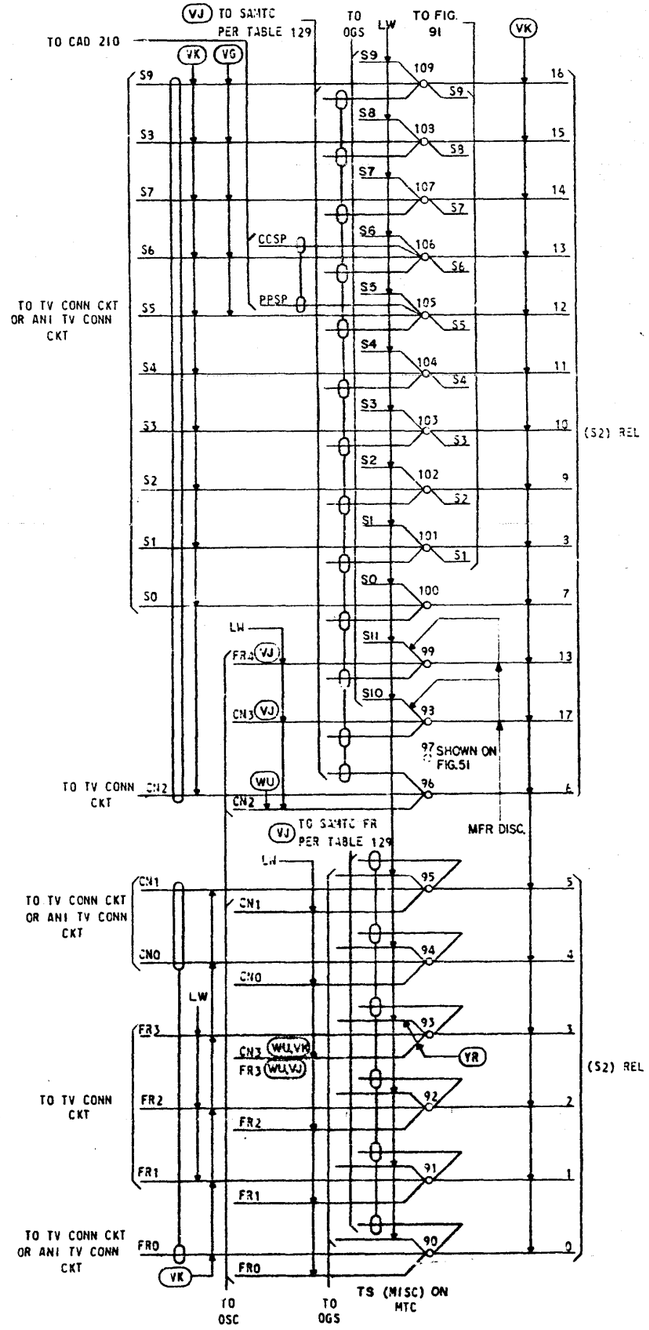
SD-25805-01-G6E

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.

DRAWING ISSUE
43D DB CLK AMP LEA AMP
59D
68D
70D

ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G7

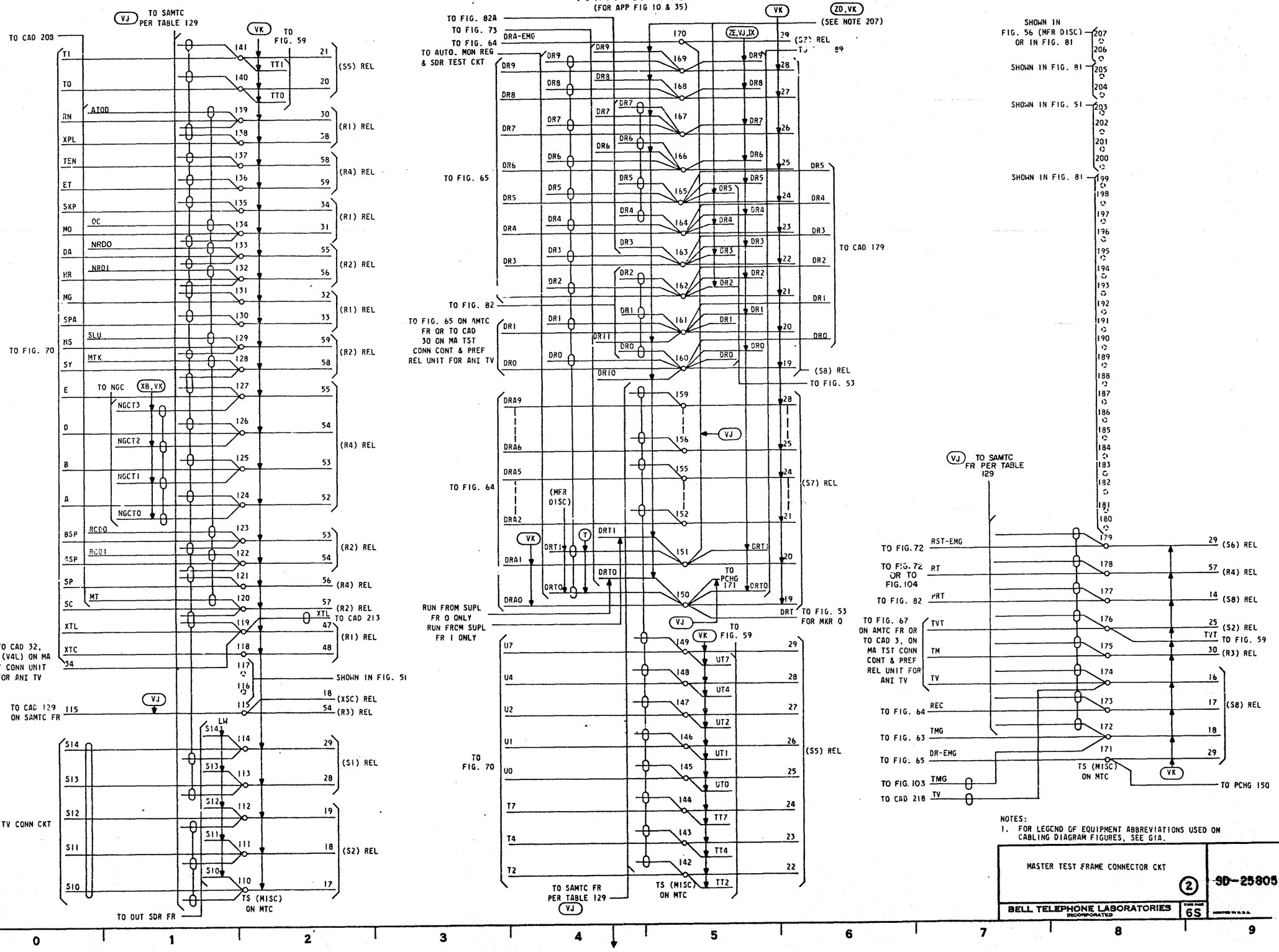
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G7

STABILO

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 (2)

SD-25805-01-G8

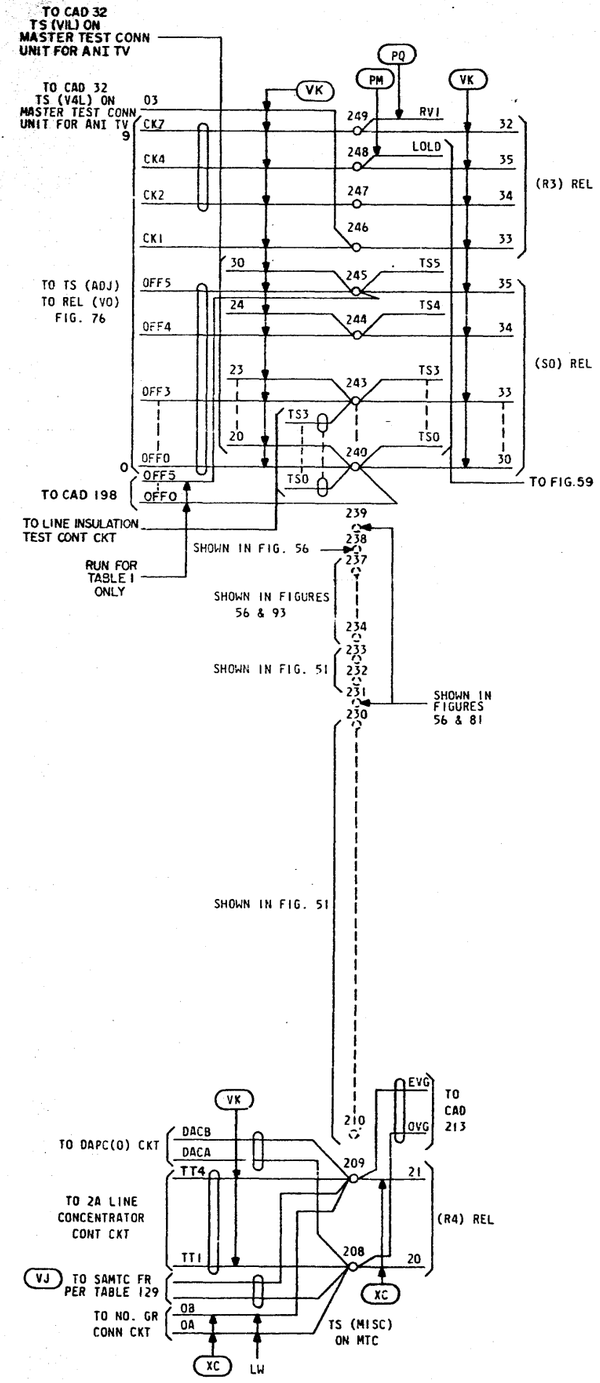
BELL TELEPHONE LABORATORIES INCORPORATED

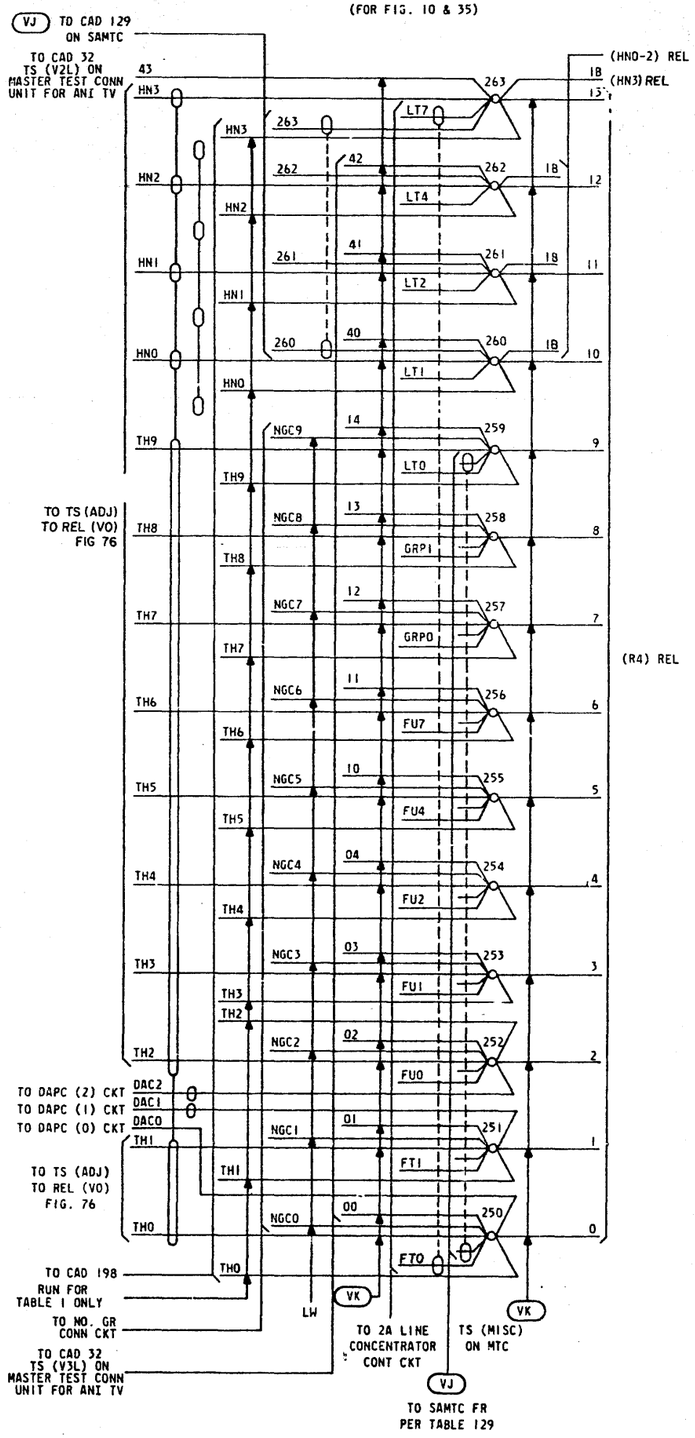
6S

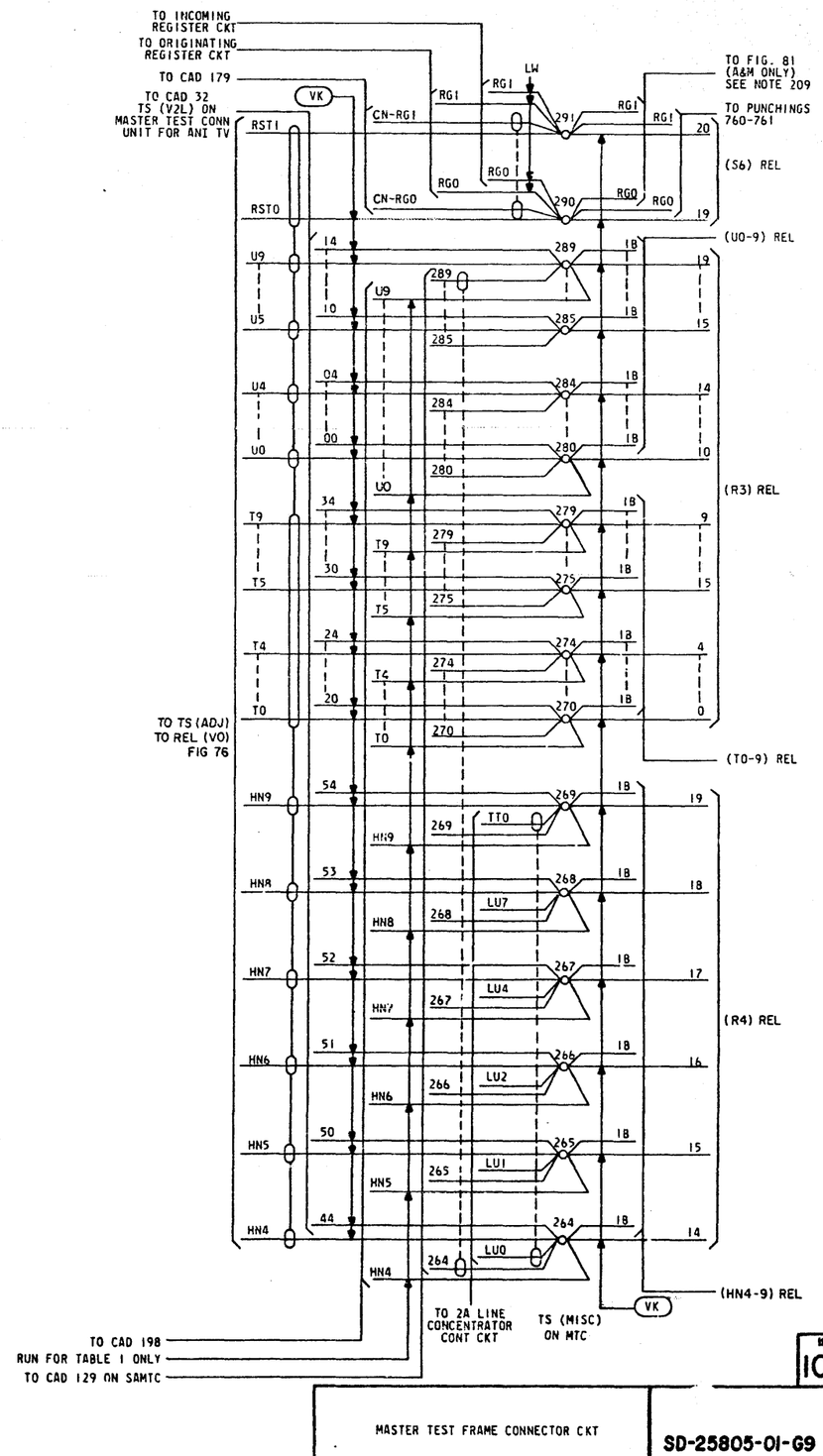
SD-25805-01-G8

PART OF FIG. 60 (A&M ONLY)

(FOR FIG. 10 & 35)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

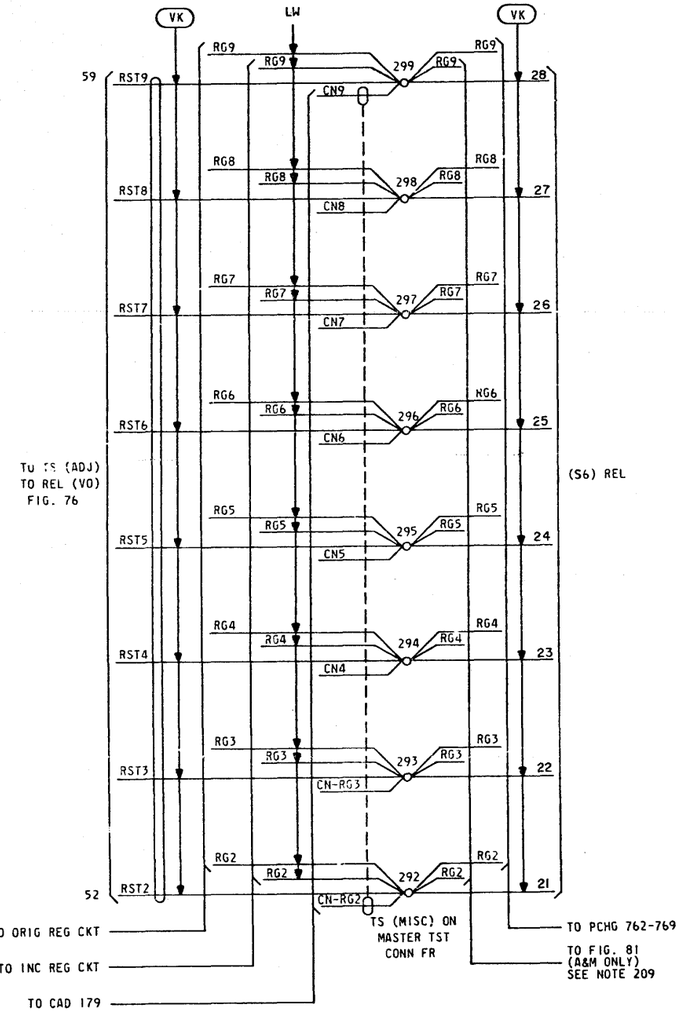
SD-25805-01-G9

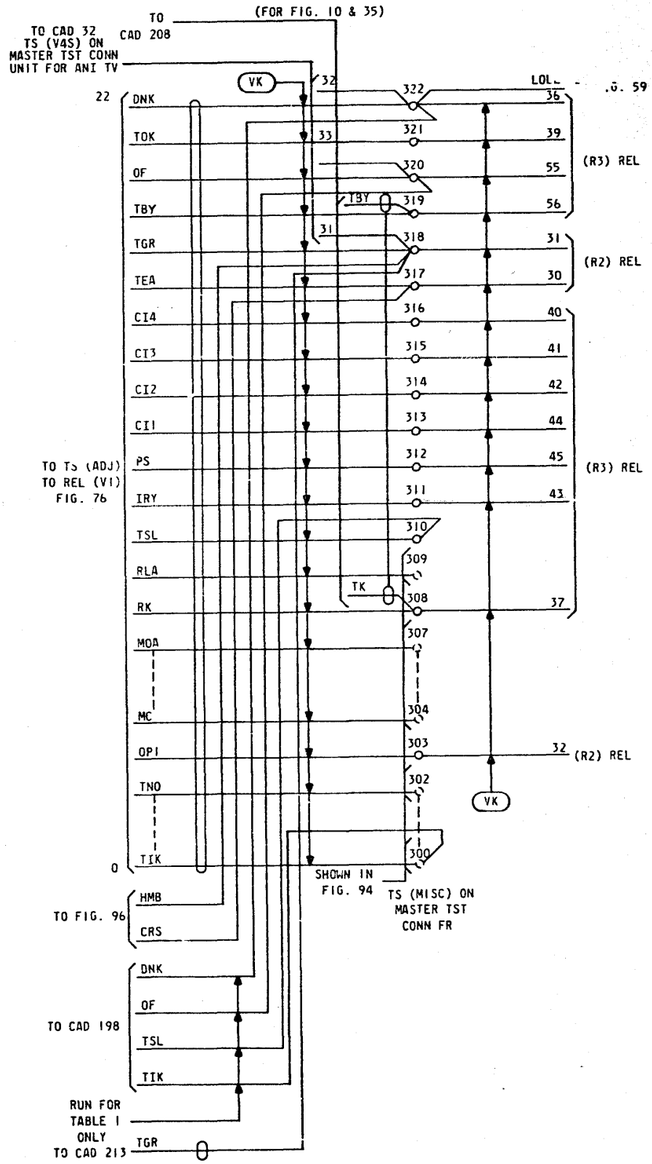
BELL TELEPHONE LABORATORIES INCORPORATED 6S

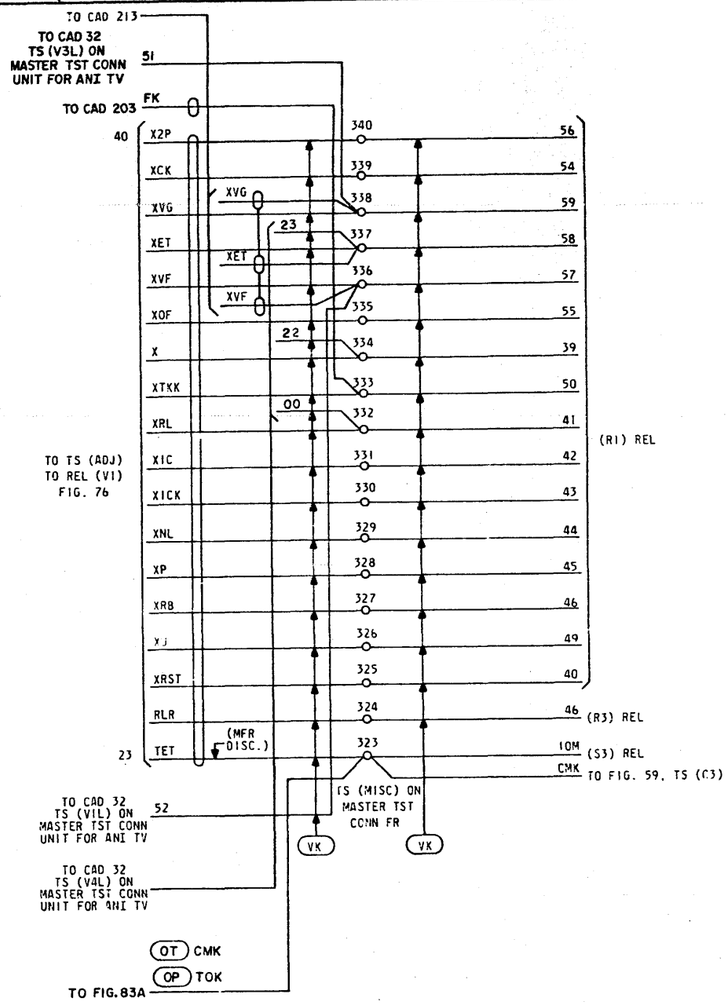
SD-25805-01-G9

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 97A

MASTER TEST FR CONNECTOR CKT

SD-25805-01-G10A

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

SD-25805-01-G10A

PART OF FIG. 60 (A&M ONLY)

(FOR FIG. 10 & 35)

TO FIG.76 FABC
TO CAD 32 TS (V4L) ON MASTER TST CONN UNIT FOR ANI TV
TO CAD 198 TR
TO TS (ADJ) TO REL 0 (V2) FIG. 76 FABC
TO CAD 208 59 RL
TRS
TR
TIC
DTK/DTKI
CK
C1FA
RB
EXT
BY
IC
TM2
TMI
CI4T
CI2T
CI1T
41 BY
TO FIG. 76
TO CAD 179
TO CAD 32 TS (V1L) ON MASTER TST CONN UNIT FOR ANI TV 51
TO TS (ADJ) TO REL (V1) FIG. 76
RUN FOR TABLE I ONLY
ID
IC
(MFR DISC.)
SHOWN IN FIG. 93
FN
DUAL
SNG
TB7
TB6
ZX
PI
VK
SHOWN IN FIG. 51
TS (MISC) ON MASTER TST CONN FR
20 02 01
360 359 358 357 356 353 352 351 350 349 348 347 346 345 344 343 342 341
T88 TO FIG. 59 (C2) REL
52
47 (R3) REL
TRS TO FIG. 59
12 (S8) REL
LVO TO TERM. 873
48 (R3) REL
TO FIG. 59, 44 (A3) REL (R2) REL
51
58
57
59 (R3) REL
38
50
49
LVI TO TERM. 874

TO CAD 213 2TR ITR GC
TO CAD 179 1TR 2TR
OBS
NOB
2TR
ITR
CK8
EXG
EX8
OFF9
OFF8
OFF7
OFF6
FACK
TO CAD 129 ON SAMTC FR
TO CAD 32 TS (V4L) ON MASTER TST CONN UNIT FOR ANI TV
TO CAD 32 TS (V2L) ON MASTER TST CONN UNIT FOR ANI TV
TO CAD 198 CKG ITR NOB OFF9 OFF8 OFF7 OFF6
RUN FOR TABLE I ONLY
TO TS (ADJ) TO REL (V2) FIG. 76
11 12 14 13 21 13 12 11 10
372 371 370 369 368 367 366 365 364 363 362 361
CBS NOB EX EX
VK
P1
VJ
TS(MISC) ON MASTER TST CONN FR
TO FIG. 59 8 (S3) REL 9
34 (R2) REL
TR2 TRK TO FIG. 83
33 (R2) REL
YV
RUN WHEN (45) IS NOT PROVIDED
31 (R3) REL
841 TO CAD 24
3T TO FIG. 45 (EX8) REL
39 TO FIG. 59 (C1) REL
39
38
37 (S0) REL
36
T89 TO FIG. 59 (C2) REL
53 (R3) REL

TO CAD 32 TS (V1L) ON MASTER TST CONN UNIT FOR ANI TV 53
TO TS (ADJ) TO REL (V2) FIG. 76
TO CAD 32 TS (V4L) ON MASTER TST CONN UNIT FOR ANI TV 13
TO CAD 198 4DG RPT
TO CAD 213 RP TP
RUN FOR I ONLY
TS (MISC) ON MASTER TST CONN FR
VK
23 CP4 CP2 CP1 CP0 LSD 5DG 4DG LST SC RPT TPT 13
30 24
383 382 381 380 379 378 377 376 375 374 373
CP4 CP2 CP1 CP0 LSD 5DG 4DG LST SC
TO FIG. 59
3 2 1 0 (R5) REL
21 23 22 20 24 (S2) REL
44 (S3) REL
44 (S4) REL
373 TO FIG. 59, TS (TO)

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G10B

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SD-25805-01-G10B

PART OF FIG. 60 (A8M ONLY)
(FOR FIG. 10 & 35)

TO CAD 32 TS(V4L) ON MA TST CONN UNIT FOR ANI TV

RUN FOR TABLE I ONLY

TO FIG. 59

TO CAD 32 TS(VOL) ON MA TST CONN UNIT FOR ANI TV

RUN FOR TABLE I ONLY

TO CAD 198

TO FIG. 83 OR TO FIG. 83A

TO FIG 59

TO CAD 32 TS(V1L) ON MA TST CONN UNIT FOR ANI TV

RUN FOR TABLE I ONLY

TO CAD 198

TO TS ADJ TO REL (V2) FIG. 76

TO TS(ADJ) TO REL(U3) FIG.;

TO TS ADJ TO REL (V3) FIG. 76

(R1) REL

(R5) REL

(R7) REL

(S0) REL

(R5) REL

(R4) REL

(S7) REL

(R7) REL

(R1) REL

(R7) REL

(S0) REL

(R7) REL

(S0) REL

TO CAD 198

TO CAD 32 TS(V3L) ON MA TST CONN UNIT FOR ANI TV

TO 2A LINE CONCENTRATOR CONT CKT

TS(MISC) ON MTC

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

TO 2A LINE CONCENTRATOR CONT CKT

TS (MISC) ON MTC

TO CAD 32 TS(VOL) ON MA TST CONN UNIT FOR ANI TV

TO FIG. 83

TS (MISC) ON MTC

TO FIG. 59

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D CL CLW AWG
70D

ISSUE 102A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-GII

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6S

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

TO CAD 203

(VJ) TO SAMTC PER TABLE 129

TO CAD 208

PT — SOG — 496 — 42 (R2) REL — TO FIG.59

A¹0 — 495 — A10 — 0

F¹7 — 494 — F17 — 29

F¹4 — 493 — F14 — 28

F¹2 — 492 — F12 — 27

F¹1 — 491 — F11 — 26

F¹0 — 490 — F10 — 25

(R8) REL

PTS — 489 — 50 (R2) REL

XP1 — LFKI — 488 — 51 (R1) REL

TO TS ADJ TO (RTO) REL FIG. 77

DTK — TBK — 487 — 39 (R2) REL

1PA — 486 — 38 (R4) REL

XT1 — XLF — 485 — 52 (R1) REL

OTO — 484 — 49 (R4) REL

PAX — 483 — 43

ITR — 482 — SHOWN IN FIG.93

FNB

LC — 481 — 46

(R2) REL

AT — 480 — (YM) — 51 (R4) REL

TO CAD 32 TS (VOL) ON MA TST CONN UNIT FOR ANI TV

F7 — 479 — F7 — 29

F4 — 478 — F4 — 28

F2 — 477 — F2 — 27

F1 — 476 — F1 — 26

F0 — 475 — F0 — 25

(S0) REL

J7 — 474 — J7 — 14

J4 — 473 — J4 — 13

J2 — 472 — J2 — 12

J1 — 471 — J1 — 11

J0 — 470 — J0 — 10

(R7) REL

TO TS (ADJ) TO REL (V3) FIG. 76

E7 — 469 — E7 — 24

E4 — 468 — E4 — 23

E2 — 467 — E2 — 22

E1 — 466 — E1 — 21

E0 — 465 — E0 — 20

(S0) REL

H7 — 464 — H7 — 9 (R7) REL — TO FIG. 59

TO CAD 198 RUN FOR TABLE I ONLY

TS (MISC) ON MA TST CONN UNIT FOR ANI TV

(VK) TS(MISC) ON MTC

B¹4 — 533 — B14 — 8

B¹2 — 532 — B12 — 7

B¹1 — 531 — B11 — 6

B¹0 — 530 — B10 — 5

(R8) REL

XTC2 — 529

528

XU1 — 527 — 53 (R1) REL

526 — SHOWN IN FIG.93

AR1 — 525 — 50 (R4) REL

C¹7 — 524 — C17 — 14

C¹4 — 523 — C14 — 13

C¹2 — 522 — C12 — 12

C¹1 — 521 — C11 — 11

C¹0 — 520 — C10 — 10

(R8) REL

TO TS (ADJ) TO (RTO) REL FIG 77

519

DS — 518 — 47 (R2) REL

517 — SHOWN IN FIG.93

P1 — 516 — 45 (R2) REL

A¹2 — 515 — A12 — 2

D¹7 — 514 — D17 — 19

D¹4 — 513 — D14 — 18

D¹2 — 512 — D12 — 17

D¹1 — 511 — D11 — 16

D¹0 — 510 — D10 — 15

(R8) REL

T6L — 509 — 49

RD — 508 — 48

(R2) REL

ODD

FNA — 507 — SHOWN IN FIG.93

TBL

EVN — 506

TO CAD 208

A¹1 — 505 — A11 — 1

E¹7 — 504 — E17 — 24

E¹4 — 503 — E14 — 23

E¹2 — 502 — E12 — 22

E¹1 — 501 — E11 — 21

E¹0 — 500 — E10 — 20

(R8) REL

TO TS (ADJ) TO (RTO) REL FIG 77

499

498 — SHOWN IN FIG.93

TV — 497 — 47 (R4) REL — TO FIG. 59

TO CAD 179 MXT

TS (MISC) ON MTC

(VJ) TO SAMTC FR PER TABLE 129

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

59 — 539 — (VK)

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 — B¹7 — 534 — 9 (R8) REL

B17 — TO FIG. 59

TO CAD 208 — RK3, HMS1, CKG

TS (MISC) ON MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D CLV JB

450 JB

700

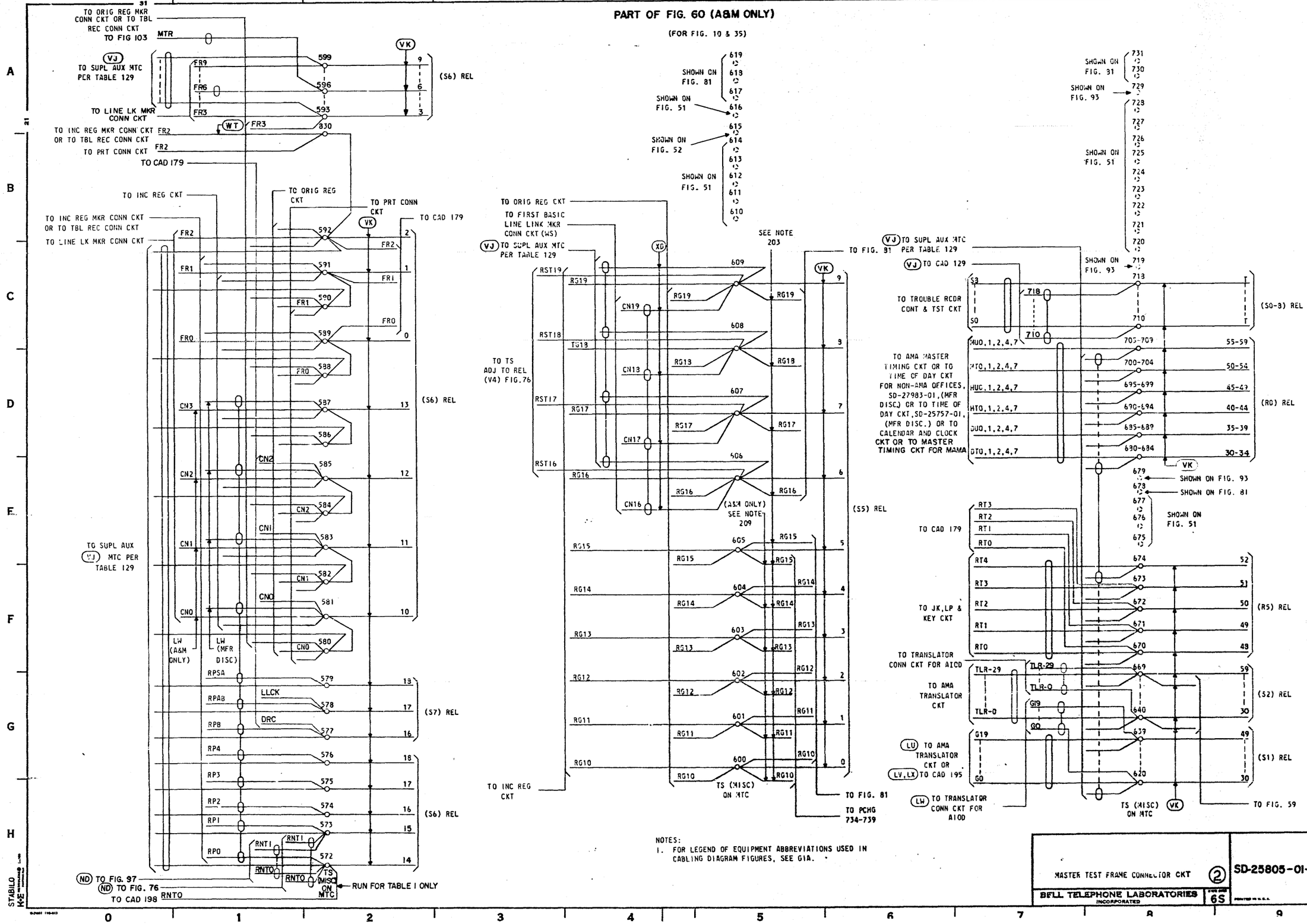
ISSUE 968

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 GIA.

DRAWING ISSUE
430 D.S. A.W. AND
70D
73D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G13

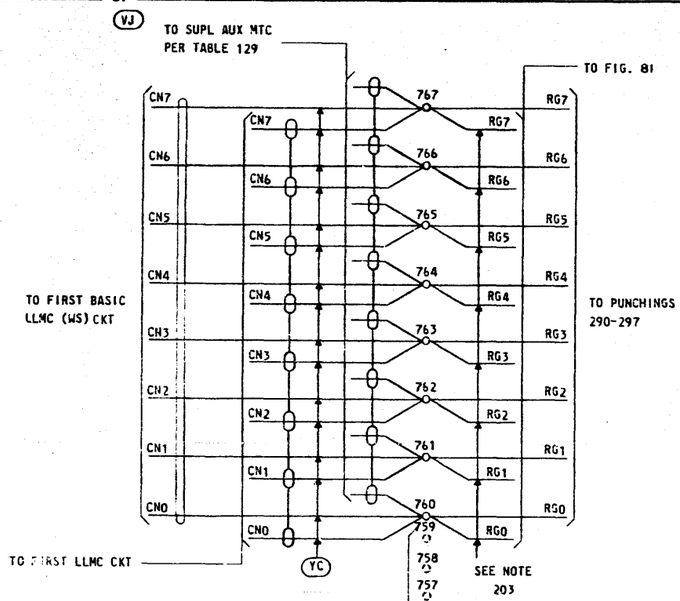
BELL TELEPHONE LABORATORIES INCORPORATED 6S

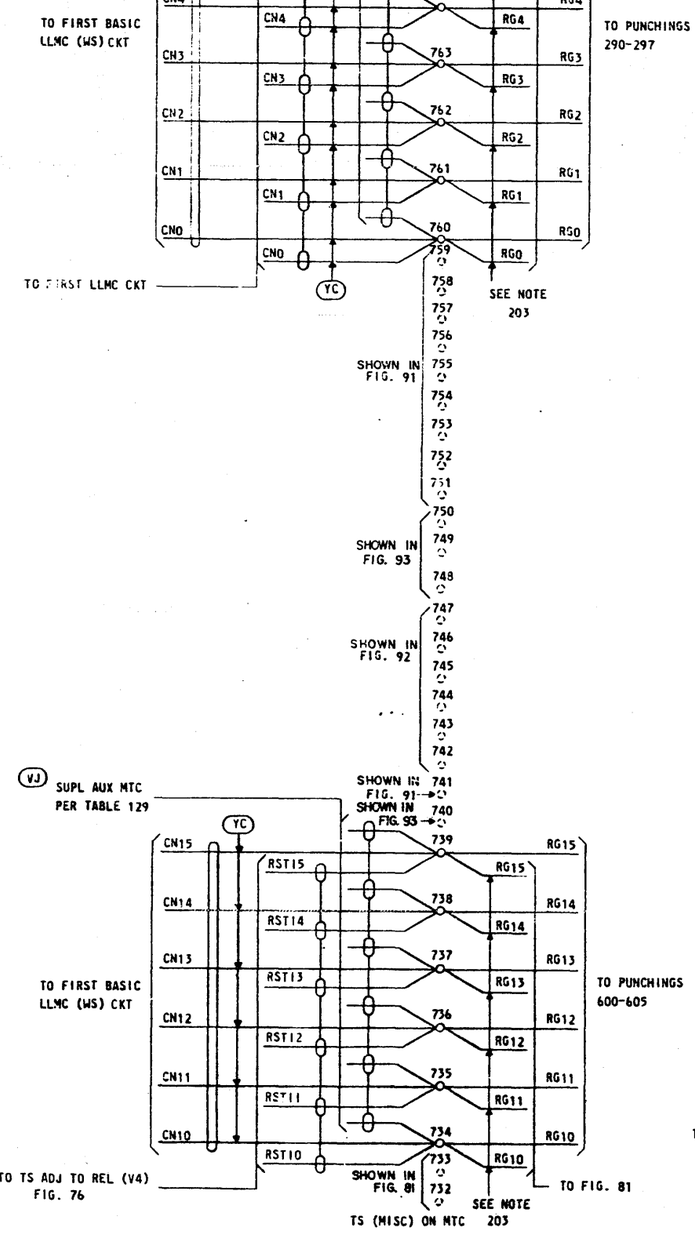
SD-25805-01-G13

STABILO K+E

PART OF FIG. 60 (A8M ONLY)

(FOR FIG. 10 & 35)





SHOWN IN FIG. 91

SHOWN IN FIG. 93

SHOWN IN FIG. 92

SHOWN IN FIG. 93

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

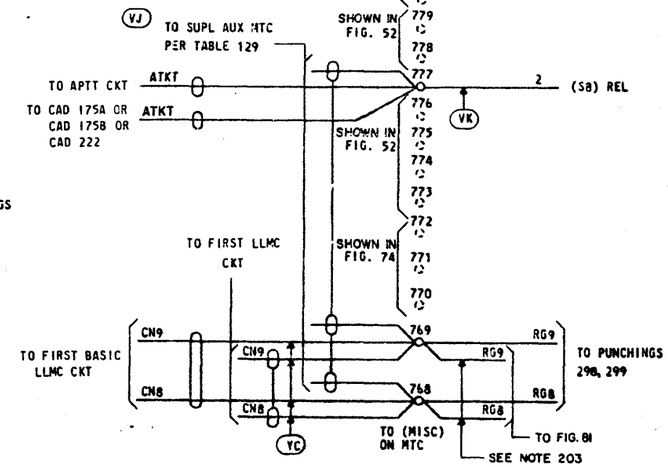
SHOWN IN FIG. 93 — 796, 795, 794, 793, 792, 791, 790, 789, 788, 787

SHOWN IN FIG. 88 — 786, 785, 734, 783, 782, 781, 780

SHOWN IN FIG. 52 — 779, 778, 777, 776

SHOWN IN FIG. 52 — 775, 774, 773, 772

SHOWN IN FIG. 74 — 771, 770



SHOWN IN CAD 24 — 850

SHOWN IN FIG. 51 — 849

SHOWN IN FIG. 81 — 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 — 829, 828, 827

SHOWN IN FIG. 74 — 826, 825, 824, 823, 822, 821

SHOWN IN FIG. 51 — 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 GIA.

DRAWING ISSUE

43D	LB CLK Sup
62D	JWK
70D	
73D	
74A	

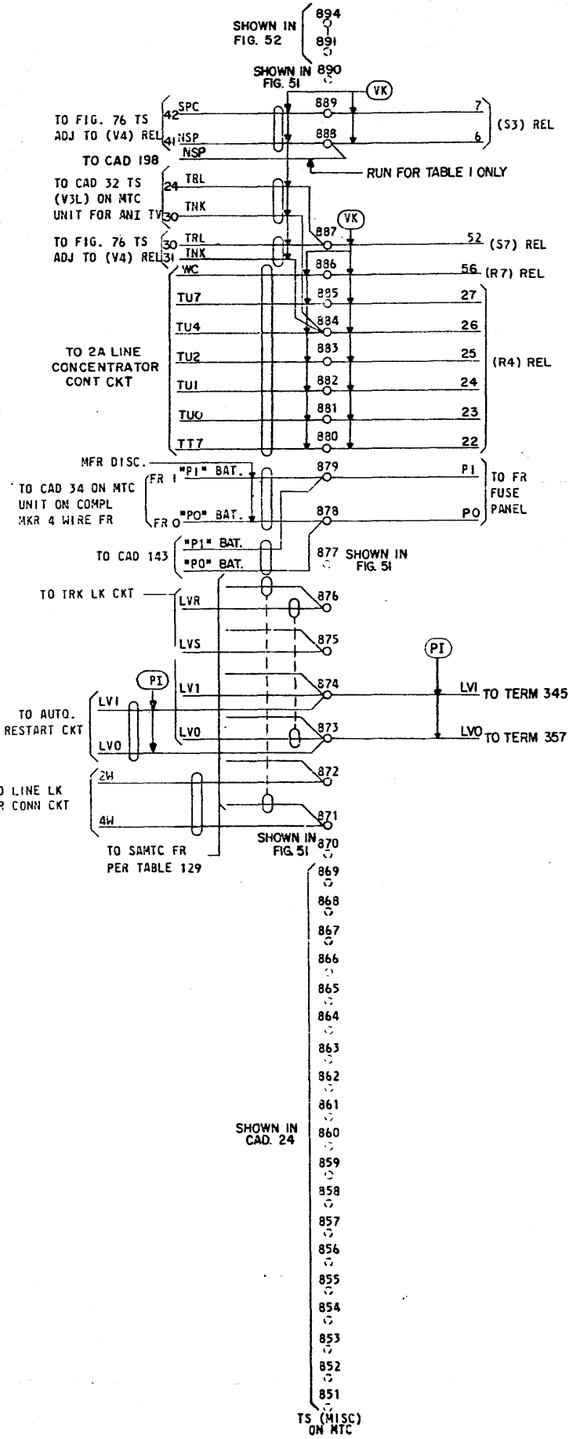
ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G14

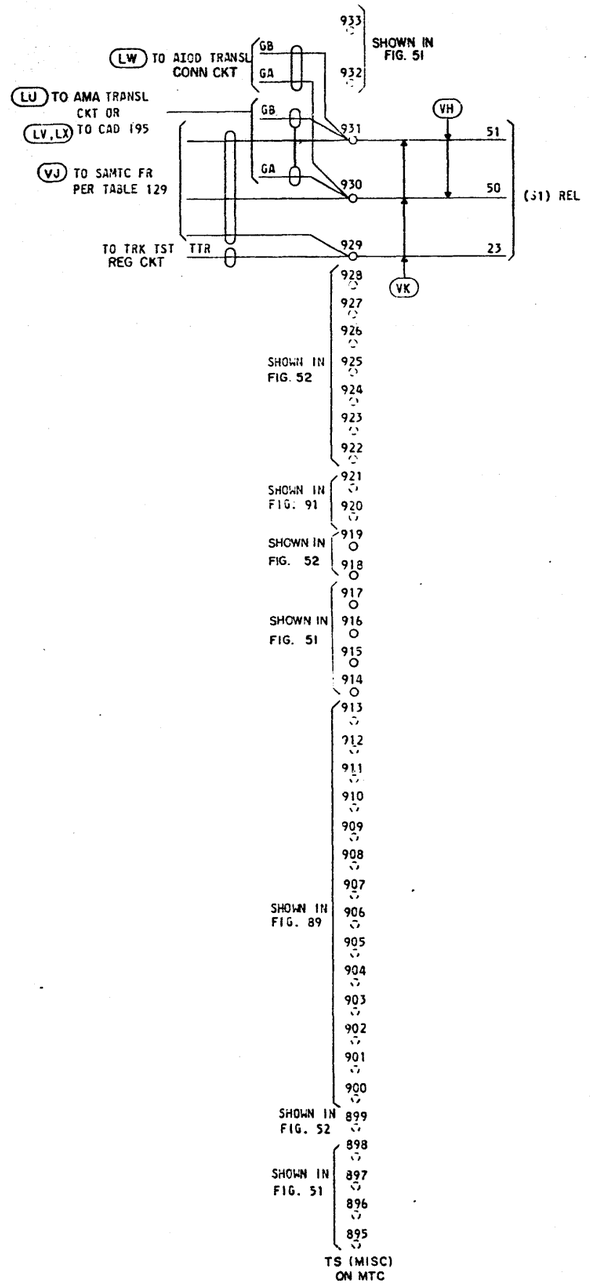
BELL TELEPHONE LABORATORIES INCORPORATED — 6S

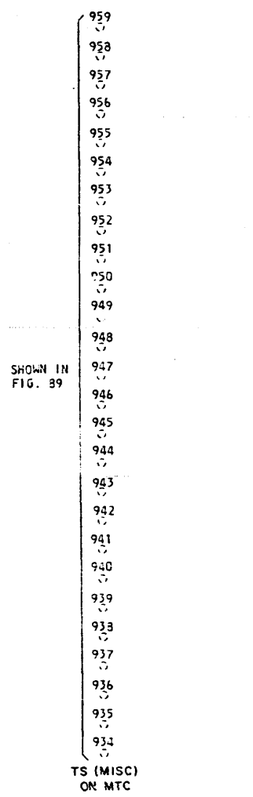
SD-25805-01-G14

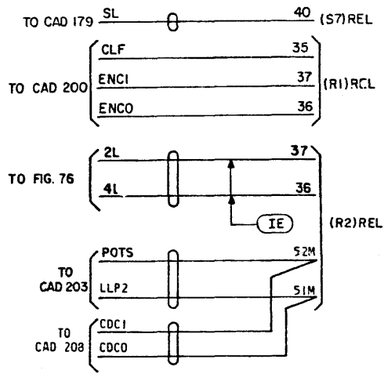
STABILOHM



PART OF FIG. 60 (A&M ONLY)
(FOR FIG. 10 & 35)







DRAWING ISSUE		
43D	ELX (SHD)	C3
52D	LT	C3
64D	CH	C3
70D		B

ISSUE 97A

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

BELL TELEPHONE LABORATORIES INCORPORATED 6S

FIG. 61 (A&M ONLY)
(FOR FIG. 8)
(FOR COMBINED OR COMPLETING OR DT MKR)

RUN FROM 1ST SMTC ONLY
TO MASTER TEST CONTROL CKT
RCY

BARE WIRE MULT TO (A0) REL
TS (A0) ADJ TO MC REL (A0) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (A1) REL
TS (A1) ADJ TO MC REL (A1) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (A2) REL
TS (A2) ADJ TO MC REL (A2) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

TO FIG. 59 FOR FIRST SMTC OR TO PREC FIG. 61

BARE WIRE MULT TO (A3) REL
TS (A3) ADJ TO MC REL (A3) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (A4) REL
TS (A4) ADJ TO MC REL (A4) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (A5) REL
TS (A5) ADJ TO MC REL (A5) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (B0) REL
TS (B0) ADJ TO MC REL (B0) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

TO SUCC FIG. 61

BARE WIRE MULT TO (B1) REL
TS (B1) ADJ TO MC REL (B1) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (B2) REL
TS (B2) ADJ TO MC REL (B2) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (B3) REL
TS (B3) ADJ TO MC REL (B3) 9 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

TO FIG. 59 FOR FIRST SMTC OR TO PREC FIG. 61

BARE WIRE MULT TO (B5) REL
TS (B5) ADJ TO MC REL (B5) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (C0) REL
TS (C0) ADJ TO MC REL (C0) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (C1) REL
TS (C1) ADJ TO MC REL (C1) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (C2) REL
TS (C2) ADJ TO MC REL (C2) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

TO SUCC FIG. 61

BARE WIRE MULT TO (C3) REL
TS (C3) ADJ TO MC REL (C3) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

TO FIG. 59 FOR FIRST SMTC OR TO PREC FIG. 61

BARE WIRE MULT TO (T0) REL
TS (T0) ADJ TO MC REL (T0) 6 OR 9 OR 12 ON 1ST OR 2ND OR 3RD SMTC

BARE WIRE MULT TO (T1) REL
TS (T1) ADJ TO MC REL (T1) 8 OR 11 OR 14 ON 1ST OR 2ND OR 3RD SMTC

TO SUCC FIG. 61

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

FIG. 63 (A&M ONLY)
(FOR FIGURES 13 & 23)

MTMG CKT (ODD)
RT30 174 5T
RT3E 173 2T (MTO) REL
RT1O 172 10B

TO FIG. 88
CIA 171 5T (TPO) REL
OF 170 CIA 3B (TPE) REL

MTMG CKT (EVEN)
RT30 164 5T
RT3E 163 2T (MTE) REL
RT1E 162 10B

TO MASTER TEST FR JACK,LAMP & KEY CKT
TRB1(ODD) 161 8B (MTO) REL
TRB1(EVEN) 160 8B (MTE) REL

TO FIG. 51
TRB1(ODD)
TRB1(EVEN)

MTMG CKT (ODD)
RCCK 114 1B
TRB 113 9B (MTO) REL
TRST 112 4B
CO 111 4T (TPO) REL
CI 110 CO 2T (PCN) REL

VN TO CAG 136
CIA
CO

MTMG CKT (EVEN)
RCCK 34 1B
TRB 33 9B (MTE) REL
TRST 32 4B (TPE) REL
PCN 81 6B (PCN) REL
TPR 80 1T
STR 45 6T
ON 44 STR 11T (MTO) REL
TMG 43 ON 3B (MTE) REL

TO FIG. 51
TO FIG. 60
TS (MISC) ON SMTC
TO FIG. 99 (ND)

FIG. 62 (A&M ONLY)
(FOR FIG. 4 OR 5)

RUN ONLY WHEN 2ND SMTC IS NOT REQD

MTL(1) 61 MTL TO LAST FIG. 53 ON SMTC
MTL 60 MTL TO FIRST FIG. 53 ON SMTC

TO FIG. 56 OR 88 RUN FROM 1ST SMTC

OP(1) 13 OP
CIA(1) 12 CIA
TO LAST FIG. 53 ON SMTC

OP 11 OP
CIA 10 CIA
TO FIRST FIG. 53 ON SMTC

TS (MISC) ON SMTC

TO PREC FIG. 62
TO SUCC FIG. 62
TO FIG. 56 OR 88 RUN FROM LAST SMTC

DRAWING ISSUE
630 4TM CLH 4A
680
700
730

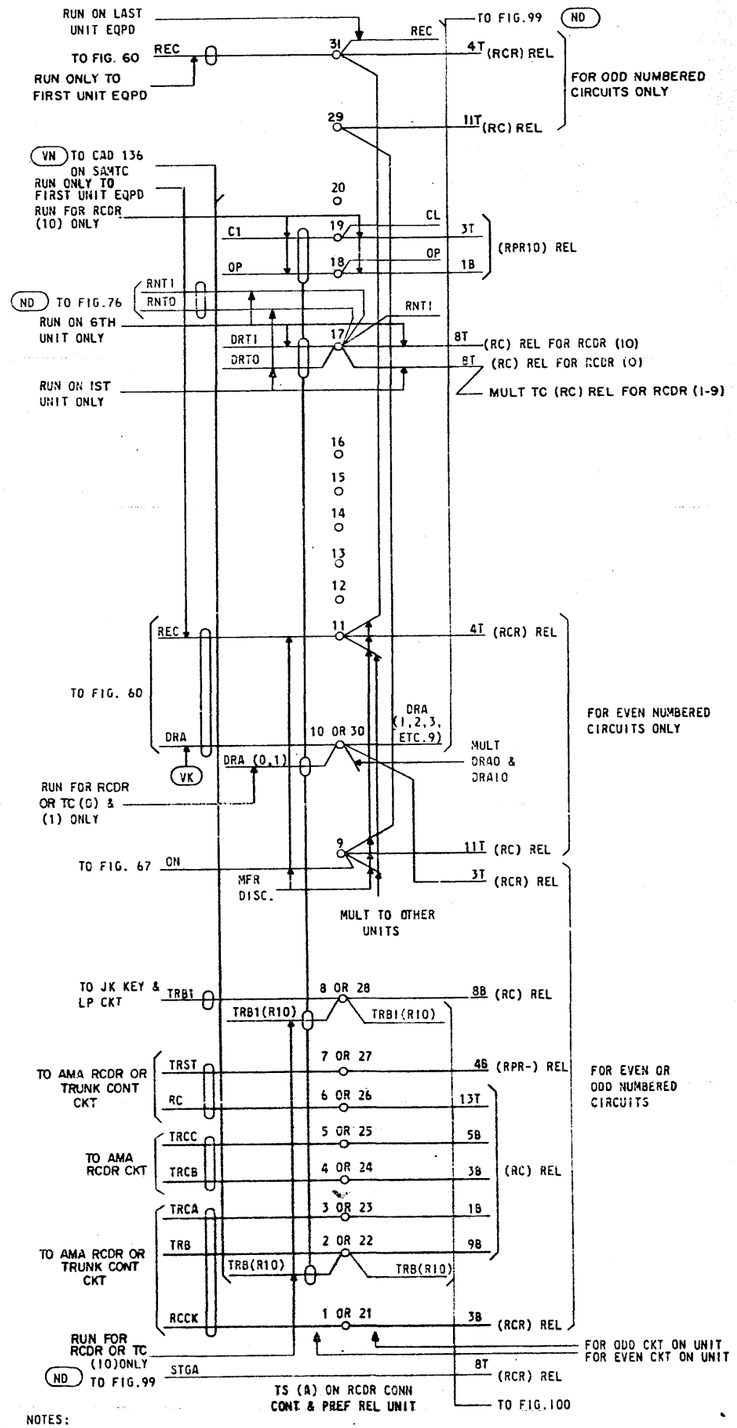
ISSUE 86A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G16
BELL TELEPHONE LABORATORIES INCORPORATED
SIZE 6S

SD-25805-01-G16

STABILO K+E

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.

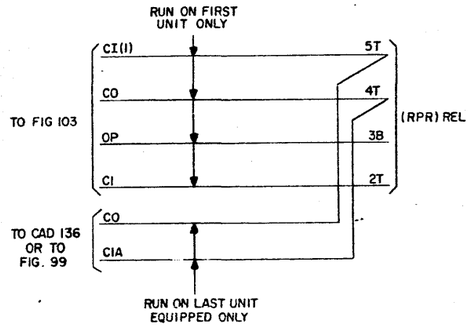


FIG. 65 (A&M ONLY)
(FOR FIG 24)

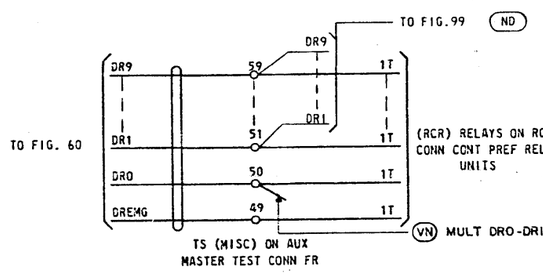
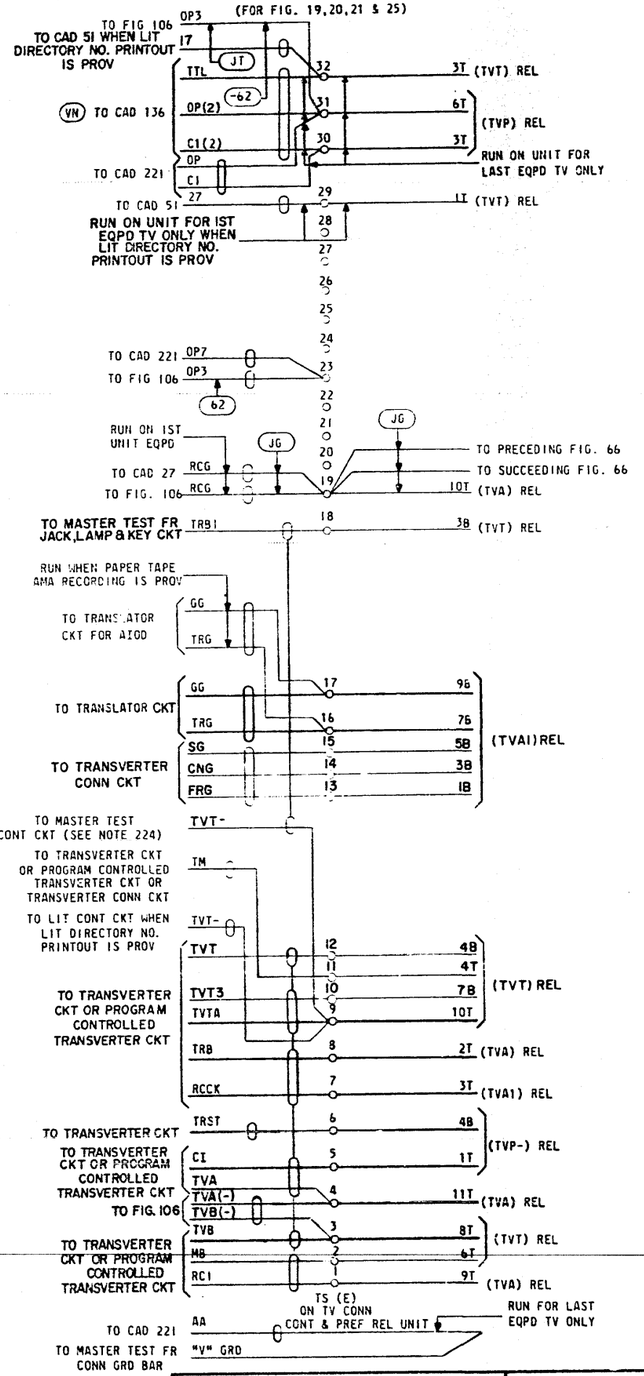


FIG. 66 (A&M ONLY)
(FOR FIG. 19, 20, 21 & 25)



DRAWING ISSUE
43D KEY PLN APR
70D
73D

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G17

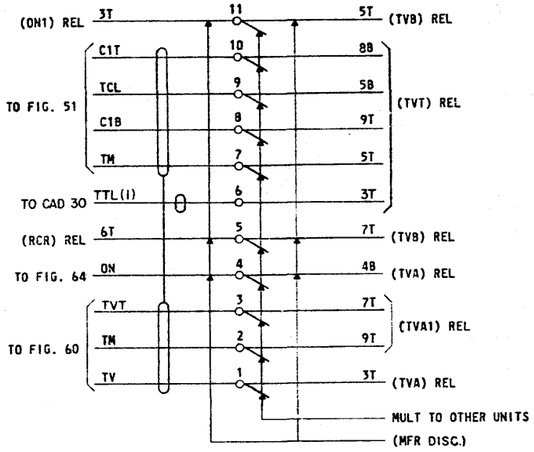
BELL TELEPHONE LABORATORIES INCORPORATED 6S

PRINTED IN U.S.A.

STABILO

FIG. 67 (A & M ONLY)

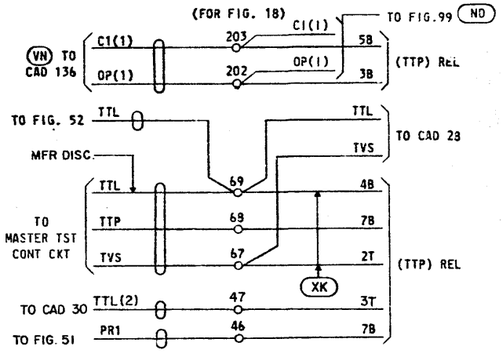
(FOR FIG. 19,20,21 & 25)



TS (F) ON TRANSVERTER
CONN CONTROL & PREFERENCE
REL UNIT

FIG. 68 (A & M ONLY)

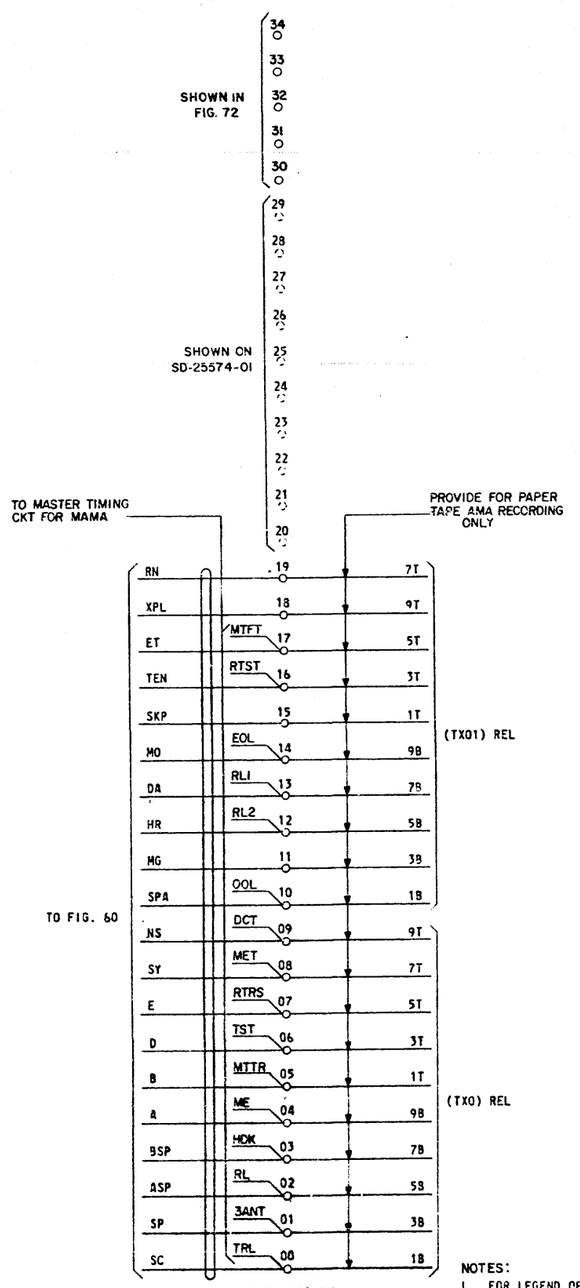
(FOR FIG. 18)



TS (MISC) ON
AUX MASTER TEST
CONN FRAME

PART OF FIG. 70 (A & M ONLY)

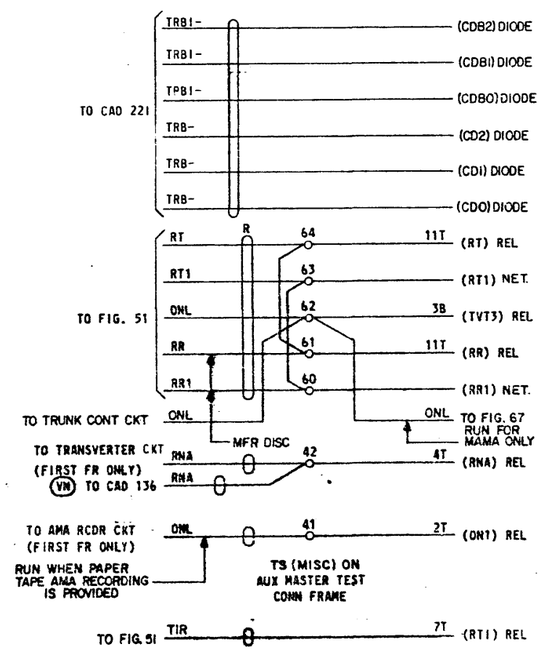
(FOR FIG. 28 & 30)

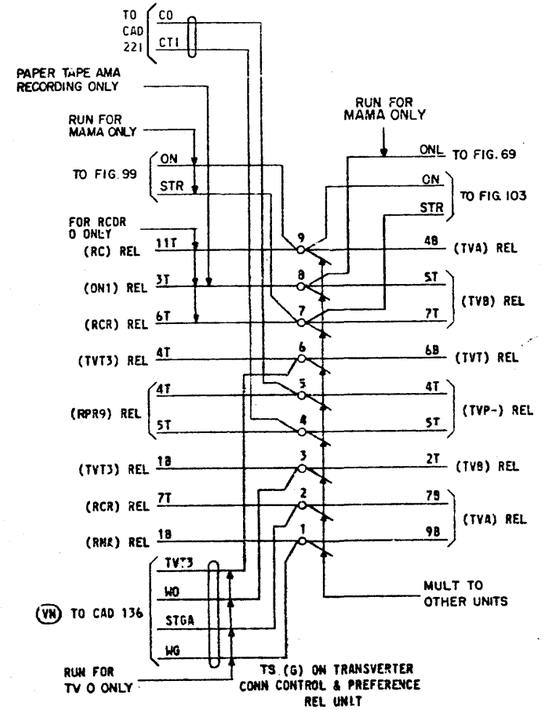


TS (MISC) ON
AUX MASTER TEST
CONN FRAME

FIG. 69 (A & M ONLY)

(FOR FIG. 22)





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
CL 430 CLX 3 SAP
70D
72A
73D

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01,G18

BELL TELEPHONE LABORATORIES (INCORPORATED) 6S

STABILO

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, 46 — SHOWN IN FIG 68

45, 44 — SHOWN IN FIG. 63 — 43

42, 41 — SHOWN IN FIG. 69

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

TO FIG. 60

U7 79
U4 78
U2 77
U1 76
UC 75
T7 74
T4 73
T2 72
T1 71
T0 70

FOR OTHER CONNECTIONS TO THESE PUNCHINGS SEE FIGURES 70A OR 70B

69, 68, 67 — SHOWN IN FIG. 68

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, 170 — SHOWN IN FIG. 63

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
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
SHOWN IN FIG. 72: 207, 206, 205, 204
SHOWN IN FIG. 68: 203, 202
SHOWN IN FIG. 77: 201, 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; XTC 180 2T (XTL) REL
SHOWN ON SD-25574-01
179, 178, 177, 176
SHOWN IN FIG. 71: 175
SHOWN IN FIG. 63: 174, 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
SHOWN IN CAD 28: 220, 219, 218, 217, 216, 215, 214, 213, 212, 211, 210
TS (MISC) ON AUX MTC

FIG. 70A

REQUIRED WHEN PAPER TAPE AMA RECORDING IS PROVIDED

79 9T
78 7T
77 5T
76 3T
75 1T
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-25805-01-620A

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-620A

FIG. 71 (A&M ONLY)

(FOR FIG. 28)
FOR PAPER TAPE AMA RECORDING ONLY

TO EVEN OR ODD MASTER TIMING CKT

RN	165 OR 175	8T
XPL	108 OR 138	10T
ET	107 OR 137	6T
TEN	106 OR 136	4T
SKP	105 OR 135	2T
MO	104 OR 134	10B
DA	103 OR 133	8B
HR	102 OR 132	6B
MG	101 OR 131	4B
SPA	100 OR 130	2B
NS	99 OR 129	10T
SY	98 OR 128	8T
E	97 OR 127	6T
D	96 OR 126	4T
B	95 OR 125	2T
A	94 OR 124	10B
BSP	93 OR 123	8B
ASP	92 OR 122	6B
SP	91 OR 121	4B
SC	90 OR 120	2B

(TXE1) OR (TXO1) REL

(TXE) OR (TXO) REL

THESE PUNCHINGS SHOWN IN FIG.102 FOR MAMA

TO EVEN OR ODD RECORDERS VIA MASTER TIMING CKT

U7	149 OR 159	10T
U4	148 OR 158	8T
U2	147 OR 157	6T
U1	146 OR 156	4T
U0	145 OR 155	2T
T7	144 OR 154	10B
T4	143 OR 153	8B
T2	142 OR 152	6B
T1	141 OR 151	4B
T0	140 OR 150	2B

(RTE1) OR (RTO1) REL

TS (MISC) ON AUX MTC

PART OF FIG. 72 (A&M ONLY)

(FOR FIG. 29)
FOR PAPER TAPE AMA RECORDING ONLY

THESE PUNCHINGS SHOWN IN FIG. 103 FOR MAMA

TO EVEN & ODD TIMERS ON MA TMG CKT

RST19	207	10T
RST18	206	8T
RST17	199	6T
RST16	198	4T
RST15	197	2T
RST14	196	10B
RST13	195	8B
RST12	194	6B
RST11	193	4B
RST10	192	2B

(STC2) REL

TS (MISC) ON AUX MTC

TO AMA RCDR CKT

RST19	191	10T
RST18	190	8T
RST17	189	6T
RST16	188	4T
RST15	187	2T
RST14	186	10B
RST13	185	8B
RST12	184	6B
RST11	183	4B
RST10	182	2B

(STC3) REL

TS (MISC) ON AUX MTC

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

SD-25805-01-G20B

PART OF FIG. 72 (A&M ONLY)

(FOR FIG. 29)

FOR PAPER TAPE AMA RCDG ONLY

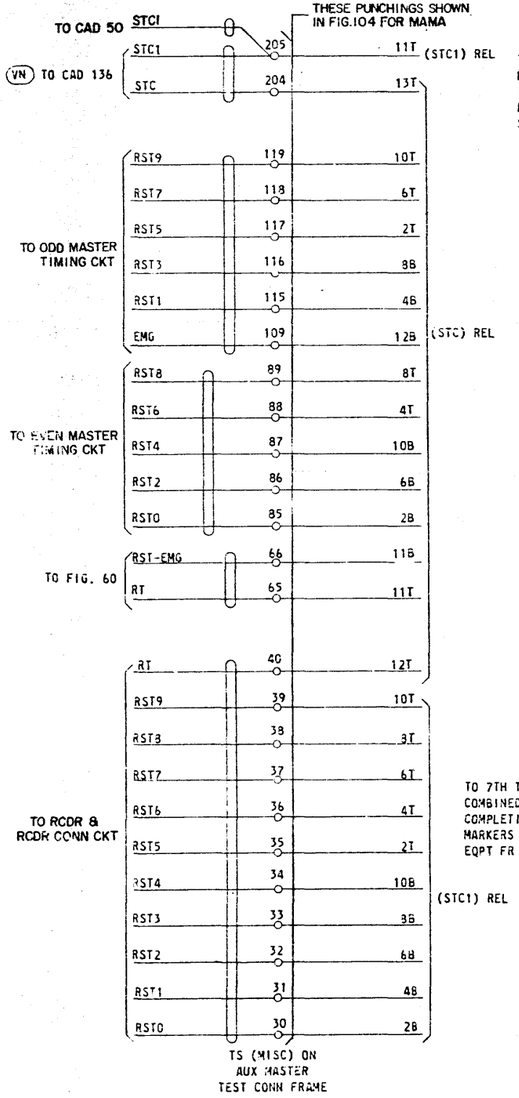
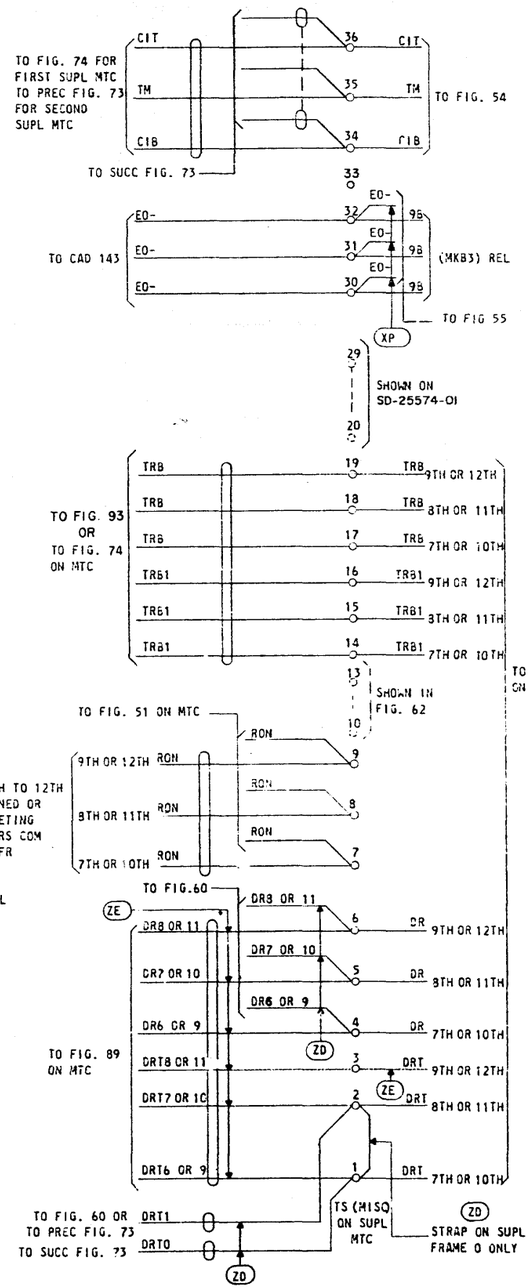
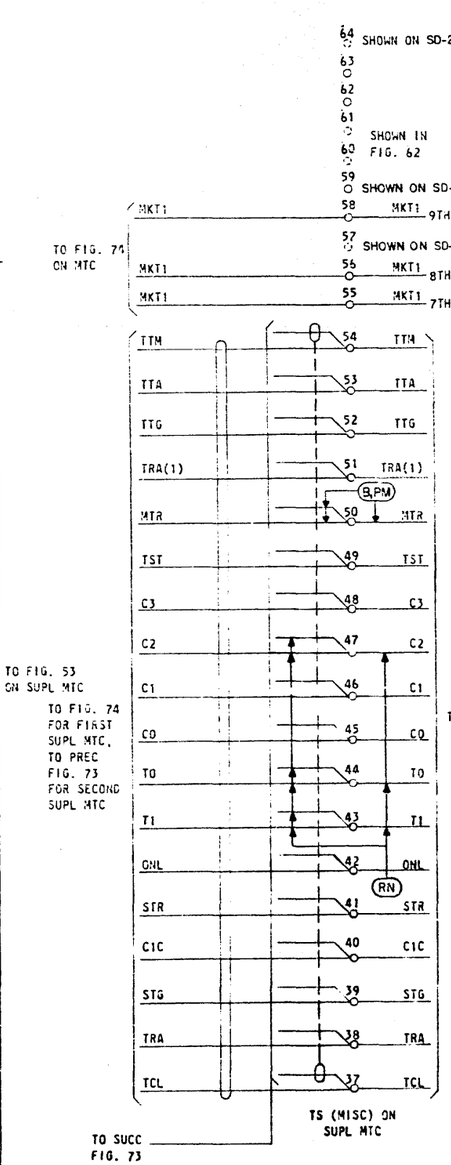


FIG. 73 (A&M ONLY)

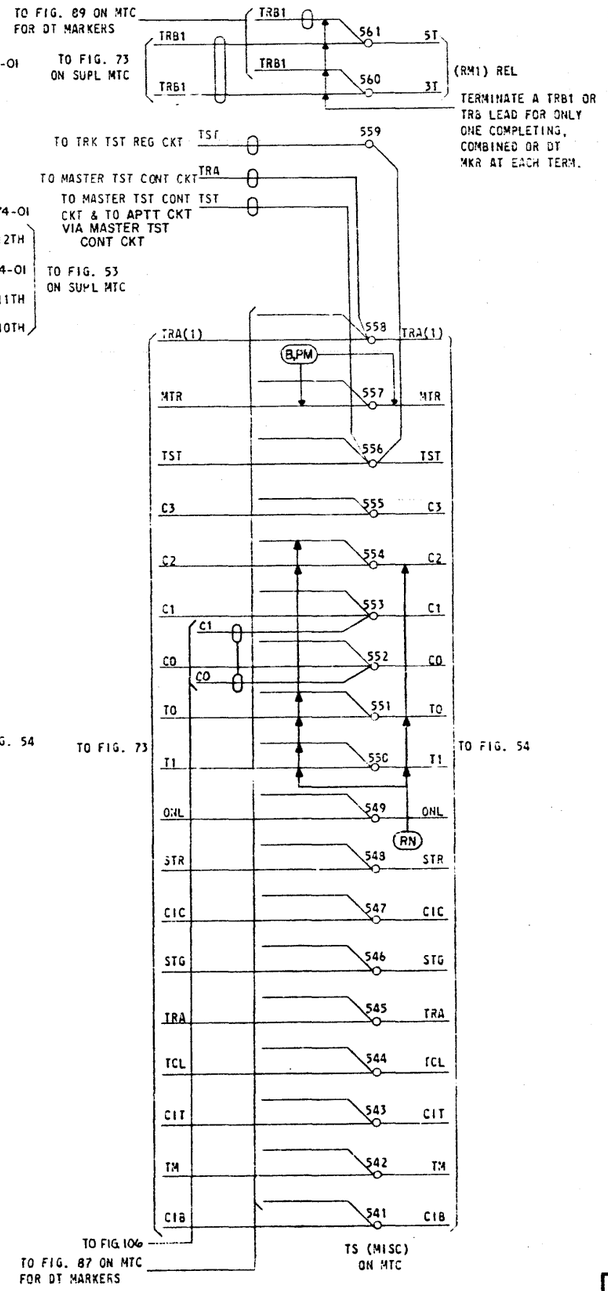
(FOR FIG. 136)





PART OF FIG. 74 (A&M ONLY)

(FOR FIG. 6)



DRAWING ISSUE		
43D	TSC	
	CLA	
	AND	
	PLC	
53AR	LW	
	AHJ	
58A	LEA	
	VM	
	AAS	
63A	JH	
70D		
72A		
73D		

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G21

BELL TELEPHONE LABORATORIES INCORPORATED | 6S

SD-25805-01-G21

STABILO K2E

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
R3 BAT. 834
R2 BAT. 833
R1 BAT. 832
R0 BAT. 831
TO CAD 143
TO FUSE PANEL ON MTC
TO FIG 55

MKT1 827 11T
MKT1 826 9T
MKT1 825 7T
MKT1 824 5T
MKT1 823 3T
MKT1 822 1T
TO FIG. 73 ON SUPL MTC
(VV)

EO- 809
EO- 808
EO- 807
EO- 806
EO- 805
EO- 804
TO CAD 143
(MK83) REL

TTM 772 TTM
TTA 771 TTA
TTG 770 TTG
(XP)
TO FIG. 73
TO FIG. 54

TRB1 571 3T
TRB1 570 1T
(RMA) REL
TRB 569 11T
TRB 568 11B
TRB 567 9T
TRB 566 7T
TRB 565 5T
TRB 564 3T
(RM) REL
TRB1 563 9T
TRB1 562 7T
(RM1)
TO FIG. 73 ON SUPL MTC
(Y)
TS(MISC) ON MTC
TO FIG. 89 ON SUPL MTC FOR DT MARKERS
TERMINATE A TRB1 OR TR8 LEAD FOR ONLY ONE COMPLETING, COMBINED OR DT MKR AT EACH TERM

"P2" BAT.
R11 BAT.
R8 BAT.
TO CAD 143
TO FUSE PANEL ON MTC

SEE TABLE 76A FOR LEAD DESIGNATIONS
59
TO TV CKT OR DAS CKT VIA TV CONN CKT
(VO) REL
0
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
(MK83) REL
TO TV CKT OR DAS CKT VIA TV CONN CKT
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 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
(V2) REL
TO TV CONN CKT OR DAS CKT VIA TV CONN CKT 49 45
44 14 13 0 59 55 54 50 49 44 43 40 39
TO DAS CKT VIA TV CONN CKT
35 34 41 30 29 28 27 26 25 24 20 19 18 17 16 15
(V1) REL
(V3) REL
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 58 57 56 55 54 (ZX) 53 52 51 35 34 41 40 37 24 23 22 21 20 19 11 10 4 0
59
TO FIG. 60
TO CAD 136 (SEE TABLE 76B)
TO MASTER TEST CONTROL CKT (SEE NOTE 22)
XET
MC
TO CAD 215
TO CAD 198
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
430 SAV CLY AB
70D

ISSUE 100B

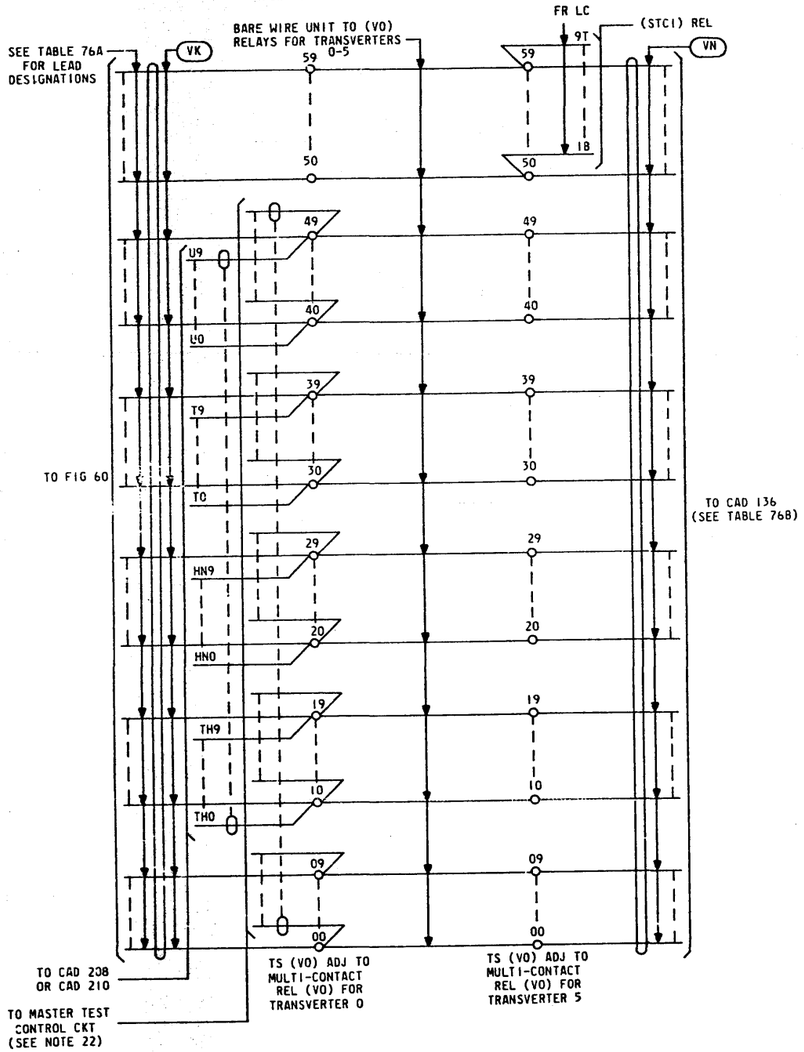
MASTER TEST FRAME CONNECTOR CKT (2) SD-25305-01-G22A
BELL TELEPHONE LABORATORIES INCORPORATED 6S

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 GIA.

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01-		G22B

SD-25805-01-G22B

PART OF FIG. 76 (A&M ONLY)

(FOR FIG. 26 & 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

BARE WIRE MULT TO (V2) RELAYS FOR TRANSVERTERS 0-5

TO CAD 208

TO FIG. 60

TS (V3) ADJ TO MULTICONTACT REL (V3) FOR TRANSVERTER 0

TS (V3) ADJ TO MULTICONTACT REL (V3) FOR TRANSVERTER 5

TO MASTER TST CONT CKT (SEE NOTE 224)

BARE WIRE MULT TO (V3) RELAYS FOR TRANSVERTERS 0-5

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 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

BARE WIRE MULT TO (WO) RELAYS FOR TRANSVERTERS 0-5

TS (WO) ADJ TO MULTICONTACT REL (WO) FOR TRANSVERTER 0

TO CAD 17

TS (WO) ADJ TO MULTICONTACT REL (WO) FOR TRANSVERTER 5

TO FIG. 77

SEE TABLE 76A OR TABLE 5 FOR LEAD DESIG

TO CAD 136 (SEE TABLE 76B)

FR LC

TO CAD 19

SEE TABLE 5D FOR LEAD DESIG

TO TRANSVERTER CONN CKT

TO TRANSVERTER CKT

(V4) REL

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE	
43D	TG CLW
52D	CLO WH AHA
68D	
70D	
73D	

ISSUE 96B

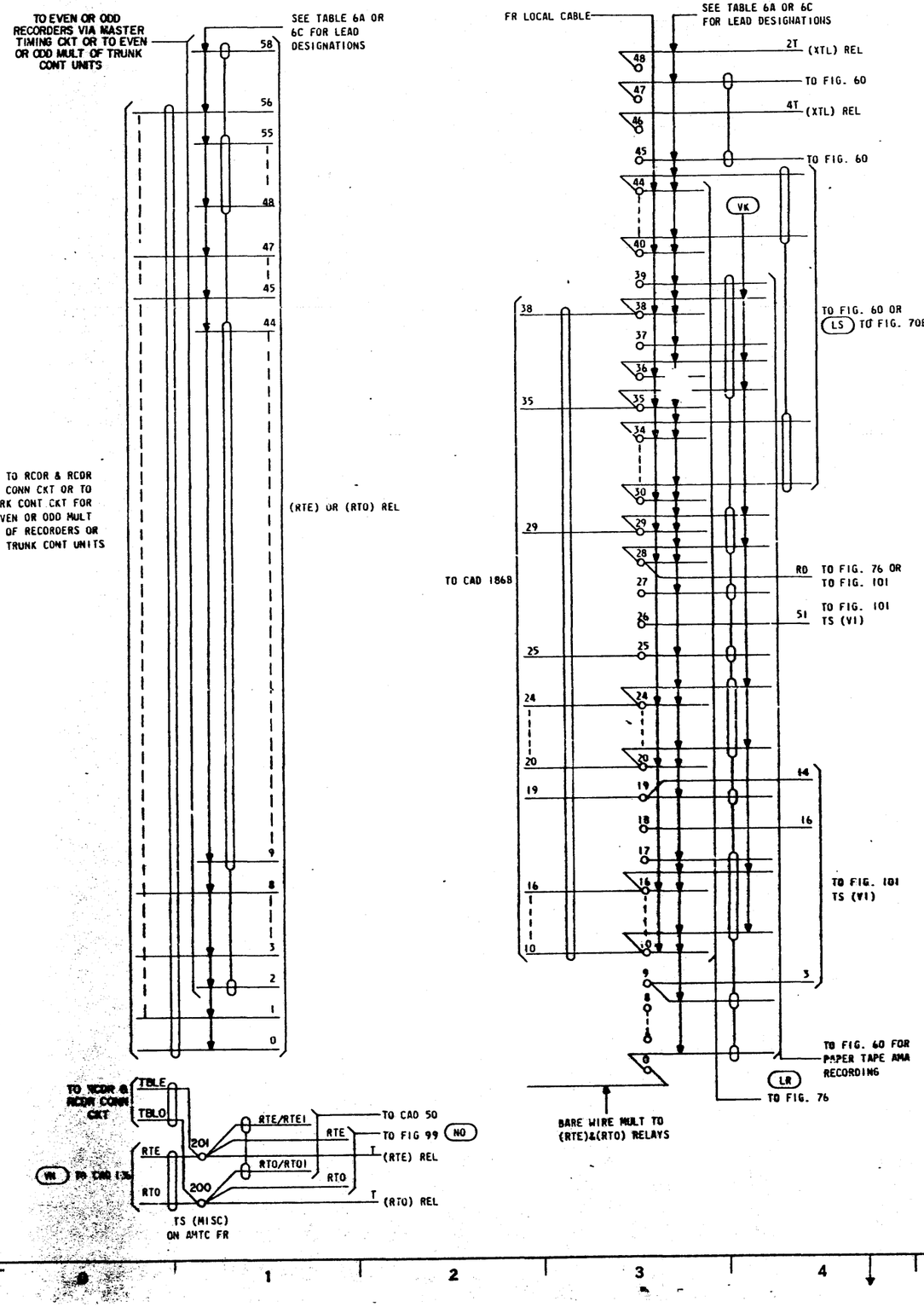
MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G23

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO

FIG. 77 (A&M ONLY)
(FOR FIG. 27)



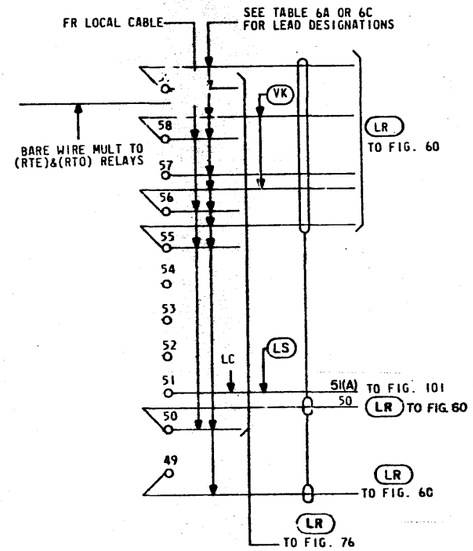


FIG. 78
(FOR FIG. 31)
(SEE CAD 149 FOR SWBD CA TO OFFICE TEST FR)

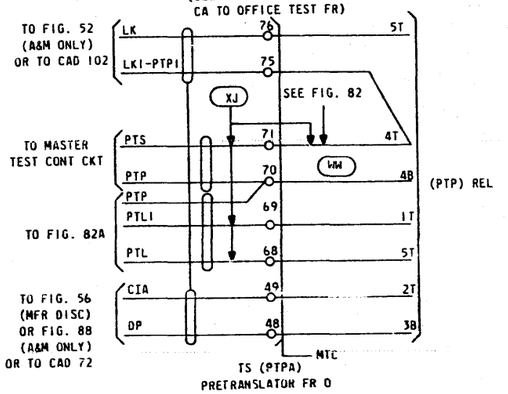
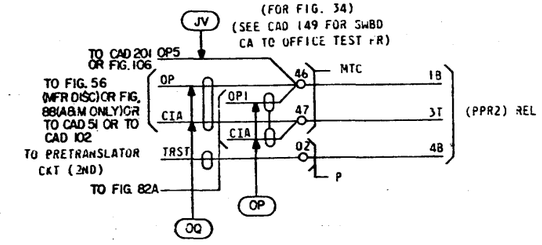


FIG. 80
(FOR FIG. 34)
(SEE CAD 149 FOR SWBD CA TO OFFICE TEST FR)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G24

BELL TELEPHONE LABORATORIES INCORPORATED

SYNC SIZE 6S

SD-25805-01-G24

FIG. 81 (A&M ONLY)

(FOR FIG. 35)

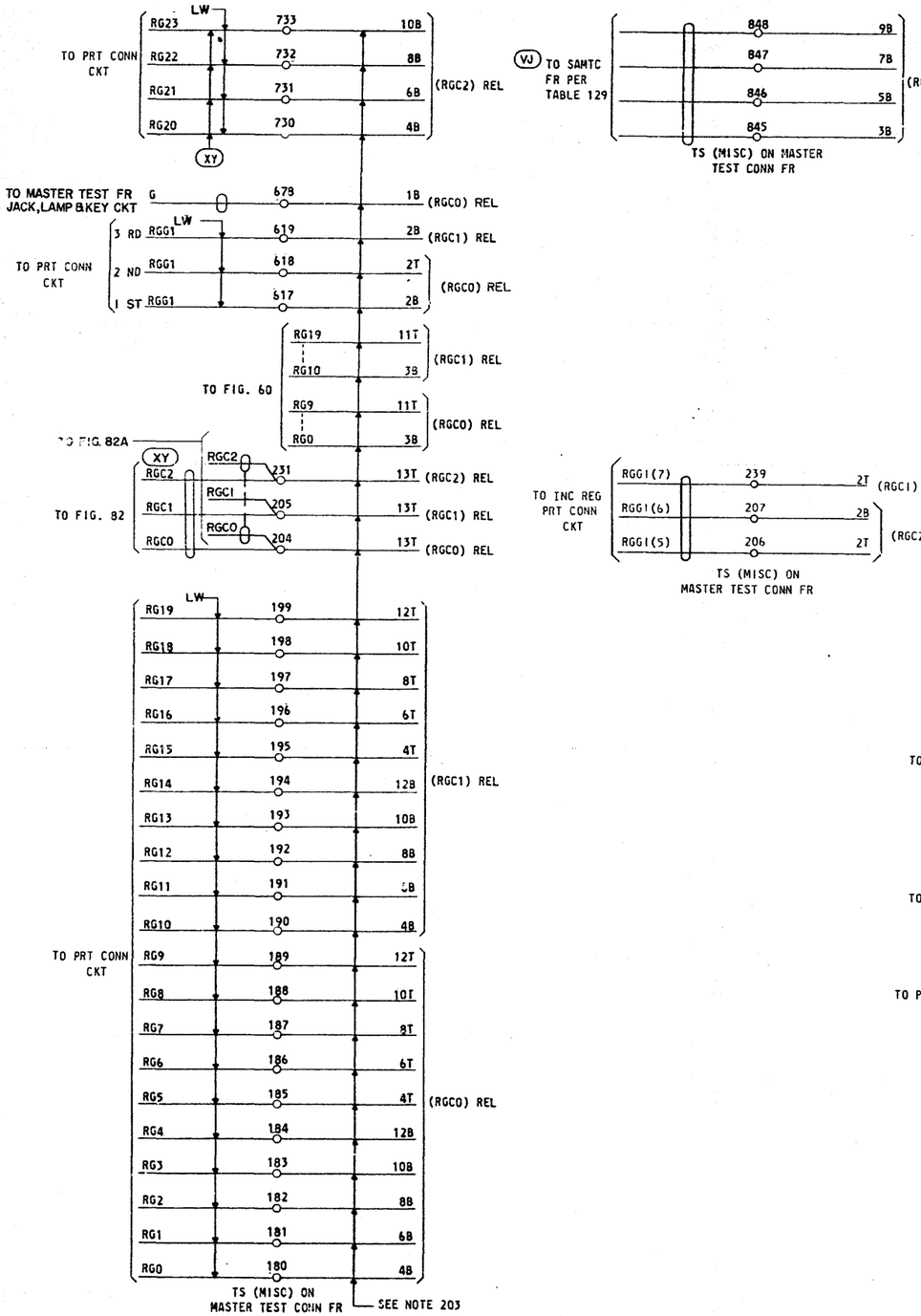
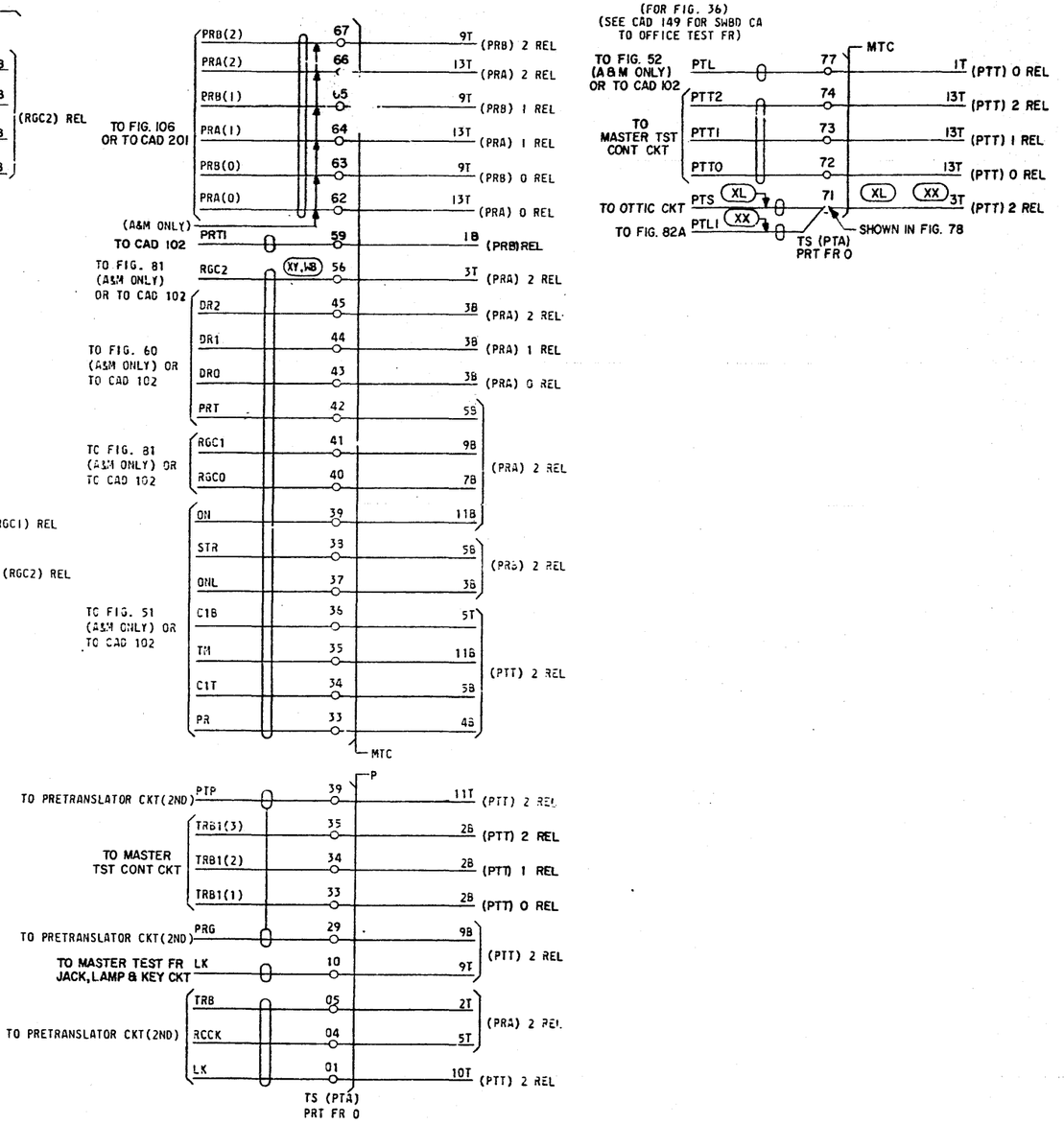


FIG. 82

(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 GIA.

DRAWING ISSUE
430 PEC
520 DM
570 DM
600 DM
700
710
730
750

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G25A

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-25805-01-G25A

STABILO

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)

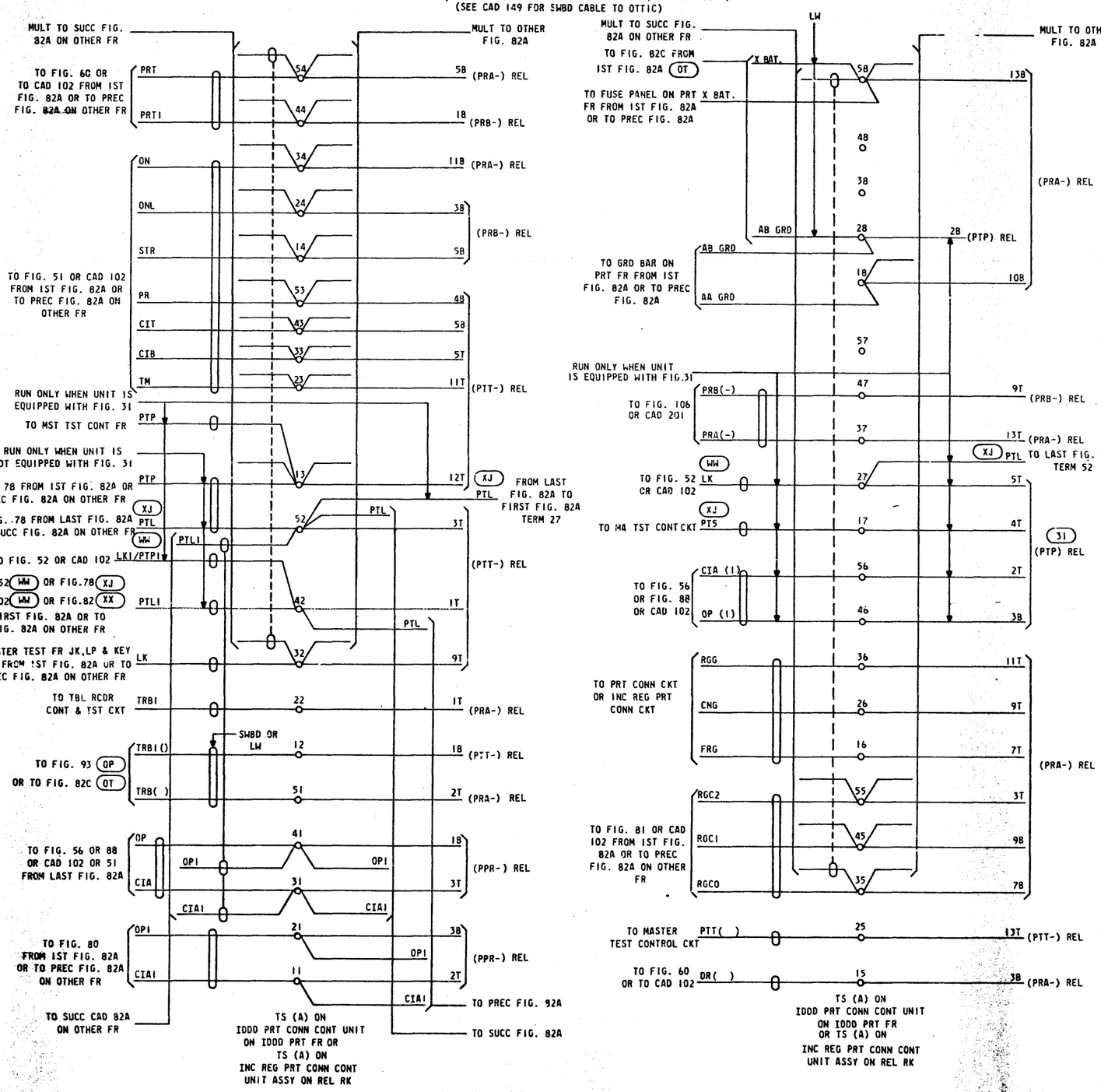
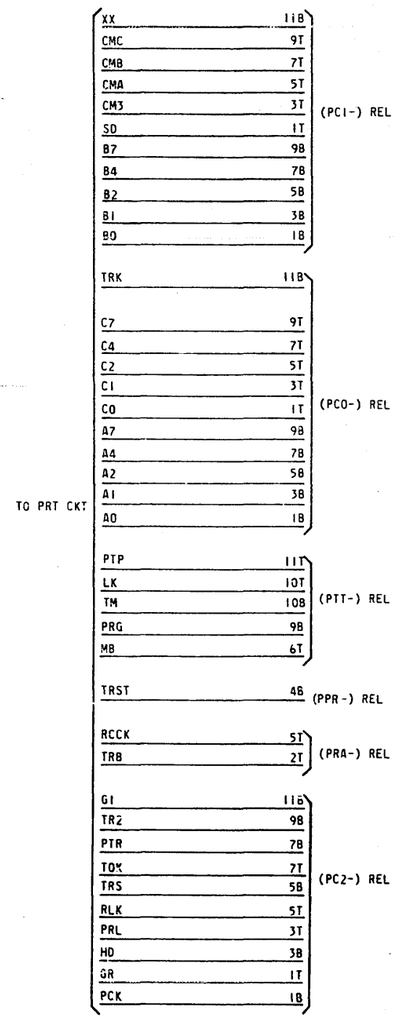


FIG. 82B

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

BELL TELEPHONE LABORATORIES INCORPORATED

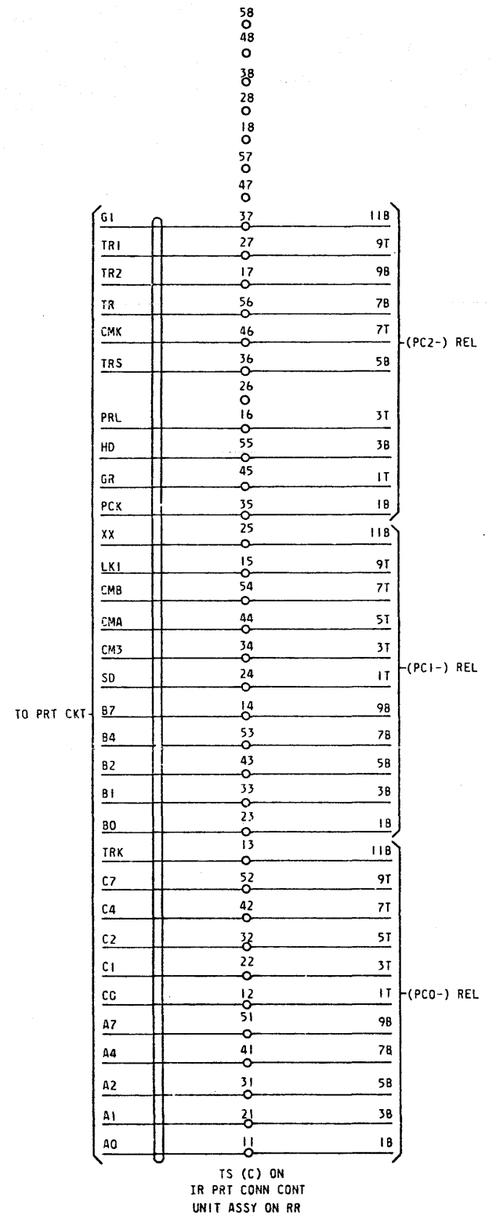
6S

PRINTED IN U.S.A.

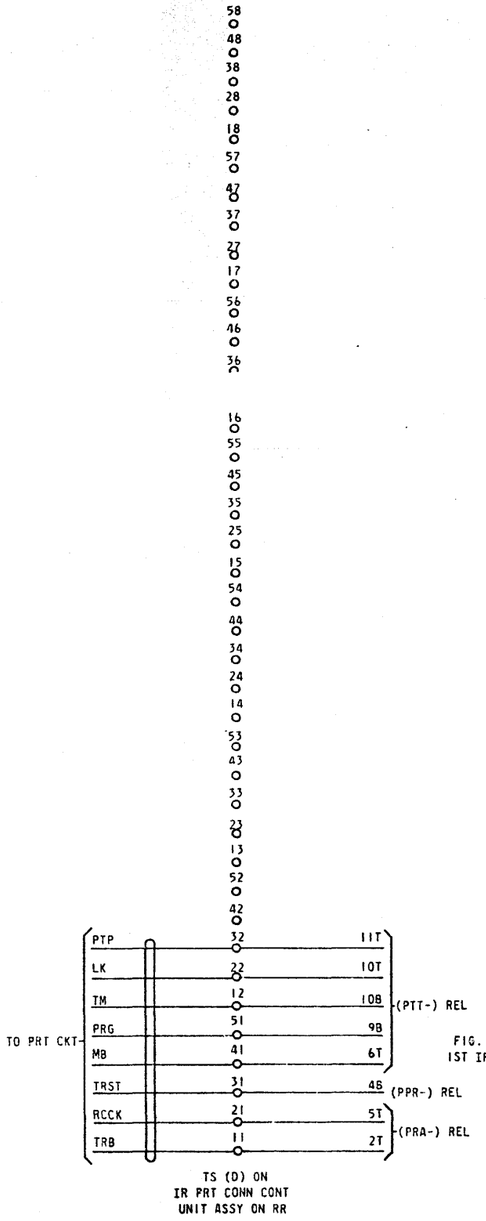
SD-25805-01-625B

FIG. 82C

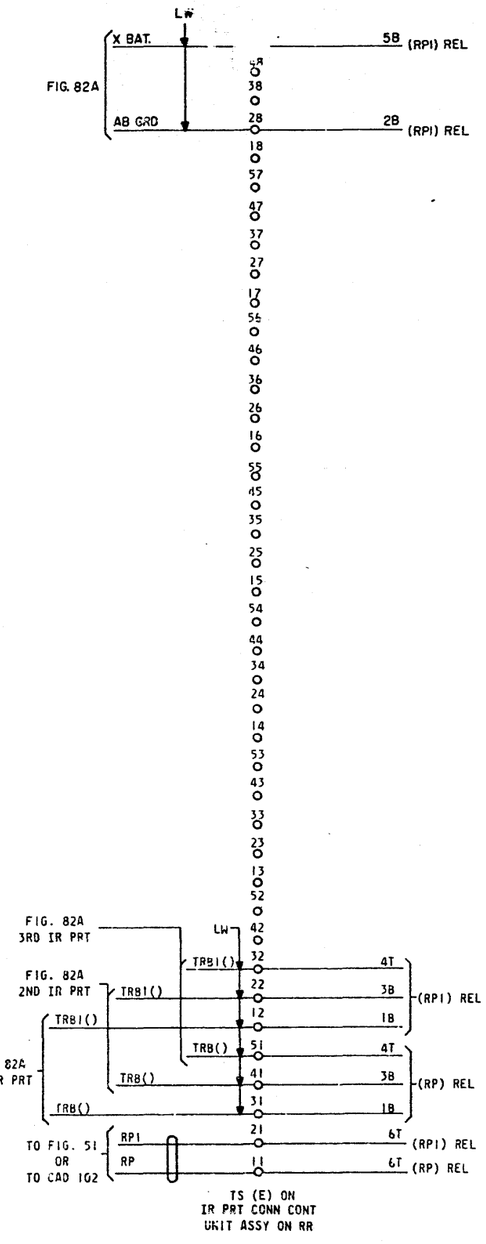
SWBD CABLE AND LW BETWEEN IR PRETRANSLATOR AND THE MTC CONTROL UNITS (FOR FIG. 32,33,34,36,37,38,191,192,AND 193)



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
730
750
ISSUE
87B

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

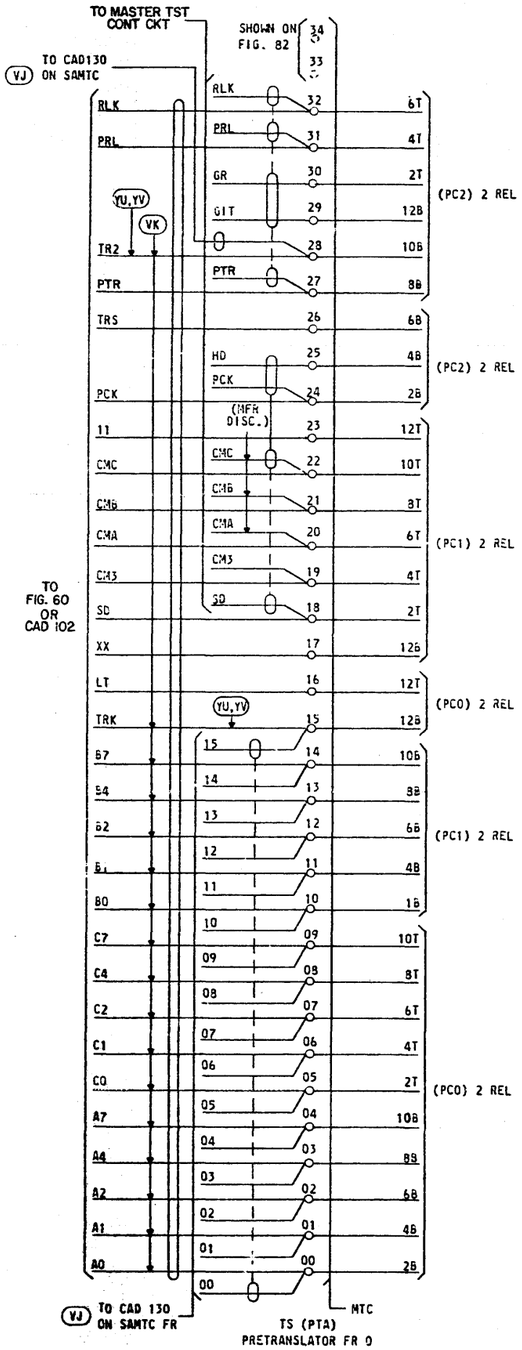
SD-25805-01-G25C

BELL TELEPHONE LABORATORIES INCORPORATED

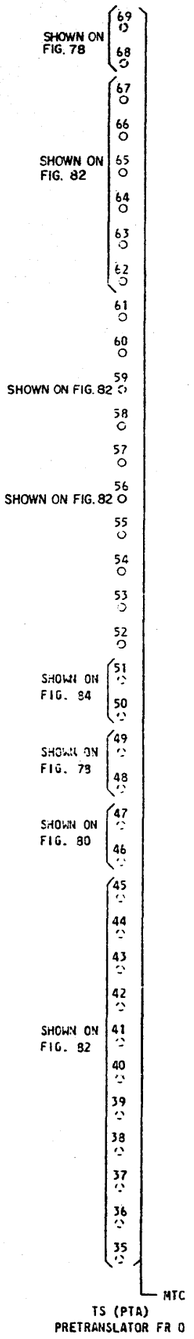
SD-25805-01-G25C

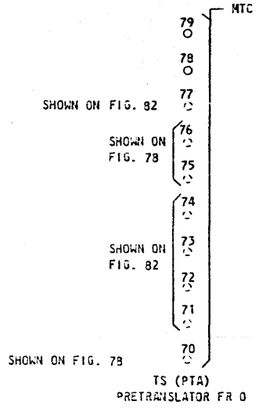
FIG. 83

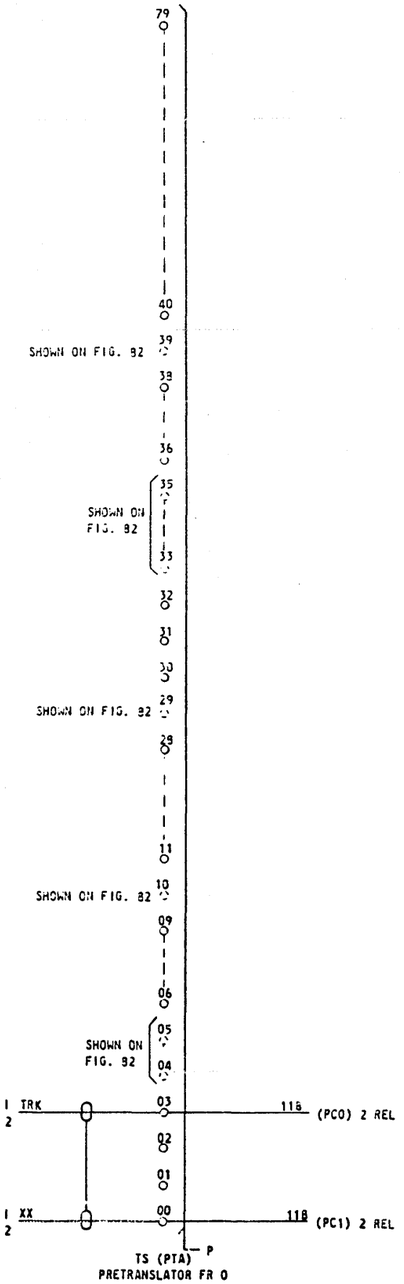
(FOR FIG. 37)
(SEE CAD 149 FOR SWBD
CA TO OFFICE TEST FR)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.







DRAWING ISSUE
83D
70D
71D

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-626A

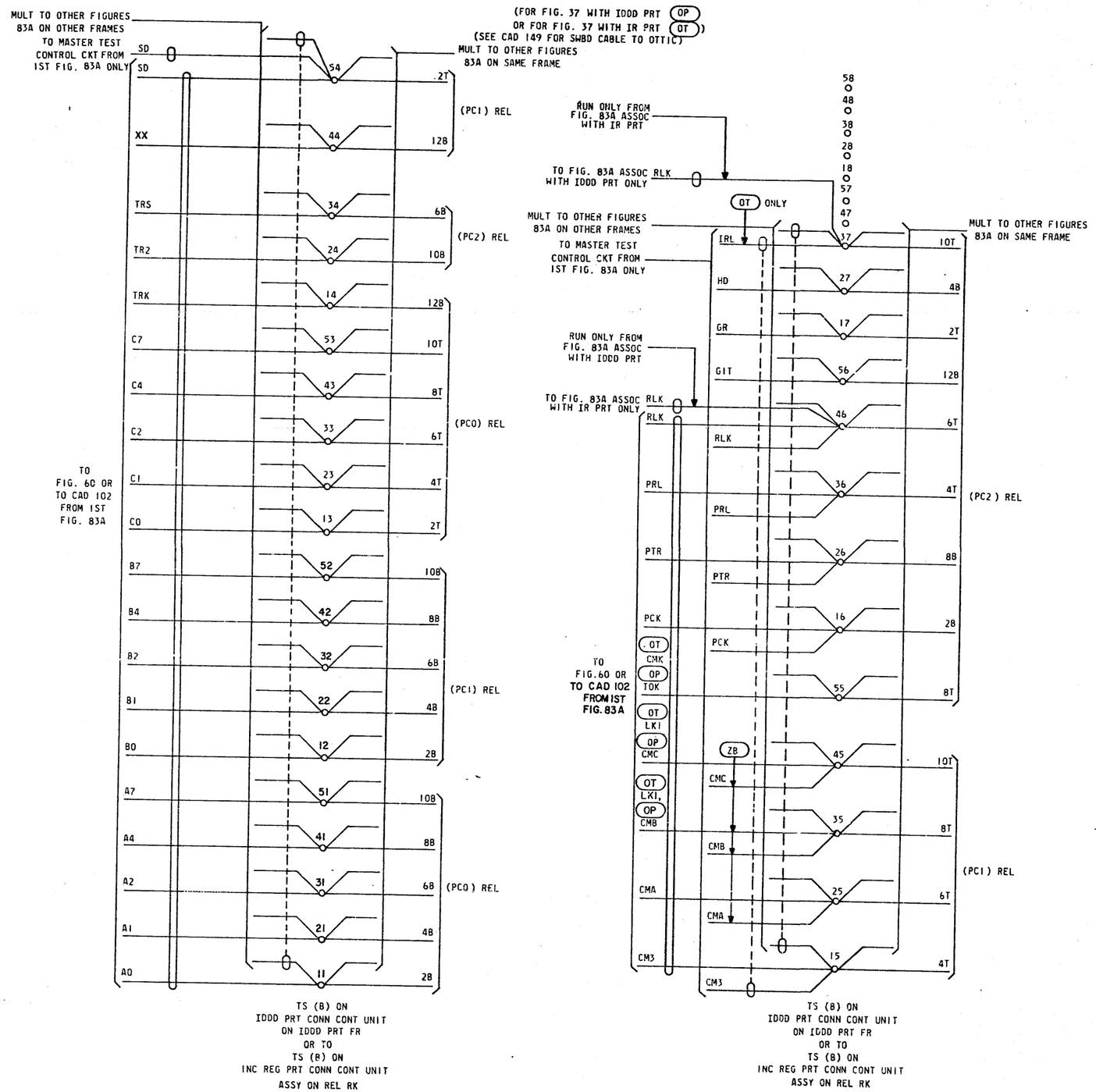
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-626A

STABILO

FIG. 83A



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)

TO FIG. 51 (A&M ONLY) OR TO CAD 102

RP1 — 51 — MTC 6T (RP1) REL

RP — 50 — 6T (RP) REL

TS (PTA) PRETRANSLATOR FR 0

FIG. 85 (A&M ONLY)
(FOR FIG. 9)
SEE TABLE 3 FOR LEAD DESIG

TO DIAL TONE MARKER CKT

59 0 (T3) REL

59 0 (T2) REL

59 0 (C5) REL

59 0 (C4) REL

TO SUPL DIAL TONE MARKER CKT (WS REL MARKERS ONLY)

54 50 44 40 34 30 24 20 14 10 4 0 (B6) REL

TO DIAL TONE MARKER CKT

59 0 (B4) REL

59 0 (A8) REL

59 0 (A7) REL

59 0 (A6) REL

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

TS (C4) ADJ TO MULTI-CONTACT REL (C4) 0 — TS (C4) ADJ TO MULTI-CONTACT REL (C4) 5 — BARE WIRE MULT TO (C4) REL

TO FIG.90

TS (B6) ADJ TO MULTI-CONTACT REL (B6) 0 — TS (B6) ADJ TO MULTI-CONTACT REL (B6) 5 — BARE WIRE MULT TO (B6) REL

TO CAD 111 G65

BO(59) BO(30) BO(28) BO(27) BO(25) BO(20) BO(18) BO(0)

OF RCA — IF VG10

TS (B4) ADJ TO MULTI-CONTACT REL (B4) 0 — TS (B4) ADJ TO MULTI-CONTACT REL (B4) 5 — BARE WIRE MULT TO A8 REL

TO FIG.90

UI — ES4 ES3 ES2

TO CAD 111 ON SAMTC

XVGB — OG XCW

TO FIG 90

CWF CWK — OG

TS (A8) ADJ TO MULTI-CONTACT REL (A8) 0 — TS (A8) ADJ TO MULTI-CONTACT REL (A8) 5

TO FIG. 59 — LOLL — PN

QA

TO FIG.90

TS (A7) ADJ TO MULTI-CONTACT REL (A7) 0 — TS (A7) ADJ TO MULTI-CONTACT REL (A7) 5 — BARE WIRE MULT TO (A7) REL

TO FIG. 60 — S40

TO FIG.90

PR

BARE WIRE MULT TO (A6) REL

TO CAD 111 ON SAMTC FR — E50 E51

TS (A6) ADJ TO MULTICONTACT REL (A6) 0 — TS (A6) ADJ TO MULTICONTACT REL (A6) 5

MFR DISC

TO CAD 34 ON MTC UNIT ON COMPL MKR 4-WIRE FR 0 — 31 30 0 0 1

TO CAD 143

BARE WIRE MULT TO (T2) REL

MLFA RT3 RCY RT2 RT1 RTO TSM OC1 CKG2

TO FIG. 90

TS (T2) ADJ TO MULTI-CONTACT REL (T2) 0 — TS (T2) ADJ TO MULTI-CONTACT REL (T2) 5 — BARE WIRE MULT TO (C5) REL

TO MASTER TST CONT CKT

TS (C5) ADJ TO MULTI-CONTACT REL (C5) 0 — TS (C5) ADJ TO MULTI-CONTACT REL (C5) 5

DRAWING ISSUE
64D JWM
88D
70D
75D

ISSUE 93A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G27

BELL TELEPHONE LABORATORIES INCORPORATED — SHEET 6S

SD-25805-01-G27

PART OF FIG. 86 (A&M ONLY)

(FOR FIG. 9)

SEE TABLE 3 OR 3B FOR LEAD DESIG

BARE WIRE MULT TO (T3) REL

TO FIG. 90

TO MASTER TST CONT CKT

TVFT4, TVFTO, TVGTH, TVGTO

59, 20, 19, 15, 14, 12, 11, 0

TS (T3) ADJ TO MULTI-CONTACT REL (T3) 0

TS (T3) ADJ TO MULTI-CONTACT REL (T3) 5

FIG. 87 (A&M ONLY)

(FOR FIG. 4 OR 5, 6 & 41)

(FOR DIAL TONE MARKERS)

OG

TO L, LL & C OR LLC CKT: DTM-, TRC-

TO LLMC CKT VIA DTM CKT: CNG, FRG — CNG 3B, FRG 1B — (MKA2) REL

TO TLC CKT VIA DTM CKT: TST, TRA — TST 2T, TRA 10T — (MKB2) REL

TO DTM CKT: RCCK, TRB, MKA — RCCK 6T, TRB 3T, MKA 12T — (MKA2) REL

TO FIG. 106: MKA2(-), MKB2(-), MKB — MKB 12T — (MKB2) REL

TO DTM CKT: MB, MIT, MT, TRST, CI — MB 6T, MIT 4T, MT 4B, TRST 4B, CI 1T — (MPR) REL

TO MASTER TST CONT CKT: MKT0-5 — MKT 10T — (MKT1) REL

TO MTF JK, LP & KEY CKT: TRB1(0-5) — TRB1(1) 2T — (MKA2) REL

TO FIG. 93 OR FIG. 74 ON MTC: TRB1, TRB — TRB1(2) 2T — (MKT1) REL

VF

TO LIT CONT CKT: MKT

TO FIG. 89 ON MTC: DRO, 1, 2, 3, 4 OR 5; DRTO, 1, 2, 3, 4 OR 5 — DR 7T, 4T; DRT 9T, 6T — (MK82) REL

XT, XS

TO DTM CKT: RON — RON

TO FIG. 51 ON MTC: RON

TO DTM CKT: MG — MG 11B — (MK82) REL

TS (MKR) ON MTC FOR DTM

FIG. 88 (A&M ONLY)

(FOR FIG. 2, 4, 6, 31, 41 & 43)

JW

TO FIG. 106

TO FIG. 88 ON MTC

OP6, CIA(1), OP(1), CIA, OP, MTL(1), MTL

55 3T, 54 1B — (MPR) REL

53 2T, 52 3B — (MPR) 0 REL

51 3T — (MKT1) 5 REL

50 1T — (MKT1) 0 REL

LOOP LEADS AT POS OF UNEQUIPPED REL A&M ONLY

MTR, TST, CI, CO, TO, T1, ONL, STR, CIC, STG, TRA, TCL, CIT, TM, CIB

44 4T — (MKA2) 5 REL

43 1T, 42 6B, 41 10B, 40 6B, 39 4B — (MKB2) 5 REL

E

39 3T, 9T; 37 5T, 10T

36 6B — (MXT1) 5 REL

35 9T, 34 11T — (MKA2) 5 REL

33 5B, 32 9B, 31 5T, 30 9T — (MKT1) 5 REL

TST (MISC) ON MTC FOR DTM

XT, XS

TO FIG. 74 ON MTC

FIG. 88 (A&M ONLY)

(FOR FIG. 2, 4, 6, 31, 41 & 43)

TO FIG. 87 ON MTC FOR DTM: MTL(1), MTL

803, 802, 801, 800

9T (MTP1) REL

5T (MTP) REL

LP: STRAP WHEN MTC FOR DTM IS NOT REQ

TO LAST FIG. 62 ON SMTC: MTL(1)

TO 1ST FIG. 62 ON SMTC: MTL

STRAP WHEN SMTC IS NOT REQD TO 6TH FIG. 53

STRAP WHEN THE AMTC IS NOT REQD

TO CAD 30 ON MTF CONT & PREF REL UNIT FOR ANI TV

799, 798, 796, 795, 794, 793, 792, 791, 790

L GRD — TO 1ST FIG. 53

4T (RTST) REL

TO CAD 51: OP

TO FIG. 63 ON AMTC OR (VO) TO CAD 129 ON SAMTC OR TO FIG. 103: OP

MFR DISC.

13, 33 — (LIT) REL

TO FIG. 80 ON PRT FR OR LAST FIG. 82A OR CAD 51 WHEN LIT DIRECTORY NO. PRINTOUT IS PROVIDED: OP

STRAP WHEN PRT ARE NOT REQD

TO FIG 78 OR FIRST FIG 82A TO CAD 161: REP

LOOP LEADS AT POS OF UNEQUIPPED (LIT) REL

TO FIG. 87 ON MTC FOR DTM: OP(1), OP

STRAP WHEN MTC FOR DTM IS NOT REQ

TO LAST FIG. 62 ON SMTC: OP(1)

TO 1ST FIG. 62 ON SMTC: OP

STRAP WHEN SMTC IS NOT REQD TO 6TH FIG. 53 OR CAD 51 WHEN LIT DIRECTORY NUMBE PRINTOUT IS PROVIDED

CIA(3) (VO)

TO FIG. 63 ON AMTC OR (VO) TO CAD 129 ON SAMTC OR TO FIG. 103: CIA(3), CIA

LOOP LEADS AT POS OF UNEQUIPPED (LIT) REL

MFR DISC. — 3T, 2T — (LIT) REL

TO FIG. 80 ON PRT FR OR LAST FIG. 82A OR CAD 51 WHEN LIT DIRECTORY NUMBER PRINTOUT IS PRINTOUT: CIA

STRAP WHEN PRT ARE NOT REQD

TO FIG. 75 OR FIRST FIG. 82A: CIA

TO FIG. 87 ON MTC FOR DTM: CIA(1), CIA

STRAP WHEN MTC FOR DTM IS NOT REQD

TO LAST FIG. 62 ON SMTC: CIA(1)

STRAP WHEN SMTC IS NOT REQD

TO 1ST FIG. 62 ON SMTC: CIA

TO 6TH FIG. 53 OR CAD 51 WHEN LIT DIRECTORY NUMBER PRINTOUT IS PROVIDED

TS (MISC) ON MTC

DRAWING ISSUE

43D	CLR, CLR, JW
53AR	FLR, JW, AMP
62D	JK
70D	
71D	
75D	

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

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6S

STABILO

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 DR9 959 DR9 DR9
DRO 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
DR 947 DR9
TO FIG.73 ON 2ND SUPL MASTER TEST CONN FR

DR 946 DR8
DR 945 DR7
DR 944 DR6
TO FIG.73 ON 1ST SUPL MASTER TEST CONN FR

DR 943 DR 6TH
DR 942 DR 5TH
DR 941 DR 4TH
DR 940 DR 3RD
TO FIG.53

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
912 DRT5
911 DRT4
910 DRT3
909 DRT2
908 DRT1
907 DRTO
906 DRT11
905 DRT10
904 DRT9
903 DRT8
902 DRT7
901 DRT6
900 DRTO TO FIG.60

TO FIG.87 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

TO FIG.73 ON 2ND SUPL MASTER TEST CONN FR

TO FIG.73 ON 1ST SUPL MASTER TEST CONN FR

INTERCONNECT THE "DRT" LEADS SO THAT MARKERS M0-M9 ARE ASSOCIATED WITH "DRTO" AND MARKERS M10 AND M11 ARE ASSOCIATED WITH "DRT1"

SEE NOTE 204

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

45 TG5
44 TG4
43 TG3
42 TG2
41 TG1
40 TGO
39 CY
38 RCY
37 SNK
36 FM
30 TBO
28 VTK1
11 XLH
9 CN
WN JXP1
7 LM CNE
6 LK
5 RK
4 TK
2 DCT1
0 LXP1

SHOWN ON FIG. 59

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(AO) ADJ TO MULTI-CONT REL(AO)5

SEE TABLE 3 FOR LEAD DESIG

OG 54 CWK
47 YPA
5 ROA
TS(A4) ADJ WN TO MULTI-CONT REL(A4)5

SHOWN ON FIG. 59

49 XSL
UL
46 XTC1
45 XTC
43 XTRL
42 XBT
41 XTRK
39 XTG1
38 XTS1
37 XFG
35 XCH
34 XLS

TO FIG.86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

SHOWN ON FIG. 59

UL
30 XLV
29 XVGA
28 XJB
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 / 0

TS(C1) ADJ TO MULTI-CONT REL(C1)5

SHOWN ON FIG.59 — 56 / 40

SHOWN ON FIG.59 — 38 / 0

TS(CO) ADJ TO MULTI-CONT REL(CO)5

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 — OG 59 / 29 / 28 CWF / 27 / 25 / 20 / 19 VGIO / 18 / 0

TS(BO) ADJ TO MULTI-CONT REL(BO)5

TO FIG.86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

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

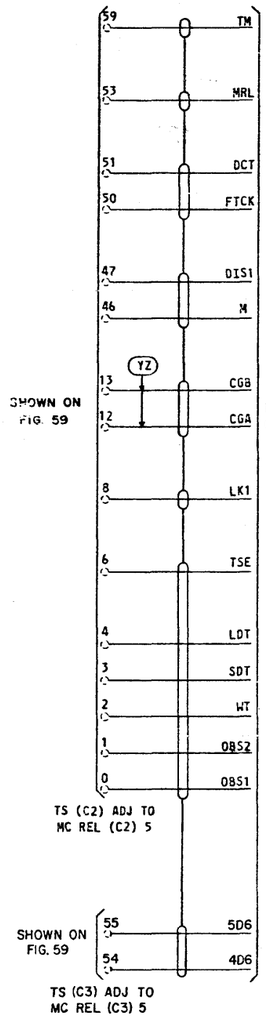
TO FIG.86 ON MASTER TEST CONN FR FOR DIAL TONE MARKERS

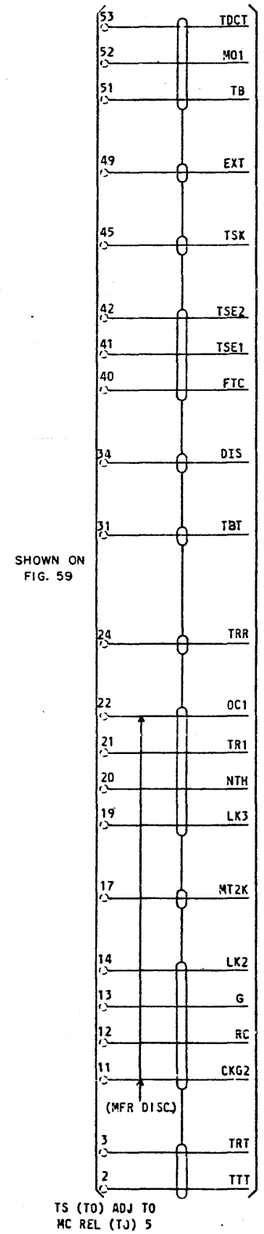
DRAWING ISSUE
#3D PEC PLL RLP
#8D LM RLP
#6D NPS
6BD
7OD
75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
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SIZE 6S

PART OF FIG. 90 (A&M ONLY)
(FOR FIG. 9)
(FOR CONN TO DMTC)





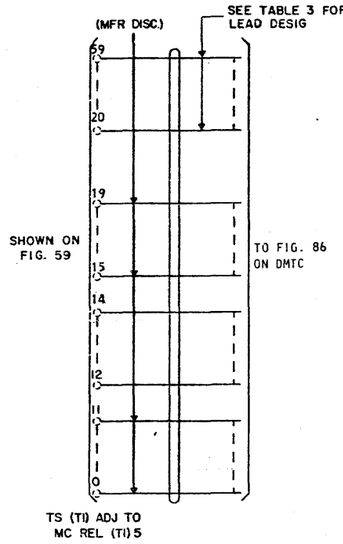


FIG. 91 (A&M ONLY)
(FOR FIG. 10)

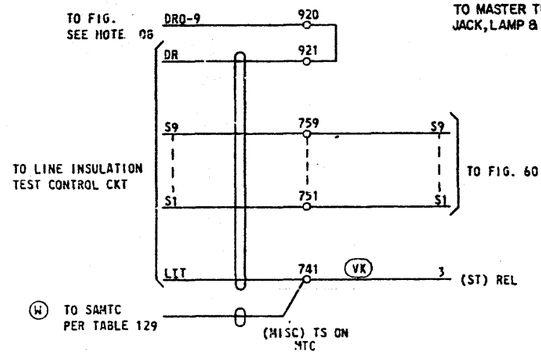


FIG. 92 (A&M ONLY)
(FOR FIG. 7,39 & 40)

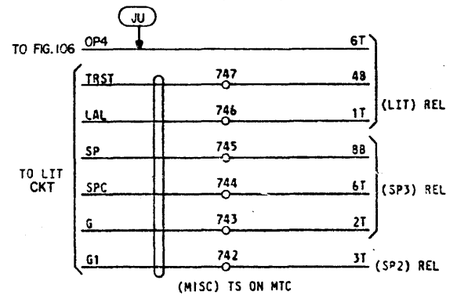


FIG. 93 (A&M ONLY)
(FOR FIG. 181 & 182)

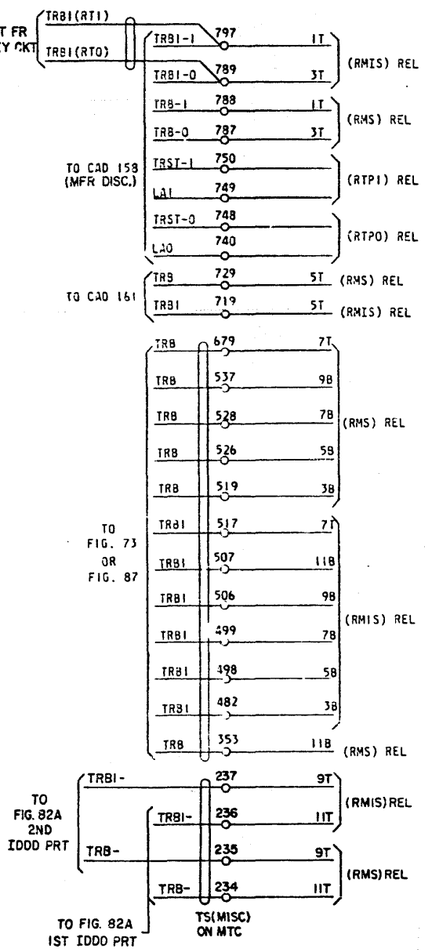
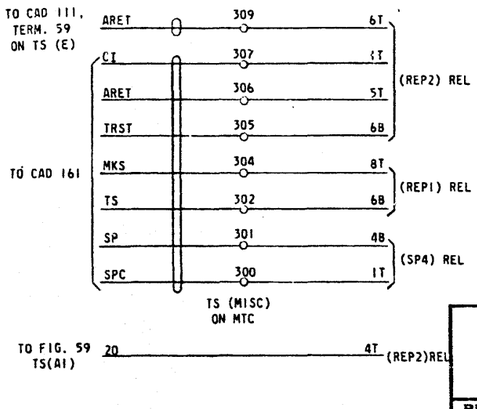


FIG. 94 (A&M ONLY)
(FOR FIG. 183 & 184)



NOTES:
1. FOR LEGEND OF EQUIPMENT DESIGNATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 KEE CLL LM2
620 JLF
640 RJF
680
700
710
750

ISSUE 91A

MASTER TEST FRAME CONNECTOR CKT (2)
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(08) FIG. 95 (A&M ONLY)

SWITCHBOARD CABLE FROM MTC TO STUCK SENDER TRUNK IDENTIFIER

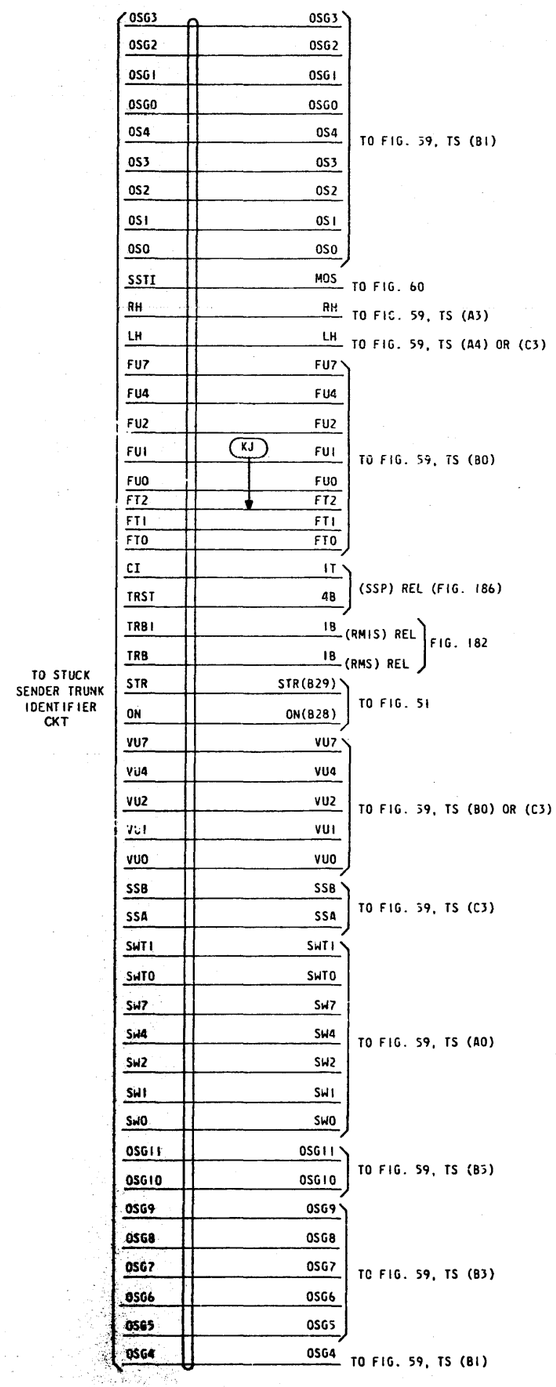


FIG. 96 (A&M ONLY)

SWITCHBOARD CABLING TO CALL WAITING LINE FRAME

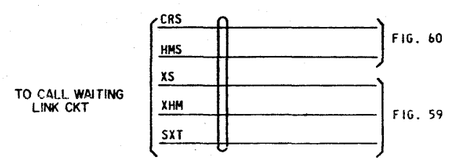


FIG. 97 (A&M ONLY)

(FOR FIG. 197)
1 PER CONN

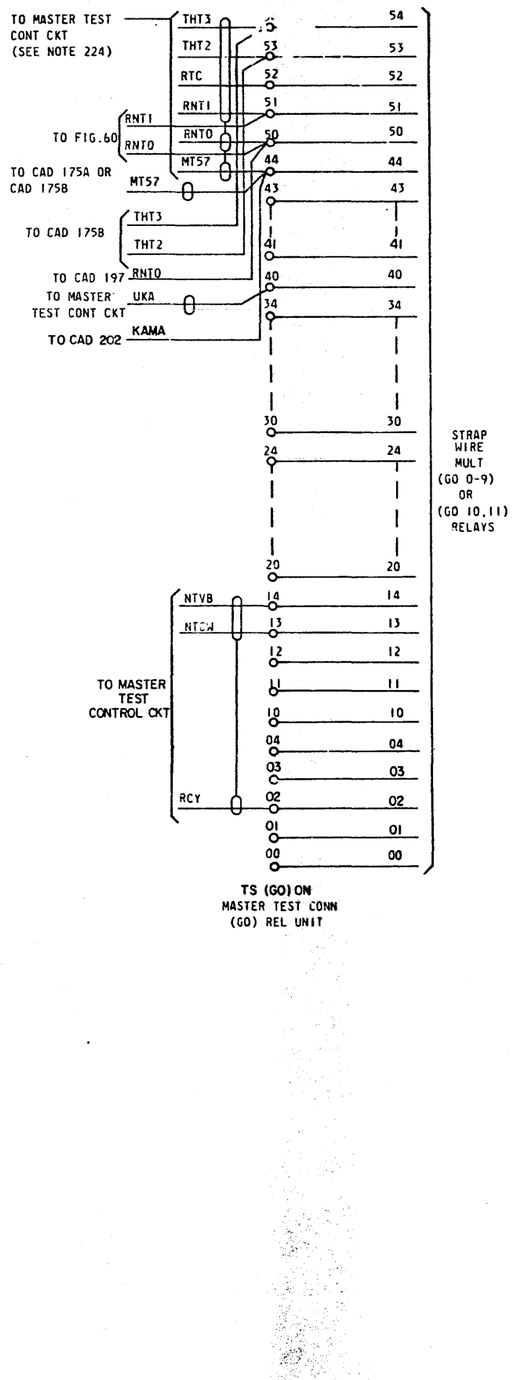
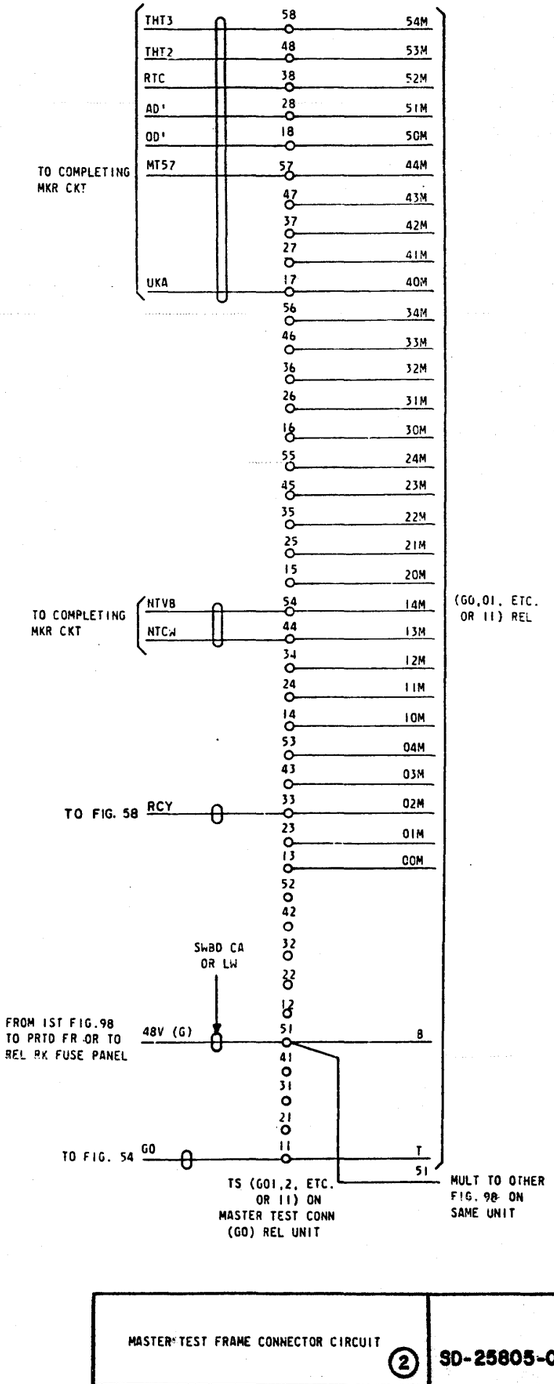


FIG. 98 (A&M ONLY)

(FOR FIG 197)
1 PER COMP MKR



DRAWING ISSUE
68D
70D
73D

ISSUE 9A

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

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BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 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

RC 13T
TRCA 1B
TRCB 3B (RC) REL
TRCC 5B
TRB 9B
RCCK 3B (RCR) REL
TRST 4B (RPR) REL

OF 3RD CKT ON UNIT

TO ASSOC RCDR & RCDR CONN CKT OR TO ASSOC TRUNK CONT CKT

OF 2ND CKT ON UNIT

OF IST CKT ON UNIT

TRBI 8B (RC) REL OF 3RD CKT ON UNIT
TRBI 8B (RC) REL OF 2ND CKT ON UNIT
TRBI 8B (RC) REL OF IST CKT ON UNIT

TO MASTER TEST CONT CKT

TO TS (B) IN SAME FIG. 99

TS (A) ON CONT AND PREF RELAY UNIT FOR AMA RCDRS OR TRUNK CONT UNITS ON AUX MTC

LOOP AT UNOCC. D UNIT POSITION

TO FIG. 64 — REC 4T (RCR) REL; STGA 7T

TO FIG. 63 FOR PAPER TAPE AMA OR TO FIG. 67 FOR MAMA — ON 11T (RC) REL; STR 6T (RCR) REL

OF 3RD CKT ON UNIT

6T (RC) REL OF 2ND CKT ON UNIT
6T (RC) REL OF 2ND CKT ON UNIT

STRAP ON IST & 3RD UNIT
STRAP ON 2ND UNIT

TO FIG. 77 — RTE; RTO — MULT TO OTHER FIG. 99

LOOP AT UNOCCUPIED POSITION

6T (RC) REL OF IST CKT ON UNIT

TO SUCC FIG. 99 — OP, OP(1), C1, C1(1) — 6T (RPR) REL OF 3RD CKT ON UNIT

TO FIG. 68 — 3T

TO PREC FIG. 99 — OP, OP, C1, C1 — 38 (RPR) REL OF IST CKT ON UNIT

TO FIG. 64 — 2T

LOOP AT UNOCCUPIED UNIT POSITION

TO FIG. 63 OR TO FIG. 64 — CO, CTA — 4T (RPR) REL OF 3RD CKT ON UNIT

RUN ON LAST FIG. 99 ONLY — 5T MULT TO OTHER FIG. 99; RUN ON IST FIG. 99 ONLY

TS (B) ON CONT AND PREF RELAY UNIT FOR AMA RCDRS OR TRUNK CONT UNITS ON AUX MTC

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

TRB 43
TRB 33
TRB 23
TRBI 18
TRBI 17
TRBI 16

TO TS (A) IN SAME FIG. 99

TO FIG. 100 FOR PAPER TAPE AMA OR TO CAD 25 FOR MAMA

RNTI — TO FIG. 64 — RUN ON IST UNIT ONLY

8T (RC) REL OF 3RD CKT ON UNIT.
8T (RC) REL MULT IST AND 2ND CIRCUITS ON UNIT

MULT TO OTHER FIG. 99

5B (RCR) REL OF 3RD CKT ON UNIT

TO FUSE PAN. ON FR — R — 7B (RCR) REL OF 3RD CKT ON UNIT

TO GRD BAR ON FR — U — 6B (RCR) REL OF 2ND CKT ON UNIT; 6B (RCR) REL OF IST CKT ON UNIT

3T (RCR) REL OF 3RD CKT ON UNIT
3T (RCR) REL OF 2ND CKT ON UNIT
3T (RCR) REL OF IST CKT ON UNIT

TO FIG. 64 — DRA (3,6, OR 9); DRA (2,5, OR 8); DRA (1,4, OR 7)

MULT DRA- LEADS FOR CIRCUITS WITH SAME UNITS DIGIT 1 & 11,2 & 12,TO 9 & 19

1T (RCR) REL OF 3RD CKT ON UNIT
1T (RCR) REL OF 2ND CKT ON UNIT
1T (RCR) REL OF IST CKT ON UNIT

TO FIG. 65 — DR(3,6, OR 9); DR(2,5, OR 8); DR(1,4, OR 7)

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 GIA.

DRAWING ISSUE 73D

ISSUE 84A

MASTER TEST FRAME CONNECTOR CKT

(2)

SD-25805-01-G30C

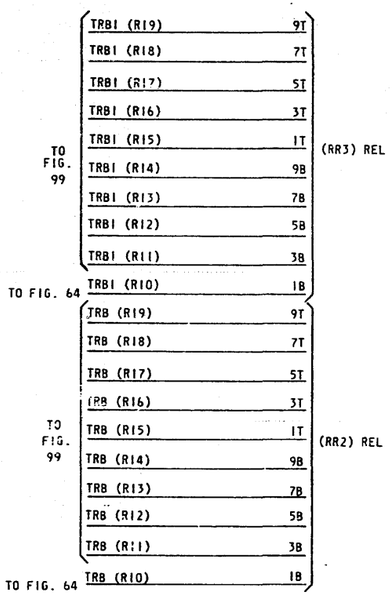
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G30C

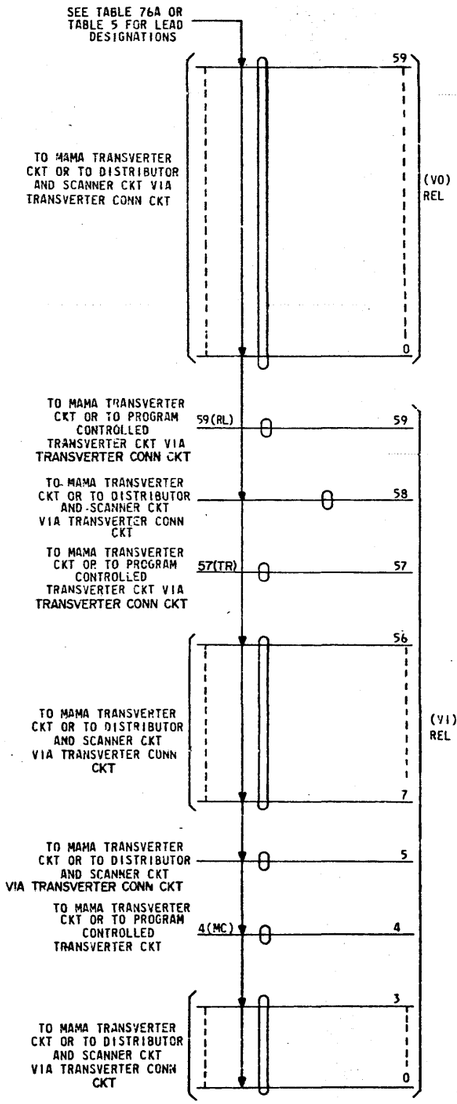
(ND) FIG. 100

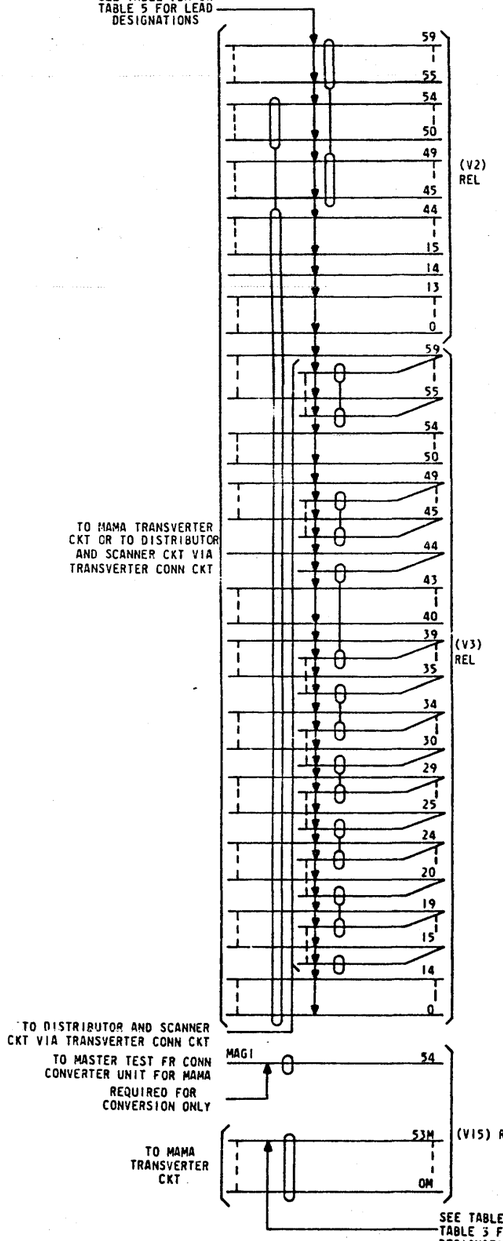
(FOR FIG. 22 ["WD" OPTION ONLY])
FOR PAPER TAPE AMA REC ONLY



PART OF FIG. 101 (A&M ONLY)

(FOR FIG. 26 & 158)
FOR MAGNETIC TAPE AMA RECORDING





DRAWING ISSUE 730

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT (2)

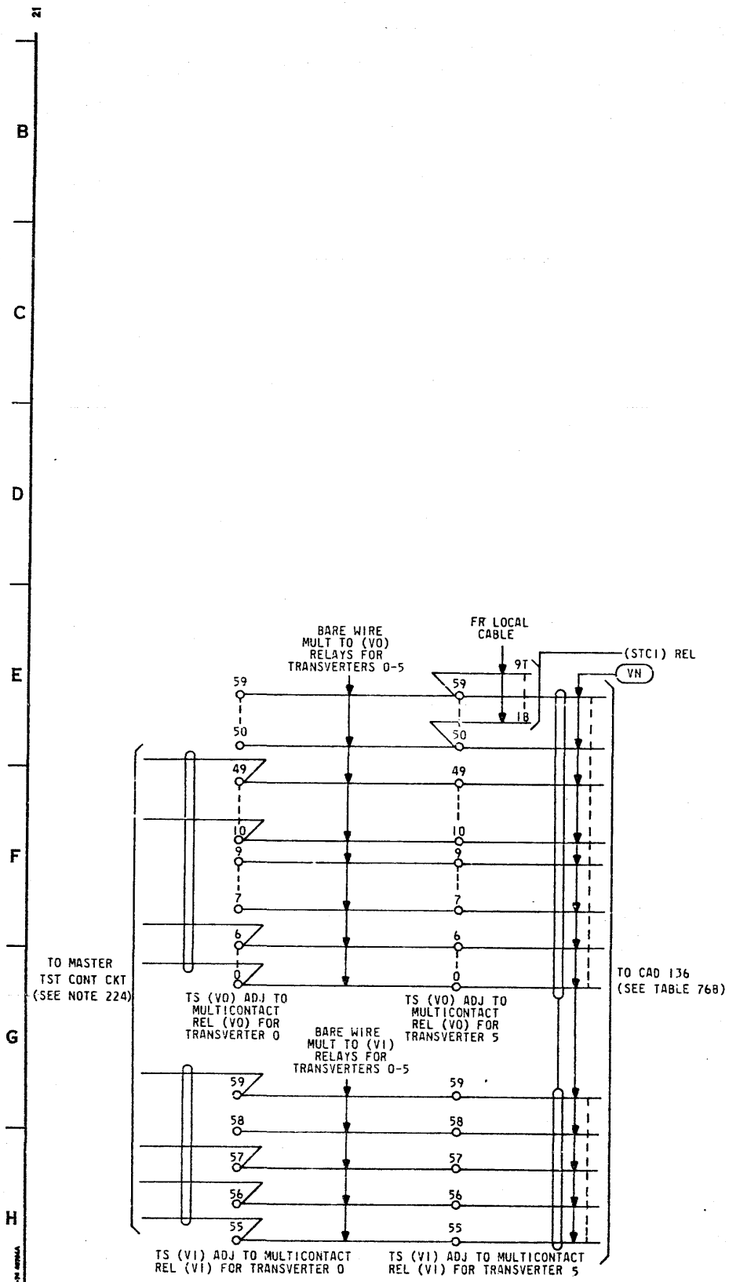
SD-25805-01-630D

BELL TELEPHONE LABORATORIES INCORPORATED 6S

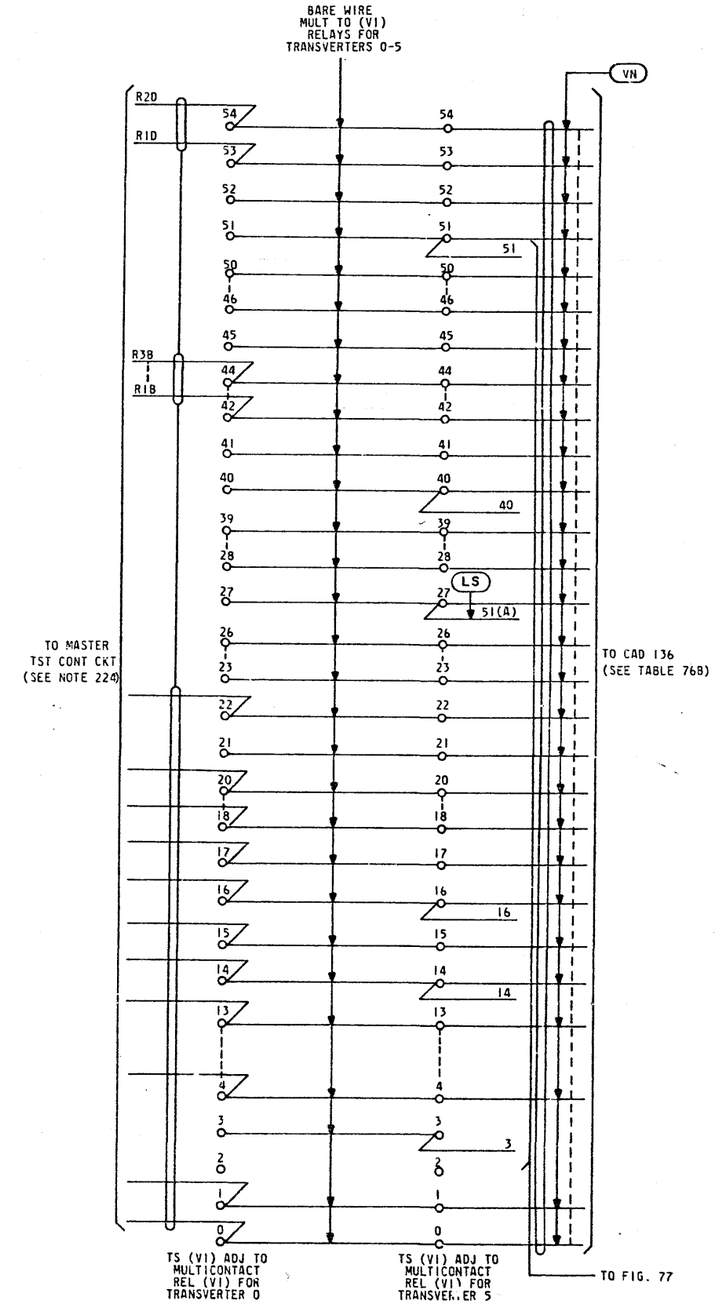
SD-25805-01-630D

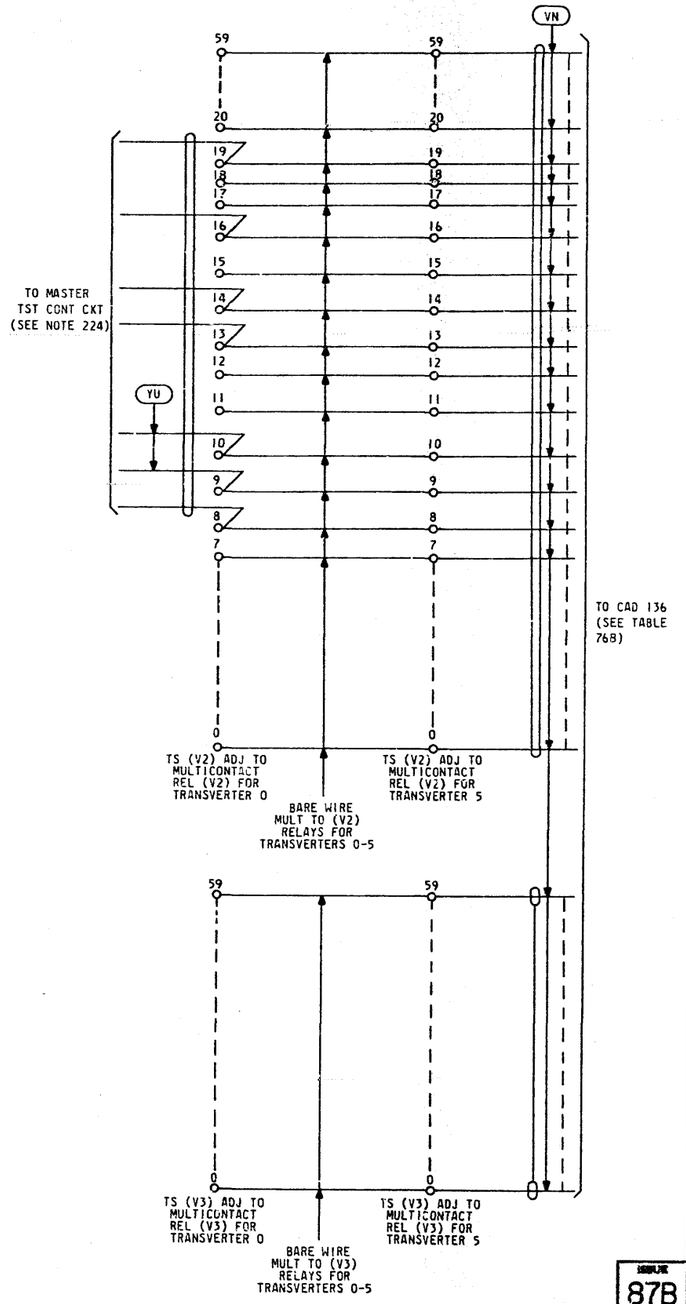
PART OF FIG. 101 (A&M ONLY)

(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

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6S

SD-25805-01-G30E

PART OF FIG. 101 (A&M ONLY)

FOR MAGNETIC TAPE AMA RCDR

FOR FIG. 26 & 158

TO MTC

54
50
44
43
SA 42
NSP 41
40
R3A 34
R2A 33
R1A 32
31
30
R3C 24
R1C 22
RNTI 21
RNTO 20
RST19 14
RST15 10
RST14 04
RST10 00

TO CAD 136 (SEE TABLE 76B)

SEE TABLE 5D FOR LEAD DESIG

VN

TO MASTER TST CONT CKT

TO FIG. 60

9T
1T
9B
1B
FR LC

BARE WIRE MULT TO (V4) RELAYS FOR MAMA TRANSVERTERS 0-5

TO (STC3) REL

TS (V4) ADJ TO MULTICONTACT REL (V4) FOR TRANSVERTER 0

TO MAMA TRANSVERTER CKT

59
(WO) REL
00

SEE TABLE 76A OR TABLE 5 FOR LEAD DESIG

59 55
50 50
49 49
48 48
38 38
37 37
36 36
29 29
28 28
27 27
25 25
20 20
19 19
18 18
17 17
10 10
9 9
0 0

TO CAD 136 (SEE TABLE 76B)

TO MASTER TEST CONT CKT

RST29
RST20

TO CAD 17

TS (WO) ADJ TO MULTICONTACT REL (WO) FOR TRANSVERTER 0

TS (WO) ADJ TO MULTICONTACT REL (WO) FOR TRANSVERTER 5

VN
54
53
TO CAD 57

RD
TO FIG. 77

BARE WIRE MULT TO (WO) RELAYS FOR TRANSVERTERS 0-5

SEE TABLE 5D FOR LEAD DESIG

TO TRANSVERTER CONN CKT

54
50
(V4) REL
44
00

TO TRANSVERTER CKT

(FOR FIG.55)
1 PER FRAME
FOR MAGNETIC TAPE AMA RECORDING
SEE TABLE 5F FOR LEAD DESIG

T
TO FRAME GRD BAR

54 54
53 53
53
50 50
50
44 44
44
40 40
40
34 34
34
30 30
30
24 24
24
20 20
20
14 14
14
10 10
10
04 04
04
00 00

TO CAD 186B

TS(V15L) ON AMTC

STRAP WIRE MULT THRU RELAYS 0-5

TO CAD 57

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-030F

BELL TELEPHONE LABORATORIES INCORPORATED

DWG SIZE 6S

PRINTED IN U.S.A.

SD-25805-01-030F

FIG. 102

(FOR FIG. 28)
FOR MAGNETIC TAPE AMA
RECORDING ONLY

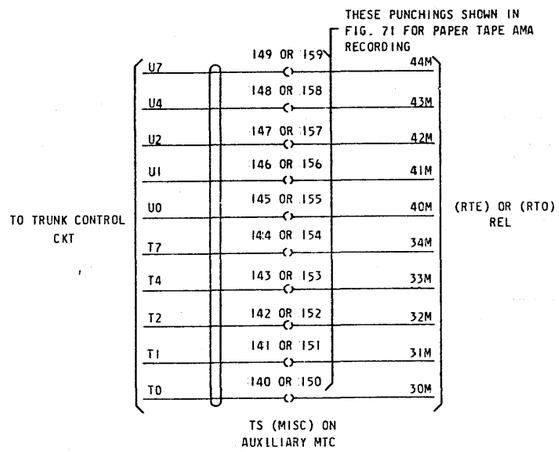


FIG. 103

(FOR FIG. 53)
FOR MAGNETIC TAPE AMA
RECORDING ONLY

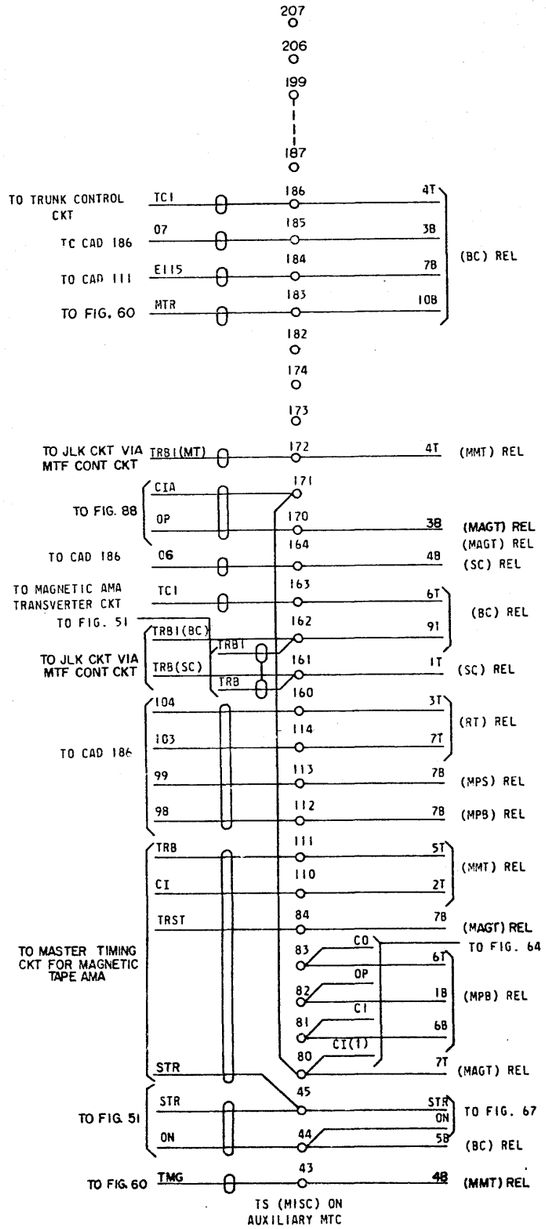
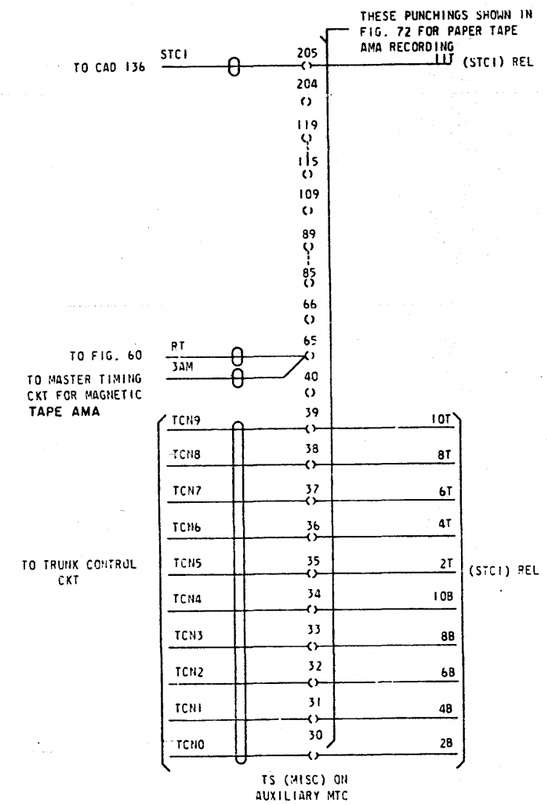


FIG. 104

(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 (2)

SD-25805-01-630G

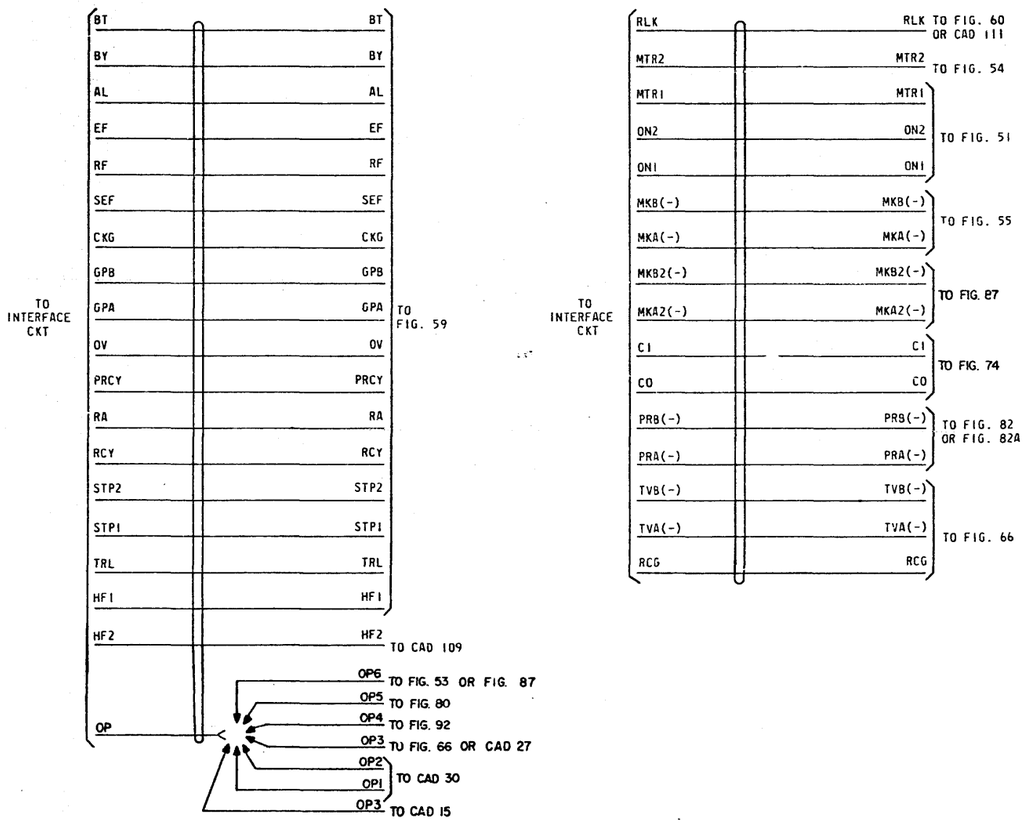
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

PRINTED IN U.S.A.

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

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-G30H

CAD 1

(FOR FIG. 1)

A & M ONLY

CIT 10T (CIT) REL
TM 4B
TI 7B
TO 4B (TS) REL
TCL 9B
CIB 7T
RON (C7) 5T
RON (C6) 3T
RON (C5) 1T
RON (C4) 9B (RON) REL
RON (C3) 7B
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 (D2) 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
TO CAD 3 ONL 7T (ON) REL
STR (JJ) 2B (TRC) REL
TO CAD 221 STR
TO CAD 144 STR
TO CAD 201 MTRI (JG)
TO CAD 218 ON

A&M ONLY

C3 10B
C2 5B
C1 3B
CO 1B
TO CAD 3 CIC 13T (CIC) REL
STG 4T
TRA (TRA) RES
TO CAD 111 E00 (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 CIB 8T (TS) REL
TRB1 1T (ROS) REL
TO CAD 175A OR 175B PR 9T (CIC) REL
TO CAD 102 RP1 7B (ON) REL
RP 13T (RM) REL
MFR DISC. RR 5B
TRB RT 3T (TRC1) REL
TO CAD 101 PR1 10T (CIC) REL
RRI 9B
TRB1 RTI 3T
TO CAD 201 ON1 (JG) (JJ)
TO CAD 221 ON 11T (ON) REL
ON ON
ON ON 10T
TO CAD 101 ON
ON TRB1(2) 5T
TRB1(1) 1T
(OB) TO CAD 48 C5-54 (TM) 7B (CIC) REL
TO CAD 109 C1-51 (SI.) 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 9T (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 E01(TI) 6B (TS) REL
CIL-51(SL) 7T
TO CAD 7 88L-23(SEF) -64 9T (MTR) REL
MKT (C7) 4T
MKT (C6) 2T
MKT (C5) 12B
MKT (C4) 10B
MKT (C3) 8B
MKT (C2) 6B
TO CAD 3 MKT (C1) 4B
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
RON (C8) 1B (RONA) REL
RON (D5) 11B
RON (D4) 9B (RONA) REL
TRB1 (D5) 7T
TRB1 (D4) 11B (RMIS) REL
TRB (D5) 7T
TRB (D4) 11B (RMS) REL
TRB 3B (ON) REL
TO CAD 146 TRB1 9T (ROS) REL
TO CAD 146 OR 195 STR1 5T (TS) REL
TO CAD 146 STR2 2B (ROS) REL
TS 1B (TS) REL
TRC4 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. 2,7,39,43,44,45,47 & 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
TO CAD 3 LTM 8B
LTG 9B (MTP1) REL
TTG 5B
LTA 8B (ATP1) REL
TTA 4B
CP 6T (LVP) REL
TO CAD 1 CIA 3T
STR1 2B (MON) REL
G1 3T (SP2) REL
TO CAD 108 SPC 6T
SP 3B (SP3) REL
G 2T
SPC(C1) 1T
TO CAD 107 SP(C1) 4B (SP1) REL
SPC(C0) 1T
SP(C0) 4B (SP0) REL
TO CAD 105 STR 3B
CI 3T (MON) REL
TO CAD 104 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 MKB1 4B (MTP) REL
TO CAD 162 REP 4T (RTST) REL

RTP2 8B (ATP1)REL
RTP1 9B
RTST 6B (RTST) REL
CIA1 1T
MKS 9T (MTP1) REL
TTG 5B
TG 7B
TO CAD 174 MTL 1B
MTL1A 3B
TTA 4B (ATP1) REL
48V 10B
MTL1 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 CIA(1) CIA1(1) 3T
TO CAD 144 FOR 2ALC WHEN ACD IS NOT PROVIDED CIA1(2) (MTP) REL
TO CAD 51 FOR ACD OP1(1) 1B
TO CAD 144 FOR 2ALC WHEN ACD IS NOT PROVIDED OP1(2)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
43D MT CLK
45D CB A
52D RLP
53AR LM
62D LT
68D
70D
72A
74A B

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G31

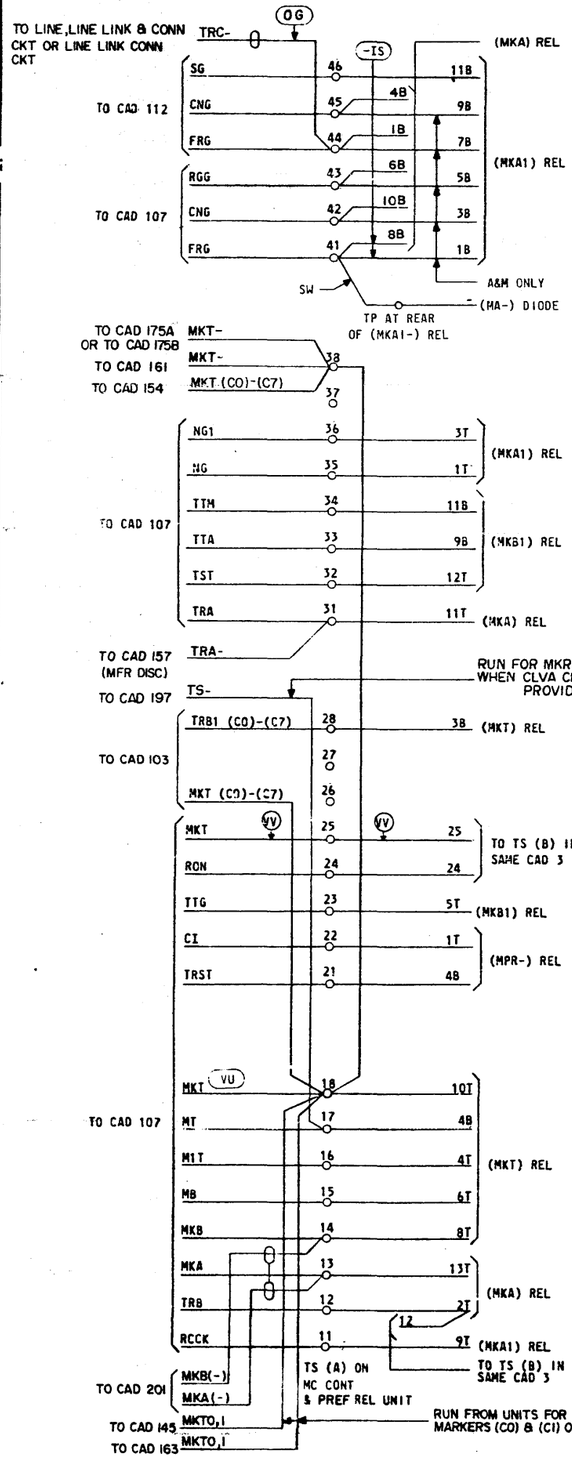
BELL TELEPHONE LABORATORIES INCORPORATED 6S

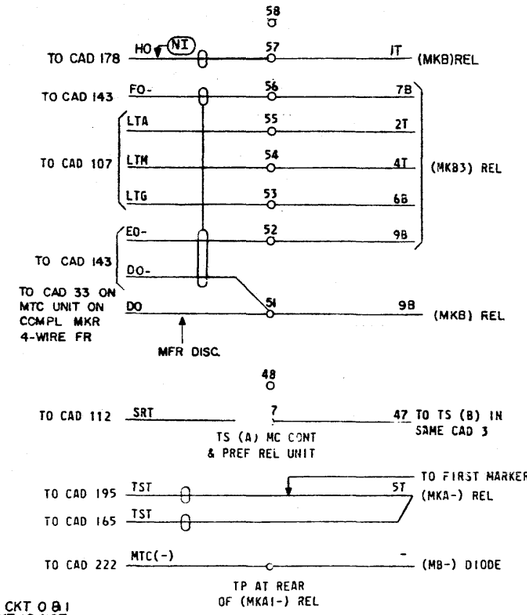
SD-25805-01-G31

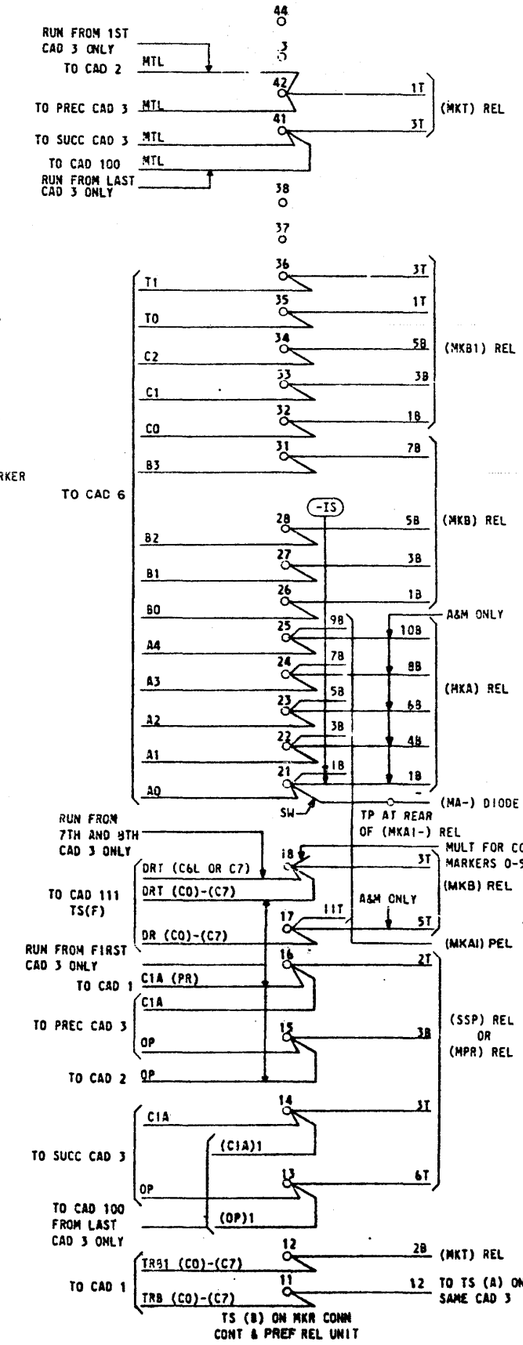
STABILO RAPIDOGRAPH

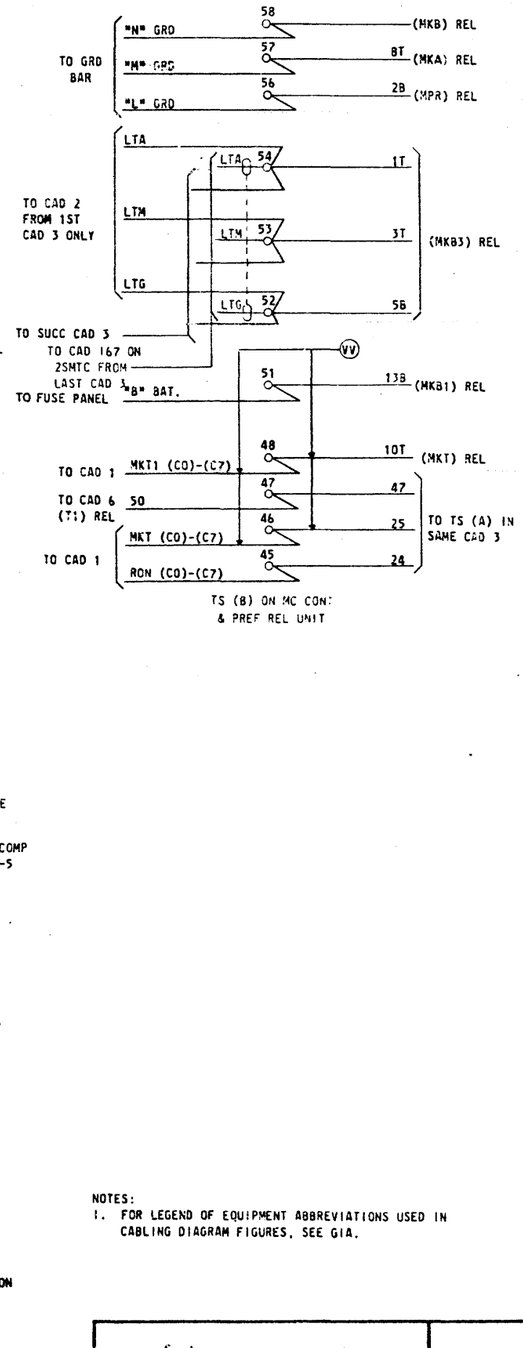
PART OF CAD 3

(FOR FIG. 3,4,6 & 186)
ONE PER COMPL MKR









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	CLW				
45D	EN				
50AC	PEL				
52D	PEL				
62D	LT				
66D	BEN				
68D					
70D					
74A					

ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT . (2) SD-25805-01-G32

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-25805-01-G32

STABILO

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 KCS

TO CAD 104 TO CAD 201 TRA

MTR2

TO CAD 1 MTR

TO CAD 175A OR TO CAD 175B TST

TO CAD 100 TST

JG

JJ

OK

MULT TO OTHER UNITS

KCS 12 9T (MKB3) REL

TRA 11 12T (MKB) REL

MTR 10 7T (MKA) REL

TST 9 11T

C3 8 8B

C2 7 3B

C1 6

C0 5 2B (MKB1) REL

TO CAD 1 TO 4 2T

T1 3 4T

ONL FH 2 7T

STR 1 9T

TO CAD 206 AT12 AT21

TO CAD STR 48 OB

II

TS (D) ON MC CONT & PREF REL UNIT

TTM 12 12B

TTA 11 10B (MKB1) REL

TTG 10 6T

TO CAD 2

9

CIC 8 6B (MKT) REL

STG 7 2B (MKB3) REL

TRA 6 10T (MKA) REL

TCL 5 12T

CIT 4 5B

TM 3 8B (MKT) REL

C1B 2 5T

1 9T

UZ

UX

TO CAD 1

TO CAD 100

RUN ON FIRST CAD 3 ONLY

TS (C) ON MC CONT & PREF REL UNIT

CAD 4

(FOR FIG. 11,12,42,45,157)

TO CAD 7

A3R 34 (CH9) 3T (CH9) REL; 30 (CH5) 3T (CH5) REL

A2R 34 (CH4) 3T (CH4) REL; 30 (CHO) 3T (CHO) REL

A1R 51 (EF) 3B (EF) REL; 50 (RF) 3B (RF) REL; 44 (JC9) 3B (JC9) REL; 40 (JC5) 3B (JC5) REL

A0R 44 (JC4) 3B (JC4) REL; 40 (JCO) 3B (JCO) REL

TO CAD 109

A9 34 (U9) 3B (U9) REL; 30 (U5) 1B (U5) REL

A8 33 (U4) 1B (U4) REL; 30 (UO) 1B (UO) REL

A9 24 (T9) 1B (T9) REL; 20 (T5) 1B (T5) REL

A8 24 (T4) 1B (T4) REL; 20 (TO) 1B (TO) REL

A9 14 (HN9) 1B (HN9) REL; 10 (HN5) 1B (HN5) REL

A8 14 (HN4) 1B (HN4) REL; 10 (HNO) 1B (HNO) REL

A3 31 (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

C3L 41 (EXB); 42 (EXG)

V2 12 (EXB) 3B; 13 (EXG) 3T (EXB) REL

TO CAD 109

B3 42 (PCR) 6T; 43 (PCO) 5B; 44 (PCO1) 4T; 53 (INC) 7B (TCA) REL

B8 23 (SEF) 1B (SEF) REL

C3 41 (EX) 2T (EXB) REL

C1 51 (SL) 1B (SL) REL

TO CAD 7

B3L 42 (PCR) 5T; 43 (PCO) 4B; 44 (PCO1) 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 (UO) 3B (UO) REL

A9R 24 (T9) 3B (T9) REL; 20 (T5) 3B (T5) REL

A8R 24 (T4) 3B (T4) REL; 20 (TO) 3B (TO) 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 CAD 109 (A & M ONLY)

E9 (RG9) 11T; E10 (RG0) 3B

V4-14 9T; V4-13 7T; V4-12 5T; V4-11 3T; V4-10 11B; V4-4 9B; V4-3 7B; V4-2 5B; V4-1 3B; V4-0

TO CAD 111 (RGCO) REL

TO CAD 106 G 1B (RGCO) REL

TO CAD 108 TRST 4B

TO CAD 101 C1A 3T (LIT) REL

TO CAD 5I OP 1B

23 (R023) 10B; 8B; 6B; 4B (RGC2) REL

12T; 10T; 8T; 6T; 4T (RGC1) REL

TO CAD 113

12B; 10B; 8B; 6B; 4B

12T; 10T; 8T; 6T; 4T

00 (RGO) 4B (RGCO) REL

RGC2 13T (RGC2) REL

RGC1 13T (RGC1) REL

RGCO 13T (RGCO) REL

TO CAD 102 OR CAD 5I C1A 2T; OP 3B (LIT) REL

TO CAD 102 RGG1(3) 2B (RGC1) REL

RGG1(2) 2T; RGG1(1) 2B (RGCO) REL

E09 (RG23) 9B; 7B; 5B; E06 (RG20) 3B (RGC2) REL

E39 (RG19) 11T; V9-14 9T; V9-13 7T; V9-12 5T; V9-11 3T; V9-10 11B; V9-4 9B; V9-3 7B; V9-2 5B; V9-1; V9-0; E30 (RG10) 3B (RGC1) REL

TO CAD 111

TO CAD 109

OT

TO CAD 102 RGGI(7) 2T; RGGI(6) 2B (RGGI) REL (RGC2) REL; RGGI(5) 2T

TO CAD 201 QP4 6T (LIT) REL

JU

DRAWING ISSUE

43D; 45D; 52D; 69D; 70D; 72A; 73D; 74A

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAMS, SEE G1A.

ISSUE 97A

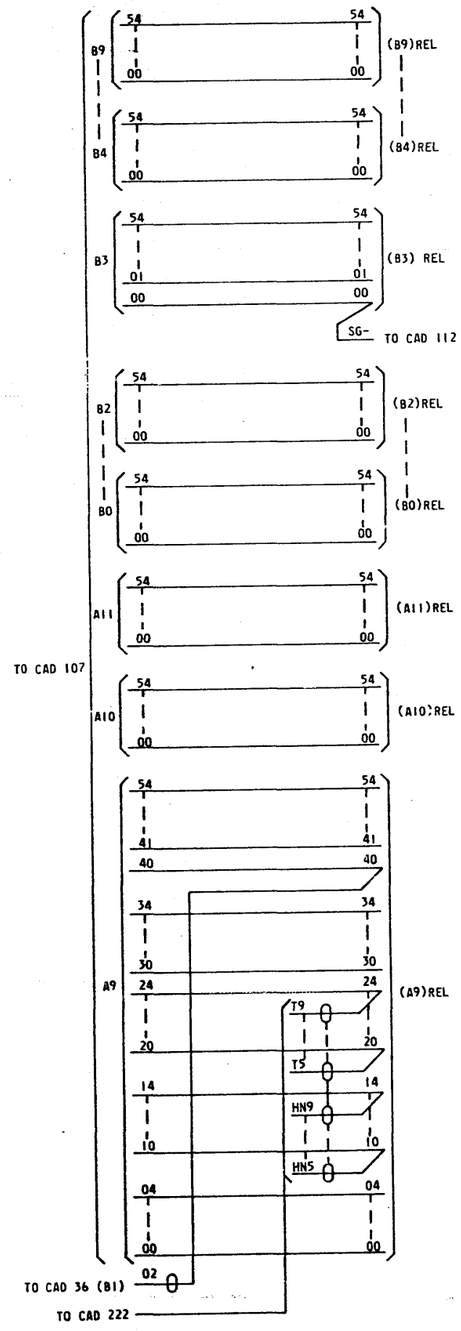
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G33A

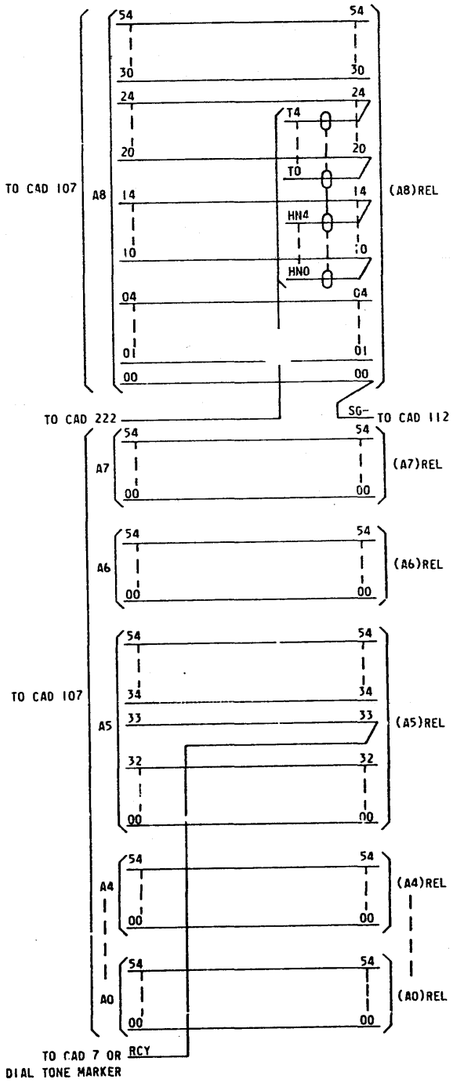
BELL TELEPHONE LABORATORIES INCORPORATED 6S

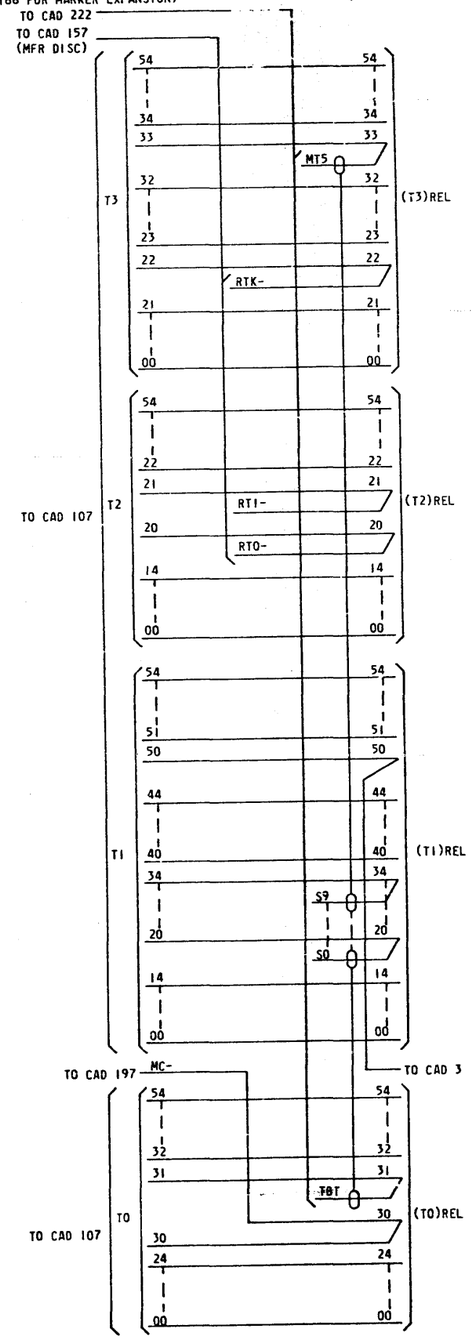
STABILO

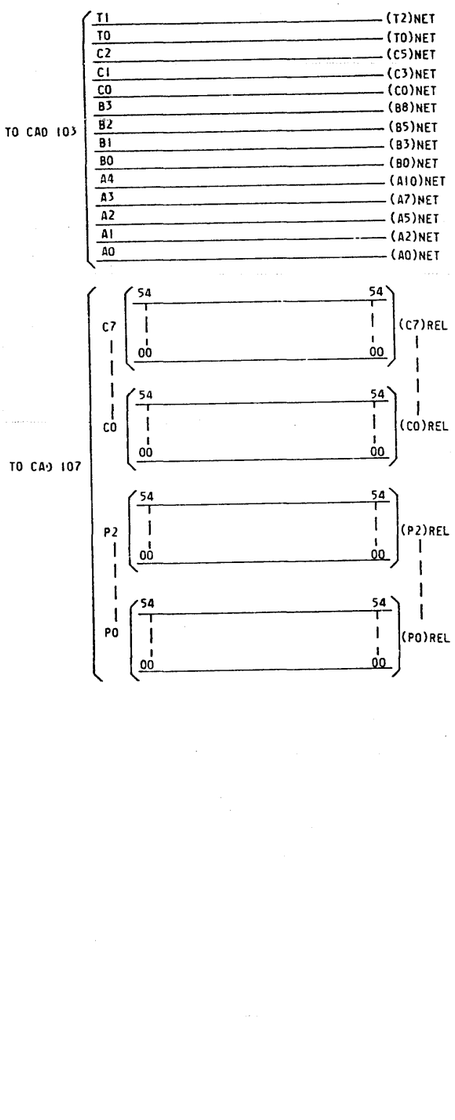
CAD 6

(FOR APP FIG 150 CONTACT SIDE)
ONE PER COMPLETING MARKER SEE TABLE 2A
FOR LEAD DESIGNATIONS (SEE CAD 168 FOR MARKER EXPANSION)





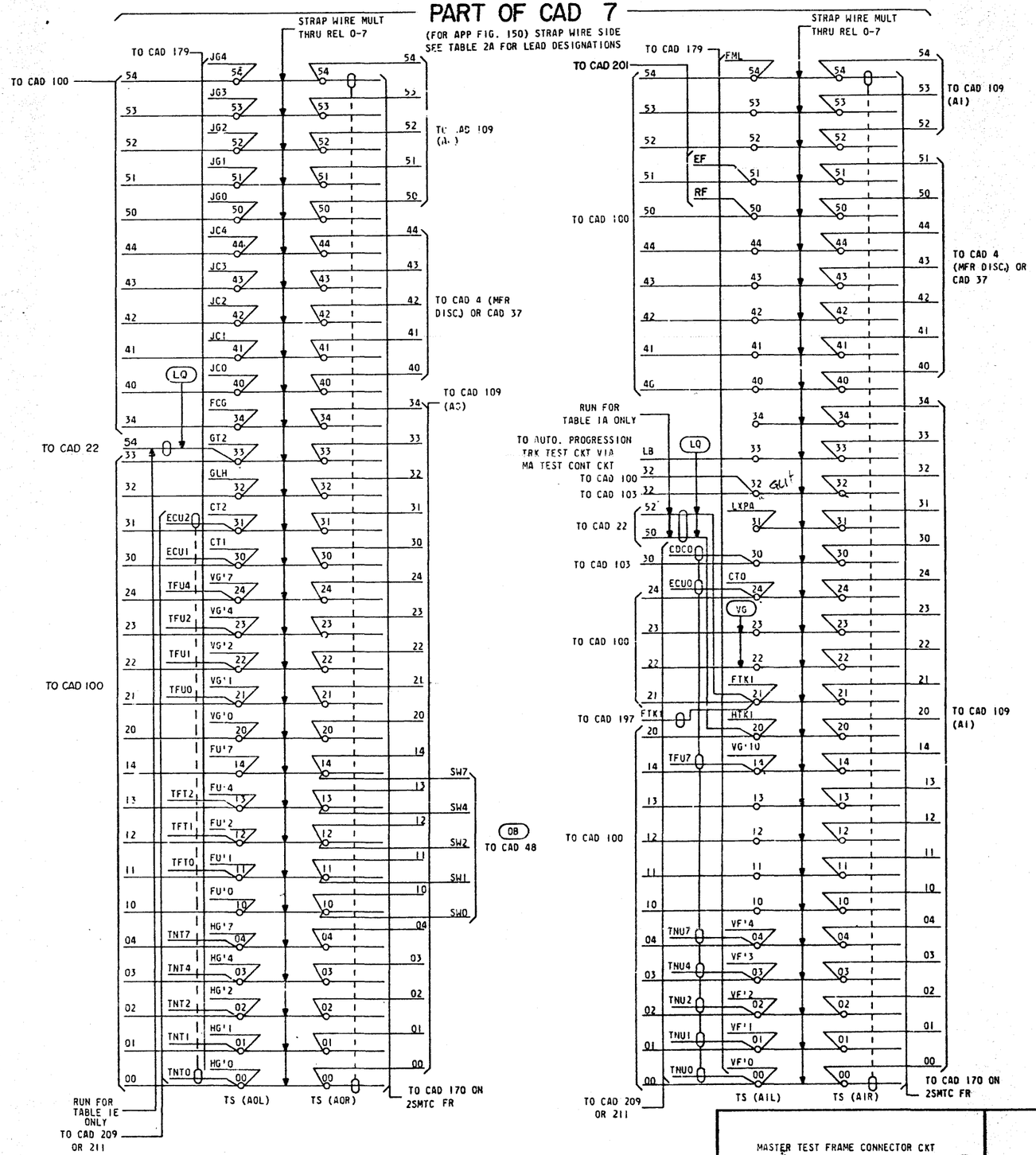




MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G338

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-G34A

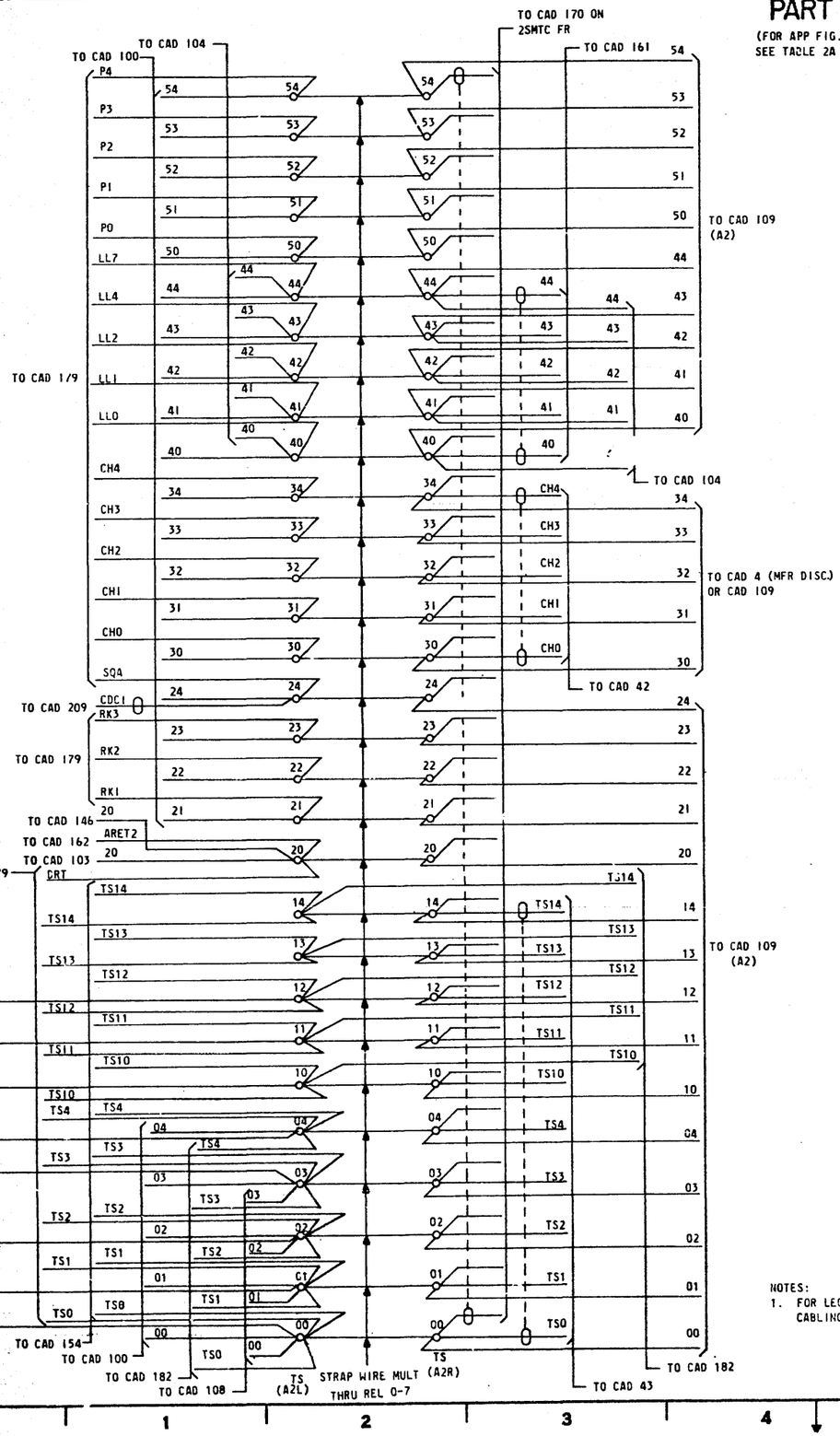
BELL TELEPHONE LABORATORIES INCORPORATED

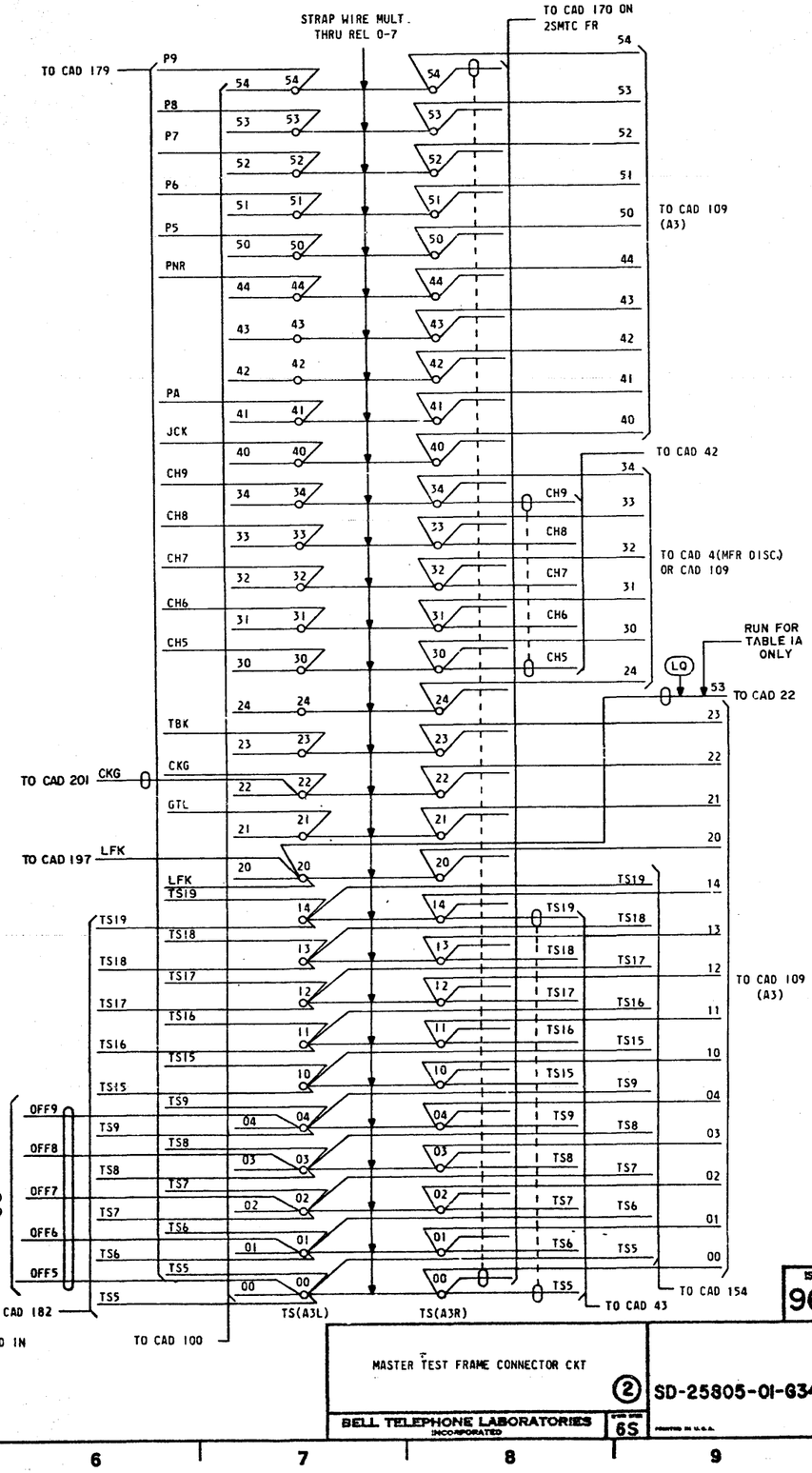
6S

SD-25805-01-G34A

PART OF CAD 7

(FOR APP FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS



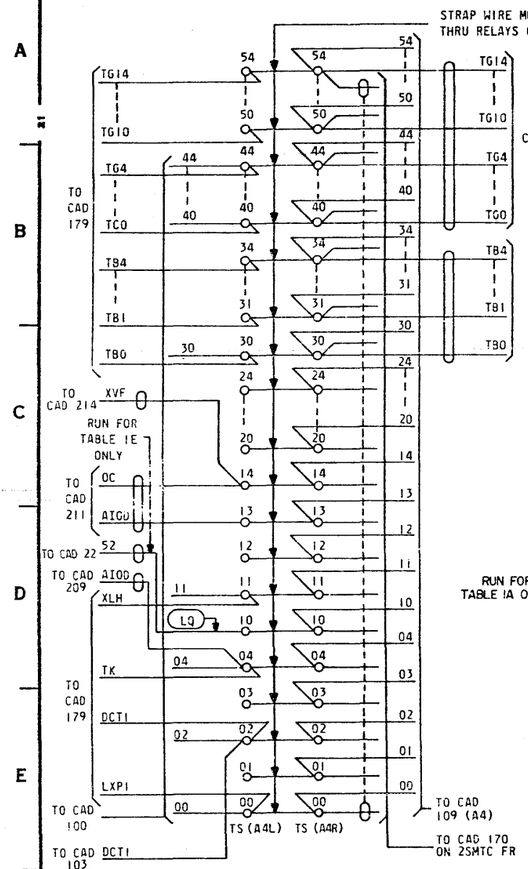


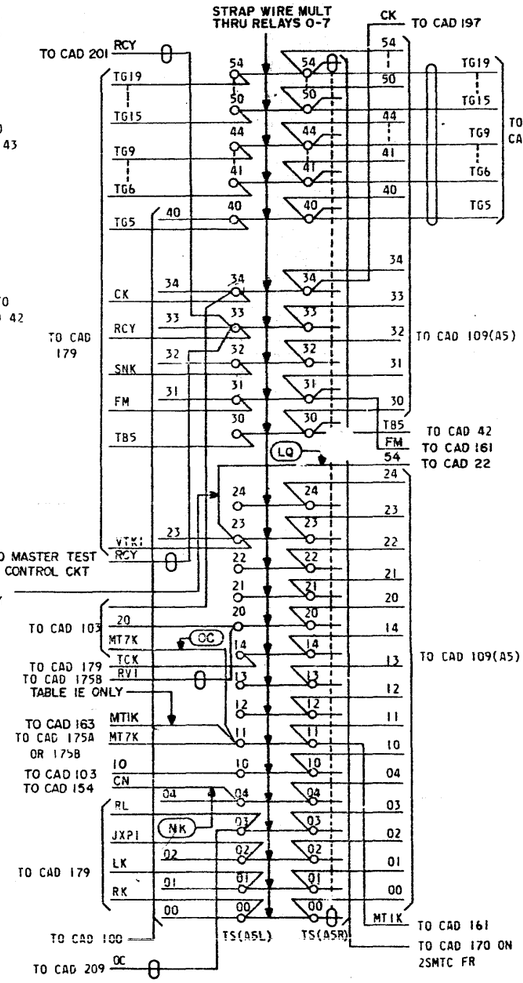
NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

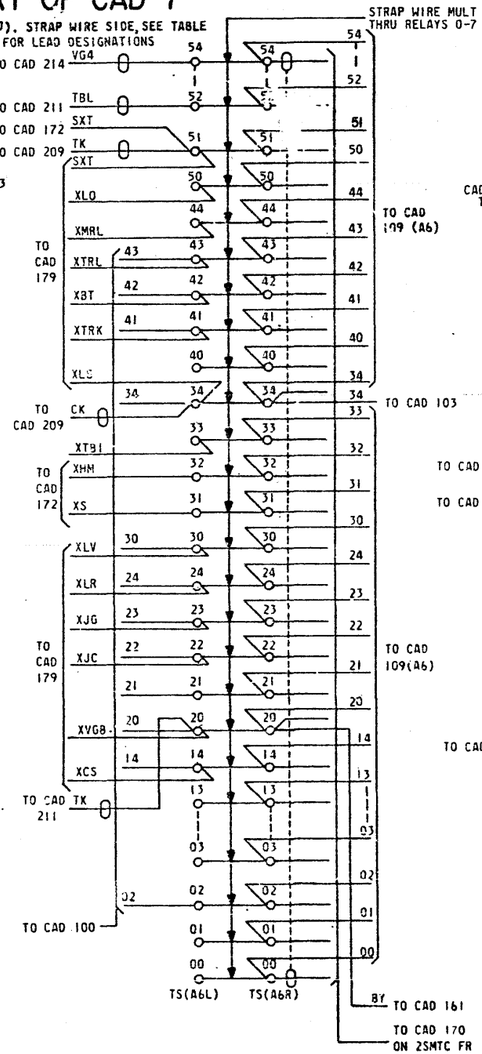
MASTER TEST FRAME CONNECTOR CKT	②	SD-25805-01-634B
BELL TELEPHONE LABORATORIES INCORPORATED	6S	ISSUE 96B

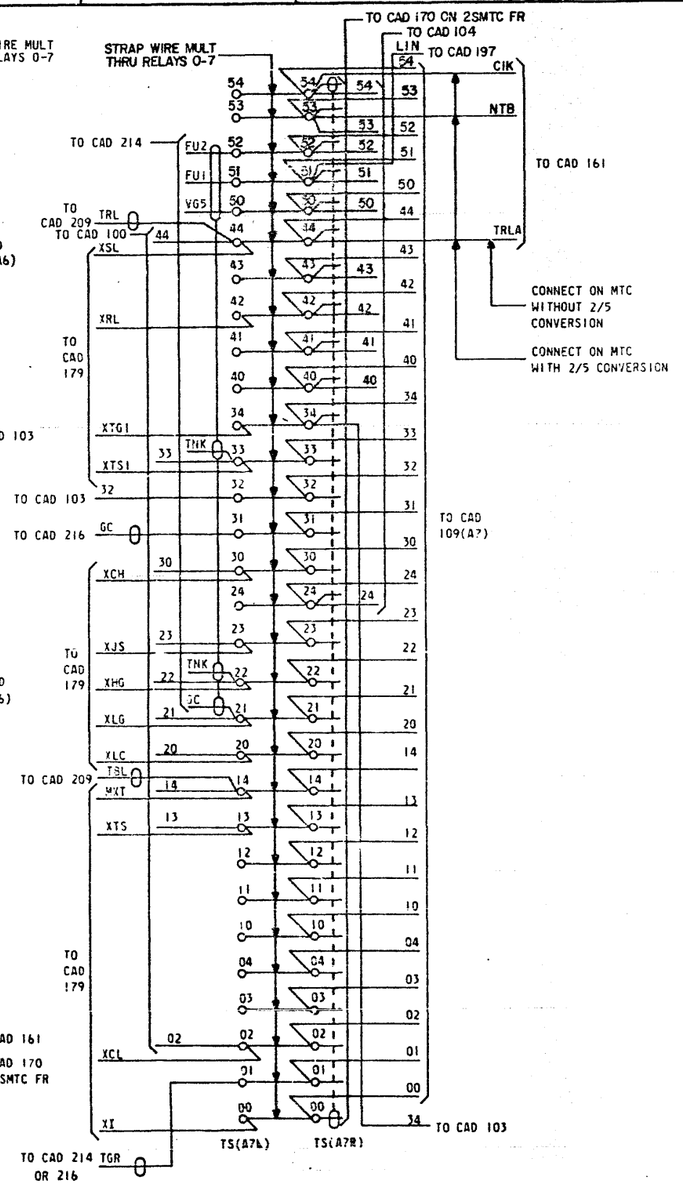
PART OF CAD 7

(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	
640 LFP	C3
65A LFP	C3
660 DEM	C3
680	C3
700	C3
74A	C3

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G35A

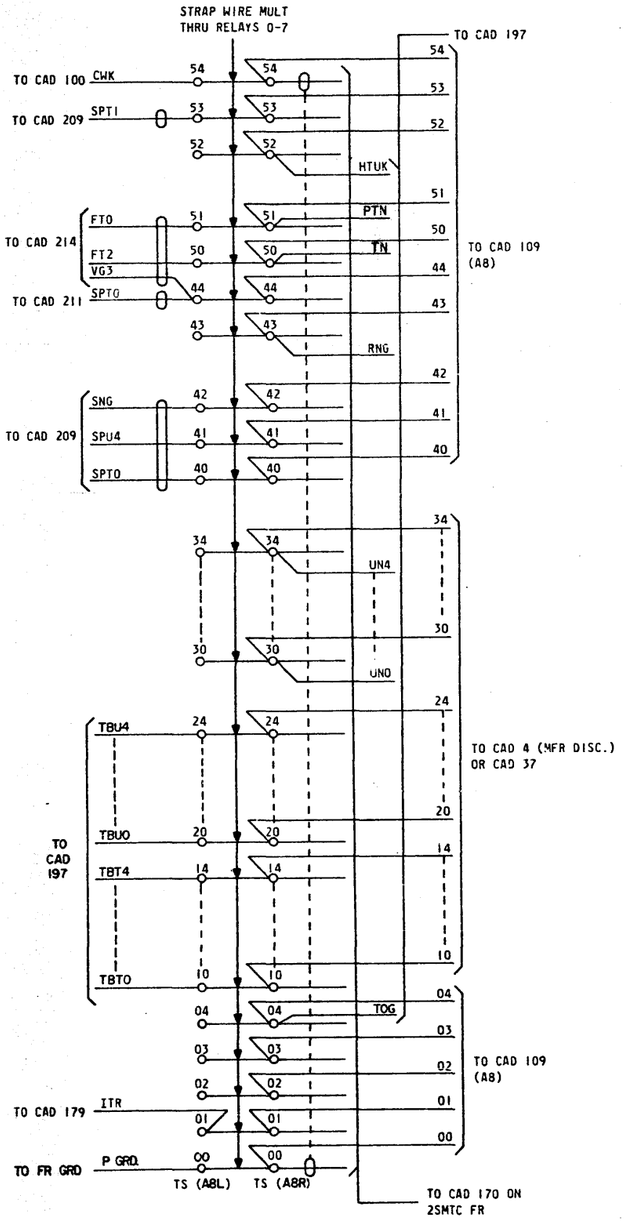
BELL TELEPHONE LABORATORIES INCORPORATED

8S

SD-25805-01-G35A

PART OF CAD 7

(FOR FIG. 150) STRAP WIRE SIDE, SEE TABLE 2A FOR LEAD DESIGNATIONS

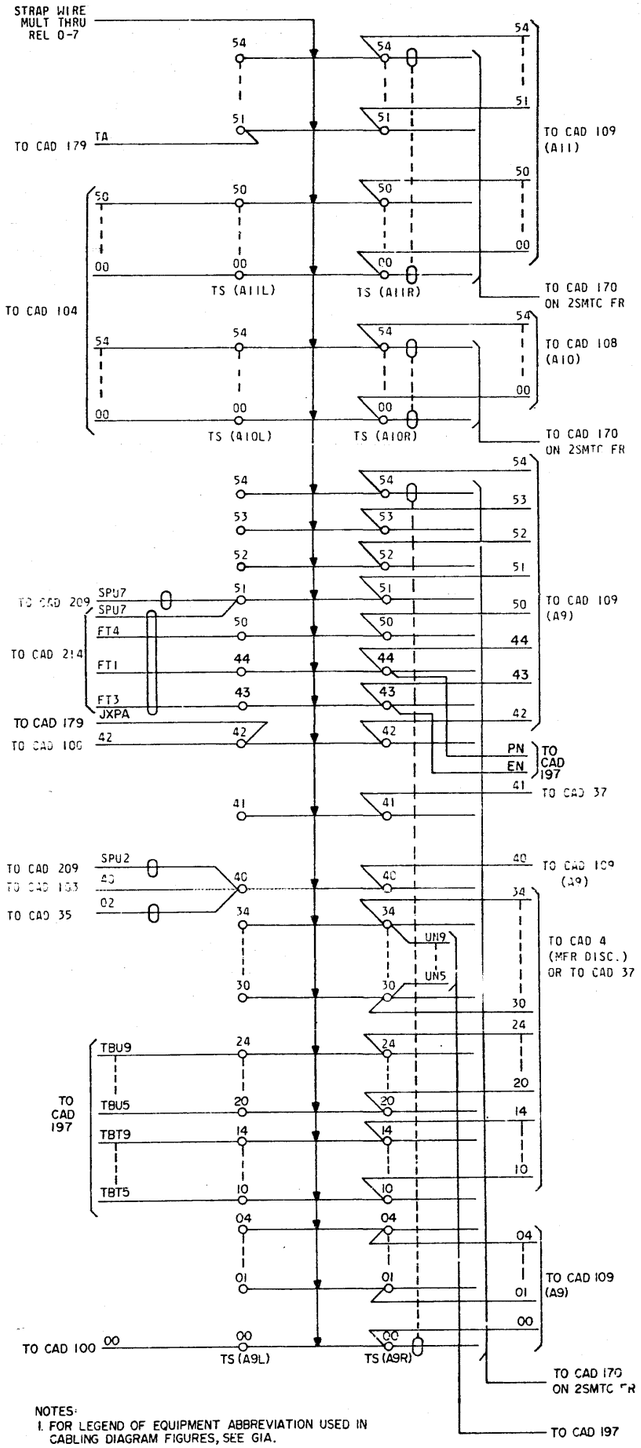


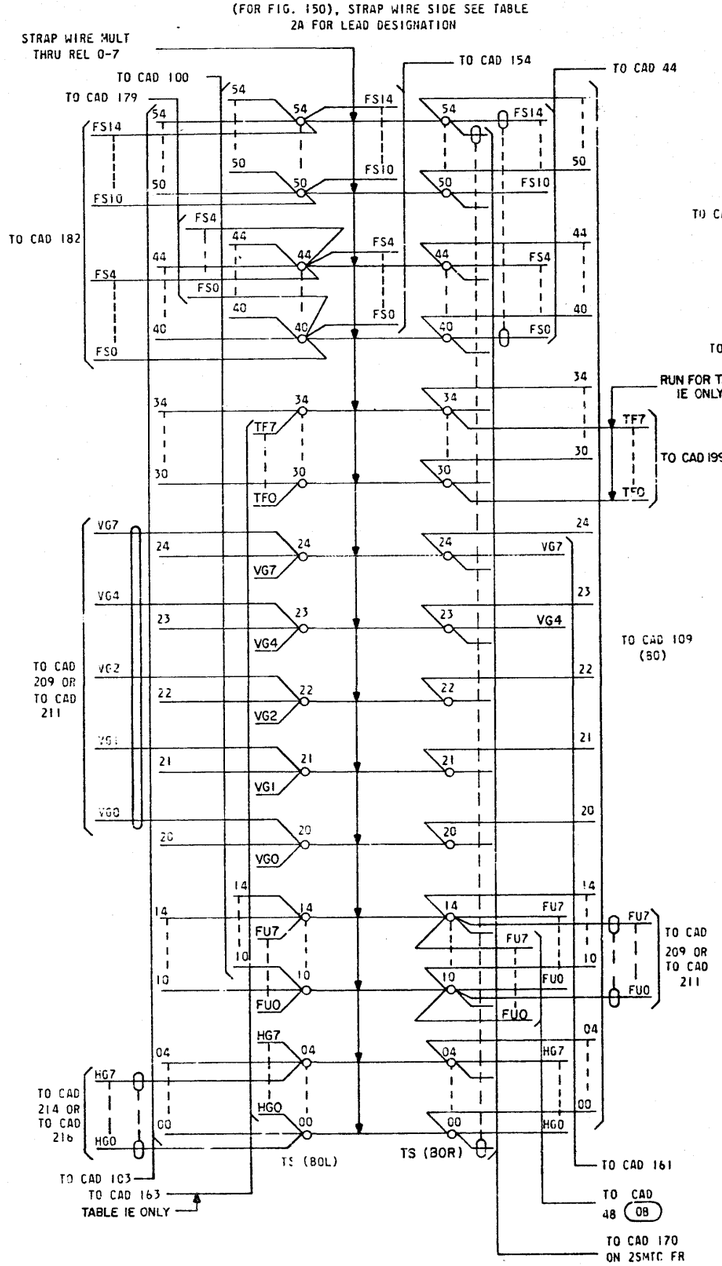
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G35B
BELL TELEPHONE LABORATORIES INCORPORATED	SHEET SIZE 6S

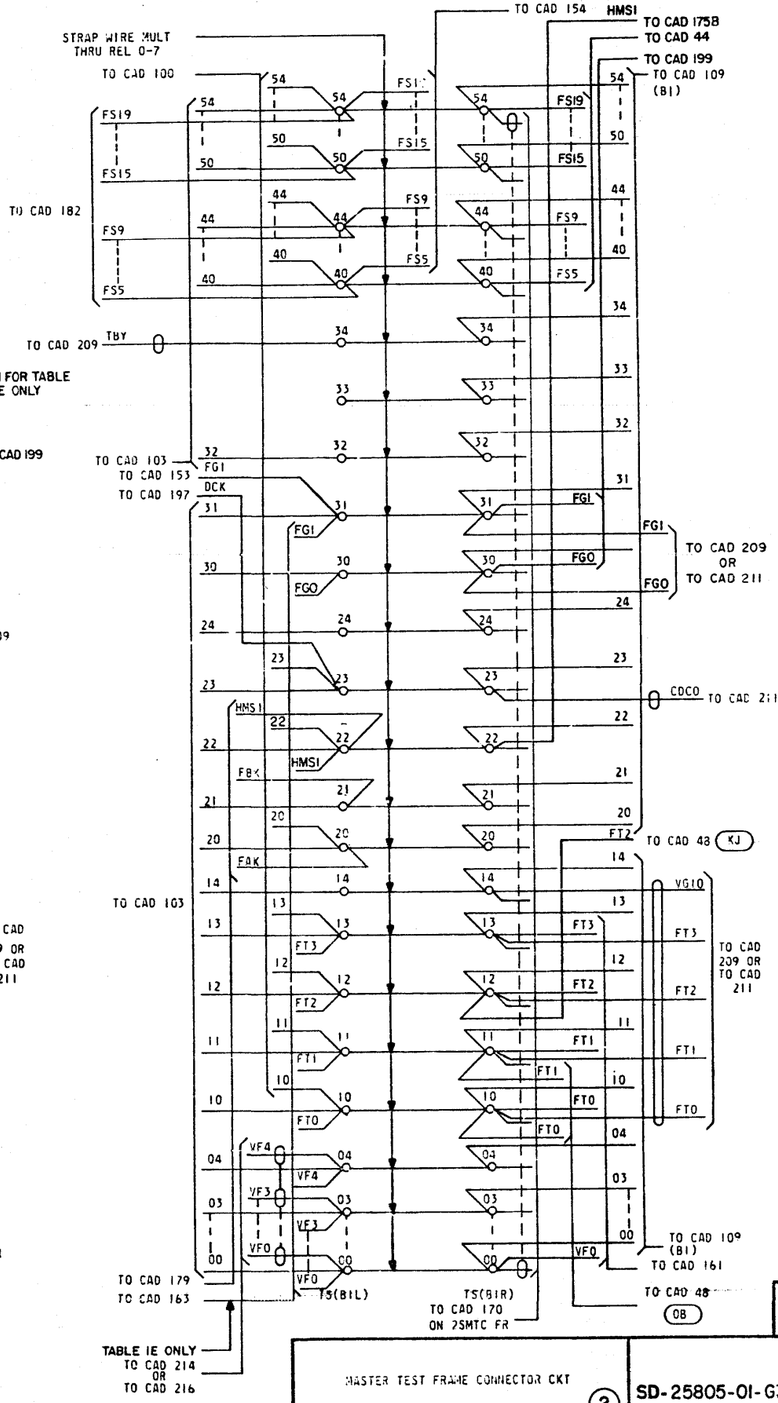
ISSUE 96B

PART OF CAD 7

(FOR FIG. 150), STRAP WIRE SIDE SEE TABLE 2A FOR LEAD DESIGNATION







ISSUE	
62D	JLP
63A	FLK
66D	BEM
68D	
69A	
70D	

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G36A

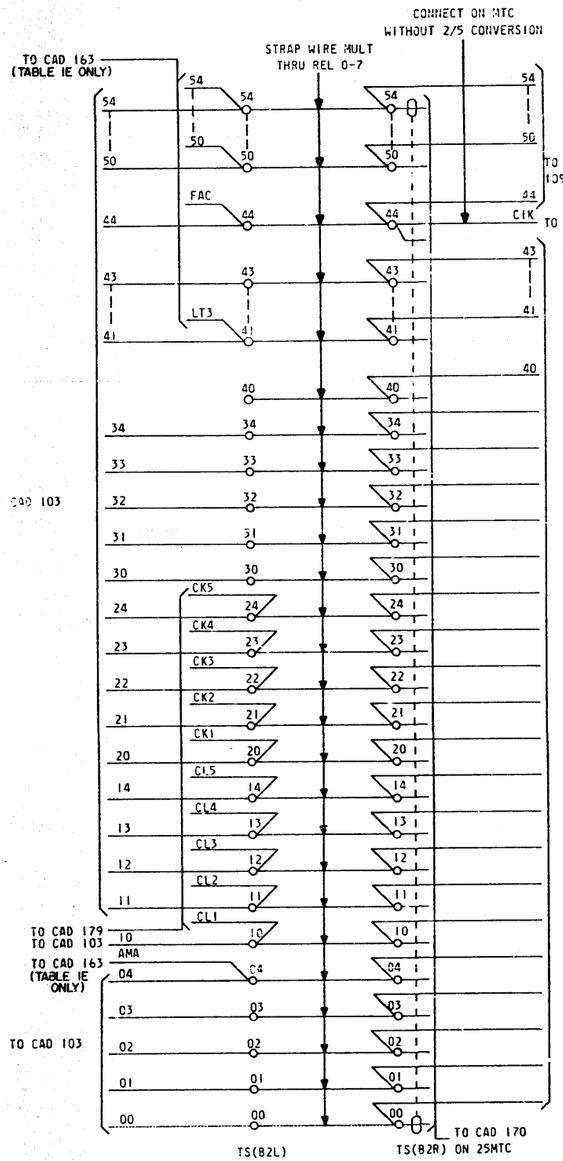
BELL TELEPHONE LABORATORIES INCORPORATED

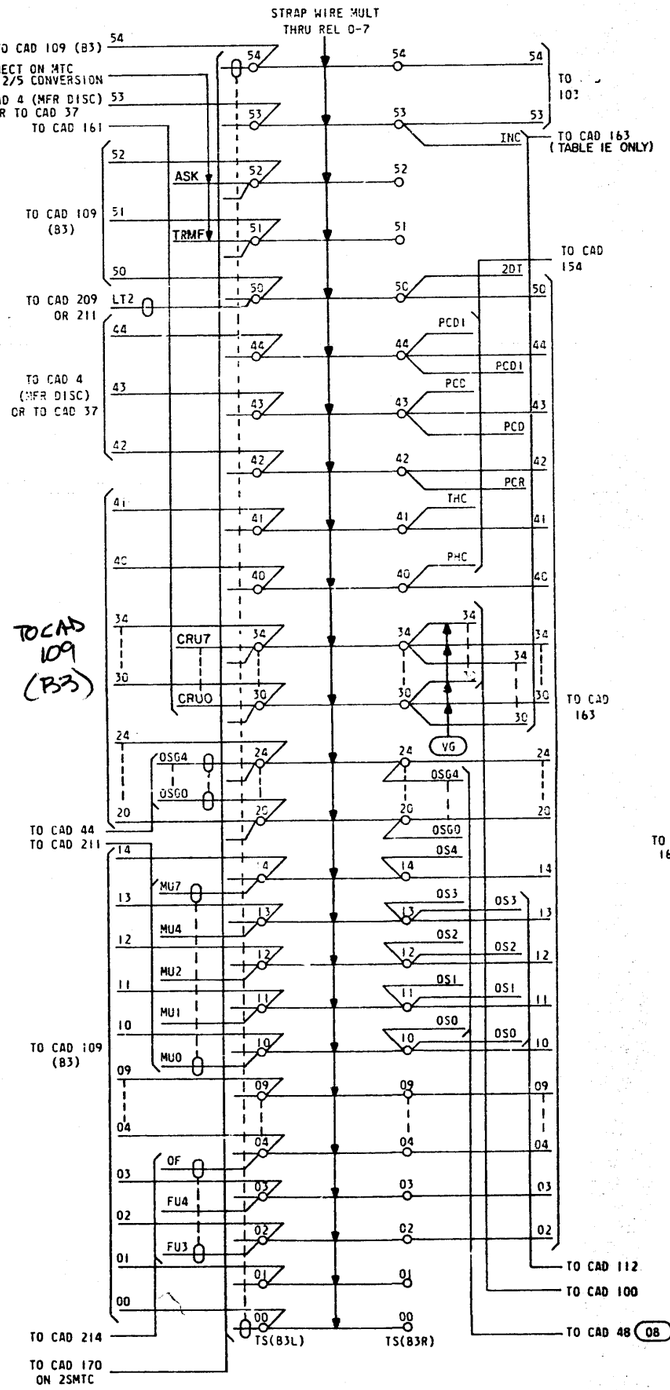
SIZE 6S

SD-25805-01-G36A

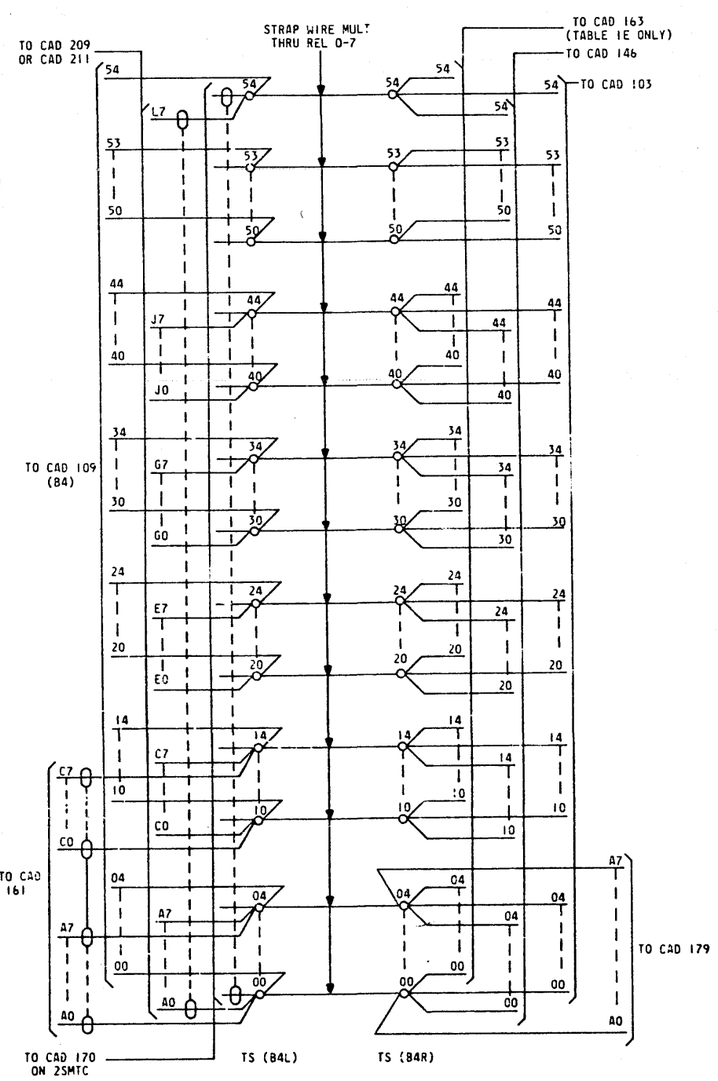
PART OF CAD 7

(FOR FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIG





TO CAD 109 (B3)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
62D SSL
66D BEN
68D
70D

ISSUE 100B

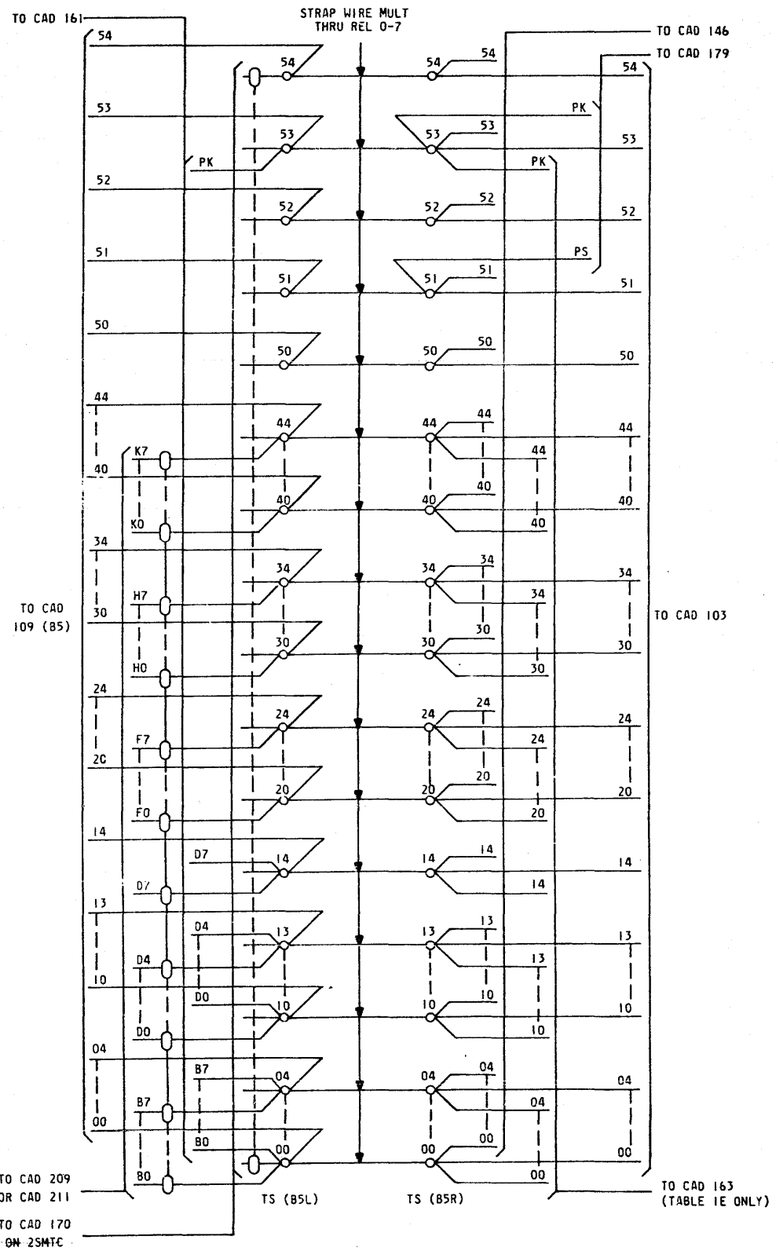
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G36B

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



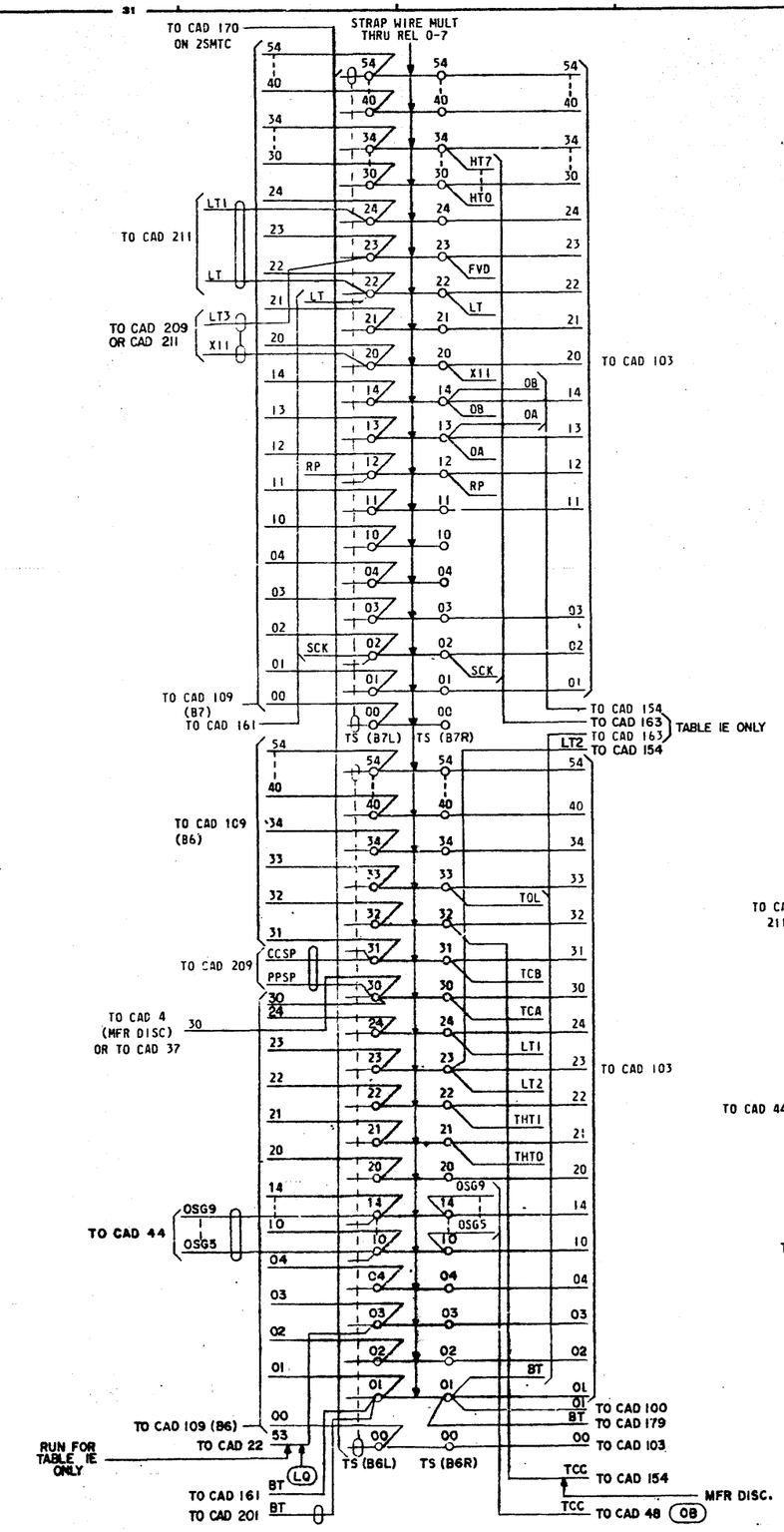
NOTES:

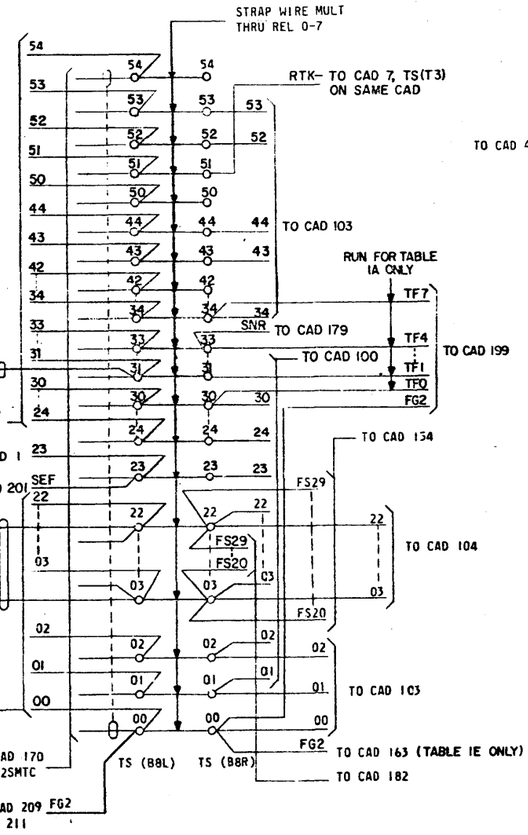
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

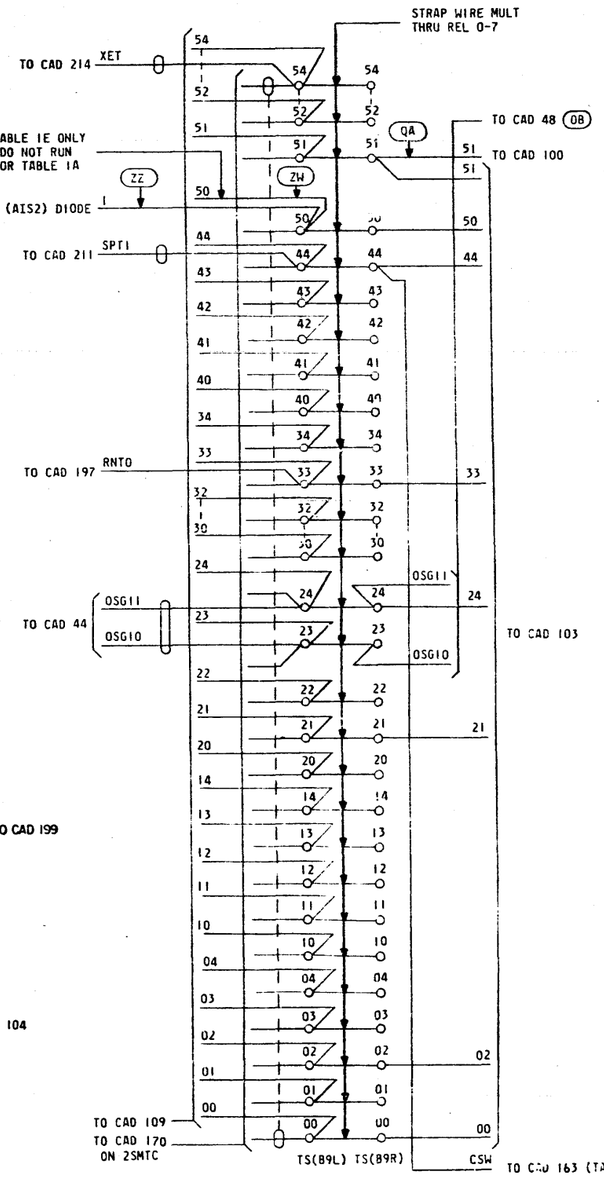
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
*		6S	96B
BELL LABORATORIES	SD-25805-01-		G36C

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.

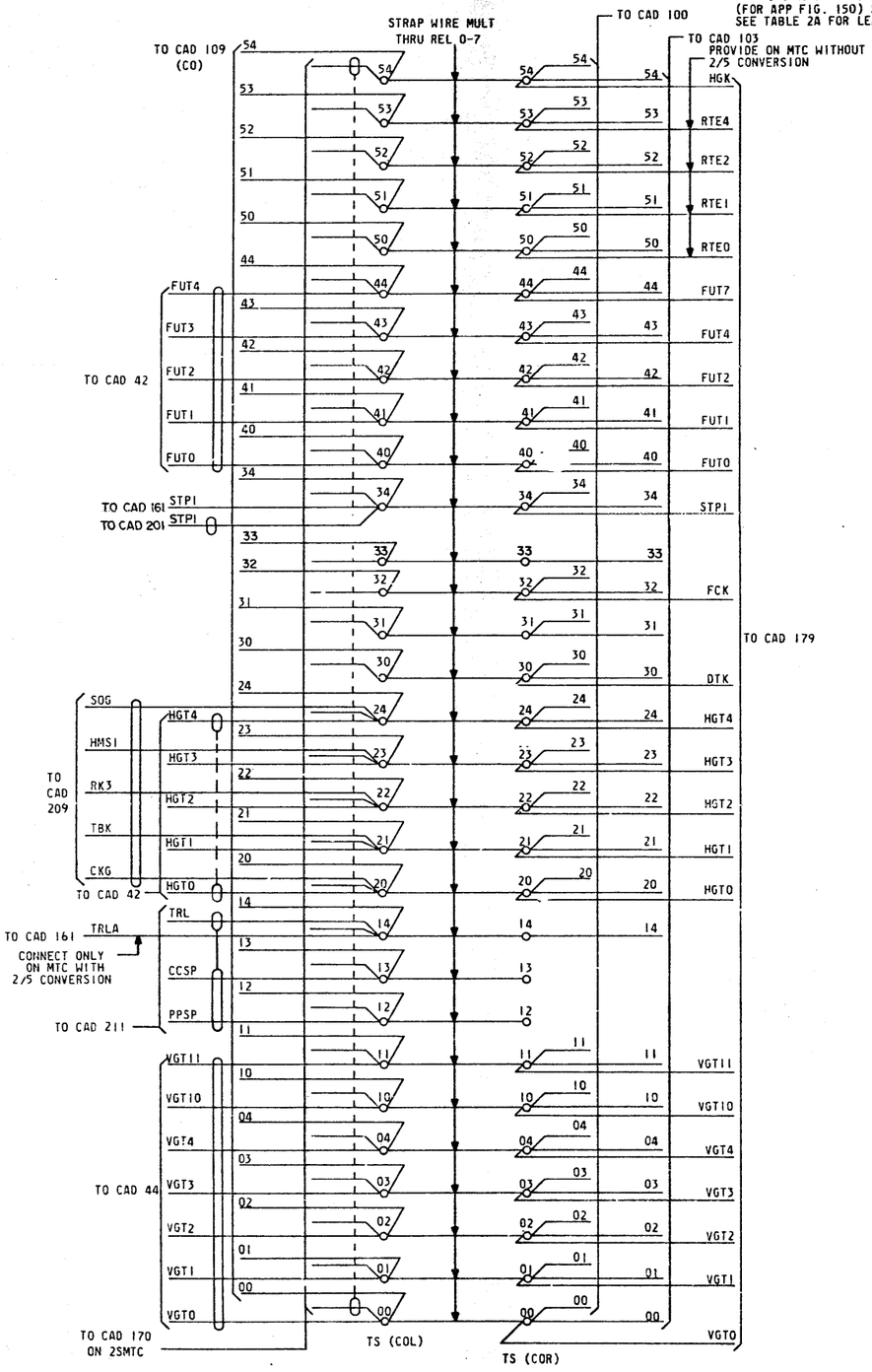
ISSUE 97A

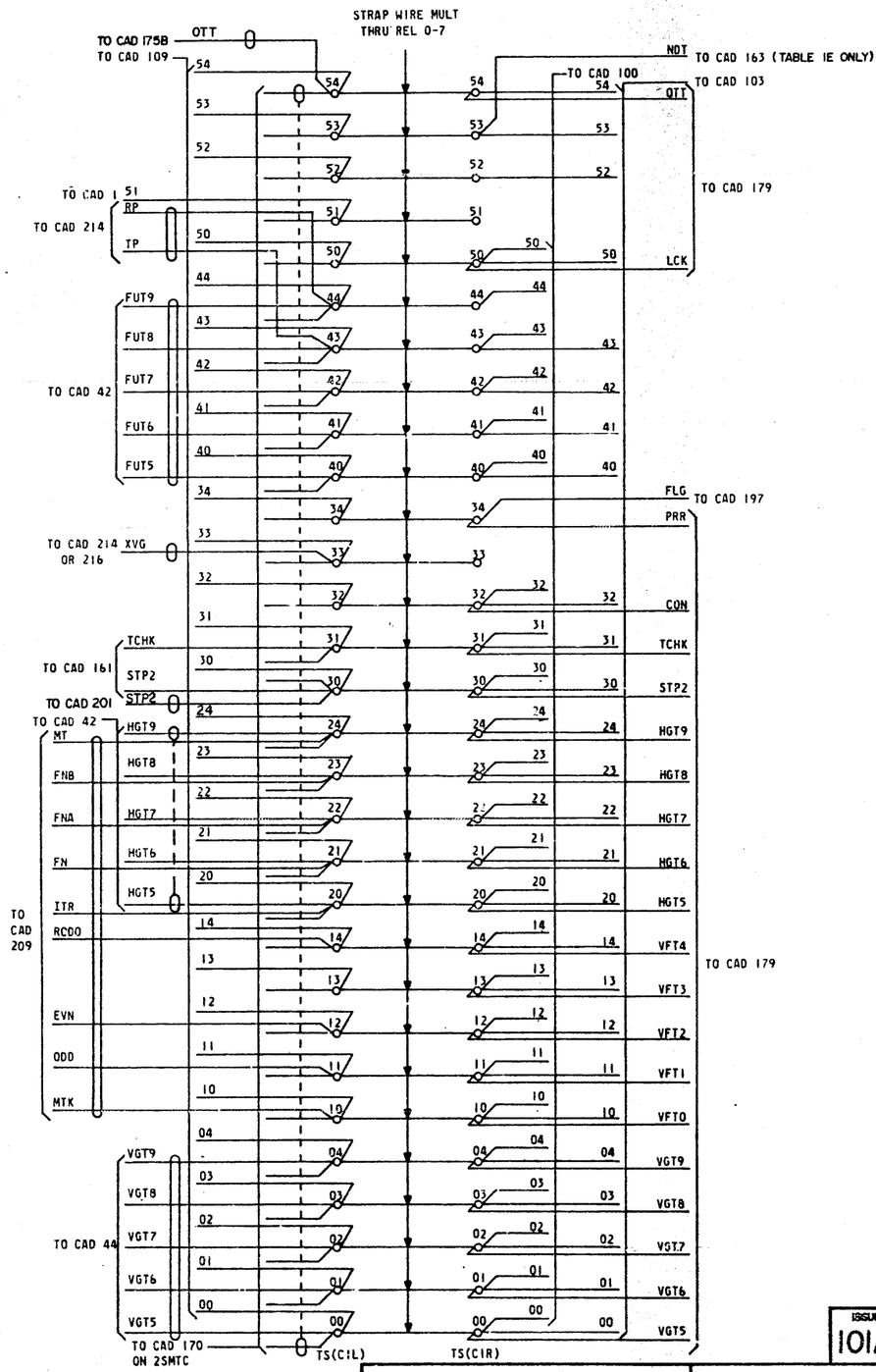
MASTER TEST FRAME CONNECTION CKT (2) SD-25805-01-G37A

BELL TELEPHONE LABORATORIES INCORPORATED 6S

PART OF CAD 7

(FOR APP FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS



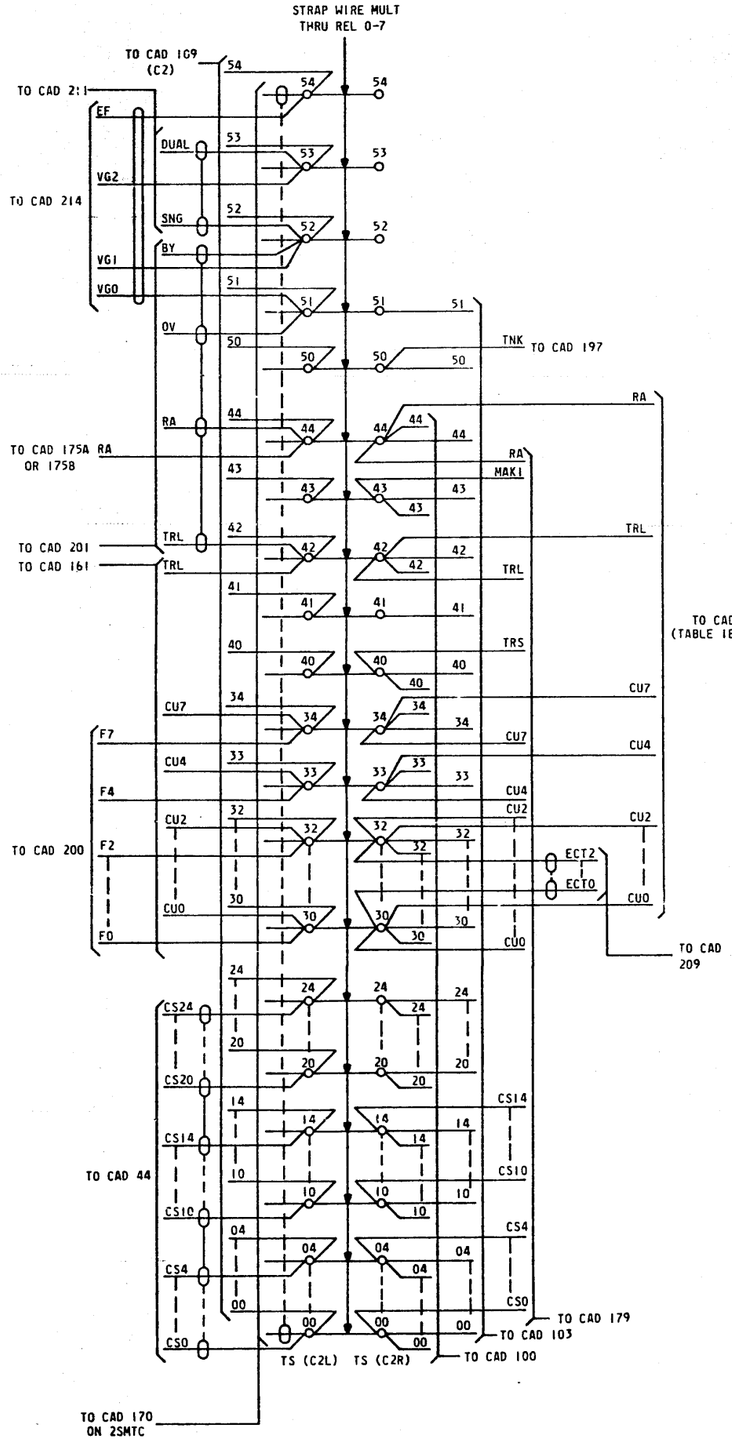


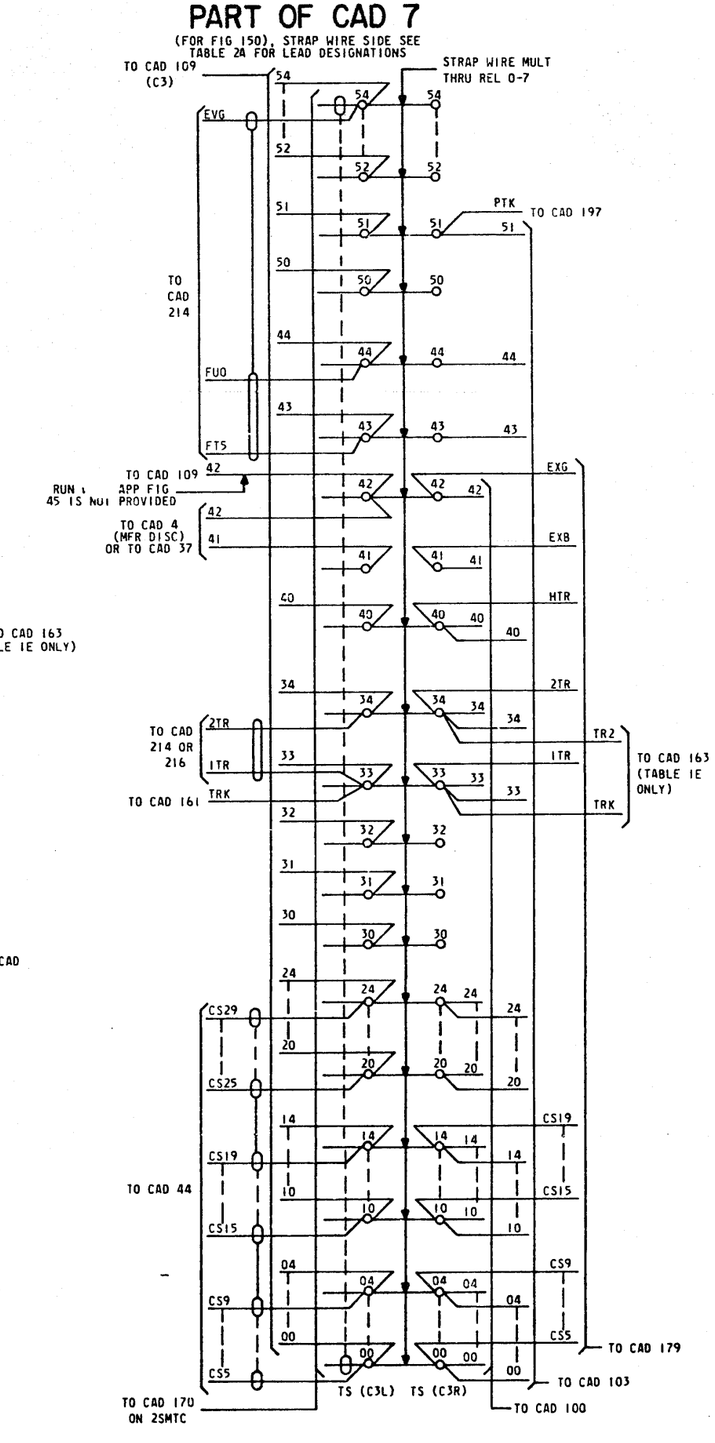
SD-25805-01-G37B

MASTER TEST FRAME CONNECTOR CKT		ISSUE 101A	
BELL TELEPHONE LABORATORIES INCORPORATED	SIZE 6S	(2) SD-25805-01-G37B	

PART OF CAD 7

(FOR FIG 150), STRAP WIRE SIDE SEE TABLE 2A FOR LEAD DESIGNATIONS





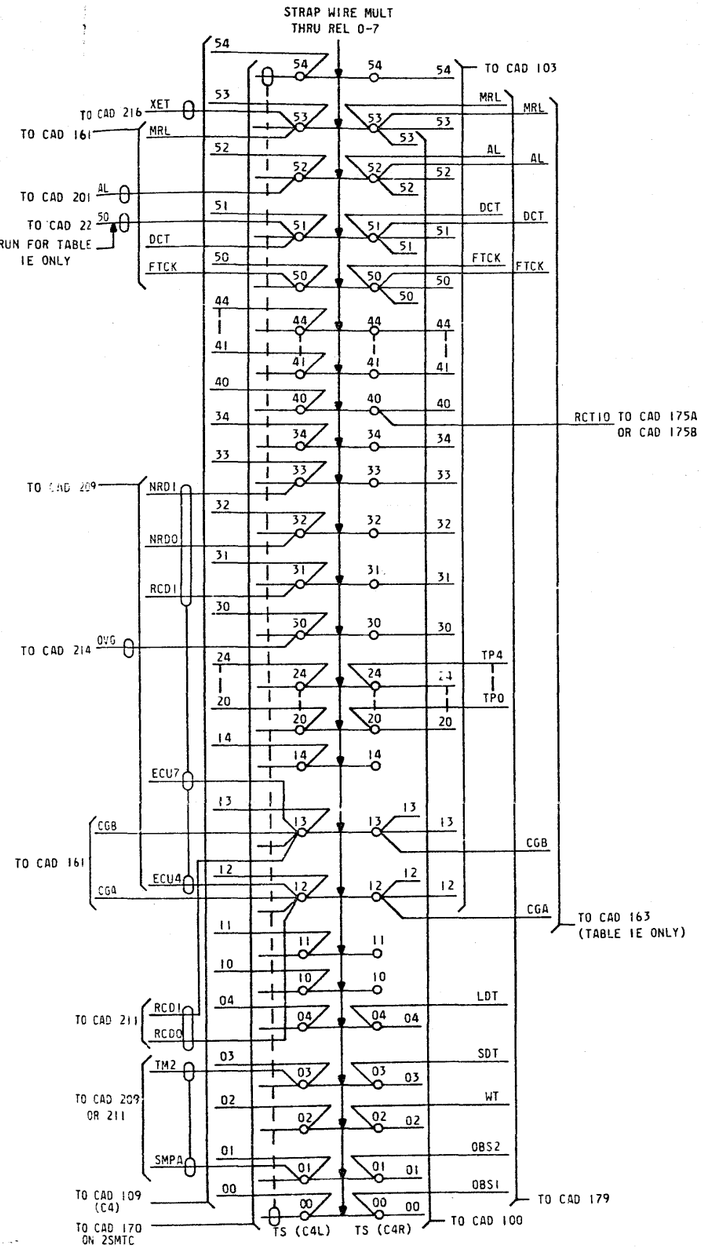
NOTES:

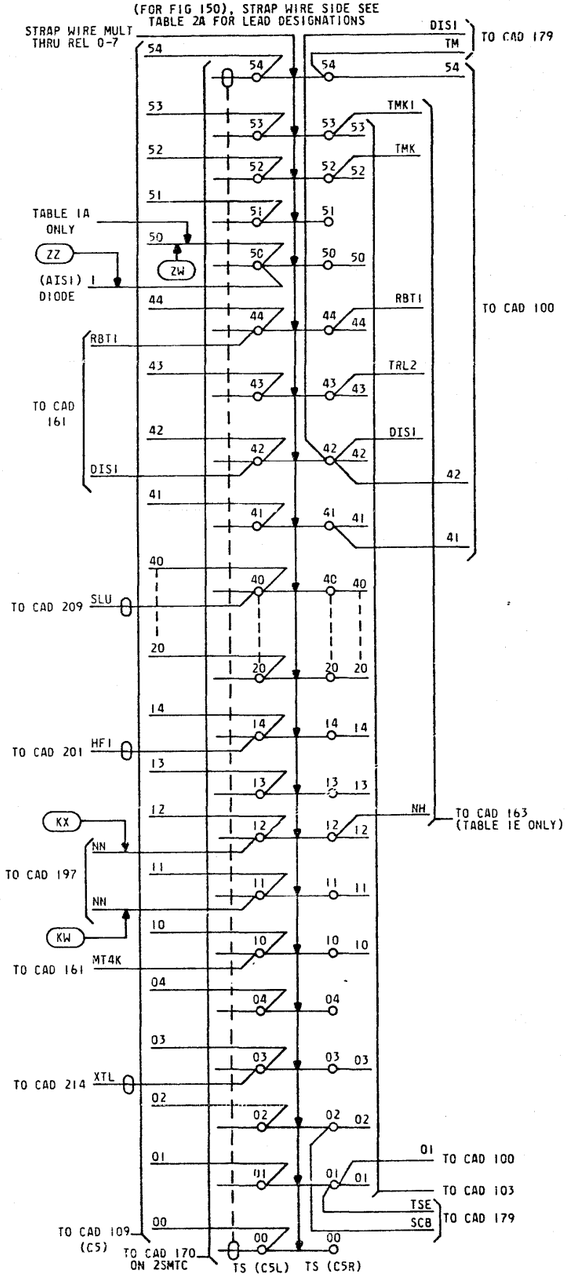
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

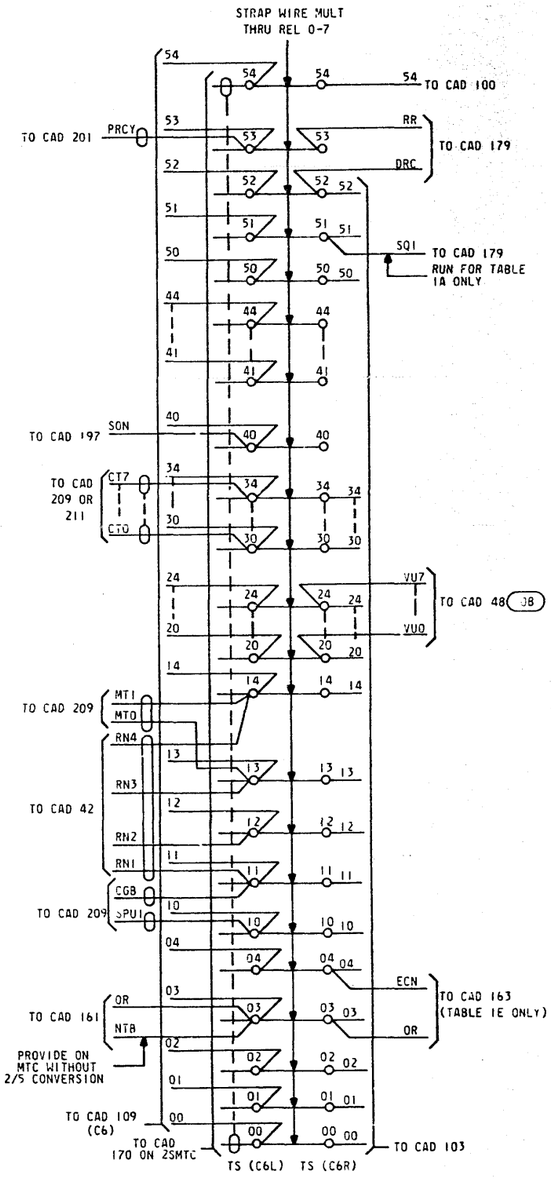
MASTER TEST FRAME CONNECTOR CKT &	DWG SIZE 6S	ISSUE 968
BELL LABORATORIES	SD-25805-01-	638A

PART OF CAD 7

(FOR FIG 150), STRAP WIRE SIDE SEE TABLE 2A FOR LEAD DESIGNATIONS







NOTES:

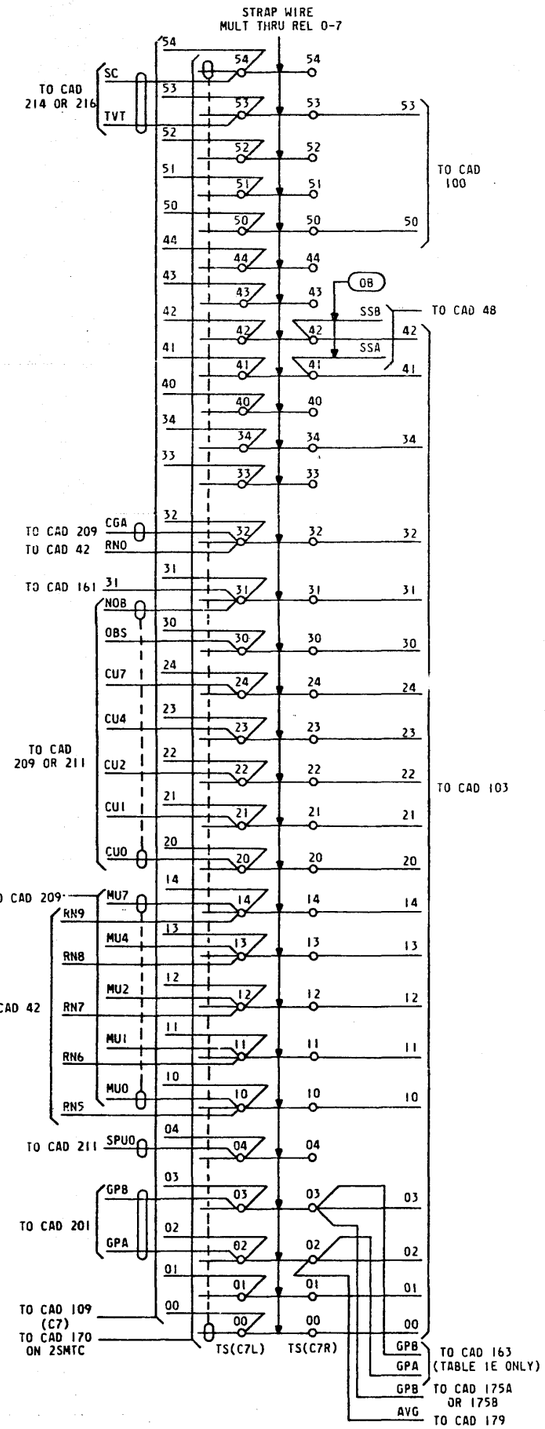
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

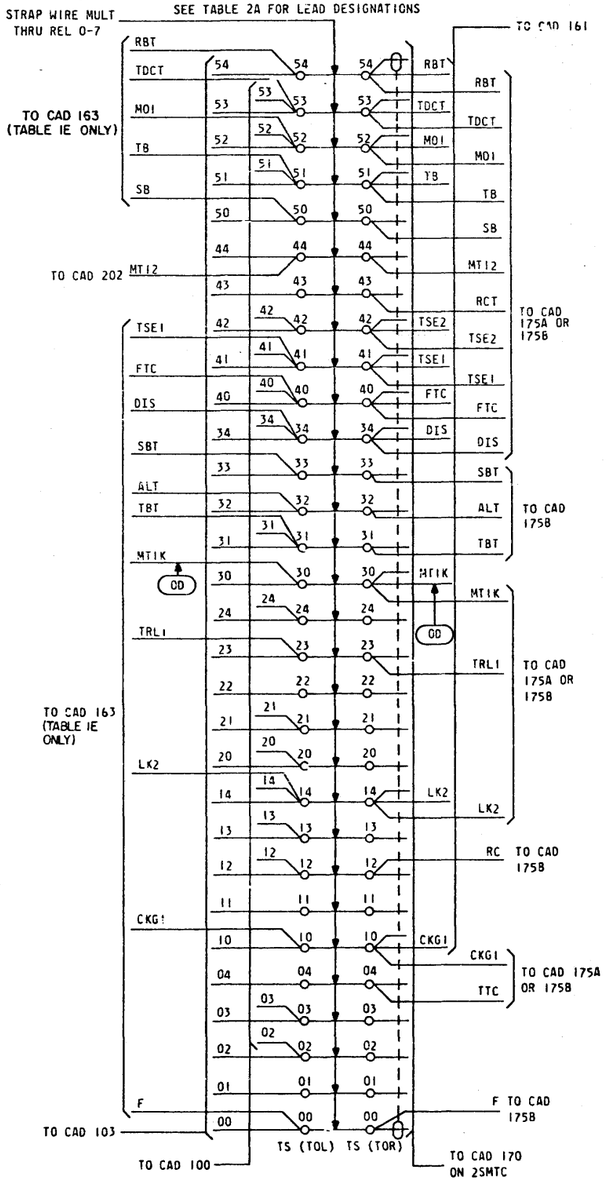
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G38B

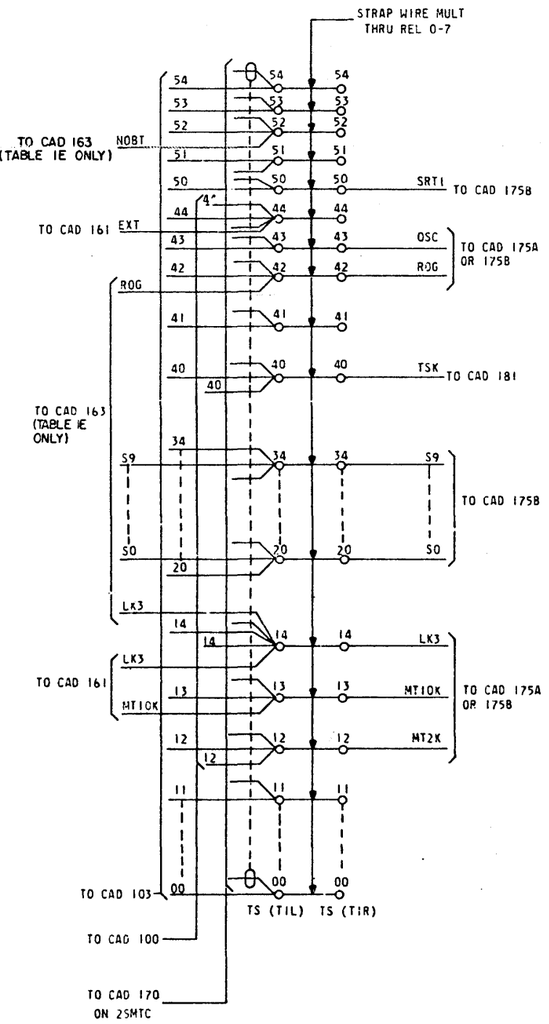
E-7481 (6-79) PRINTED IN U.S.A.

PART OF CAD 7

(FOR APP FIG. 150)
STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS







NOTES:

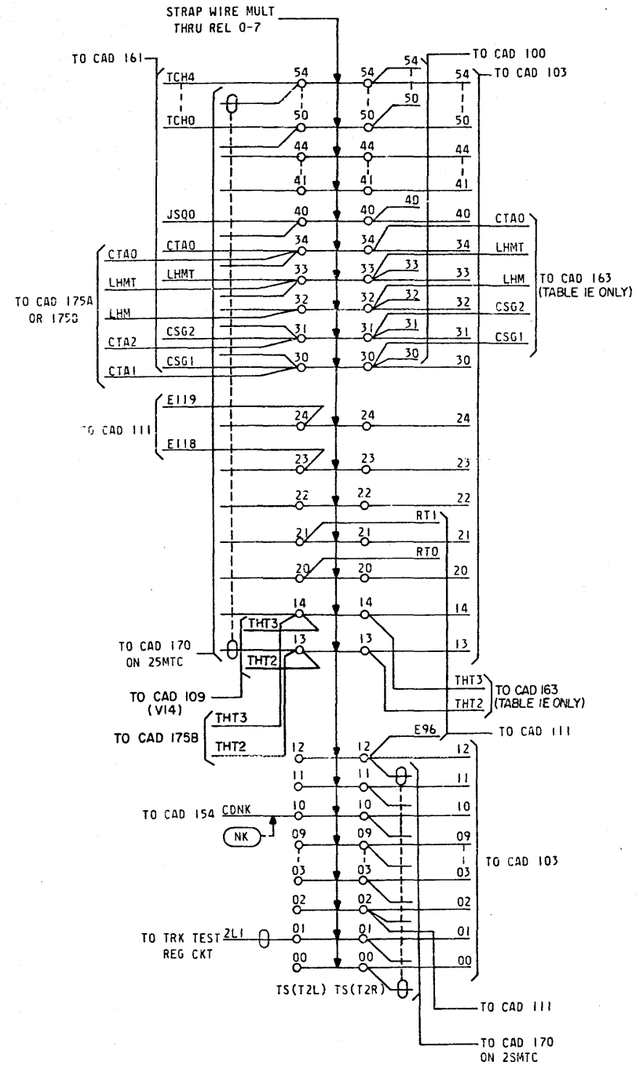
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

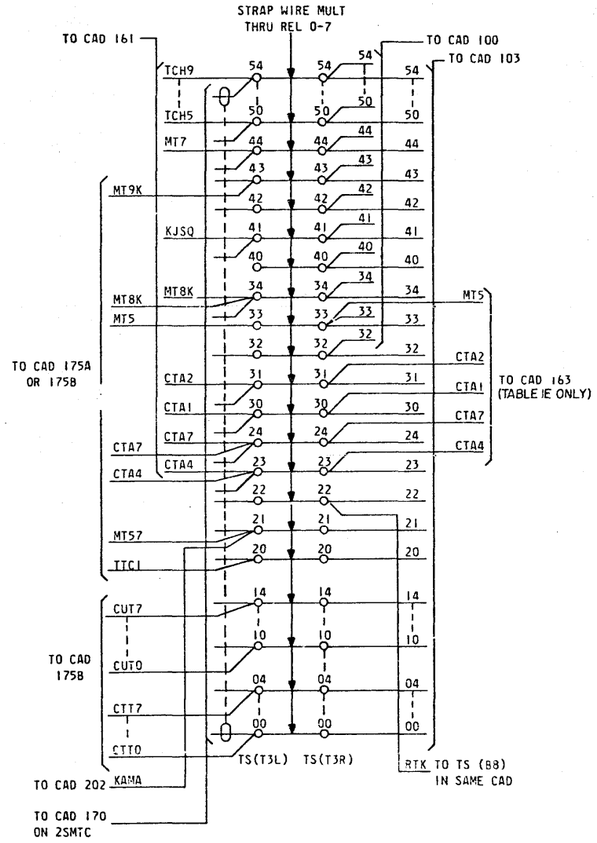
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE	ISSUE
		6S	101A
BELL LABORATORIES	SD-25805-01-		G39A

SD-25805-01-G39A

PART OF CAD 7

(FOR APP. FIG. 150) STRAP WIRE SIDE
SEE TABLE 2A FOR LEAD DESIGNATIONS





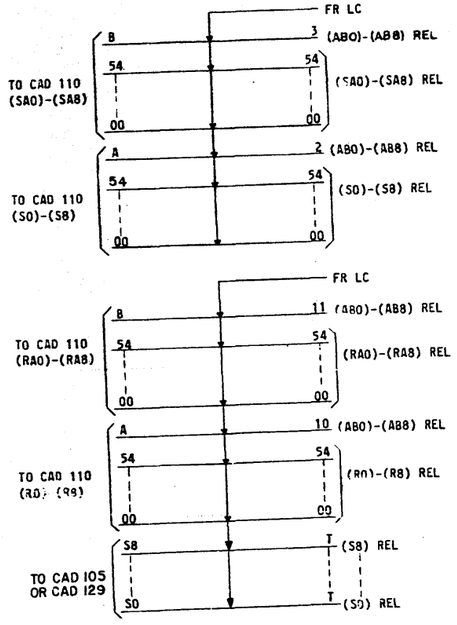
NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE 01A.

MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 91A
BELL LABORATORIES	SD-25805-01		6398

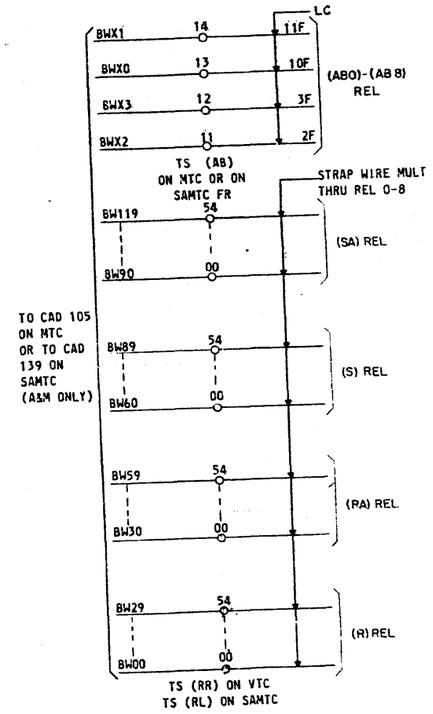
CAD 8

(FOR FIG. 152) CONTACT SIDE
(ONE PER MTC OR SAMTC FR)



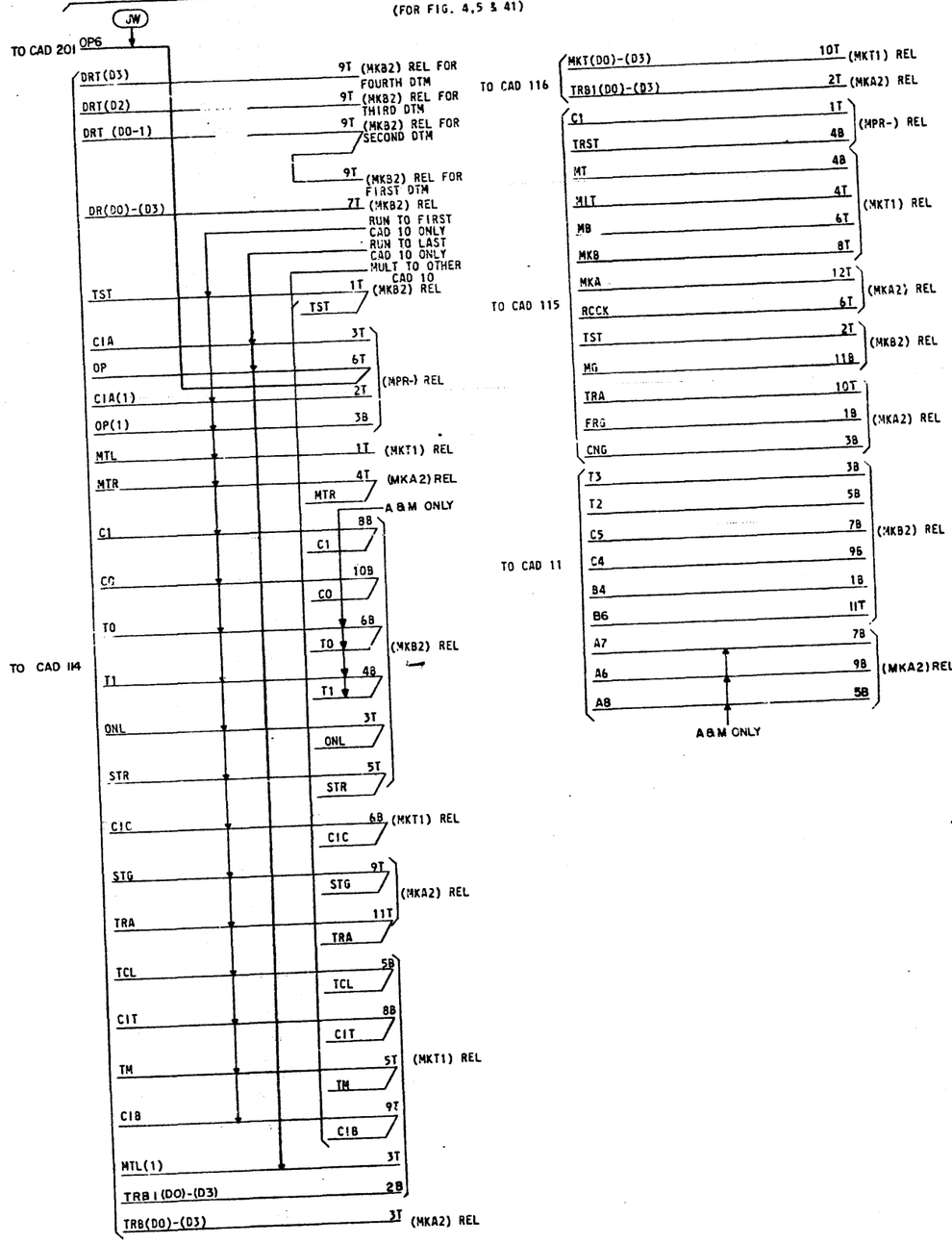
CAD 9

(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 GIA.

DRAWING ISSUE
430 LW
440AC LW
550 LW
700

ISSUE 91A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G40
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-G40

STABILO

CAD 11

(FOR FIG.151), CONTACT SIDE
SEE TABLE 3A FOR LEAD DESIG
ONE PER DTM
(SEE CAD 169 FOR MKR EXPANSION)

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 — (A16) REL — 00
54 — (A15) REL — 00
54 — (A14) REL — 00
54 — (A13) REL — 00
54 — (A12) REL — 00

TO CAD 115

T3 — (T6)
T2 — (T4)
C5 — (C11)
C4 — (C8)
B4 — (B10)
A8 — (A17)
A7 — (A14)
A6 — (A12)
A6M ONLY — (A12)
(A17)
B6 — (A14)

TO CAD 10 NET.

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

TO CAD 116 11

OG — BARE WIRE MULT THRU REL 0-3
CWF
CWK
13 12 11 10 04 03 02 01 00
TS (A16R)
54 20 14 13 12 11 10 04 00
QA
TS (A15L)
54 21 20 14 13 12 11 10 04 00
TS (A14L)
54 40 34 33 32 31 30 24 00
TS (A13L)
54 00
TS (A12L)

TO CAD 114

TO CAD 171 ON 2SMTC

PART OF CAD 12

(FOR FIG. 151), STRAP WIRE SIDE
SEE TABLE 3A FOR LEAD DESIG

54 40 14 10 — BARE WIRE MULT THRU REL 0-3
54 40 34 20 14 10 04 00
TS (B10R)
54 44 43 42 41
TO CAD 211 CK
40 34 33 32 31 30 00
TS (A17R)
54 53 52 51 44 43 42 41 40 34 33 31 30 14
TS (A16R)

TO CAD 114

TO CAD 114

TO CAD 171 ON 2SMTC

NRDO — BARE WIRE MULT THRU REL 0-3
TO CAD 211
54 53 52 34 33 32 00
TS (C9R)
54 20 14 13 00
TS (C8R)
TO CAD 114
54 31 30 01 00
TS (B12R)
54 40 34 30 24 23 22 21 20 14 13 10 04 00
TS (B11R)

TO CAD 171 ON 2SMTC

DRAWING ISSUE
43D PEC CLK
45D DS RLP LW
48D RLP LW
49AR RLP REL LD
50AC
56D RPS
68D
70D
71D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G41
BELL TELEPHONE LABORATORIES INCORPORATED
6S
PRINTED IN U.S.A.

STABILO

PART OF CAD 12

(FOR FIG. 151, STRAP WIRE SIDE
SEE TABLE 3A FOR LEAD DESIG

TO CAD 171
ON 2SMTC

40 40
34
20
14 14
13
12 12
11
00
TS (T5L)
54 54
53 53
52 52
51 51
50 50
43 43
TO CAD 114 42 42
34 34
33 33
32
31 31
30
24 24
23
22 22
21 21
12 12
11 11
10
04
03 03
02 02
TO CAD 116
TO CAD 34 ON MTC UNIT ON COMPL MKR 4-WIRE FR 0
31 01
30 00
1 TS (T4L)
TO CAD 143 0
MFR DISC.
BARE WIRE MULT THRU REL 0-3

TO CAD 171
ON 2SMTC

43 43
42 42
41 41
40 40
00 00
TA (C10L)
54 54
32 32
31
30
24 24
00 00
TS (T7L)
54 54
40 40
34
33 33
CSG2 32 32
TO CAD 175 31 31
CSGI 30
30 30
14 14
13
12
11 11
00 00
TS (T6L)
54
50
TO CAD 114 44 44
43
41 41
TO CAD 116
TS (T5L)
BARE WIRE MULT TO REL 0-3

TO CAD 171
ON 2SMTC

54 54
50 50
44 48
43 43
42 42
33 33
32 32
32
TO C4D 114 30 30
24 24
00 00
TS (C11L)
54 54
53
52 52
51 51
50 50
50
44 44
TO CAD 116
TS (C10L)
BARE WIRE MULT THRU REL 0-3

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
43D
48D
53AR
700
74A

74

MASTER TEST FRAME CONNECTOR CKT : (2)
SD-25805-01-G42
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-G42

STABILOKE

A B C D E F G H
0 1 2 3 4 5 6 7 8 9

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 (RR3) REL
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)
AOO
TO CAD 117 OR TO CAD 192 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
(TRB)6 5T (RR) REL
(TRB)5 3T

TO CAD 22
TR8(4) 1T
TR8(3) 9B
TR8(2) 7B
TO CAD 14 TR8(1) 5B (RR) REL
TR8(0) 3B
TR8(EMG) 1B
RTE1 13T (RTE1) REL
RTE
RTO1 13T (RTO1) REL
RTO
STR 6T (MTO) REL
TO CAD 117 AQ1
TO CAD 14 TO CAD 221 STC1 11T (STC) REL
TRB1(9) TRB1- 7B
TRB1(8) TRB1- 5B
TRB1(7) TRB1- 3B (RT3) REL
TRB1(6) TRB1- 1B
TRB1(5) TRB1- 1T
TRB1(4) TRB1- TRB1(1) 9B
TRB1(3) TRB1- TRB1(0) 7B
TPB1(2) TRB1- 5B (RT1) REL
TRG1(1) TRB1- 3B
TRB1(0) TRB1- 1B
TR8(9) TR8- 7B
TR8(8) TR8- 5B (RT2) REL
TR8(7) TR8- 3B
TO CAD 15 TR8(6) TR8- 1B
TR8(5) TR8- 1T
TR8(4) TRB(1) 9B
TR8(3) TR8- TRB(0) 7B
TR8(2) TR8- 5B (RT) REL
TR8(1) TR8- 3B
TR8(0) TR8- 1B
WG TR8- 1B (RNA) REL
TVT3 4T (TVT3) REL
WO 1B
TTL(1) 9T (TTP1) REL
OP 8T
C1 6B (LTP) REL
TTL 4B (TTL) REL
TO CAD 30 TO CAD 150 TTL(2)
CONNECT ONLY WHEN ANI-CAMA OPR IS NOT PROVIDED
A03
AQ2 5B (TTL) REL
A24 6B (LTP1) REL
TO CAD 117 A23 6B
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 15 ON (MTO) REL
A11 8B
TO CAD 117 A165
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
43 2T
TO CAD 22 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 (TX0) REL
E311 1T
E315 3T
E317 5T
E314 7T
E325 9T
E321 1B (TX01) REL

TO CAD 117 OR TO CAD 192
TIR 7T (RTI) REL
E322 3B
E319 5B
E316 7B
E324 9B
E323 1T (TX01) REL
E329 3T
E318 5T
E327 7T
E320 9T
E339 8B
E338 7B
E337 5B
E336 3B
E335 1B
E334 9T (RT01) 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
43D 4ESS CLX SWP
70D
72A

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G43

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

STABILO

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
A33	6B
A32	4B
A31	2B

(STC1) REL

TO CAD 119 OR TO (NT) CAD 192

A30	12T

(STC) REL

TO CAD 119

A138	10B
A137	8B
A136	6B
A135	4B
A134	2B
A133	10T
A132	8T
A131	6T
A130	4T
A129	2T

(RTE1) REL

A128	2B
A127	4B
A126	6B
A125	8B
A124	10B
A123	2T
A122	4T
A121	6T
A120	8T
A119	10T

(TXE) REL

TO CAD 120

A118	2B
A117	4B
A116	6B
A115	8B
A114	10B
A113	2T
A111	6T
A110	8T
A109	10T

(TXE1) REL

ODD CKT

A89	10B
A88	8B
A87	6B
A86	4B
A85	2B
A84	10T
A83	8T
A82	6T
A81	4T
A80	2T

(RT01) REL

A79	2B
A78	4B
A77	6B
A76	8B
A75	10B
A74	2B
A73	4T
A72	6T
A71	8T
A70	10T

(TX0) REL

TO CAD 120

A69	2B
A68	4B
A67	6B
A66	8B
A65	10B
A64	2T
A63	4T
A62	6T
A61	8T
A60	10T

(TX01) REL

A108	10T
A156	8T
A107	6T
A155	4T
A106	2T
A154	10B
A105	8B
A153	6B
A104	4B
A152	2B

(STC2) REL

A103	10T
A151	8T
A102	6T
A150	4T
A101	2T
A149	10B
A100	8B
A148	6B
A99	4B
A147	2B
A98	12B

(STC) REL

TO CAD 120

A143	10B
A142	9B
A141	8B
A140	7T
A139	2T

(MTE) REL

A94	10B
A93	9B
A92	8B
A91	5T
A90	2T

(MTO) REL

TO CAD 121 OR TO CAD 189

A153	8T
A162	7B
A151	8T
A160	7B

(LTP1) REL
(LTP) REL
(TTP1) REL
(TTP) REL

(NT) 3B (TVT3) REL
(NU) 2T (ONI) 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
43D
700

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G44

BELL TELEPHONE LABORATORIES INCORPORATED

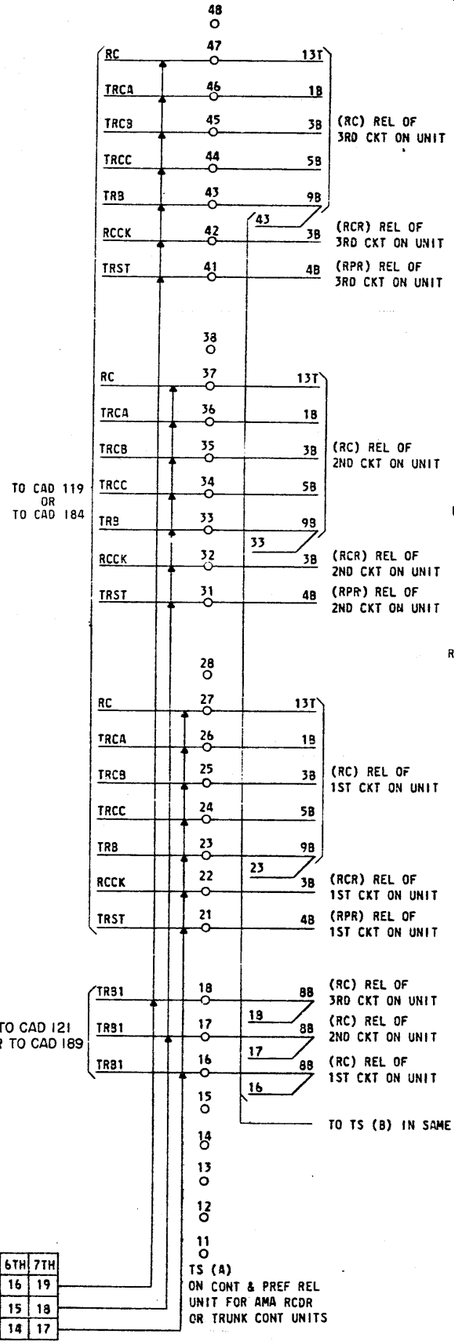
6S

SD-25805-01-G44

STABILOMAT

CAD 14

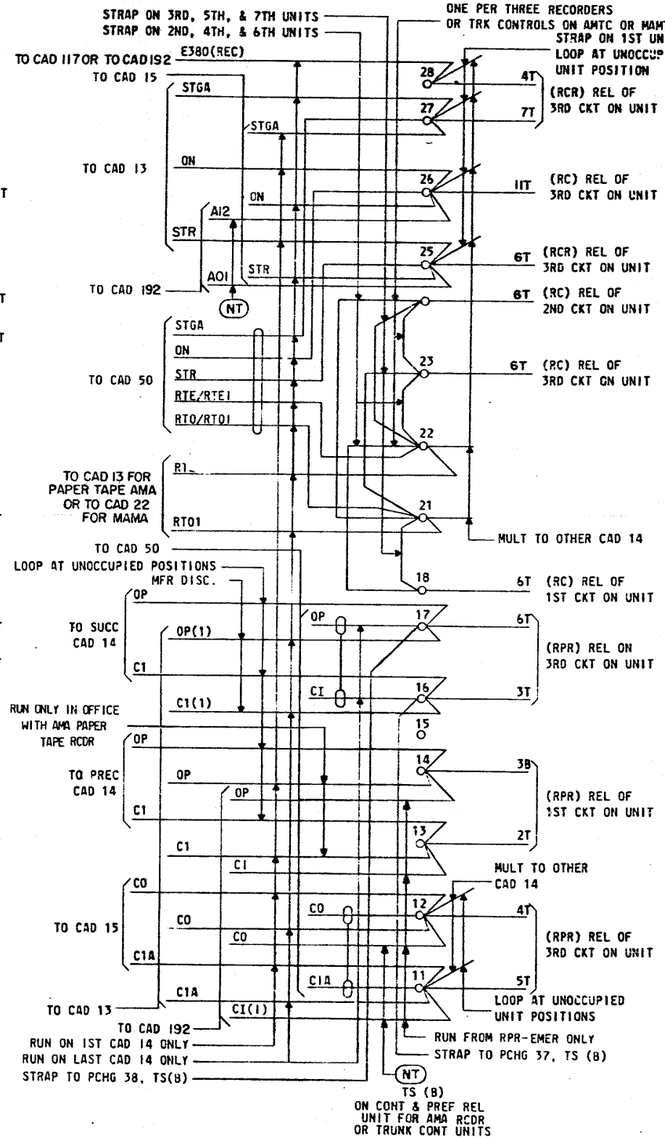
(FOR FIGURES 14,15,16,17,& 24)

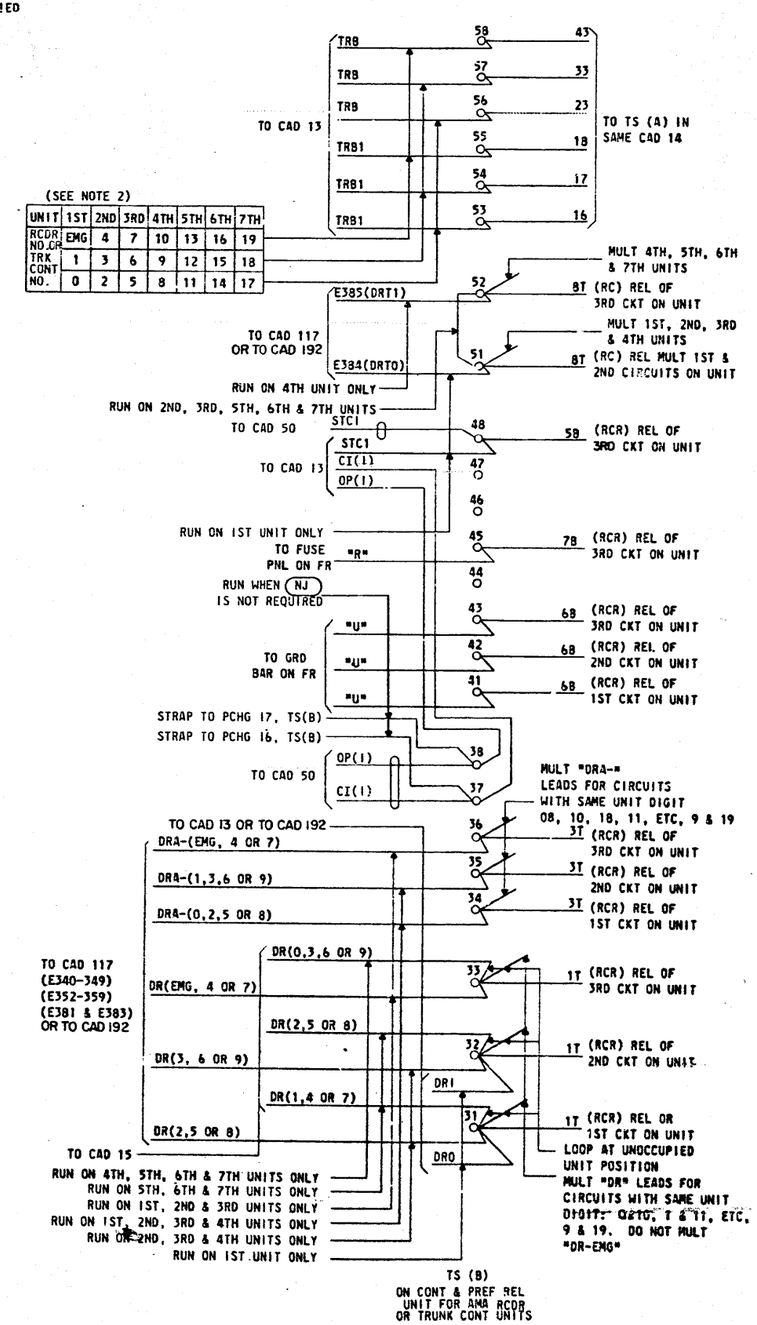


(SEE NOTE 2)

UNIT	1ST	2ND	3RD	4TH	5TH	6TH	7TH
RCDR NO.OR	EMG	4	7	10	13	16	19
TRK CONT NO.	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.





DRAWING ISSUE	
43D	SAV CLI IND
48D	REL
700	

ISSUE 80A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G45

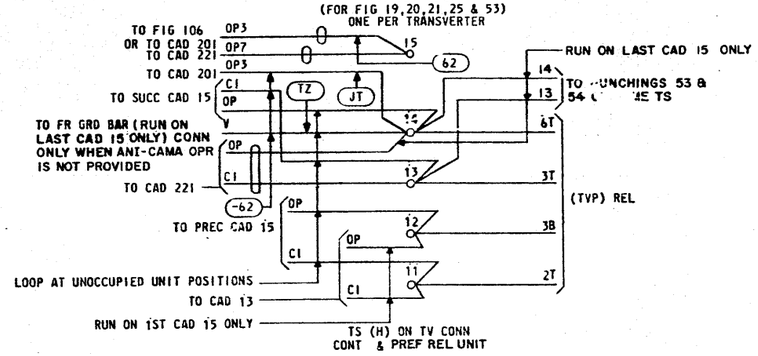
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G46

STABILO

CAD 15

(FOR FIG 19,20,21,25 & 53)
ONE PER TRANSVERTER



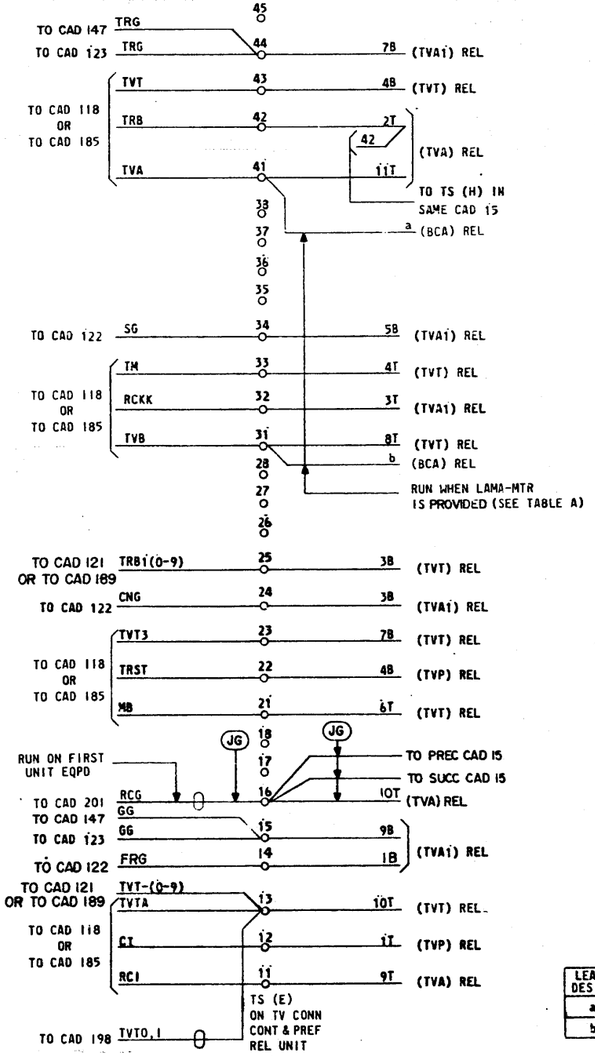
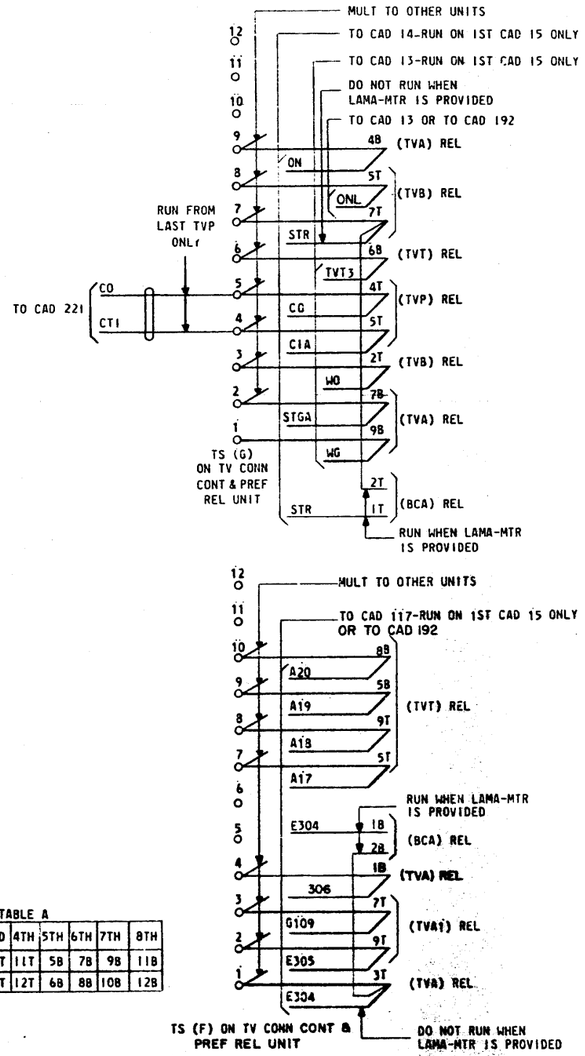
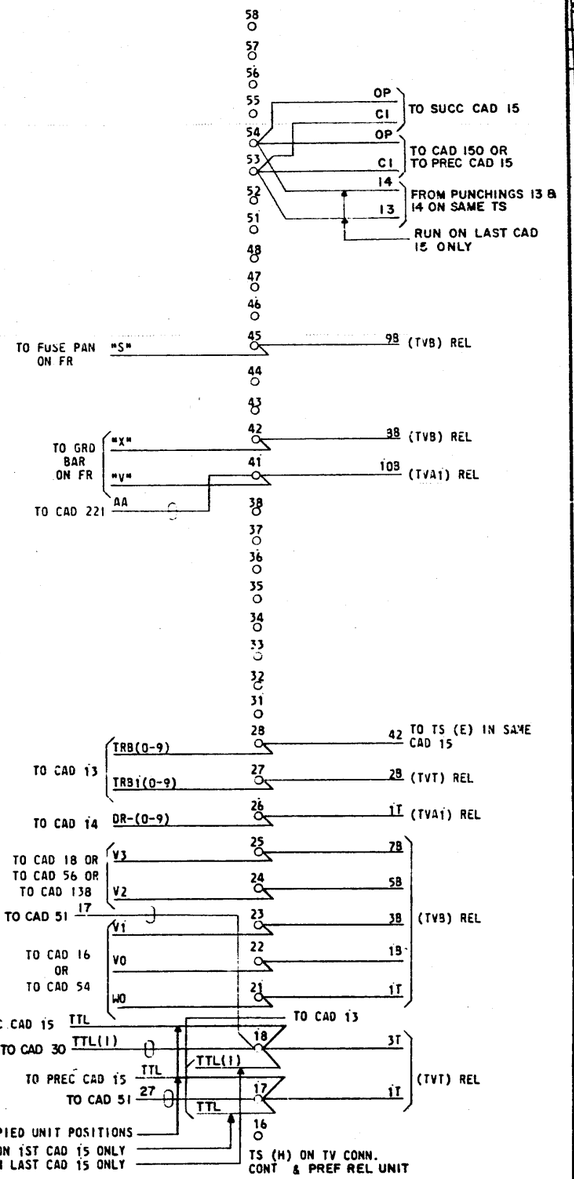


TABLE A

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 G1A.

DRAWING ISSUE	
43D	CL CLK
32D	PR
70D	
72A	

ISSUE 97A

© MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G46

BELL TELEPHONE LABORATORIES INCORPORATED 6S

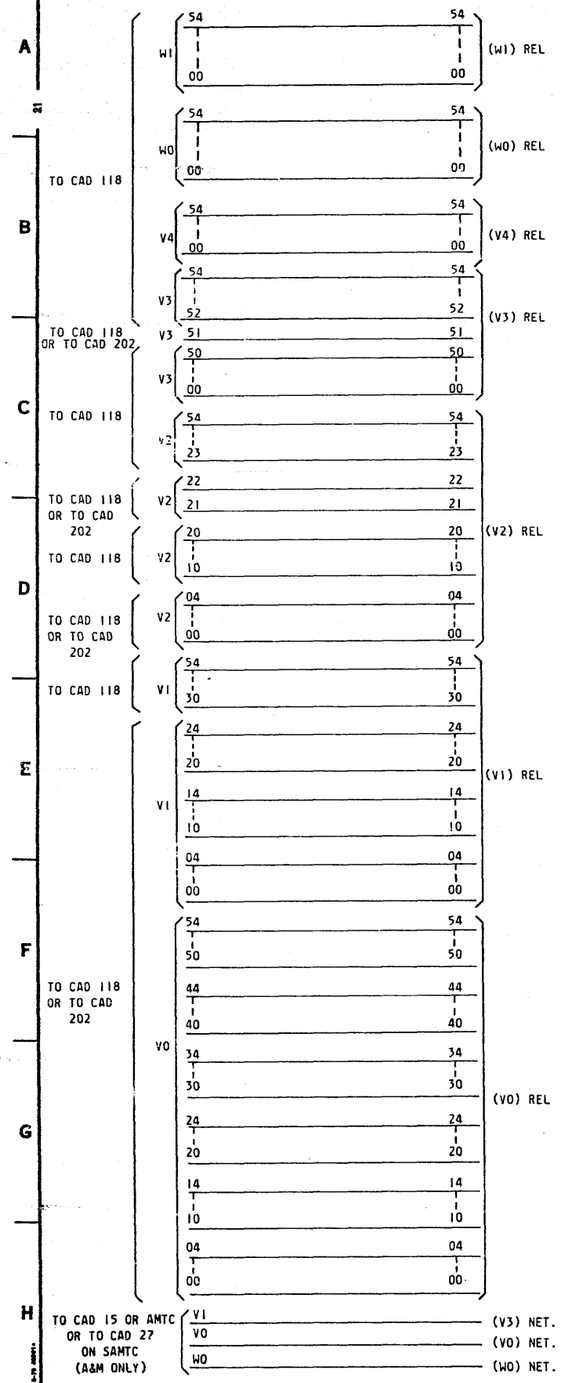
PRINTED IN U.S.A.

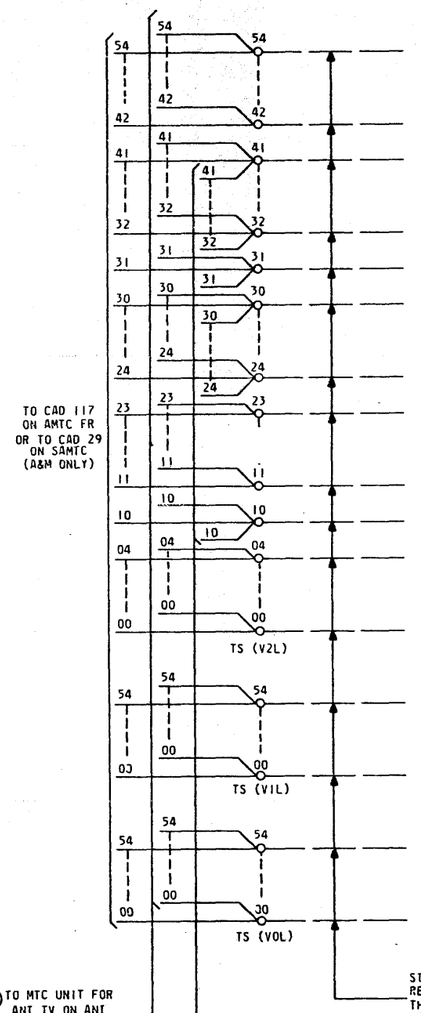
STABILOHM

0 1 2 3 4 5 6 7 8 9

CAD 16

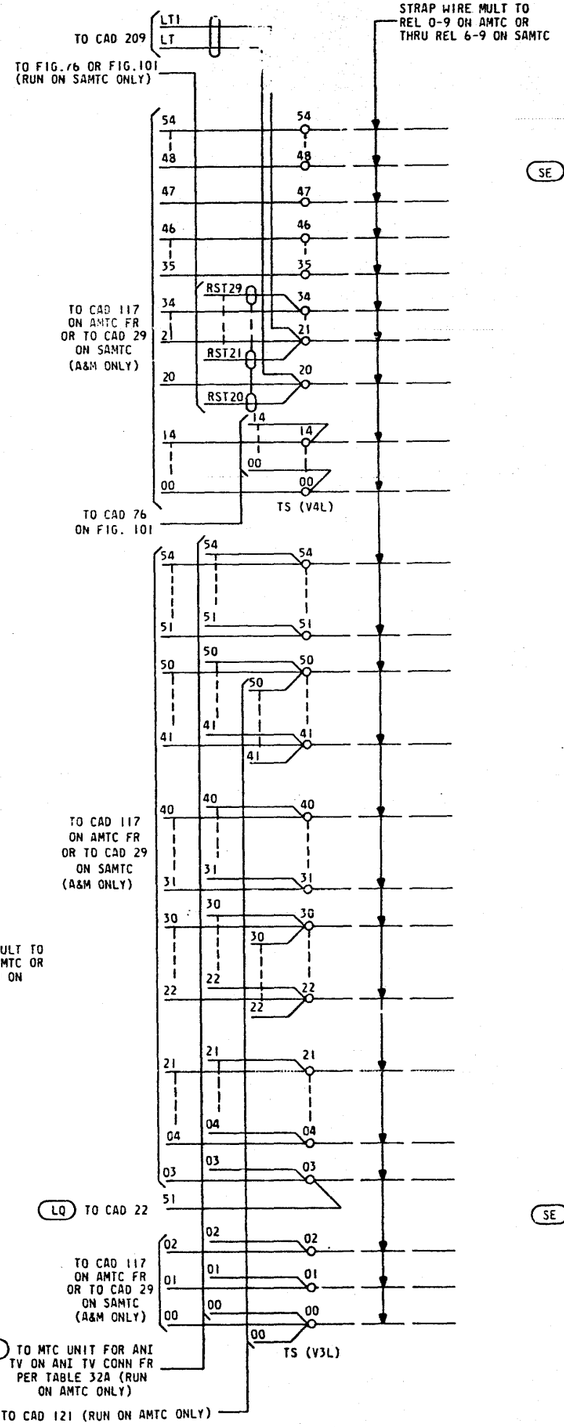
(FOR FIG. 153), CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5A)
ONE PER AMA OR CAMA TRANSVERTER

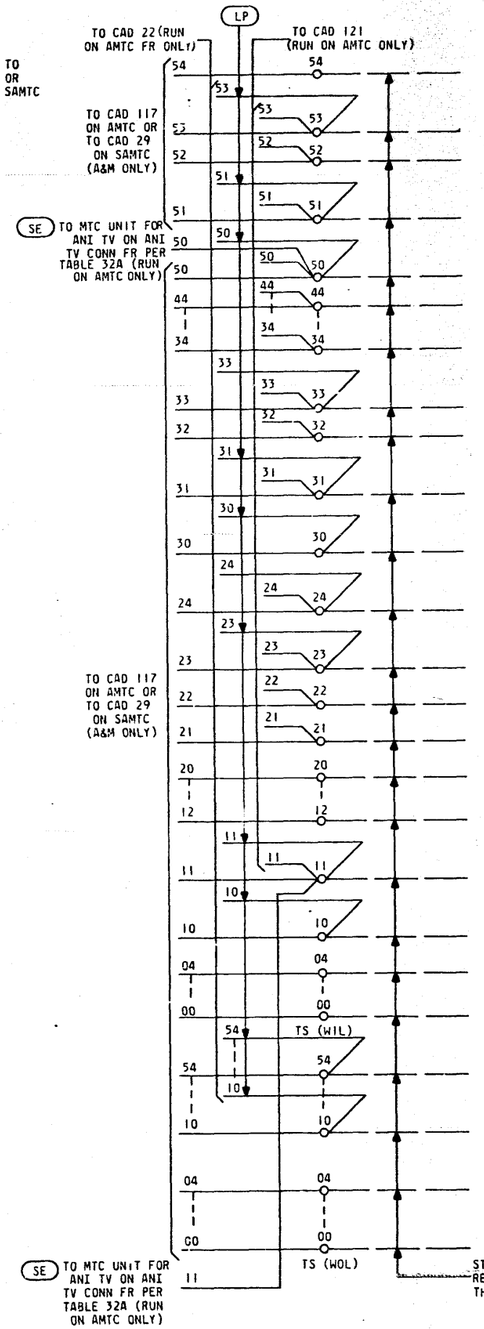




CAD 17

(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

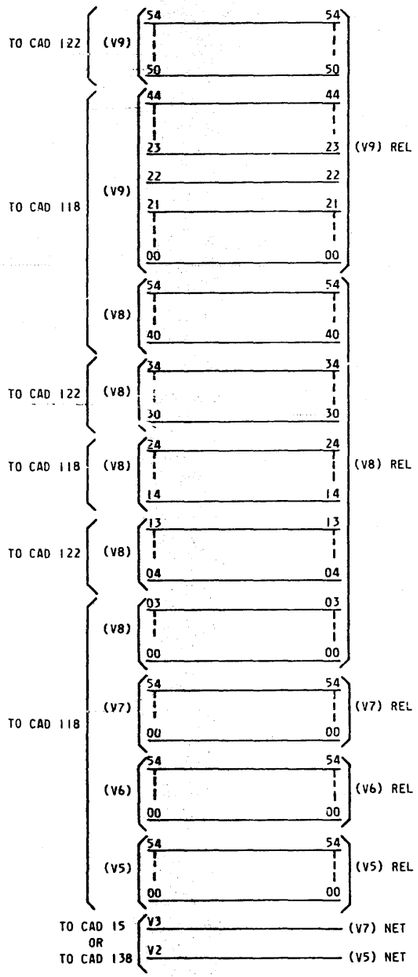
SD-25805-01-G47

BELL TELEPHONE LABORATORIES INCORPORATED

6S

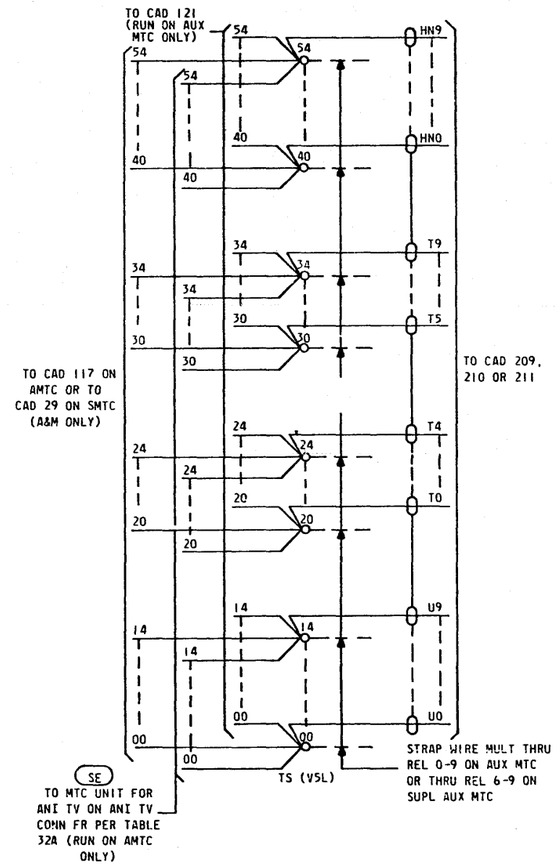
CAD 18

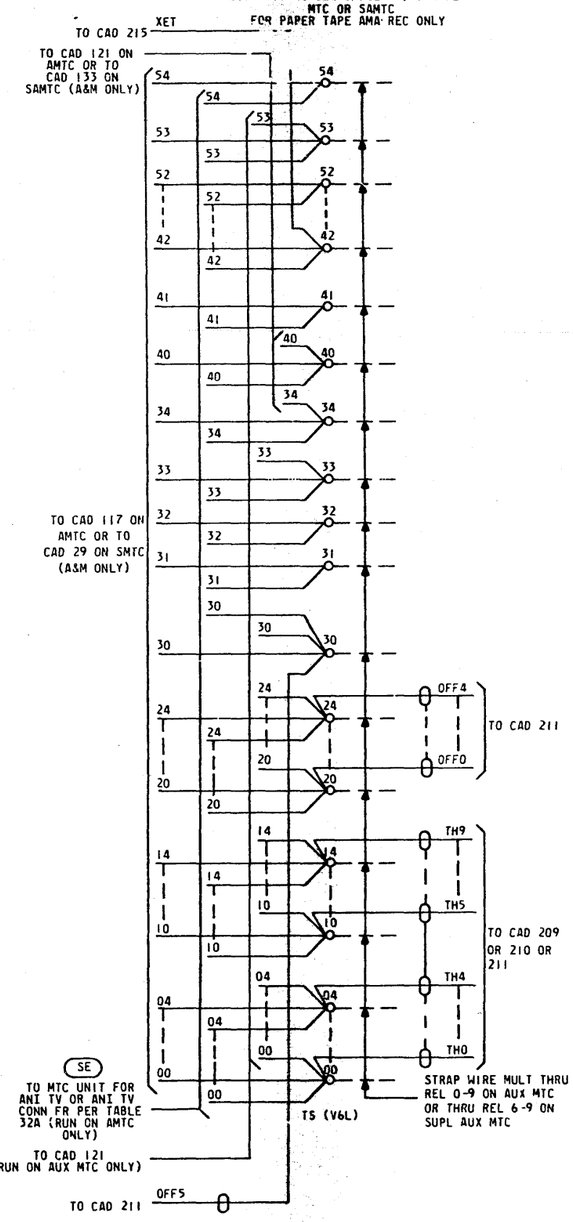
(FOR FIG 154), CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 58)
ONE PER AMA TRANSVERTER
FOR PAPER TAPE AMA REC ONLY

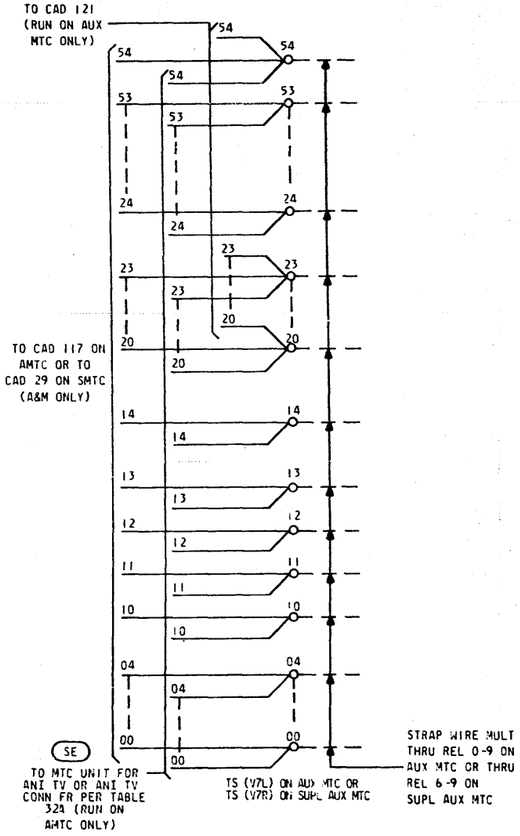


PART OF CAD 19

(FOR FIG 154), STRAP WIRE SIDE (FOR LEAD
DESIGNATIONS SEE TABLE 58) ONE PER
MTC OR SAMTC
FOR PAPER TAPE AMA REC ONLY







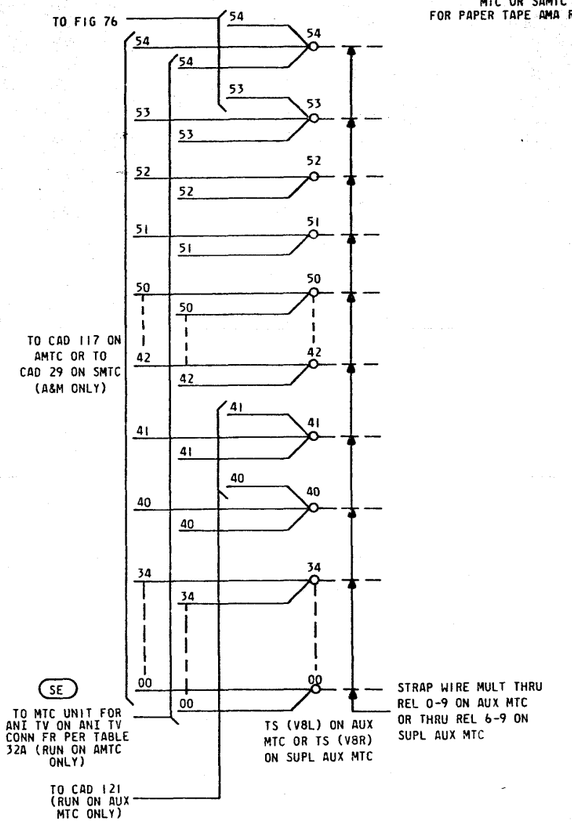
NOTES:

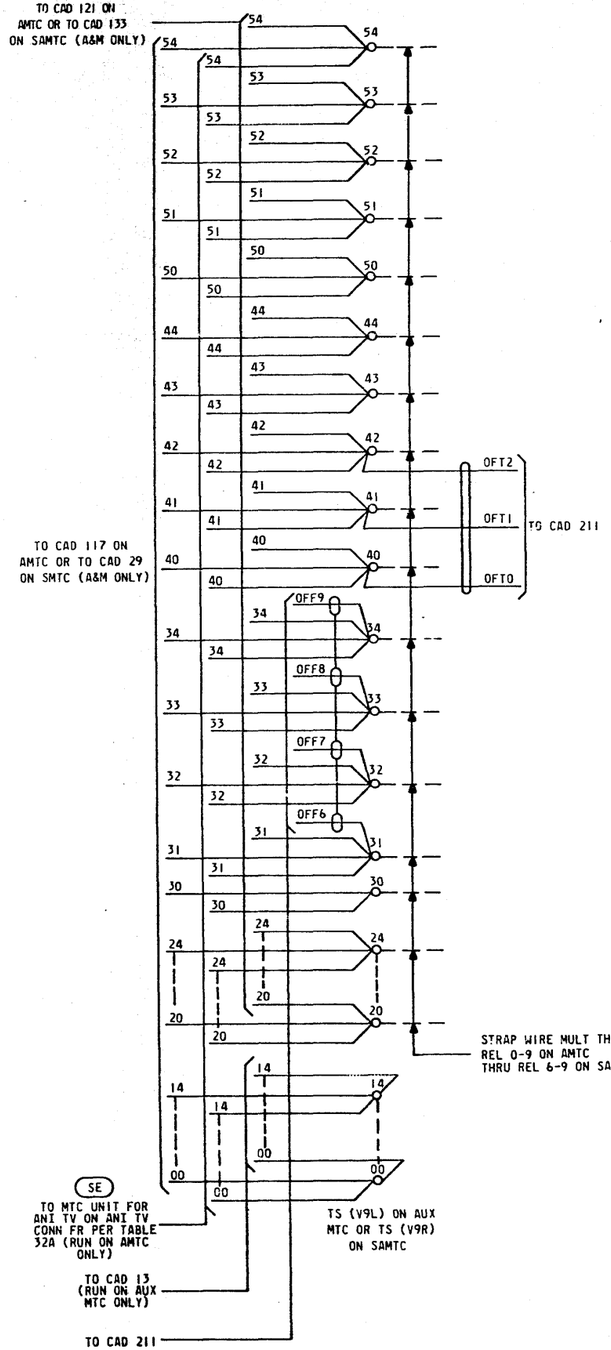
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES SD-25805-01-		G48A

PART OF CAD 19

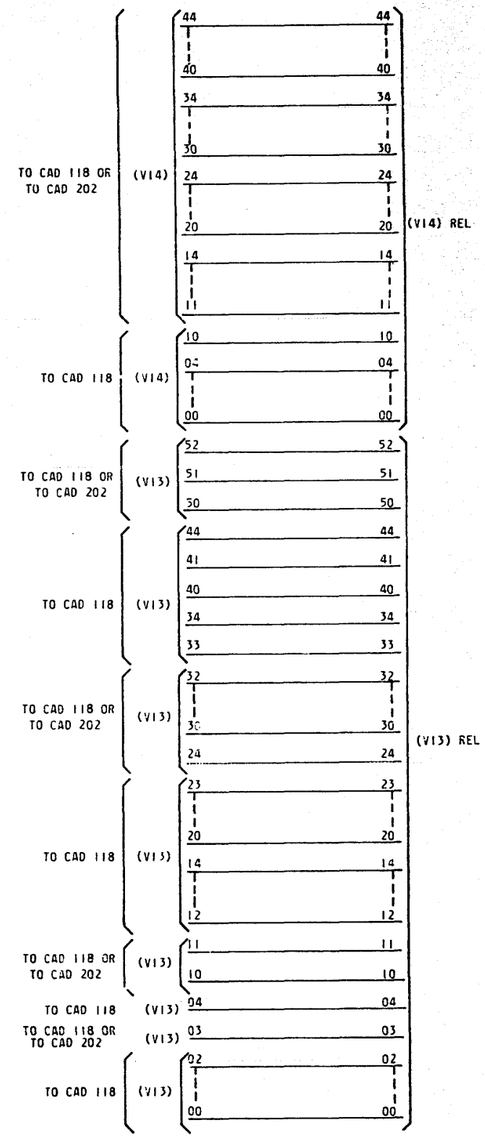
(FOR FIG 154), STRAP WIRE SIDE (FOR LEAD DESIGNATIONS SEE TABLE 58) ONE PER MTC OR SAMTC FOR PAPER TAPE AMA REC ONLY





PART OF CAD 20

(FOR FIG 155) CONTACT SIDE (FOR LEAD DESIGNATIONS SEE TABLE 5C) ONE PER CAMA TRANSVERTER



NOTES:

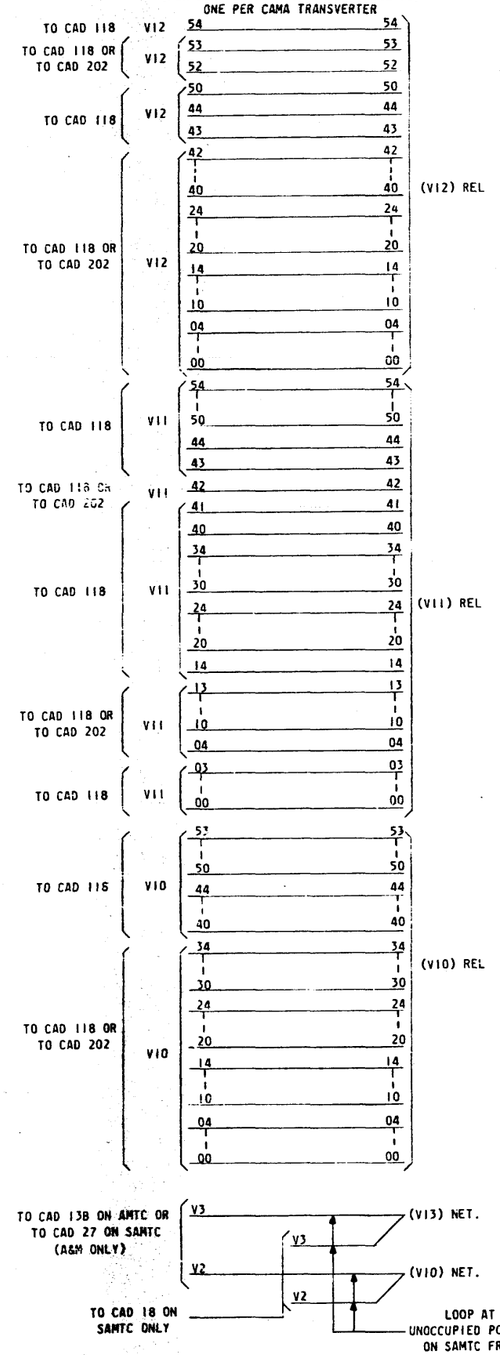
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 96B
BELL LABORATORIES	SD-25805-01-		G48B

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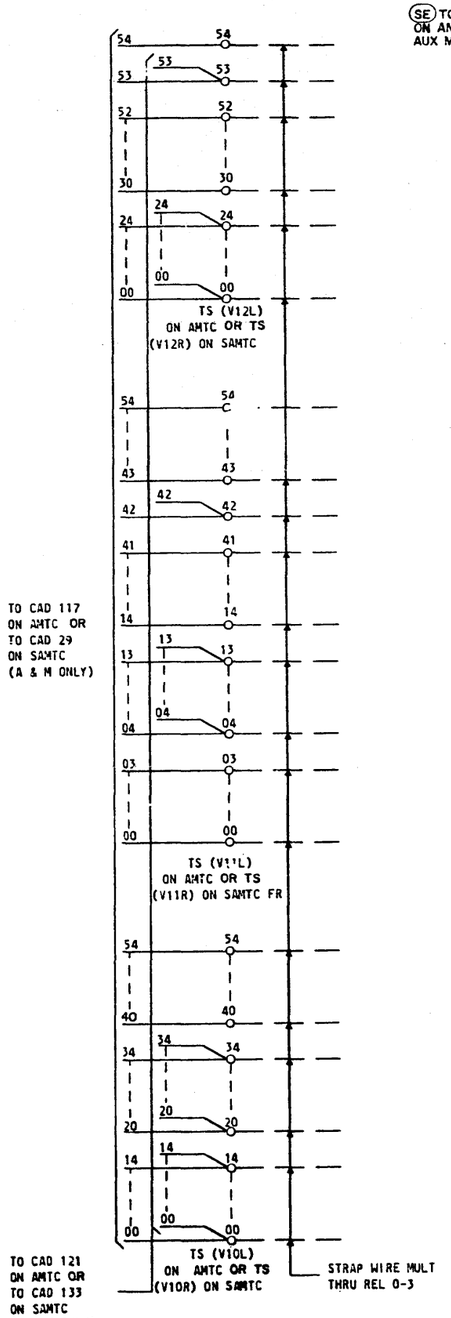
CAD 20

(FOR FIG. 155),CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5C)
ONE PER CAMA TRANSVERTER



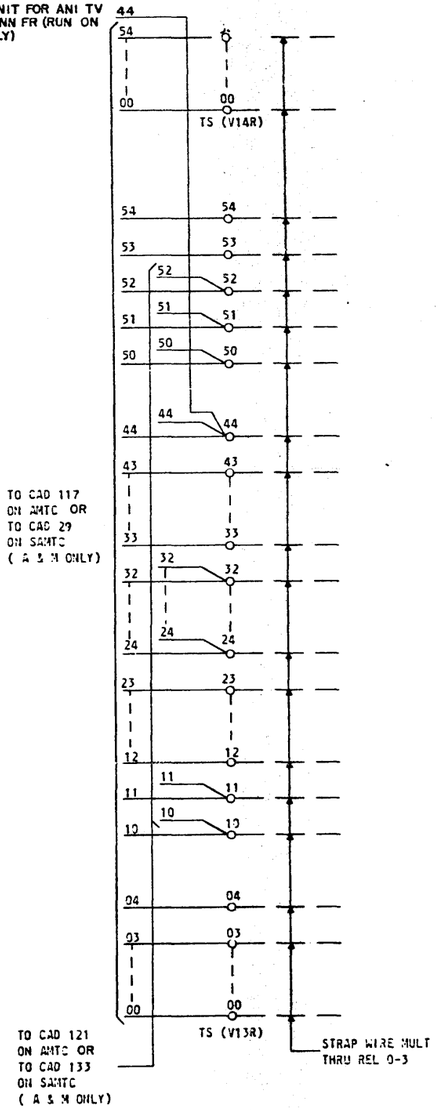
CAD 21

(FOR FIG. 155),STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5C)
ONE PER AMTC OR SAMTC



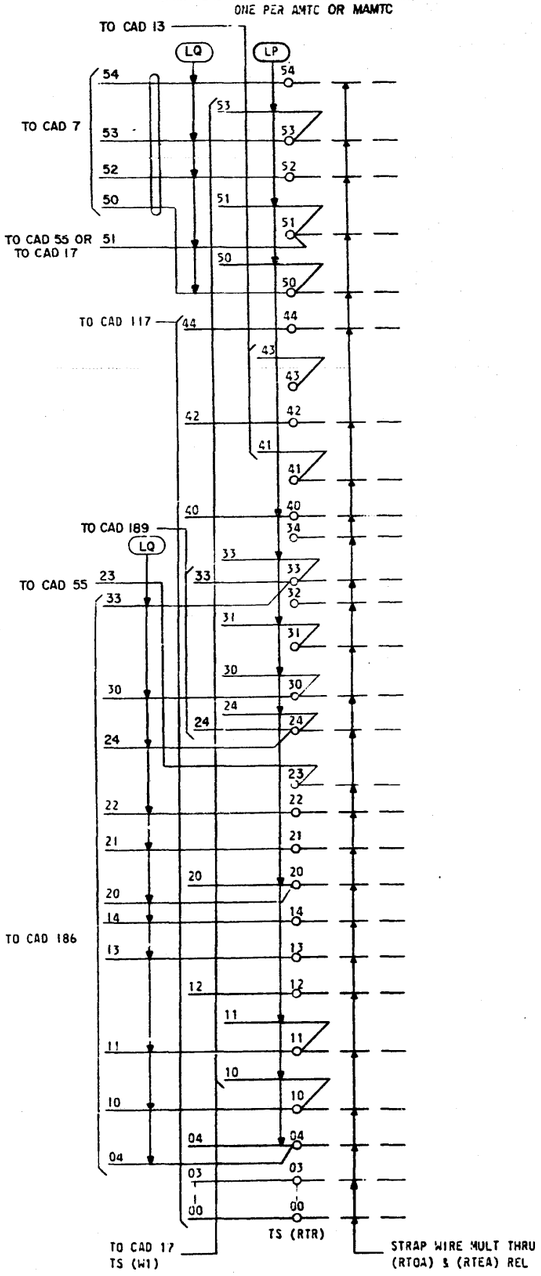
(SE) TO MTC UNIT FOR ANI TV ON ANI TV CONN FR (RUN ON AUX MTC ONLY)

TO CAD 117 ON AMTC OR TO CAD 29 ON SAMTC (A & M 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.

DRAWING ISSUE
43D KEG CLK 2nd
70D

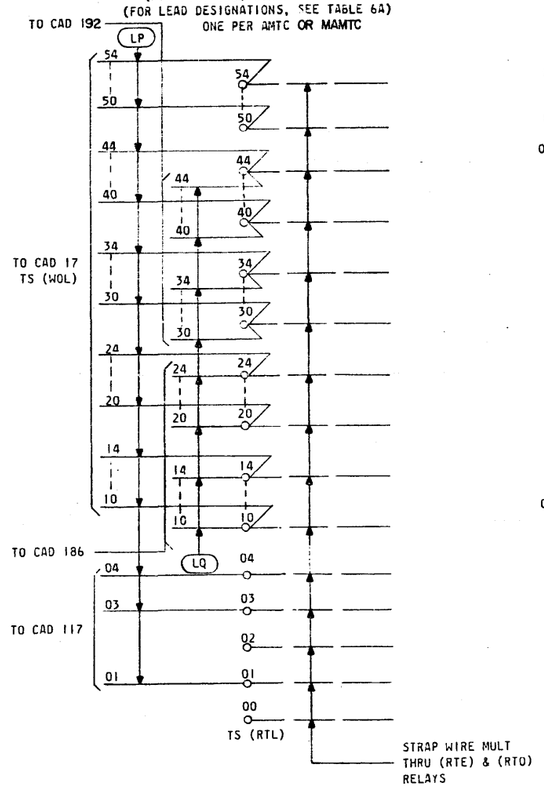
ISSUE 96B

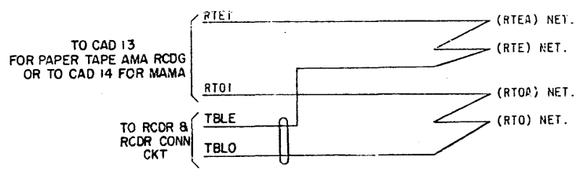
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G49
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-049

PART OF CAD 22

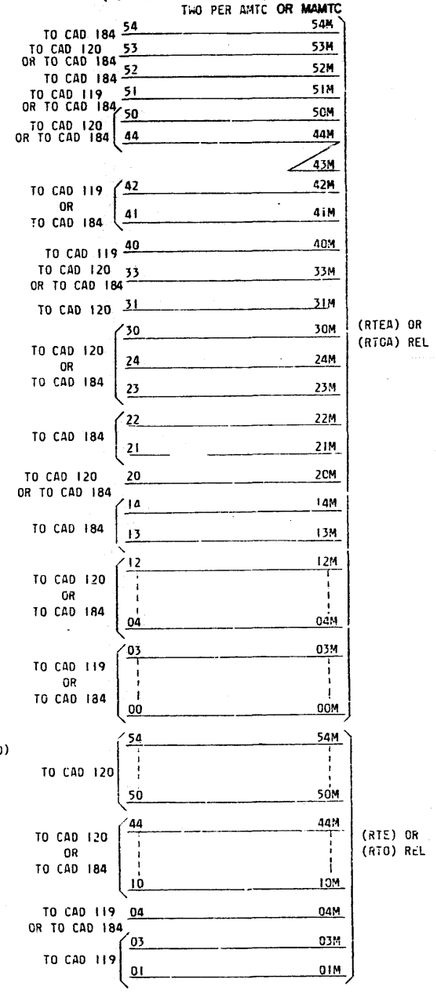
(FOR FIG. 156, STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS, SEE TABLE 6A)
ONE PER AMTC OR MAMTC





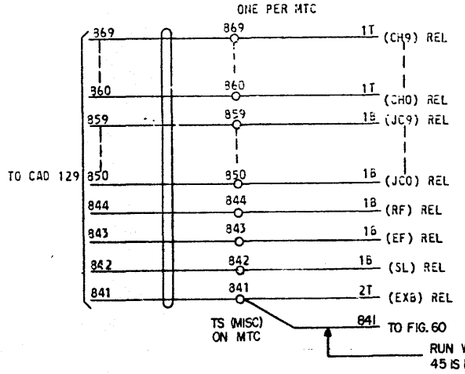
CAD 23

(FOR FIG. 156, CONTACT SIDE
(FOR LEAD DESIGNATIONS, SEE TABLES 6A OR 6B)
TWO PER AMTC OR MAMTC



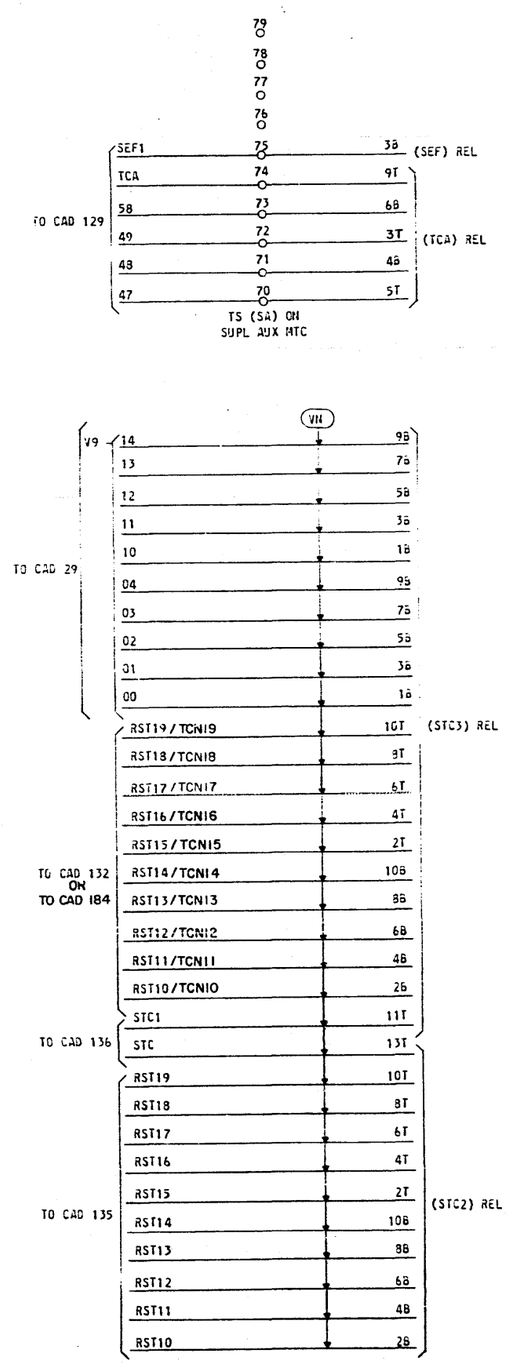
(VJ) CAD 24 (A&M ONLY)

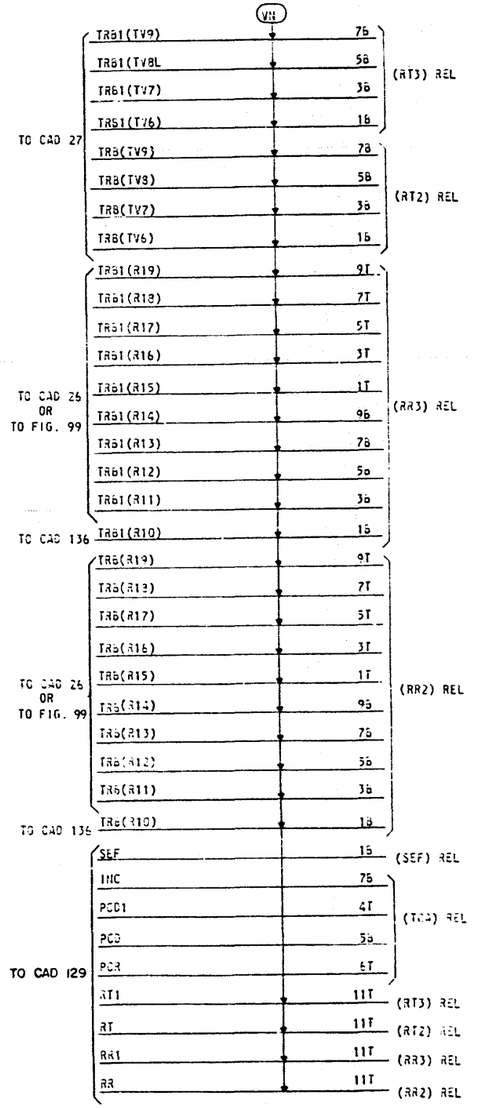
(FOR FIG. 11 (JCO-9,EF, & RF RELAYS ONLY)
FIG. 12,44, & 45)
ONE PER MTC



(VJ) CAD 25 (A&M ONLY)

(FOR FIG. 11 ("WO" OPTION ONLY), 22 ("WC & "WD" OPTIONS ONLY),
29 ("WD" OPTION ONLY), & 157)





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE 614.

DRAWING ISSUE
43D
700

ISSUE 90B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-650

BELL TELEPHONE LABORATORIES INCORPORATED
SIZE 6S

SD-25805-01-650

STABILOK

SEE NOTE 2

UNIT	1ST	2ND	3RD
RCDR NO. OR TRK CONT	13	16	19
	12	15	18
	11	14	17

TO CAD 132 OR TO CAD 184

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

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

TRB1 18 8B (RC) REL OF 3RD CKT ON UNIT
TRB1 17 8B (RC) REL OF 2ND CKT ON UNIT
TRB1 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 (RCR) REL
TO CAD 50
TO CAD 136 STGA STGA 27 7T
STGA
ON
TO CAD 129 ON 26 11T (RC) REL
STR
TO CAD 27 STR 25 6T (RCR) REL
RUN ON 1ST CAD 26 ONLY 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
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
OP
TO SUCC CAD 26 OP(1) OP 17 6T
C1 (RPR) REL OF 3RD CKT ON UNIT
TO CAD 136 C1(1) C1 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 CO 12 4T
CO (RPR) REL OF 3RD CKT ON UNIT
CIA
CIA CIA 11 5T
C1A
RUN ON LAST CAD 26 ONLY MULT TO OTHER CAD 26
TO CAD 27 RUN ON 1ST CAD 26 ONLY
TO CAD 50

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

TO CAD 25
TRB 58 43
TRB 57 33
TRB 56 23 TO TS (A) IN SAME CAD 26
TRB1 55 13
TRB1 54 17
TRB1 53 16
TO CAD 29 E385 (DRTI) 52 3T (RC) REL OF 3RD CKT ON UNIT
RUN ON 1ST RUN ONLY 51 9T (RC) REL MULT 1ST AND 2ND CIRCUITS ON UNIT
MULT TO OTHER CAD 26

48 5B (RCR) REL OF 3RD CKT ON UNIT
47
46
TO FUSE PAN. ON FR R 45 7B (RCR) REL OF 3RD CKT ON UNIT
RUN WHEN (NJ) IS NOT REQUIRED 44
U 43 6B (RCR) REL OF 2ND CKT ON UNIT
TO GRD BAR ON FR U 42 6B (RCR) REL OF 1ST CKT ON UNIT
U 41 6B
CI(1)
TO CAD 136 OP(1)
OP(2) 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)
DR(3,6, OR 9) 33 1T (RCR) REL OF 3RD CKT ON UNIT
TO CAD 29
DR(3)
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
LOOP AT UNOCCUPIED UNIT POSITION
RUN ON 3RD UNIT ONLY

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 GIA.
2. SEE CAD 50 FOR RECORDERS 20-29.

DRAWING ISSUE
43D JM CLK
48D RLC LL AMD
70D

ISSUE 79D

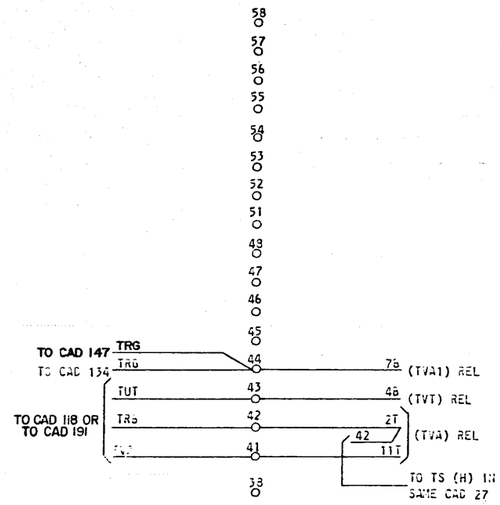
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01- G51
BELL TELEPHONE LABORATORIES INCORPORATED
SHEET CODE 6S
PRINTED IN U.S.A.

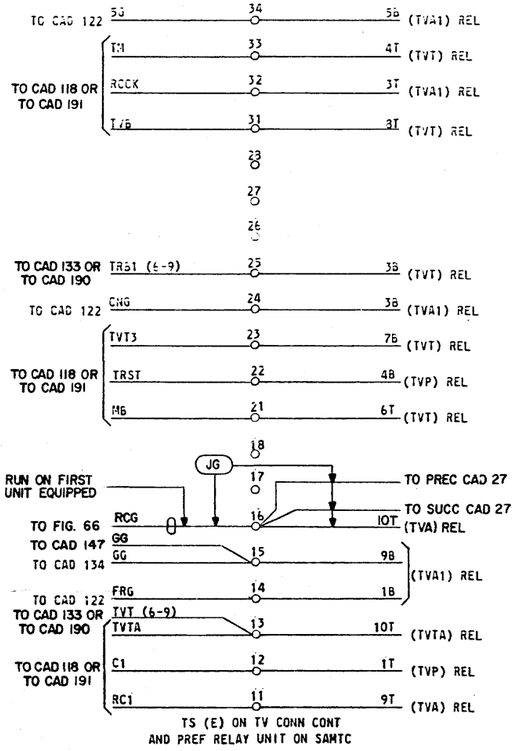
SD-25805-01-G51

STABILO K&E

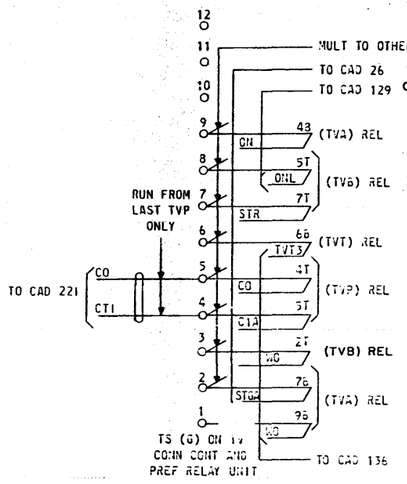
(VN) CAD 27 (A & M ONLY)

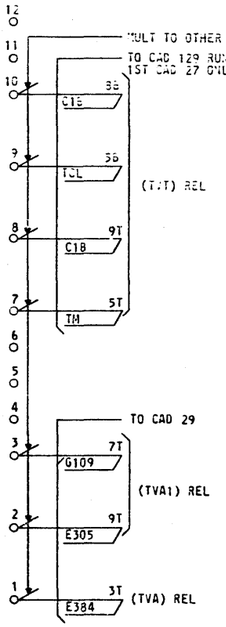
(FOR FIG. 20,21 & 25)
ONE PER TRANSVERTER (TV6-9)



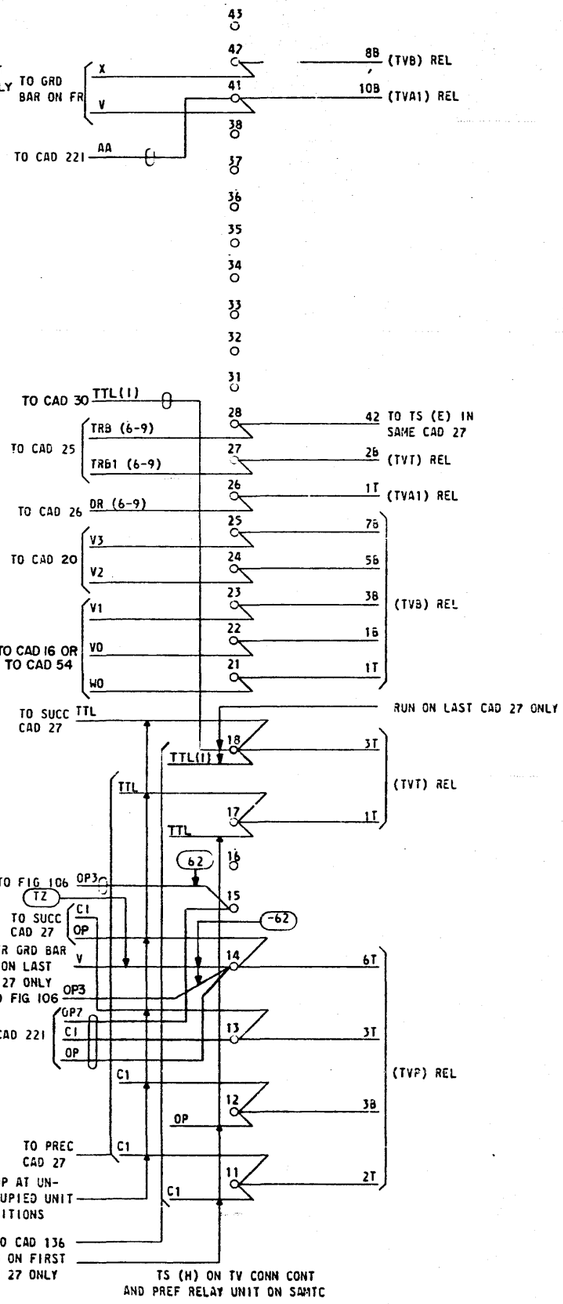


TS (E) ON TV CONN CONT AND PREF RELAY UNIT ON SAMTC

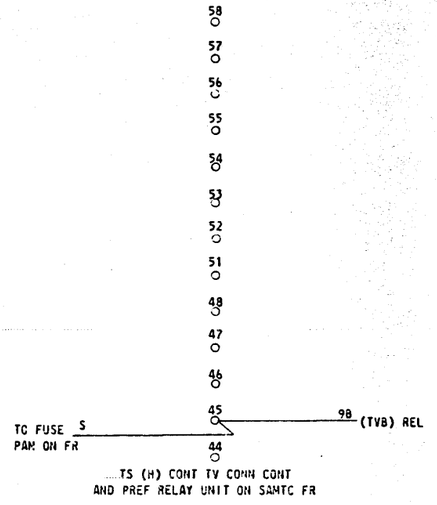




TS (F) ON TV CONN CONT AND PREF RELAY UNIT



TS (H) ON TV CONN CONT AND PREF RELAY UNIT ON SAMTC



TS (H) CONT TV CONN CONT AND PREF RELAY UNIT ON SAMTC FR

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

	EM	CLR	AM
43D			
70D			
72A			

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G52

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

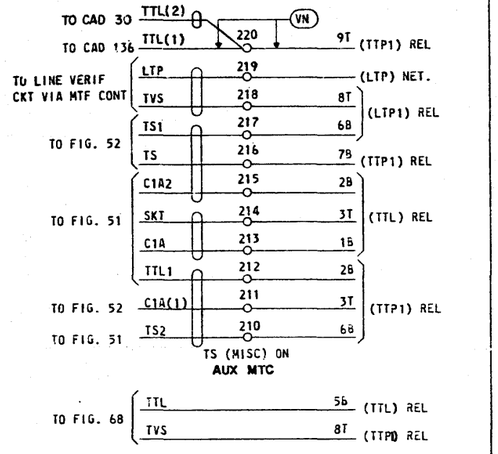
PRINTED IN U.S.A.

SD-25805-01-G52

STABILO

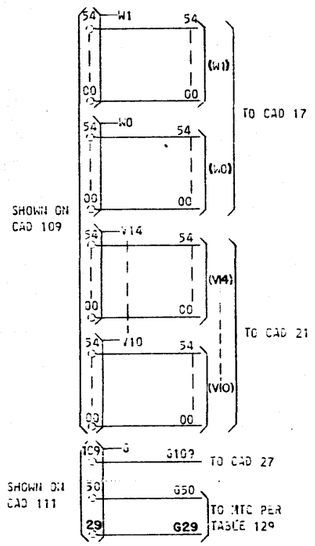
CAD 28 (A&M ONLY)

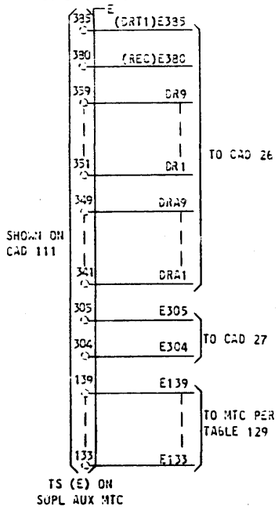
(FOR FIG. 48 & 49)

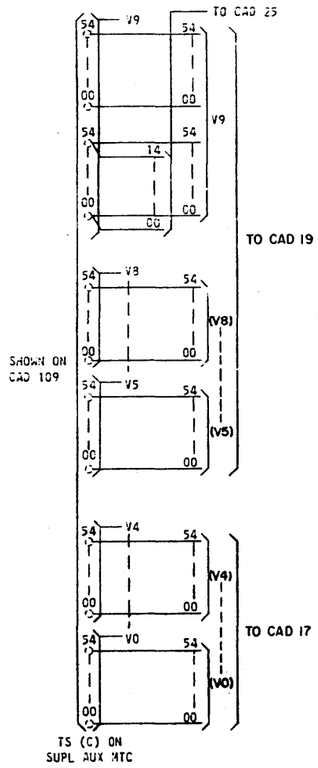


VN CAD 29 (A&M ONLY)

LEADS TO TS (C),(E) & (G) REQUIRED ON SUPL AUX MTC ONLY (ONE PER SUPL AUX MTC)



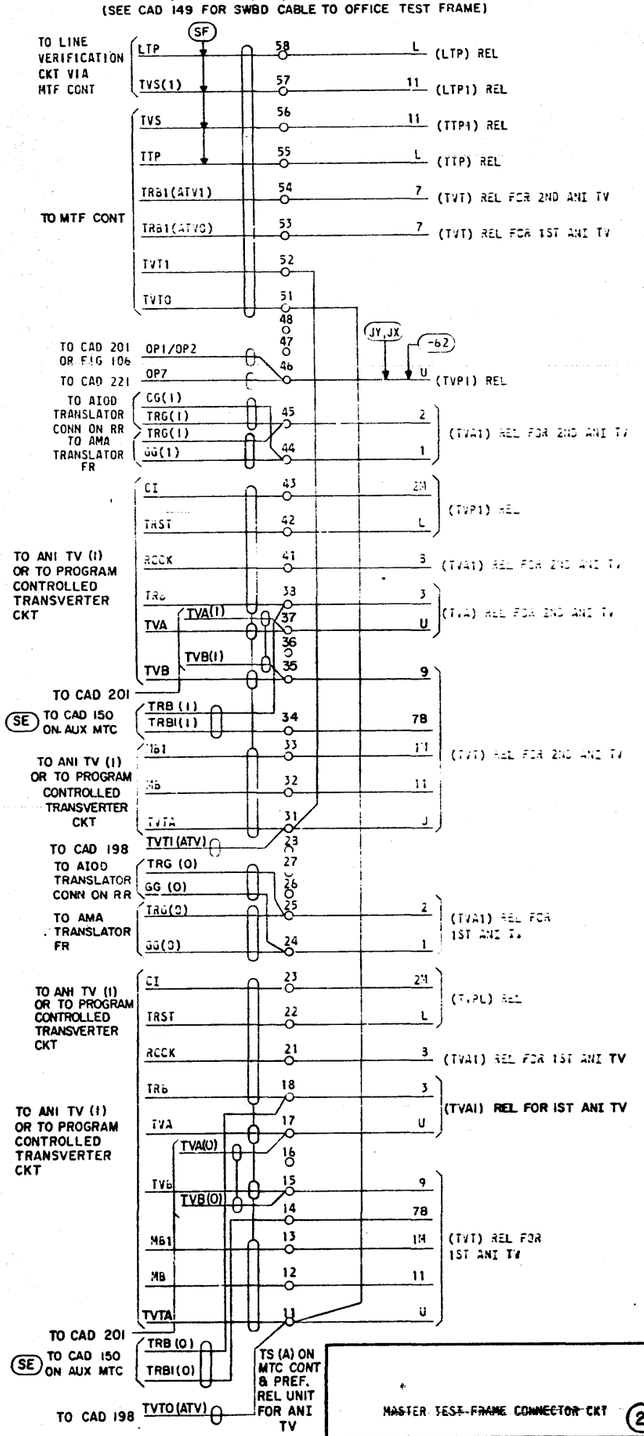




PART OF CAD 30

(FOR FIG. 159, 160, 162 & 168) (ONE PER MTC)

(SEE CAD 149 FOR SWBD CABLE TO OFFICE TEST FRAME)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 PEC CL4 H9
700 C5
72A B

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G53

BELL TELEPHONE LABORATORIES INCORPORATED 6S

STABILO K&E

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)

53 — 4M
52 — 2 — (TVPO) REL
51 — 6B
48 — 6 — (TVT) REL FOR 1ST ANI TV

TO CAD 28 OR 131 OR FIG.68 — TTL(2) — 47 — 6B — (TVT) REL FOR LAST ANI TV
TO CAD 221 — CI — 46 — 2 — (TVP1) REL

TO CAD 101 ON MTC — G109, E351, E350, E305, E304, E306

TVT — 45 — 11 — (TVA1) REL FOR 1ST ANI TV
DR1 — 44 — 9 — (TVA1) REL FOR 1ST ANI TV
DRO — 43 — 9
TM — 42 — 12 — (TVA1) REL FOR 1ST ANI TV
TV — 41 — 11
38 — 10 — (TVA) REL FOR 1ST ANI TV

(SF) TO FIG.60 ON MTC (A&M ONLY) — 37

(SF) TO FIG.52 ON MTC (A & M ONLY) — A24, A23, A22, A21, A20, A19, A18, A17, A16, A15, A14, A13, A12, A07, A06, A05, A04, A03, A02, A01, A00, CTI, TTL

TS1 — 36 — 35 — 1 — (LTP1) REL
TS2 — 34 — 1
C1A(1) — 33 — 12B — (TTP1) REL
TS — 32 — 1M
C1T — 31 — 2
TCL — 28 — 3M
C1B — 27 — 9M
TM — 26 — 10M — (TVT) REL FOR 1ST ANI TV
C1A2 — 25 — 7
C1A — 24 — 7B — (TTL) REL
TTL1 — 23 — 2 — (TTP1) REL
SKT — 22 — 4B — (TTL) REL
ON — 21 — 2 — (TVA) REL FOR 1ST ANI TV
ONL — 18 — 10 — (TVA1) REL FOR 1ST ANI TV
RT1 — 17 — U — (RT1) REL
RT — 16 — U — (RT) REL
OP — 15 — 6B — (TTP) REL
PR1 — 14 — 2B — (LTP) REL
13 — 8B — (TTL) REL
STR — 12 — 8 — (TVB) REL
C1A(3) — 11 — 2 — (TTP) REL
4 — (TVPO) REL

(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)

TS(8) ON MA TST CONN CONT & PREF REL UNIT FOR ANI TV

FR LC — (62)

TO FR GRD BAR — "AA" GRD — 38
TO CAD 221 — AA
TO FR GRD BAR — 37 — 6M — (TVP1) REL
36
35

TO CAD 31 ON MA TST CONN UNIT FOR ANI TV — V1(1), VO(1), V1(1), VO(0)

34 — 2
33 — 1 — (TVB) REL FOR 2ND ANI TV
32 — 2
31 — 1 — (TVB) REL FOR 1ST ANI TV

TO CAD 221 — TRB-, TRB-, TRB-, TRB1-, TRB1-, TRB1-

28 — 10M
27 — 8M — (RT) REL
26 — 6M
25 — 10M — (RT1)REL
24 — 8M
23 — 6M
22
21

TO CAD 31 ON MA TST CONN UNIT FOR ANI TV — AB
"AB" BAT. — 18
TO FRAME FUSE PANEL — "AA" BAT. — 17 — L — (RTI) REL
16
15

TO FRAME GRD BAR — "AC" GRD, "AB-1" GRD, "AB-0" GRD, "AA" GRD

14 — 2M — (RTI) REL
13 — 1M — (TVB) REL FOR 2ND ANI TV
12 — 1M — (TVB) REL FOR 1ST ANI TV
TO CAD 221 — OP — 11 — U — (TVP1) REL

-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 OR SWBD CA

58
57
56

TO ANI TV CONN — FRG(1), CNG(1), SG(1)

55 — 5
54 — 4
53 — 3 — (TVA1) REL FOR 2ND ANI TV

TO ANI TV OR PCTV CKT VIA ANI TV CONN — TM(1)
TO ANI TV OR PCTV CKT — TVT(1)
TO CAD 51 — 17

52 — 10
51 — 3 — (TVT) REL FOR 2ND ANI TV
48 — 6B
47
46

TO ANI TV CONN — FRG(0), CNG(0), SG(0)

45 — 5
44 — 4
43 — 3 — (TVA1) REL FOR 1ST ANI TV

TO ANI TV OR PCTV CKT VIA ANI TV CONN — TM(0)
TO ANI TV OR PCTV CKT — TVT(0)

42 — 10
41 — 3 — (TVT) REL FOR 1ST ANI TV

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 GIA.

DRAWING ISSUE
43D
52D
70D
72A

ISSUE 101A

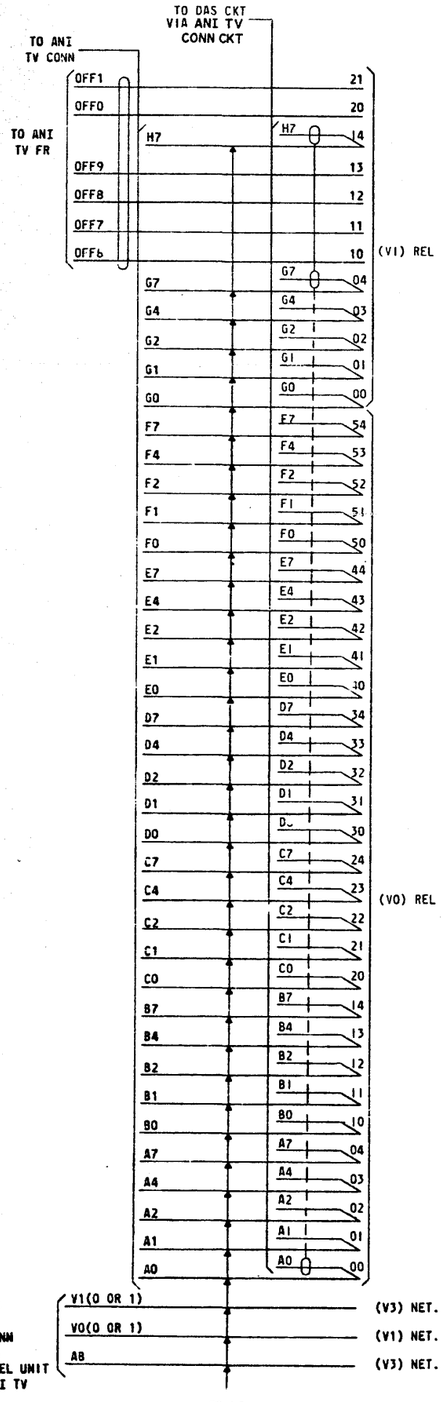
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G54
BELL TELEPHONE LABORATORIES INCORPORATED
SHEET 6S

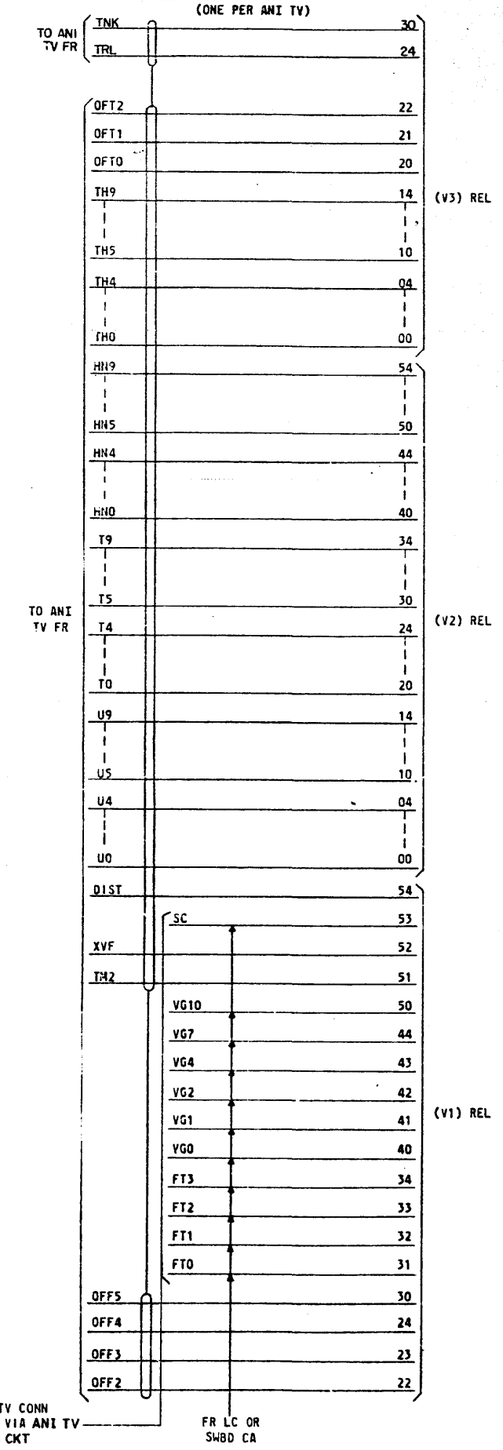
SD-25805-01-G54

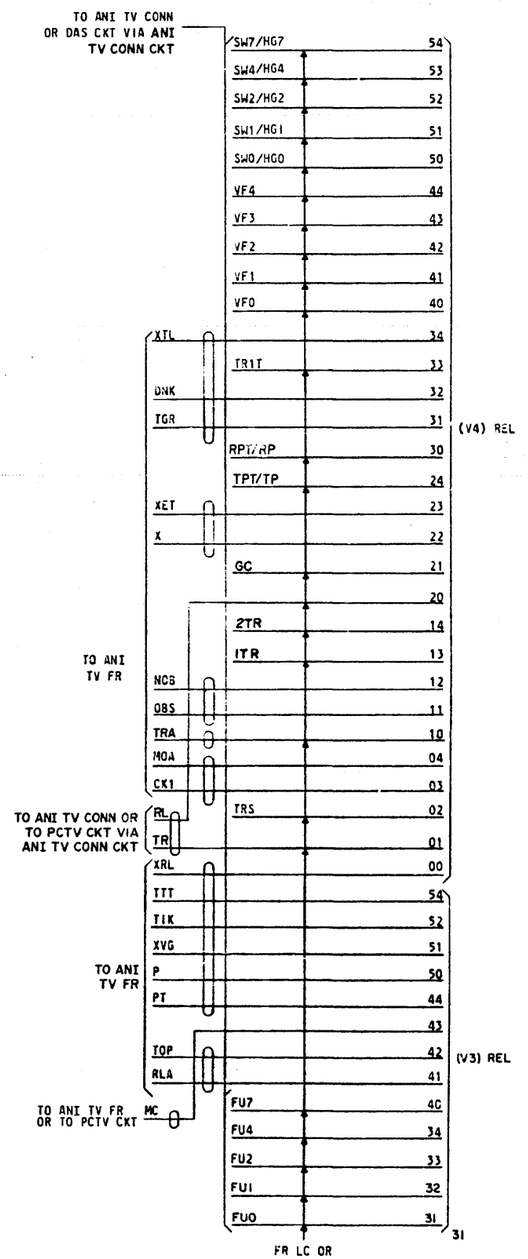
STABILO BOSS 1148 ASSEMBLY LEAF 1
E-74681 10-032

CAD 31

(FOR FIG. 161), CONTACT SIDE
FOR LEAD DESIGNATIONS SEE TABLE 5E
(ONE PER ANI TV)







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 AM AL AG
70D

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G55

BELL TELEPHONE LABORATORIES INCORPORATED

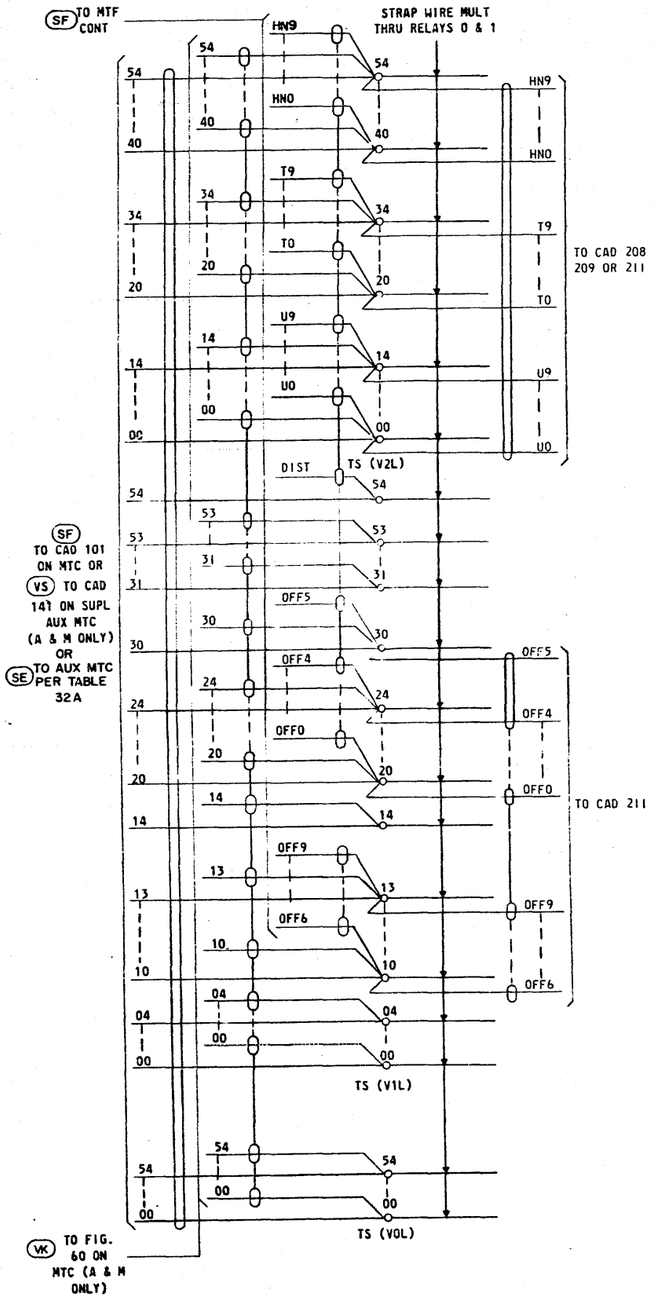
6S

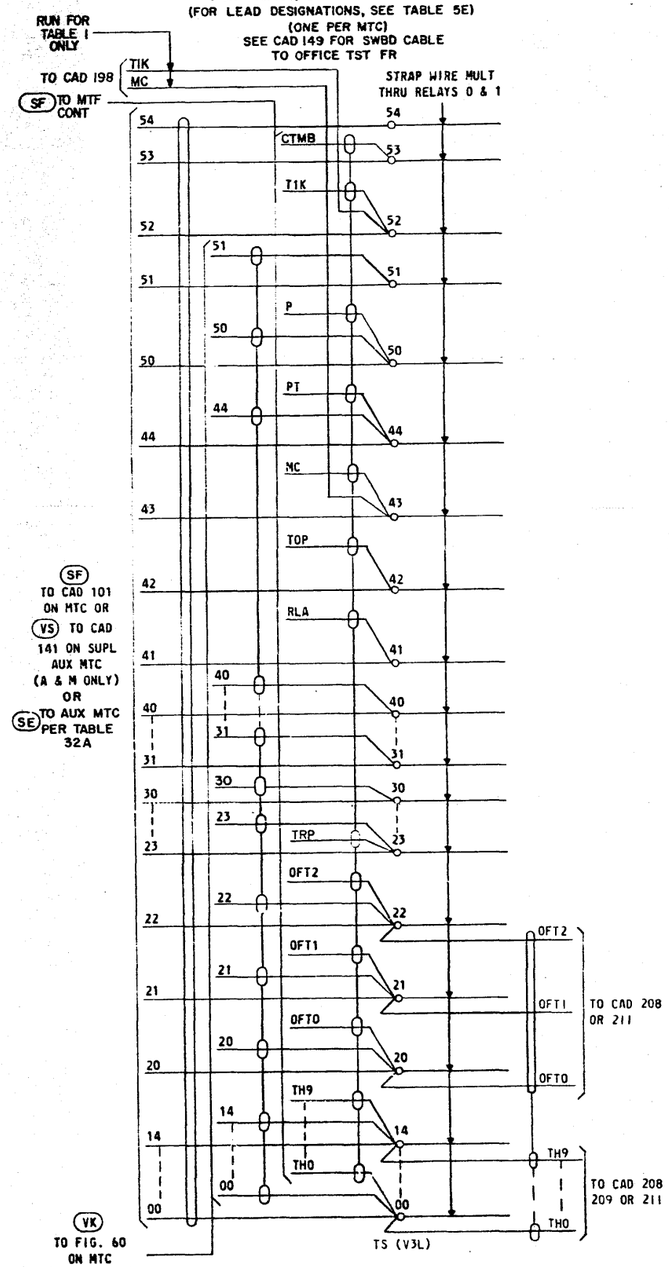
SD-25805-01-G55

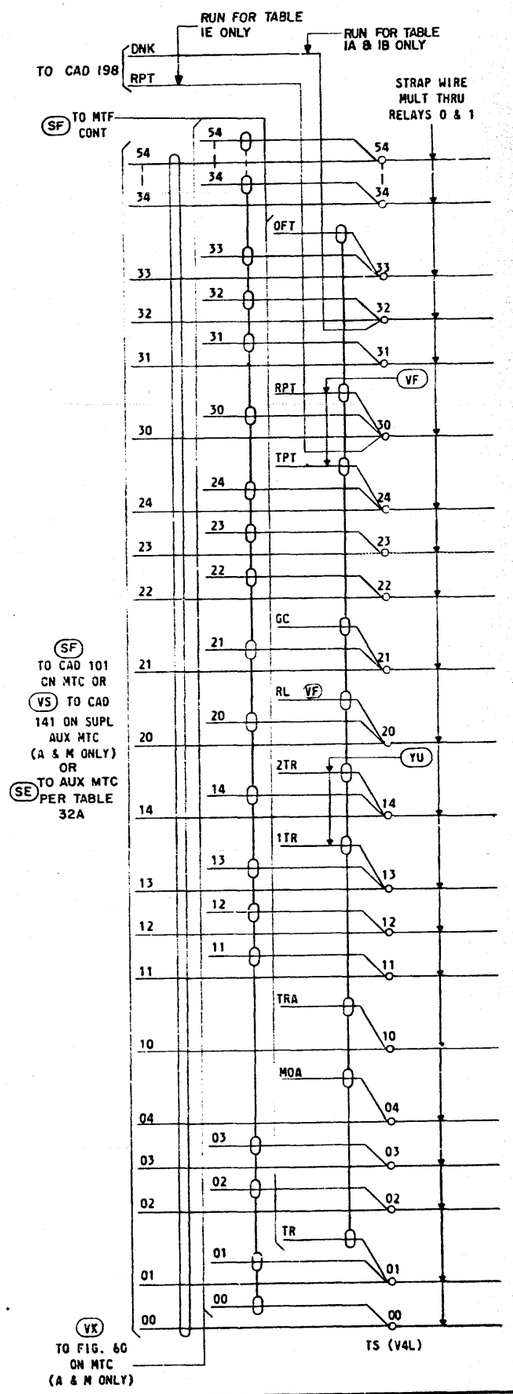
STABILO

CAD 32

(FOR FIG. 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	
43D	ETM CLK ANS
52D	JLD PDV ADD
TOD	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G56

BELL TELEPHONE LABORATORIES INCORPORATED

6S

CAD 33 (MFR DISC.)

(FOR FIG. 163), CONTACT SIDE
ONE PER COMPL MKR SEE TABLE 2C FOR LEAD DESIG
(REPLACED BY CAD 38)

COMPL MKR 4 WIRE LC

D2 — (D2) REL
D1 — (D1) REL
D0 — (D0) NET.

TO COMPL MKR CKT

TO FIG. 55 (A&M ONLY) D0
OR TO CAD 3 ON MTC

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 [illegible])

MULT TO SUCC CAD 34

STRAP WIRE MULT THRU RELAYS 0-1,2-3, 4-5, OR 6-7

TO MASTER TST CONT CKT (RUN FROM COMPL MKR 4 WIRE FR "0" ONLY) OR TO PREC CAD 34

TS (D1L) ON MA TST CONN UNIT ON COMPL MKR 4-WIRE FR

TO CAD 109 (RUN FROM COMPL MKR 4-WIRE FR "0" ONLY)

TS (D0L) ON MA TST CONN UNIT ON COMPL MKR 4-WIRE FR

TO FIG. 60 (A&M ONLY) OR TO CAD 107 ON MTC OR PREC CAD 34
DAT. "P0" — (D0) NET. FOR EVEN NO. MKR
DAT. "P1" — (D0) NET. FOR ODD NO. MKR

TO SUCC CAD 34
DAT. "P0"
DAT. "P1"

TO MASTER TST CONT CKT (RUN FROM COMPL MKR 4 WIRE FR "0" ONLY) OR TO PREC CAD 34

STRAP WIRE MULT THRU RELAYS 0-1,2-3,4-5 OR 6-7

TO CAD 109 (D2) (RUN FROM COMPL MKR 4-WIRE FR "0" ONLY)

MULT TO SUCC CAD 34

TS (D2L) ON MA TST CONN UNIT ON COMPL MKR 4-WIRE FR

MULT TO SUCC CAD 34
TO CAD 175
DNGD
DNGC

STRAP WIRE MULT THRU RELAYS 0-1, 2-3,4-5 OR 6-7

TO MASTER TST CONT CKT (RUN FROM COMPL MKR 4 WIRE FR "0" ONLY) OR TO PREC CAD 34

TO FIG. 96 (A&M ONLY) OR TO CAD 12 ON MTC FR (RUN FROM COMPL MKR 4 WIRE FR "0" ONLY)

TS (D3L) ON MA TST CONN UNIT ON COMPL MKR 4-WIRE FR

TO CAD 109 (RUN FROM COMPL MKR 4-WIRE FR "0" ONLY)

TS (D0L) ON MA TST CONN UNIT ON COMPL MKR 4-WIRE FR

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
430 EM FLX (M)
709
74A
ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-G57

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S

SD-25805-01-G57

STABILO

CAD 35

(FOR FIG. 164), STRAP WIRE SIDE ONE PER FR, FOR LEAD DESIGNATIONS SEE TABLE 2D

TO CAD 180 OR TO CAD 170 ON 2SMTC

TO CAD 1758

TO CAD 109 (E0)

TO CAD 202

TS (EOL) ON MTC EXT UNIT

TS (EOR) ON MTC EXT UNIT

DLTK

DATK

TO CAD 103

TBT9 TBT5 TBT4 TBTO

TO CAD 163

TBU9 TBU5 TBU4 TBUO

TBTA

TBUA

TO CAD 175B

CKR CKR1

TO FIG. 59(A4) OR CAD 7 (A9)

TS(E1L)ON MTC EXT UNIT

TS(E1R) ON MTC EXT UNIT

TO CAD 109 (E2)

TS (E2L) ON MTC EXT UNIT

TS (E2L) ON MTC EXT UNIT

STRAP WIRE MULT THRU RELAYS 0-7

CAD 37

(FOR FIG. 157,165 & 166)

A & M ONLY

TO CAD 7

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	(PCO1)	3T	(TCA) REL
	43	(PCO)	4B	
	42	(PCR)	5T	
			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
A8	34	(U4)	1	(U4) REL
	33	(U3)	10	(U3) REL
	32	(U2)	1	(U2) REL
	31	(U1)	10	(U1) REL
	30	(U0)	1	(U0) REL
A9	24	(T9)	10	(T9) REL
	23	(T8)	1	(T8) REL
	22	(T7)	10	(T7) REL
	21	(T6)	1	(T6) REL
	20	(T5)	10	(T5) REL

TO CAD 109

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
C3	41	(EX)	2	(EXB) REL
B3	23	(SEF)	10	(SEF) REL
B3	53	(INC)	7B	
	44	(PCO1)	4T	
	43	(PCO)	5B	(TCA) REL
	42	(PCR)	6T	
A2	13	(EXG)	2B	
	12	(EXS)	2L	(EXB) REL
TO CAD 7 C3L	42	(EXG)		
	41	(EXB)		

CAD 36

(FOR APP FIG 164) CONTACT SIDE, ONE PER COMPL MKR, FOR LEAD DESIGNATIONS SEE TABLE 2D)

(E0)REL ON MTC EX UNIT

(E1)REL ON MTC EXT UNIT

TO CAD 107

TBTA

TBUA

TO CAD 222

TO FIG 58 (A4) OR CAD 6 (A9)

TO CAD 107

(E2)REL ON MTC EXT UNIT

TO CAD 143

E0

LW

"R" BAT

SWBD CA OR LW

(E0)NET (E1)NET (E2)NET (E0)NET (E1)REL (E2)NET

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	FNR CLI AND
45D	JBR AN AND
50AC	MP AP WP
66D	RAR
69A	
70D	
73D	
75D	

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G58

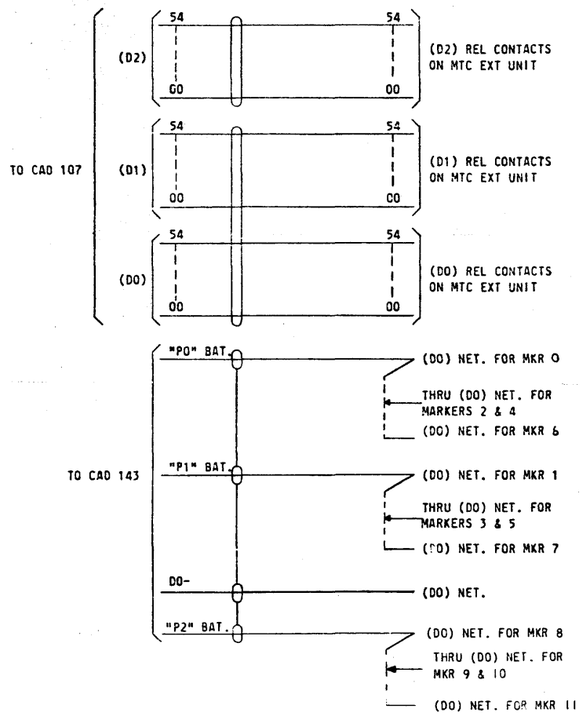
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 5S

STABILO

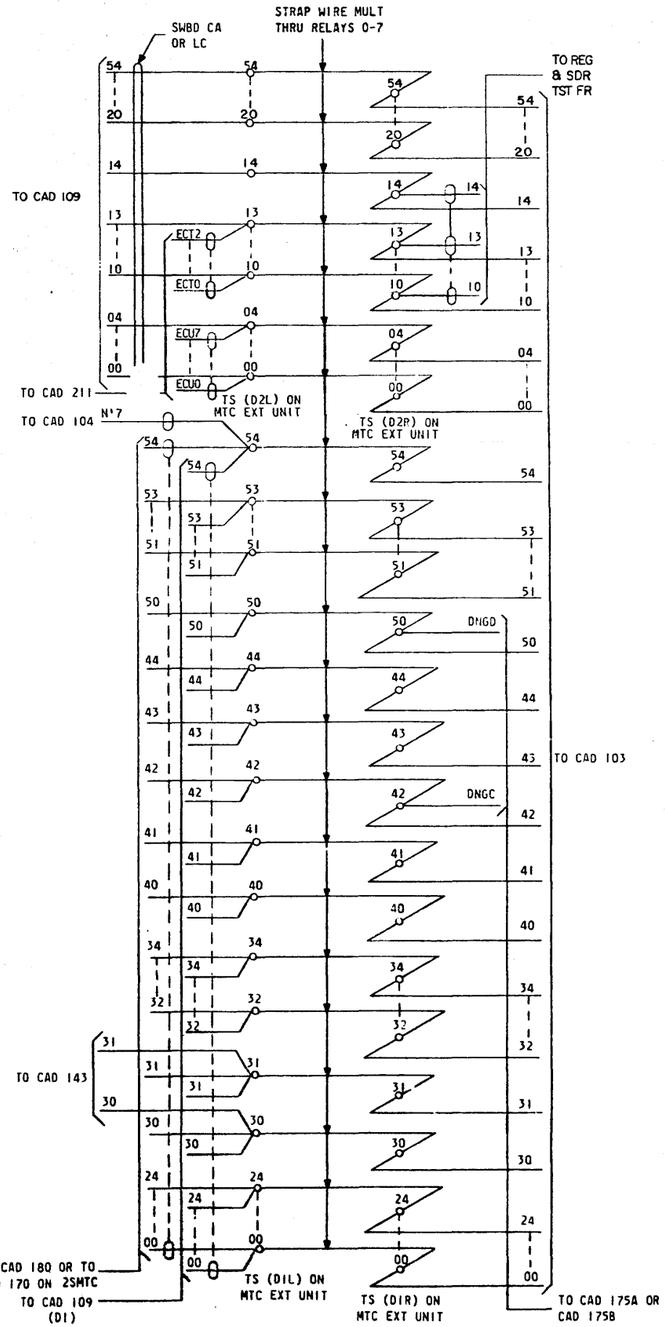
CAD 38

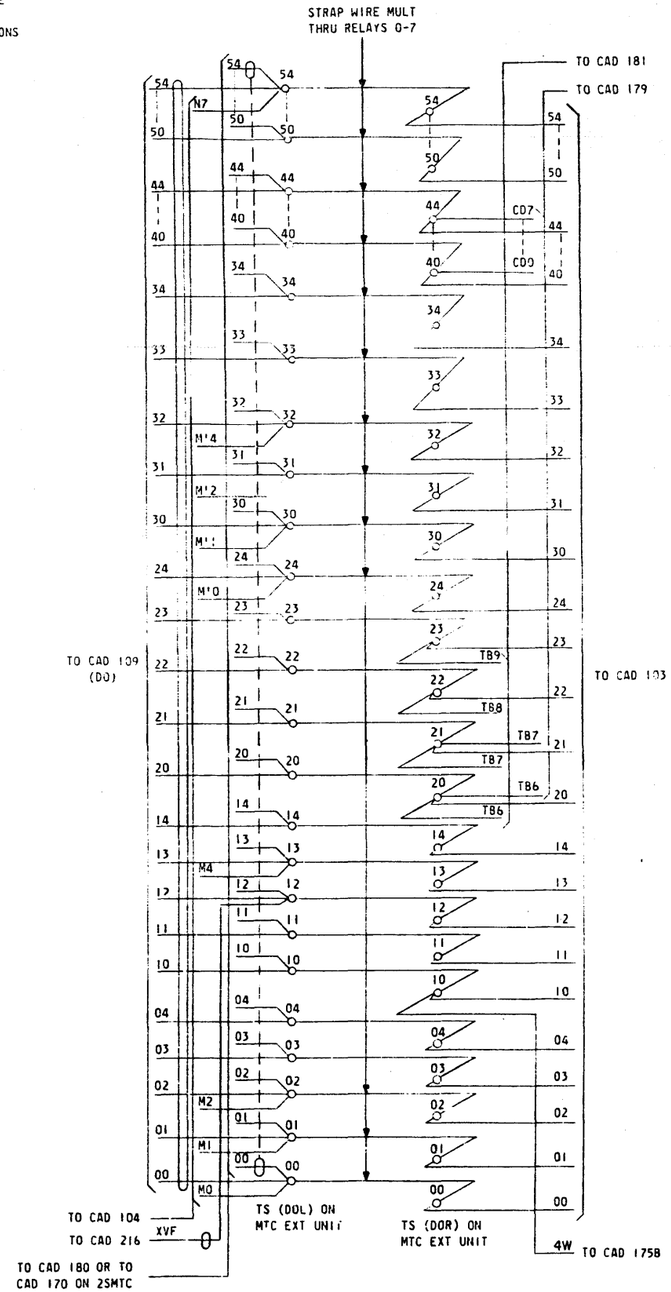
(FOR FIG.163)CONTACT SIDE
ONE PER COMPL MKR
SEE TABLE 2C FOR LEAD DESIGNATIONS



CAD 39

(FOR FIG. 163) STRAP WIRE SIDE
ONE PER MTC
SEE TABLE 2C FOR LEAD DESIGNATIONS





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D CLK MP
52D
56D
70D
71D
74A
75D

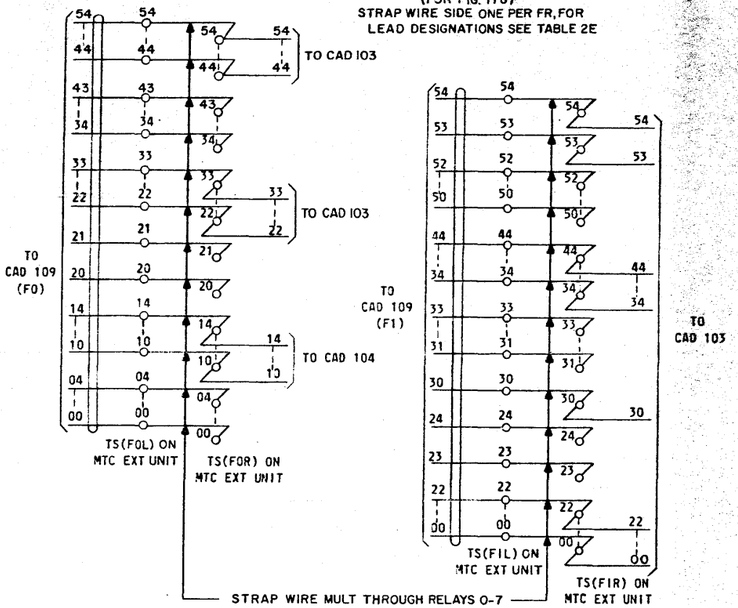
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G59
BELL TELEPHONE LABORATORIES INCORPORATED
6S
PRINTED IN U.S.A.

STABILO

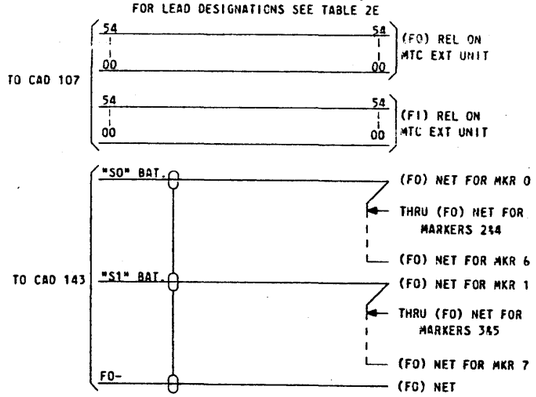
CAD 40

(FOR FIG. 178)
STRAP WIRE SIDE ONE PER FR, FOR LEAD DESIGNATIONS SEE TABLE 2E



CAD 41

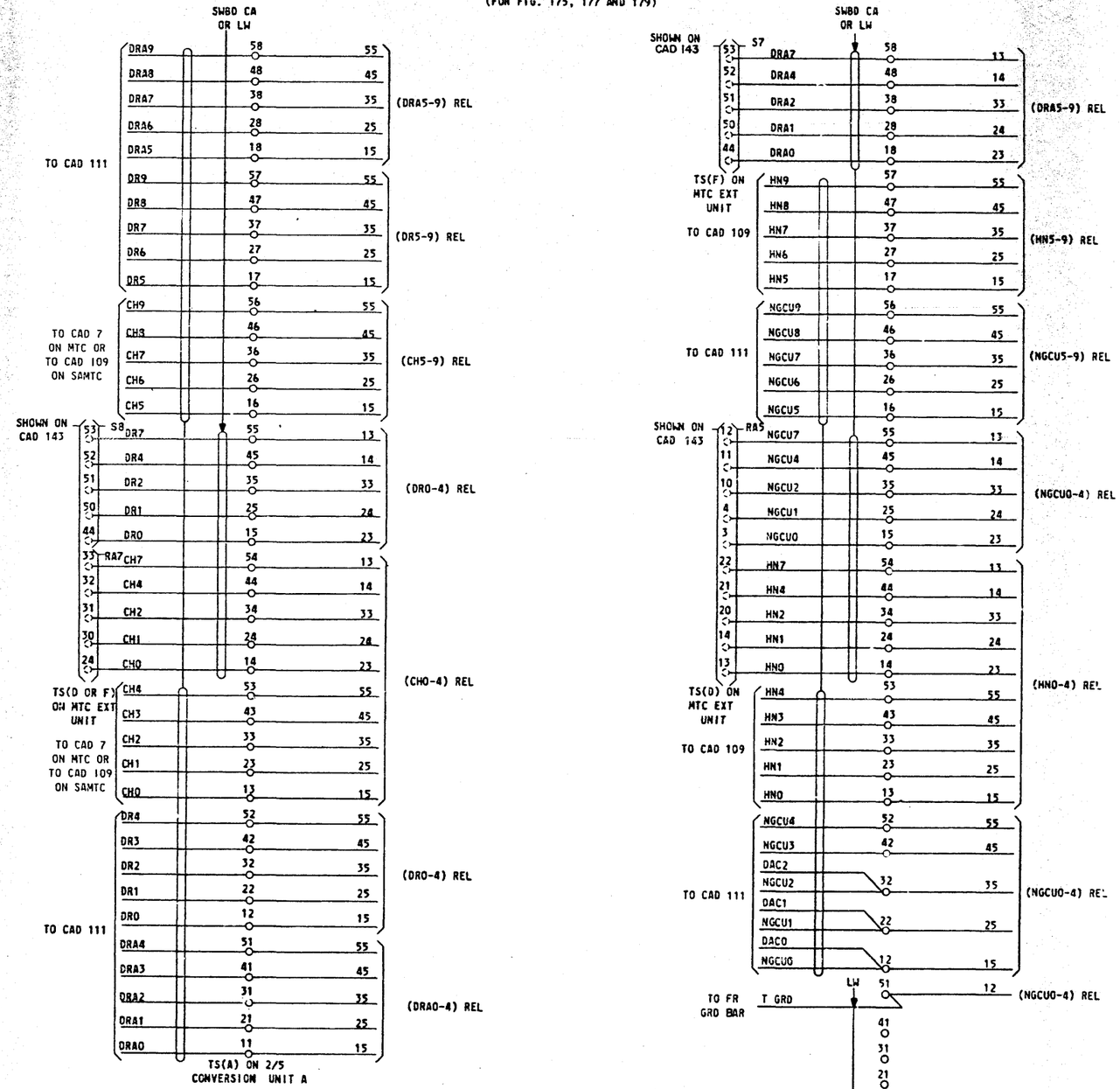
(FOR FIG. 178)
CONTACT SIDE, ONE PER COMP MKR,
FOR LEAD DESIGNATIONS SEE TABLE 2E



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

PART OF CAD 42

(FOR FIG. 175, 177 AND 179)



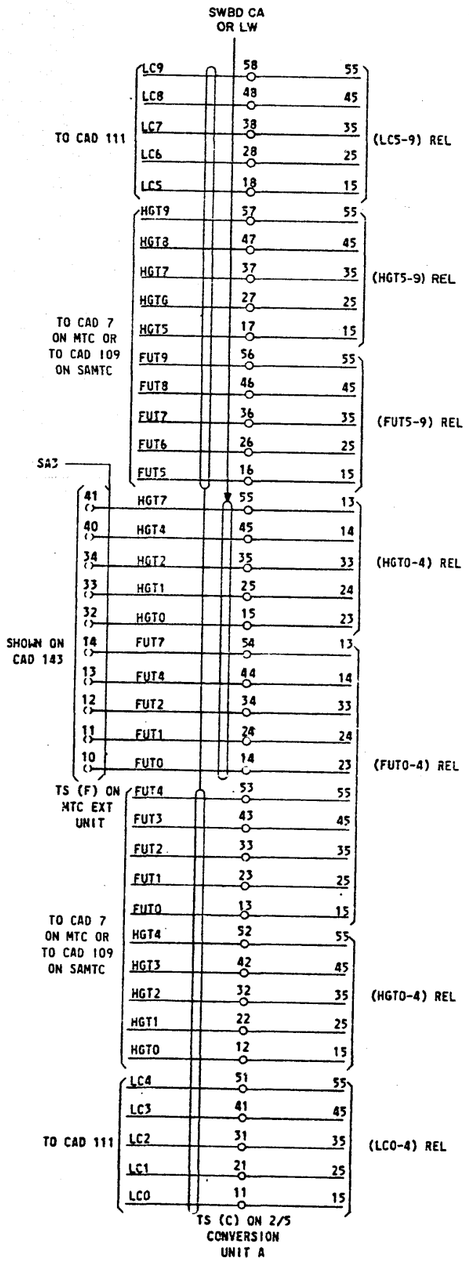
DRAWING ISSUE: 52D DM TV MH; 53AR RLS LW 4&6 MLF LW MH; 55D LEA MJG MD; 59D; 64D CH; 70D; 75D

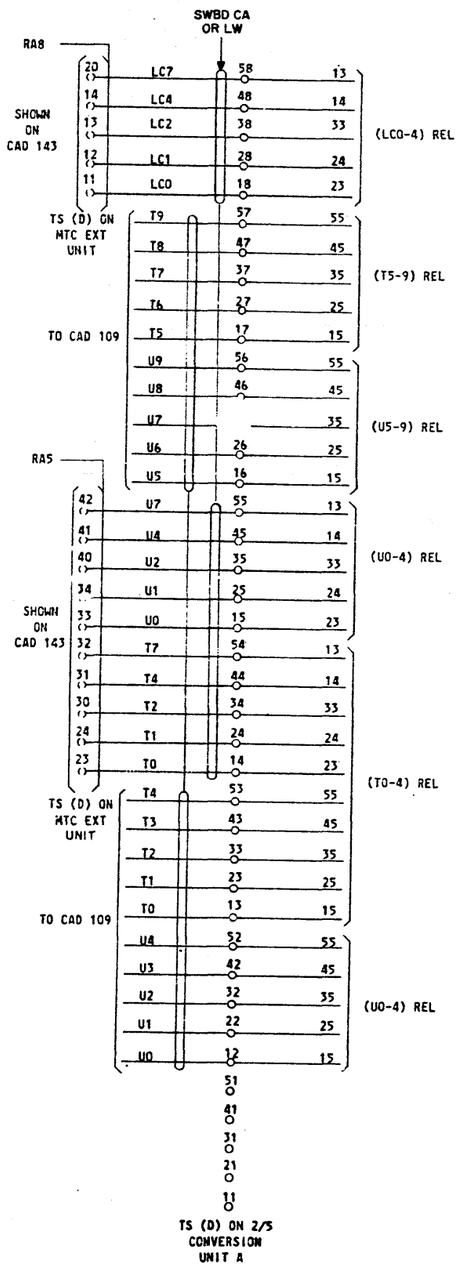
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G60
BELL TELEPHONE LABORATORIES INCORPORATED 6S

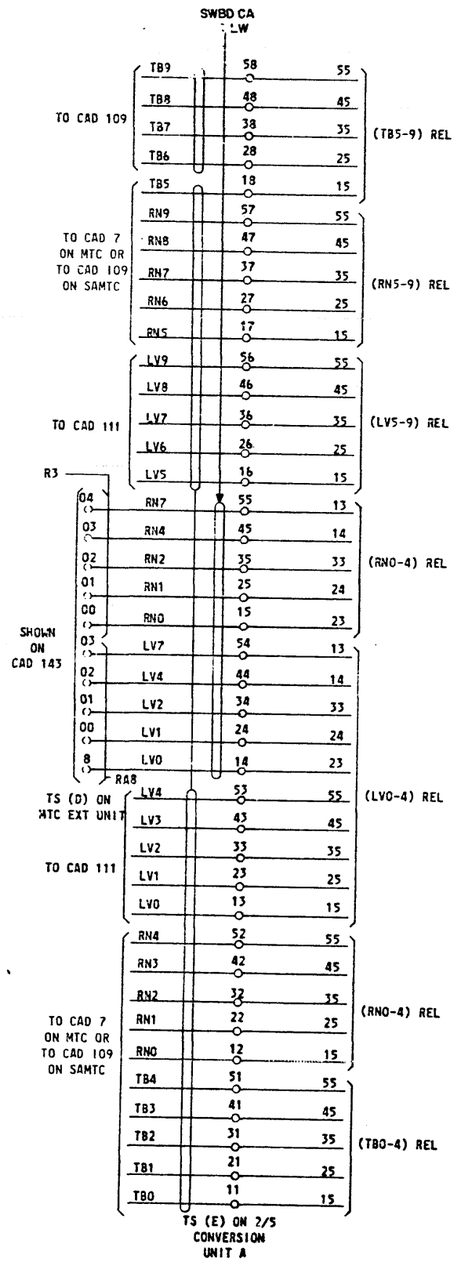
SD-25805-01-G60

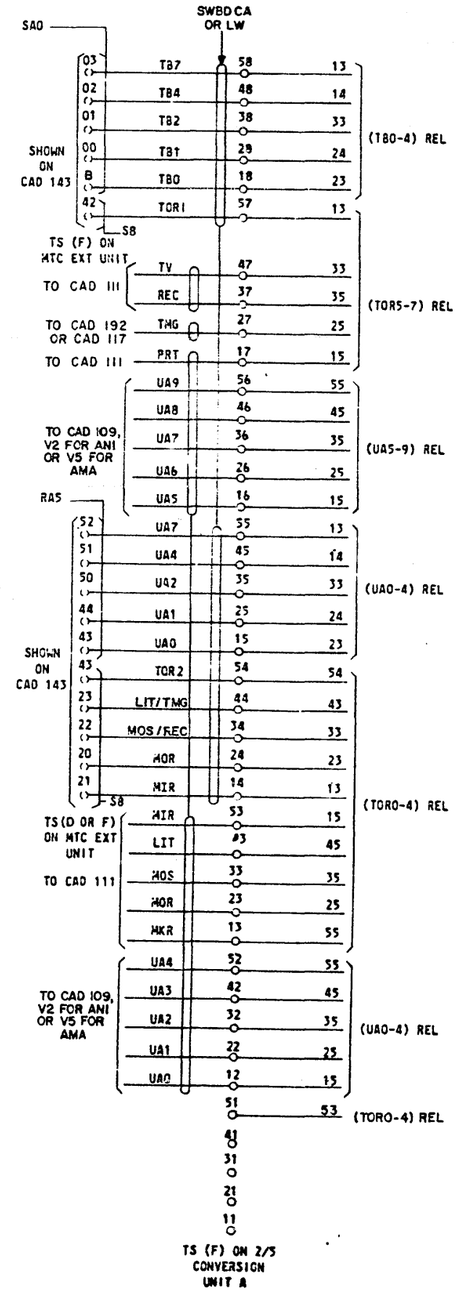
PART OF CAD 42

(FOR FIG. 175, 177, & 179)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
52D JGE PEL AKE CB
53AR TN LW JGE CB
70D CB
75D CB

ISSUE 85D

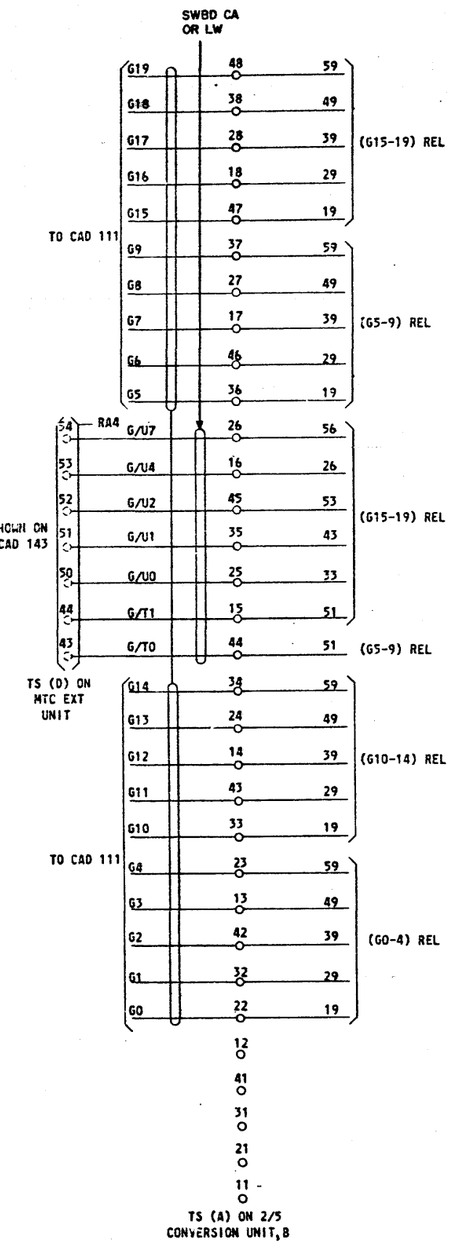
MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-661

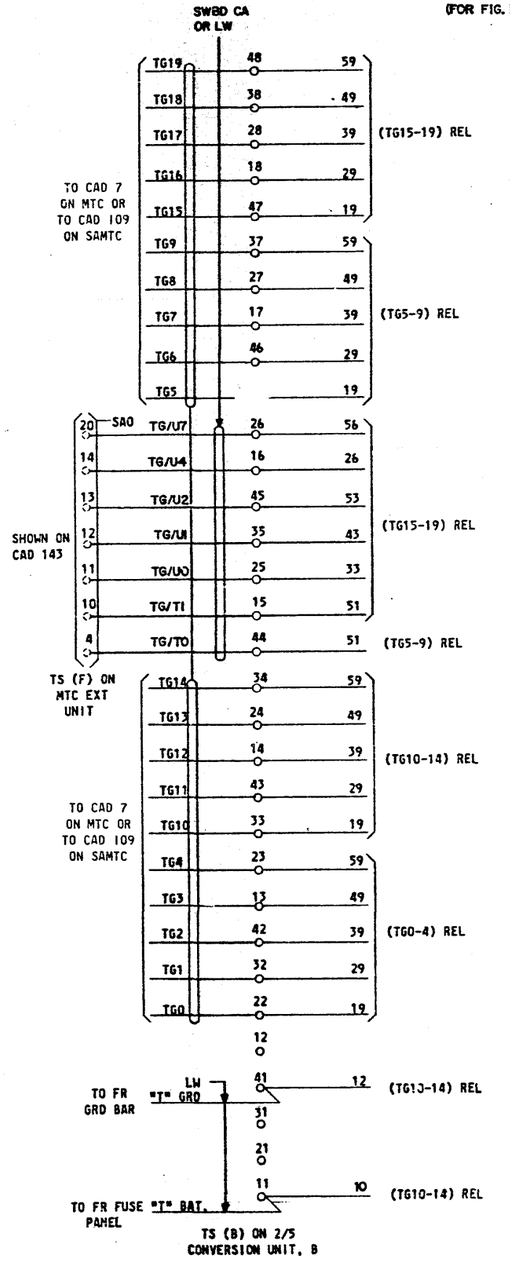
BELL TELEPHONE LABORATORIES INCORPORATED — 6S

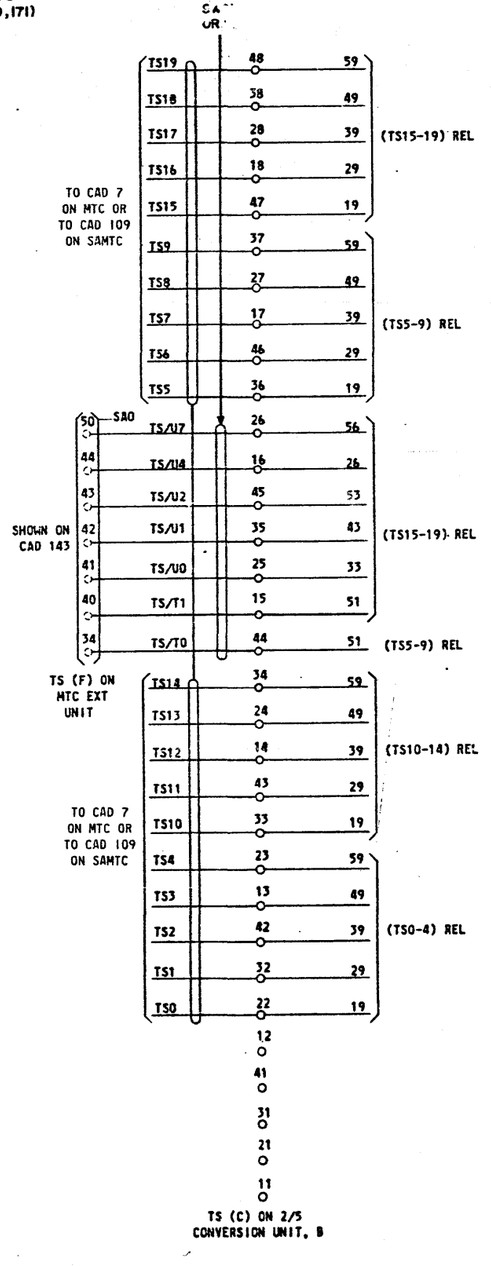
SD-25805-01-661

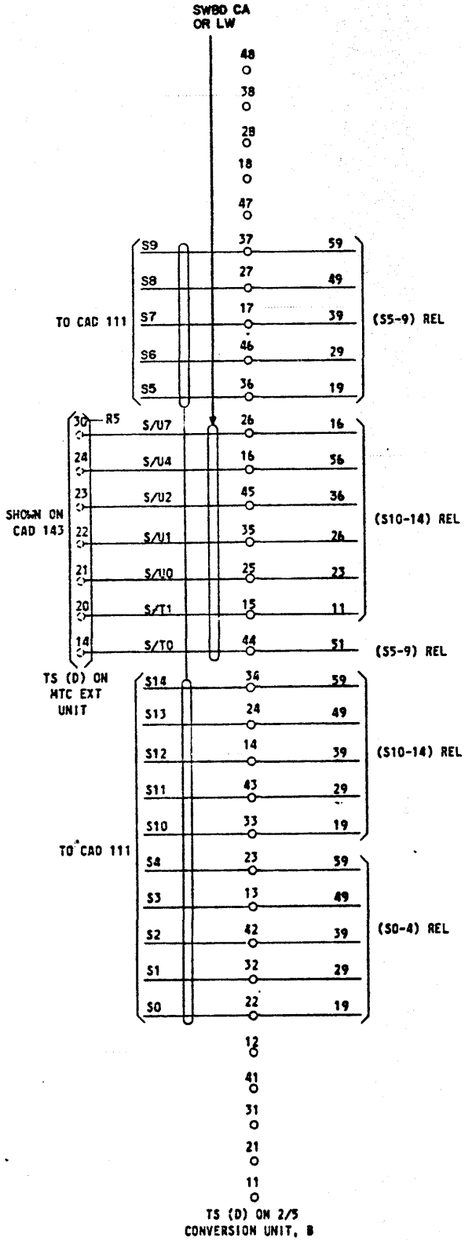
STABILO

CAD 43
(FOR FIG. 170, 171)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM, SEE GIA.

DRAWING ISSUE
52D CTH TCH AHA CB
70D
75D

75

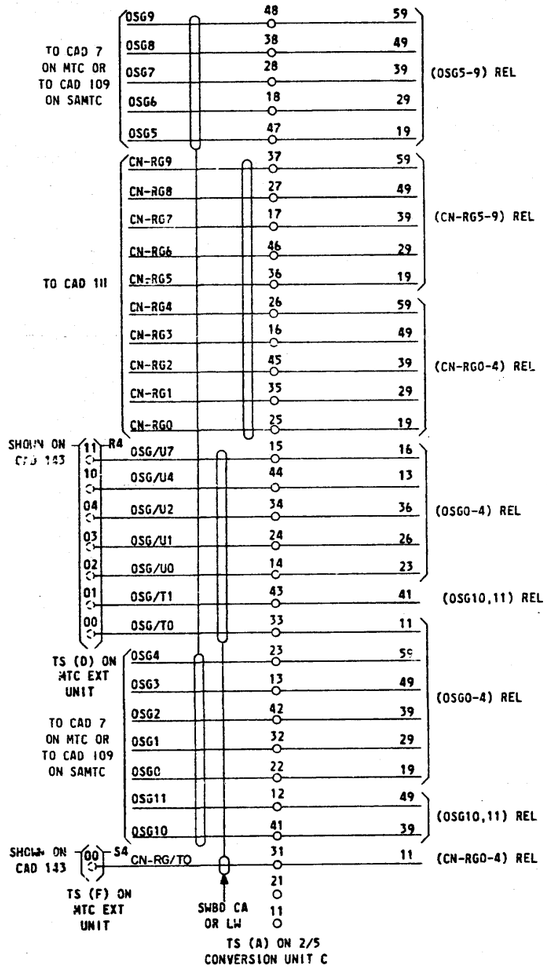
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G62

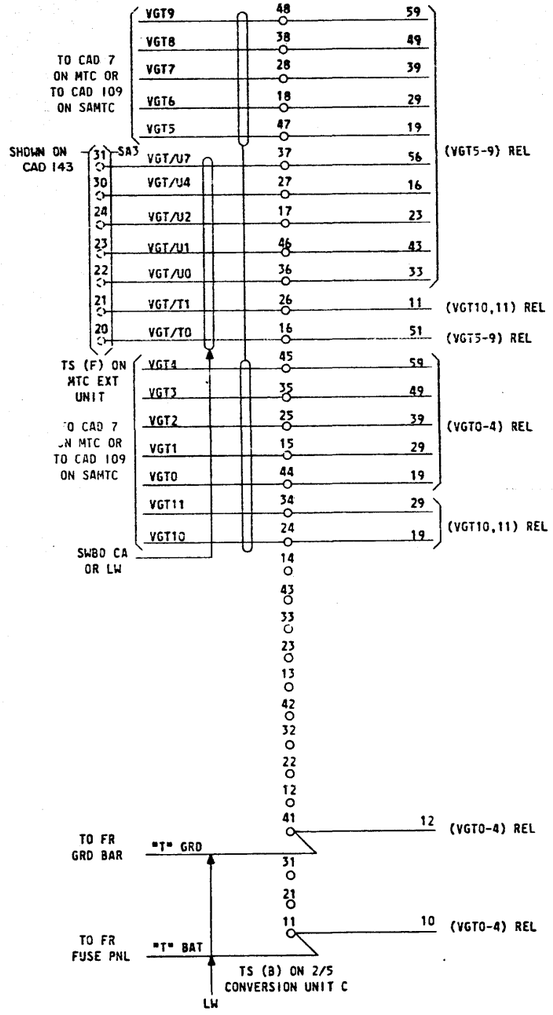
BELL TELEPHONE LABORATORIES INCORPORATED PAGE 65

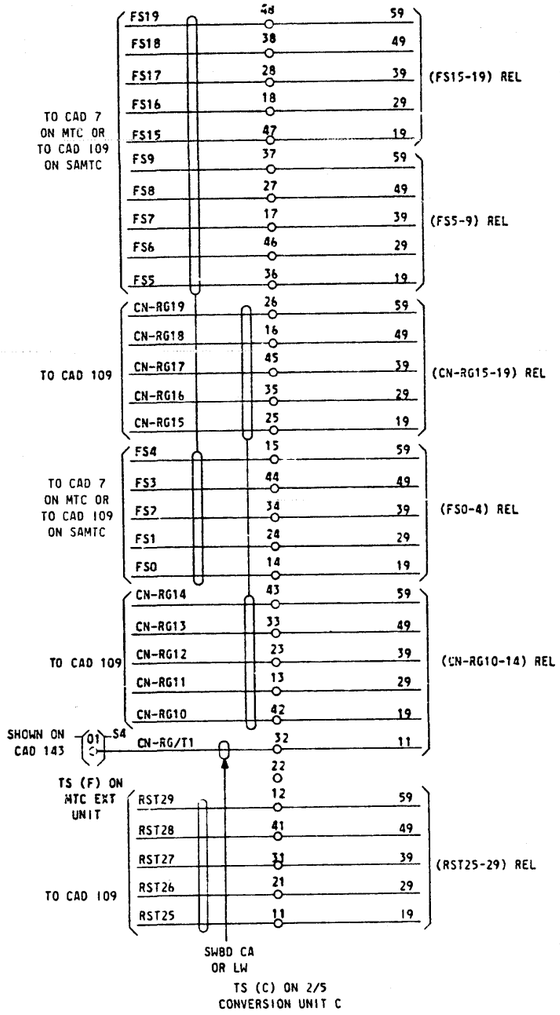
SD-25805-01-G62

STABILO

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
520 DM
700
750

ISSUE 77D

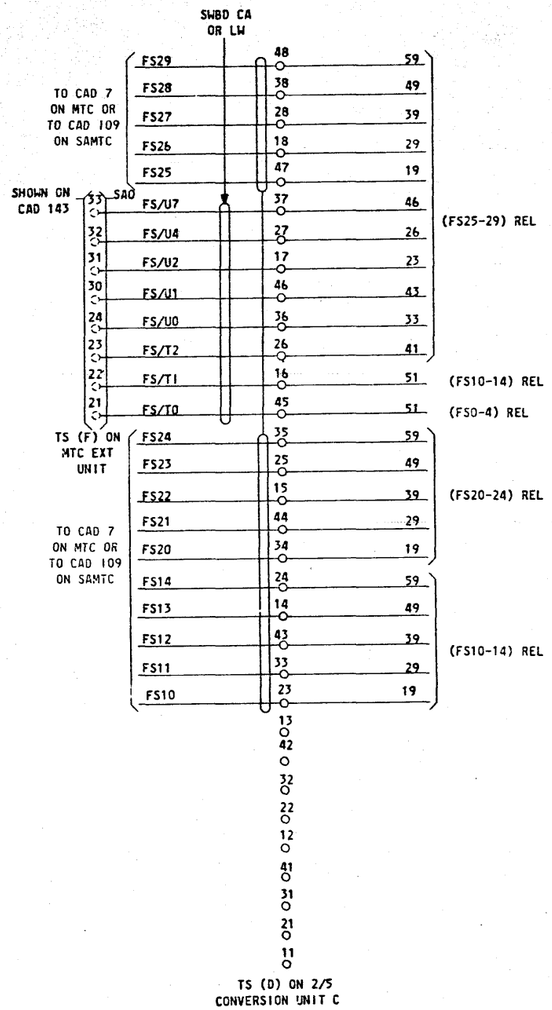
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G63

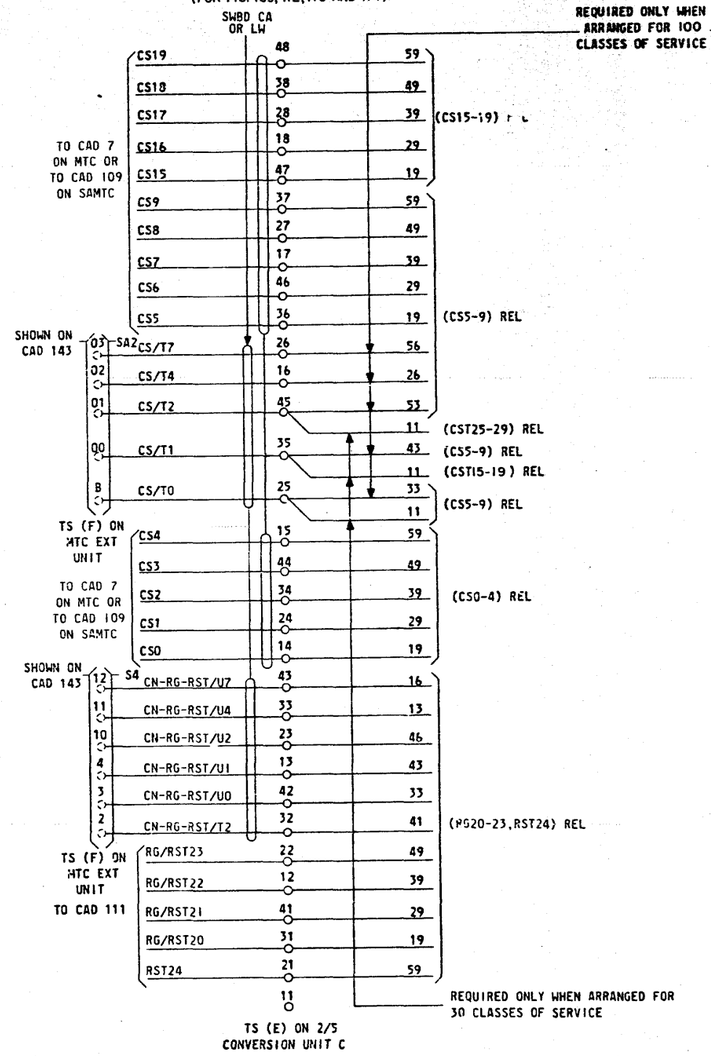
BELL TELEPHONE LABORATORIES INCORPORATED | SIZE 6S

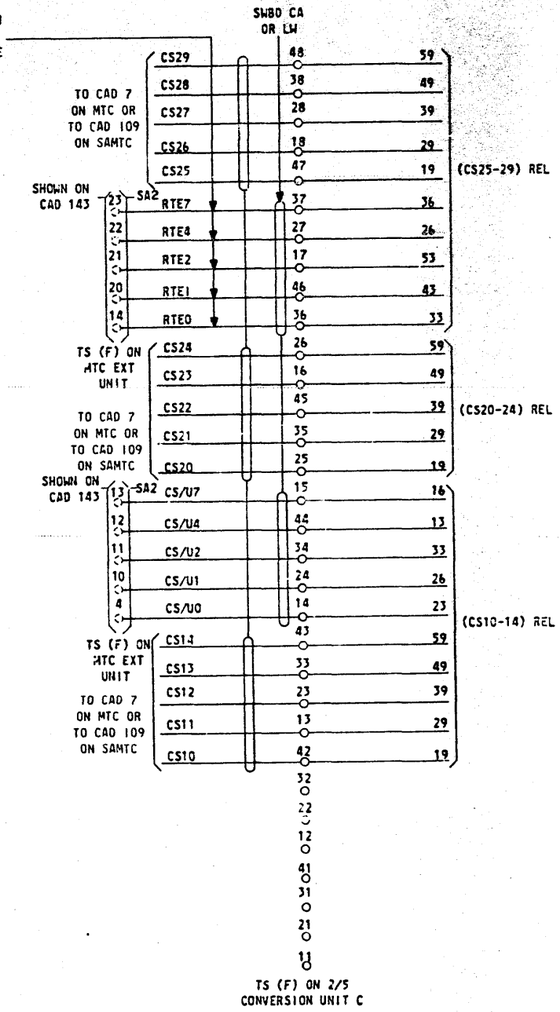
SD-25805-01-G63

STABILO

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.

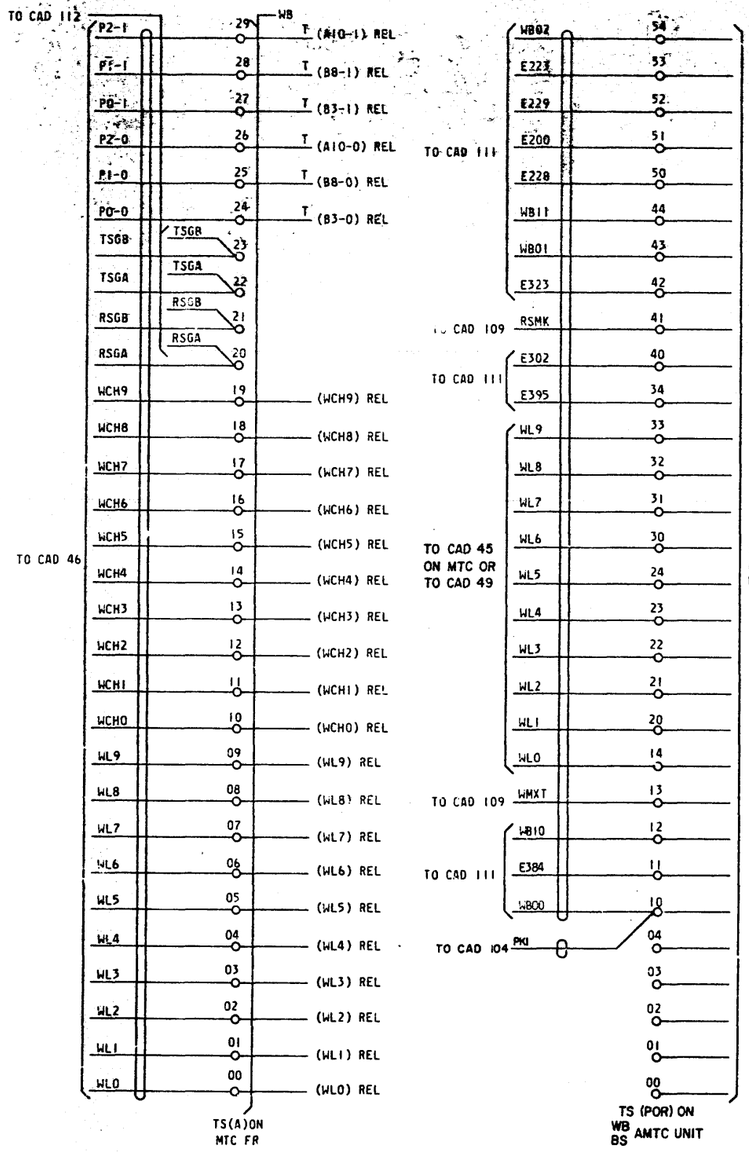
DRAWING ISSUE
52D OM PER AMD
70D
75D
ISSUE 77D

SD-25805-01-G64

MASTER TEST FRAME CONNECTOR CKT (2)
BELL TELEPHONE LABORATORIES INCORPORATED 6S
SD-25805-01-G64

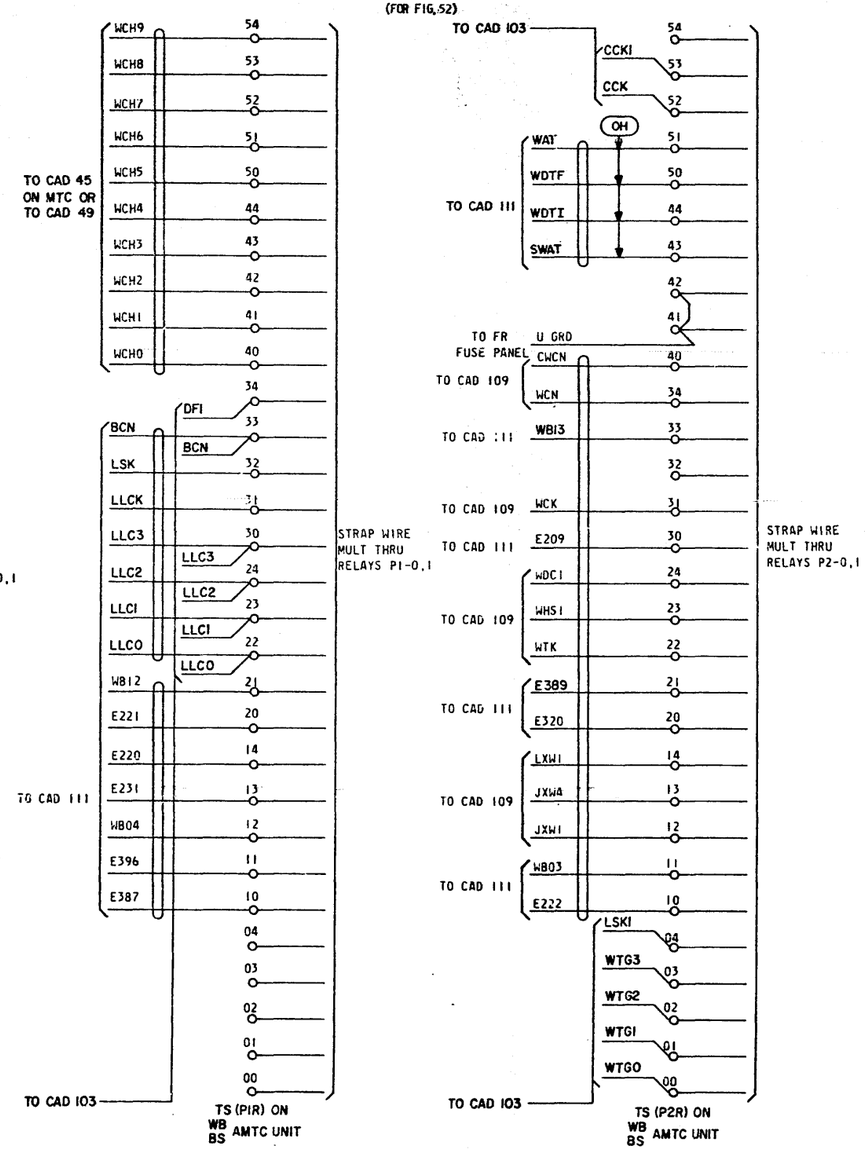
STABILO

CAD 45 (MFR DISC.)



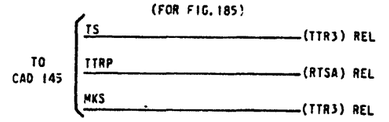
CAD 46 (MFR DISC.)

(FOR FIG. 52)



CAD 47

(FOR FIG. 185)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
68D AR2
68D
700
710
750

ISSUE 92B

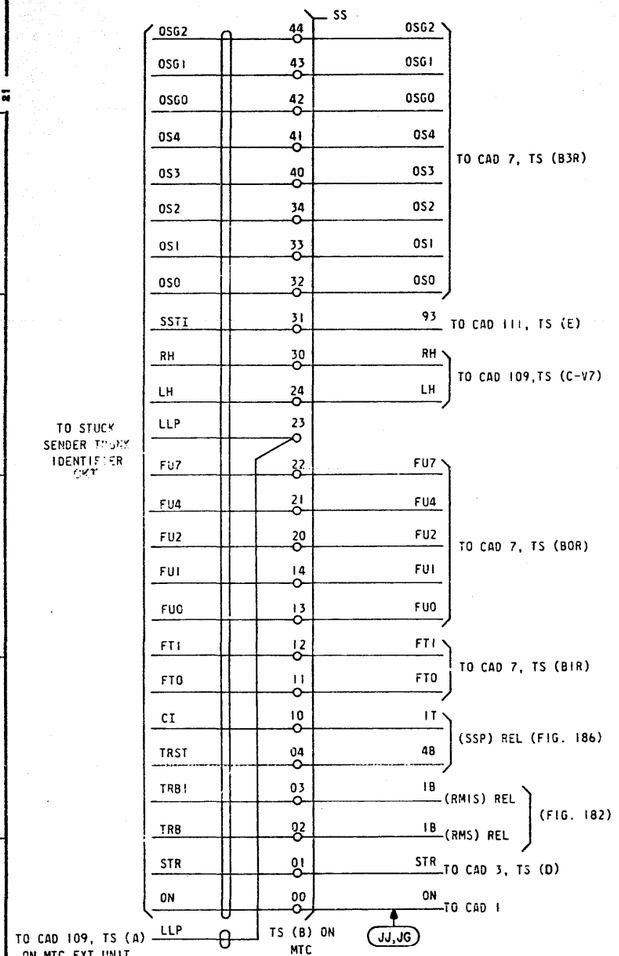
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-665

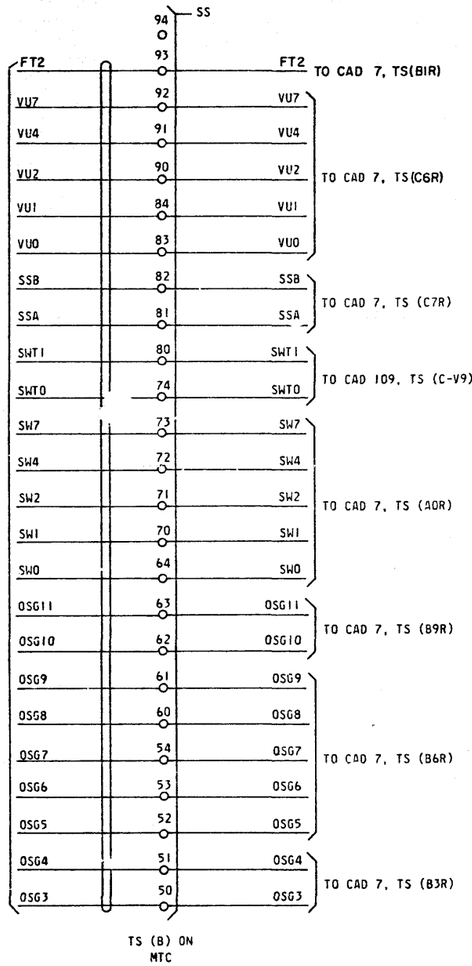
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-665

(08) CAD 48

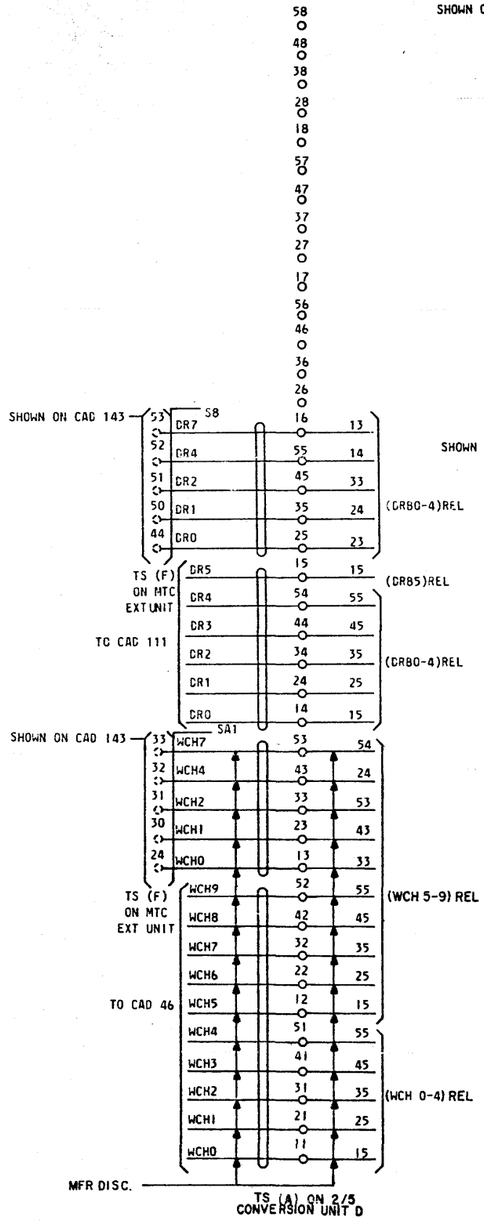
SWITCHBOARD CABLE FROM MTC TO STUCK SENDER TRUNK IDENTIFIER

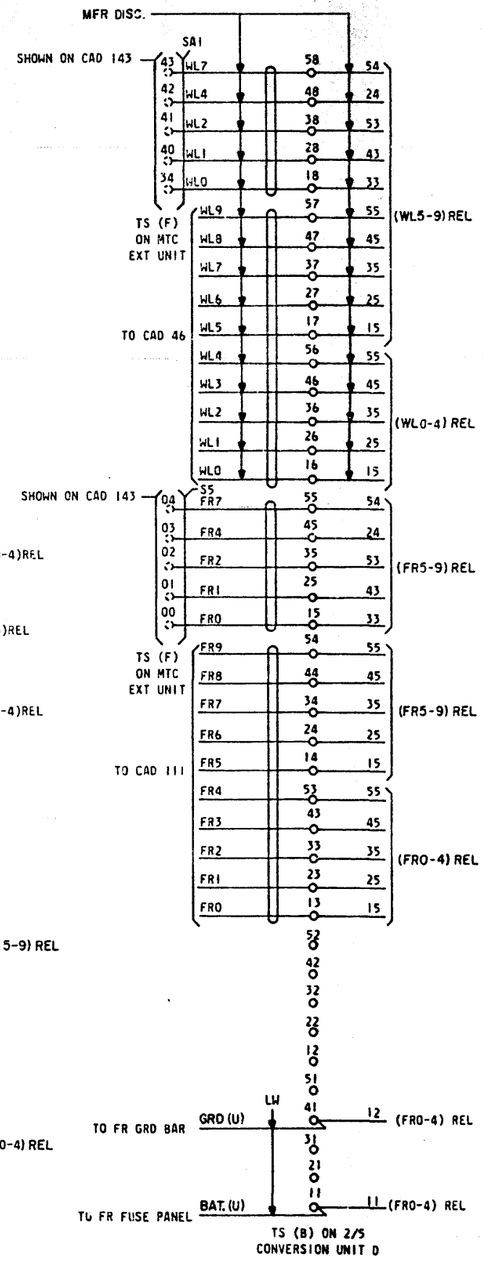




NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

CAD 49





DRAWING ISSUE
680
700
750

ISSUE 928

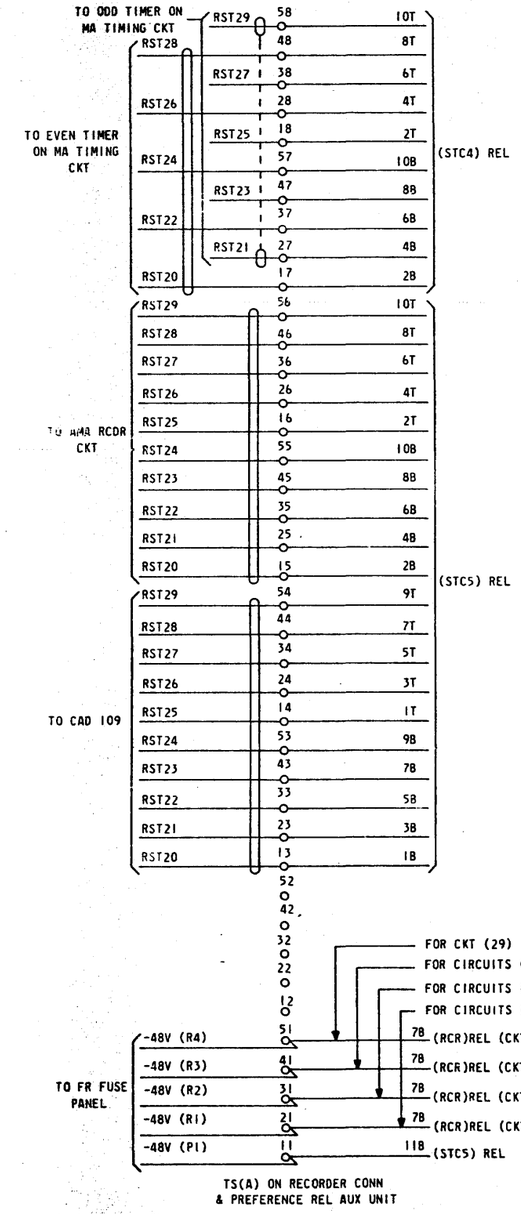
SD-25805-01-666

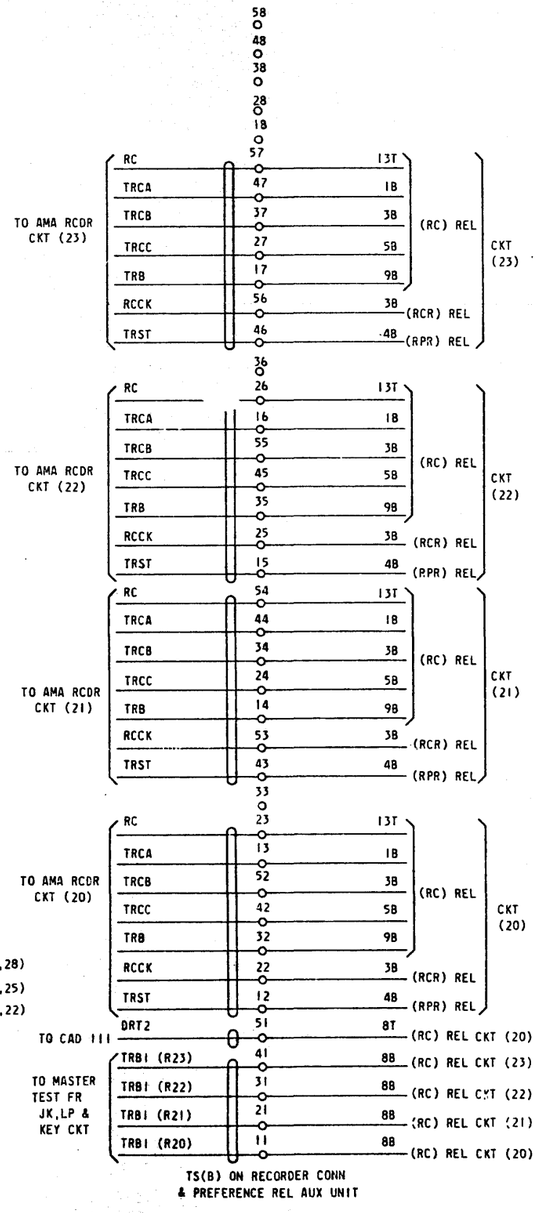
MASTER TEST FRAME CONNECTOR CIRCUIT (2) SD-25805-01-666

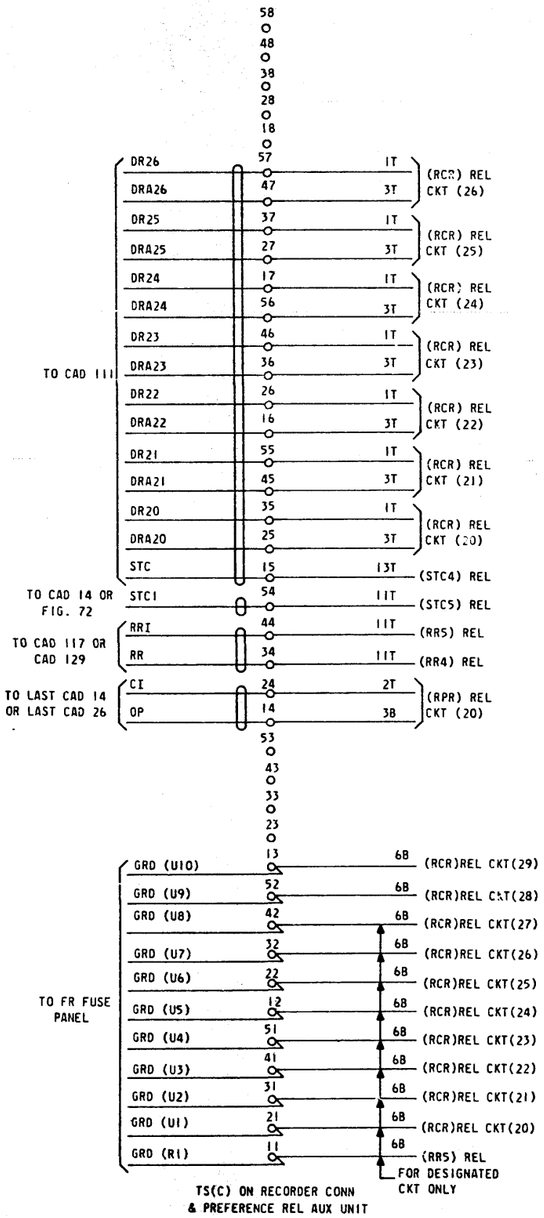
BELL TELEPHONE LABORATORIES INCORPORATED 6S

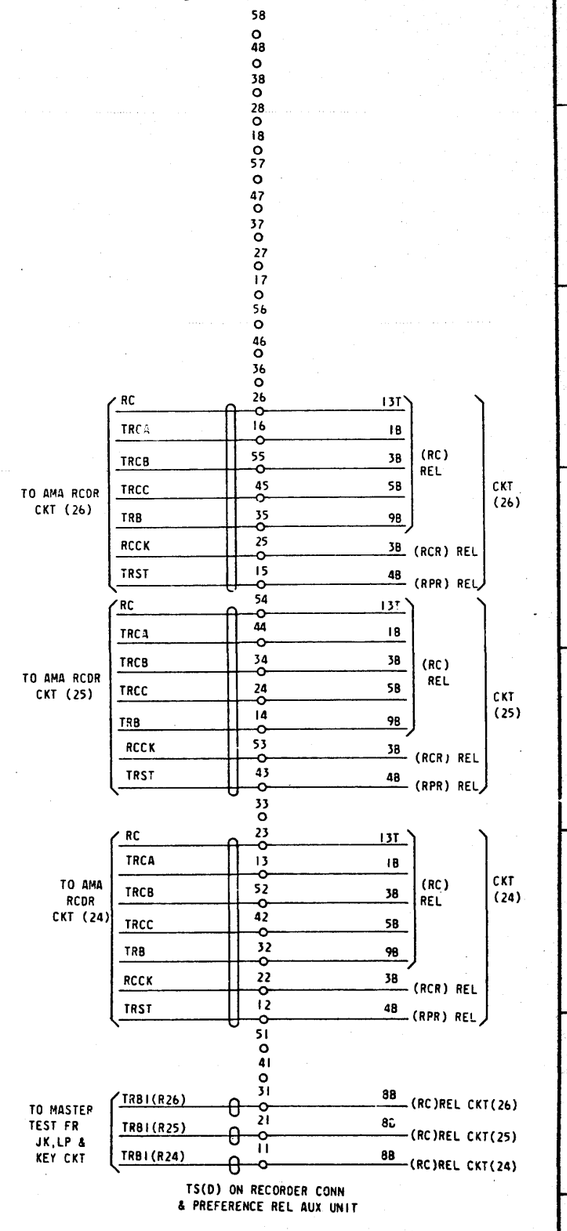
PART OF CAD 50

(FOR APP FIG. 16,17,22,24 & 29)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G67

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G67

PART OF CAD 50
(FOR APP FIG. 16,17,22,24 & 29)

TO AMA RCDR CKT (29)
RC 26 13T
TRCA 16 1B
TRCB 55 3B
TRCC 45 5B
TRB 35 9B
RCCK 25 3B (RCR) REL
TRST 15 4B (RPR) REL
(RC) REL
CKT (29)

TO AMA RCDR CKT (28)
RC 54 13T
TRCA 44 1B
TRCB 34 3B
TRCC 24 5B
TRB 14 9B
RCCK 53 3B (RCR) REL
TRST 43 4B (RPR) REL
(RC) REL
CKT (28)

TO AMA RCDR CKT (27)
RC 23 13T
TRCA 13 1B
TRCB 52 3B
TRCC 42 5B
TRB 32 9B
RCCK 22 3B (RCR) REL
TRST 12 4B (RPR) REL
(RC) REL
CKT (27)

TO MASTER TEST FR JK,LP & KEY CKT
TRB1(R29) 31 8B (RC) REL CKT(29)
TRB1(R28) 21 8B (RC) REL CKT(28)
TRB1(R27) 11 8B (RC) REL CKT(27)

TS(E) ON RECORDER CONN & PREFERENCE REL AUX UNIT

TO CAD 14 OR CAD 26
CIA 47 5T
CO 37 4T
CI(1) 27 3T
OP(1) 17 6T
(RPR) REL CKT(29)

MULT TO OTHER ODD CIRCUITS
TO CAD 14 OR FIG. 77 RTO/RTOI 6T (RC) REL
TO CAD 14 OR CAD 26 STGA 16 7T (RCR) REL

TO CAD 111
DR29 25 1T
DRA29 15 3T
(RCR) REL

TO CAD 14 OR CAD 26
ON 54 11T (RC) REL
STR 44 6T (RCR) REL

TO CAD 111 RCC 14 4T (RCR) REL

MULT TO OTHER EVEN CIRCUITS
TO FIG.77 OR CAD 4 RTE/RTEI 33 6T (RC) REL
TO CAD 111
DR28 23 1T
DRA28 13 3T
(RCR) REL
CKT (28)

TO CAD 111
DR27 21 1T
DRA27 11 3T
(RCR) REL CKT (27)

TS(F) ON RECORDER CONN & PREFERENCE REL AUX UNIT

CAD 51
(FOR APP FIG. 199 & 56)

TO CAD 198
IT 58 L (LITV) REL
TS 48 2M
TVS 38 4 (LITVI) REL

TO CAD 5 OR FIG. 88
OP 28 5 (LITV) REL
CIA 18 7 (LITVI) REL

TO CAD 102 OR FIG. 80 ON PRI FR OR LAST FIG. 82A OR TO 6TH CAD 53
OP 57 5B
CIA 47 2 (LITV) REL

TO CAD 108 OR FIG. 51 TSG 37 1M

TO CAD 30 (KN)
OR CAD 15 (KO)
OR FIG. 66 (KO)
27 27 5M
17 17 4M
(LITVI) REL

TO CAD 5 OR FIG. 88 OP 56 6 (LITV) REL

TO MA TEST CONN CKT TS 46 2B
TO CAD 2 OR FIG. 52 WHEN ROT IS NOT PROVIDED CIA(4) 36 6 CIA(3) TO CAD 174 FOR ROT
(ACD1)REL

TO FIG. 52 WHEN ROT & 2ALC CKT ARE NOT PROVIDED
CIA1(4) 26 2B CI(1)
OP1(4) 16 6 OP1(5) TO CAD 174 FOR ROT WHEN J28153A FR IS PROVIDED & 2ALC CKT IS NOT PROVIDED
TO CAD 144 OR TO 2ALC CKT
CIA1
CP1
(ACD)REL

TO CAD 1 OR FIG. 51 MN 55 10M (ACD1) REL

CKT (29)
TO CAD 2 OR FIG. 52
CIA(1) 45 6B
CIA1(1) 35 2
OP1 (1) 25 6B
(ACD) REL

TO JK,LP & KEY CKT FOR ACD ROS
TO MASTER TEST FR JK,LP & KEY CKT ROS
TO CAD 1 OR FIG. 51 ROS
15 1 (ACD) DIODE
2 (LITVI) REL

TO CAD 1 OR FIG. 51
TRCA 54 11
TS 44 2
STRA 34 9M
STR 24 4M
STRA1 14 2
(ACD1) REL
(ACD1) DIODE

TO CAD 179
STR 53 10
TIR 43 11M
STRA 33 9
TRSI 23 1M
TRST 13 L
(ACD1) REL
(ACD) REL

TO FR GRD BAR GRD (AE) 51
(ACD1) REL
(ACD) REL OR (LITVI) REL

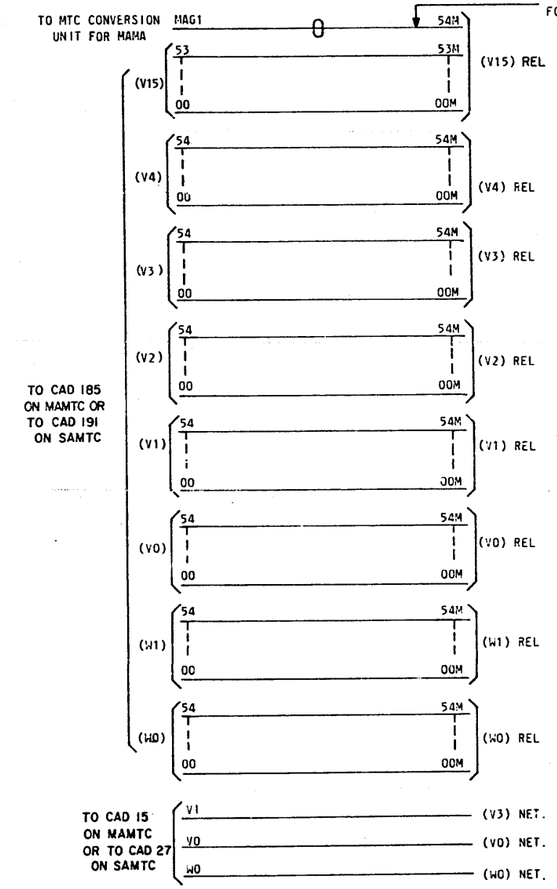
TO FR FUSE PANEL -48V (AC) 11 TS(B)
(ACD1) REL OR (LITV1) REL

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT
(2) SD-25805-01-G68
BELL TELEPHONE LABORATORIES INCORPORATED
6S
PRINTED IN U.S.A.

CAD 54

(FOR APP FIG. 153,155) CONTACT SIDE
(FOR LEAD DESIGNATIONS SEE TABLES
5A & 5F) ONE PER TV FOR MAMA



NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE 61A.

ISSUE 96B

MASTER. TEST FRAME CONNECTOR CKT

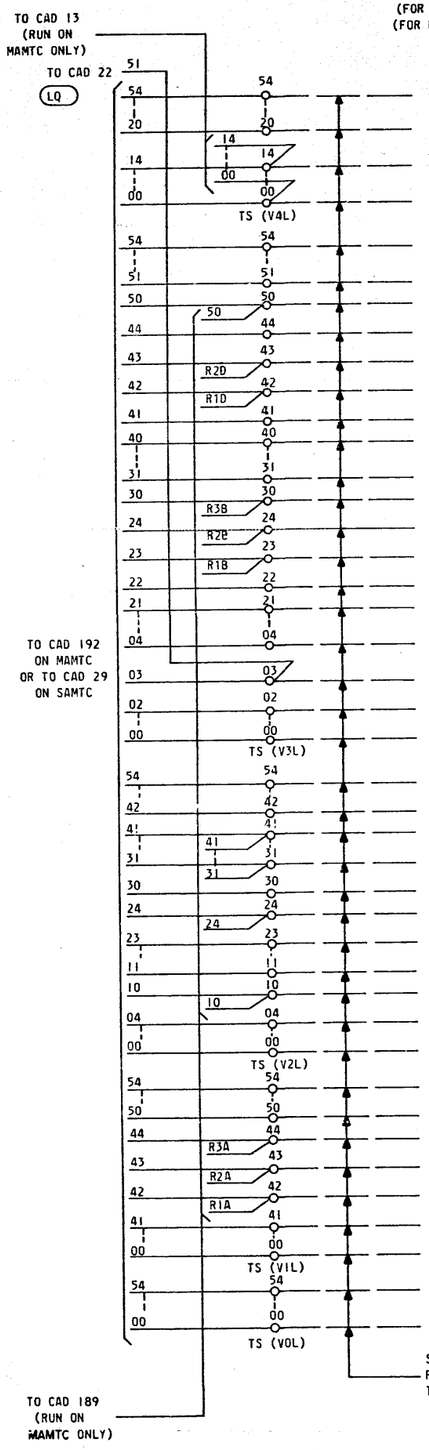
SD-25805-01-669A

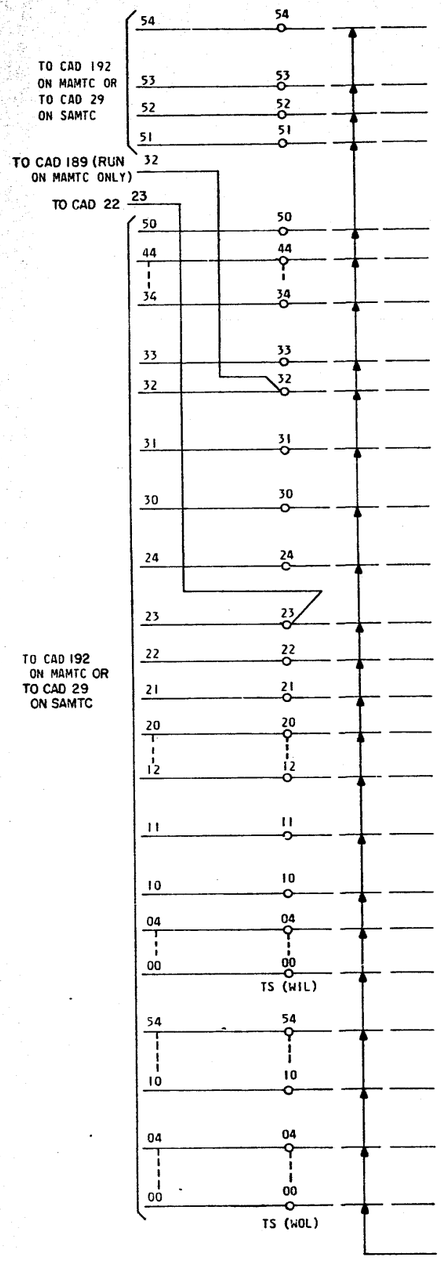
BELL TELEPHONE LABORATORIES INCORPORATED

SHEET 65

CAD 55

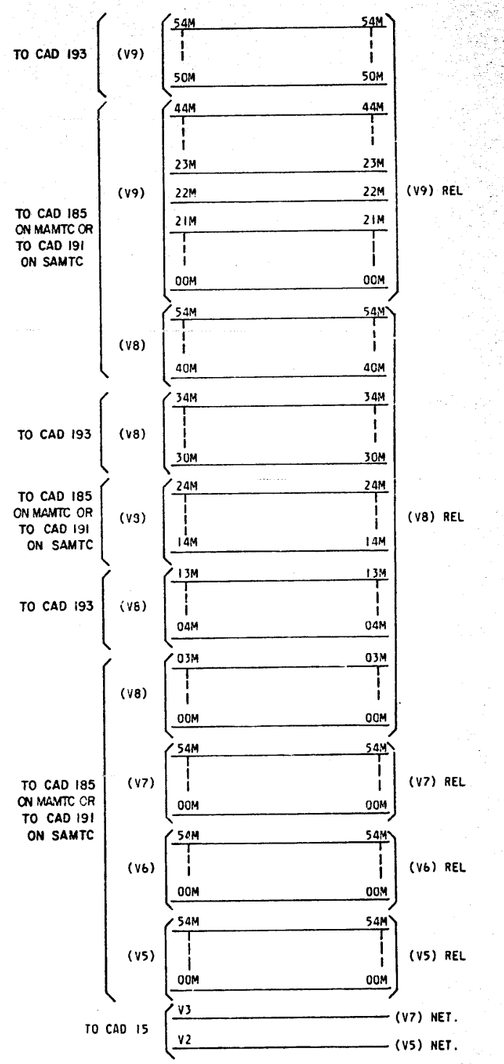
(FOR APP FIG. 153). STRAP WIRE SIDE
(FOR LEAD DESIGNATIONS SEE TABLE 5A)
ONE PER MAMTC
OR SAMTC





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

BELL TELEPHONE LABORATORIES INCORPORATED

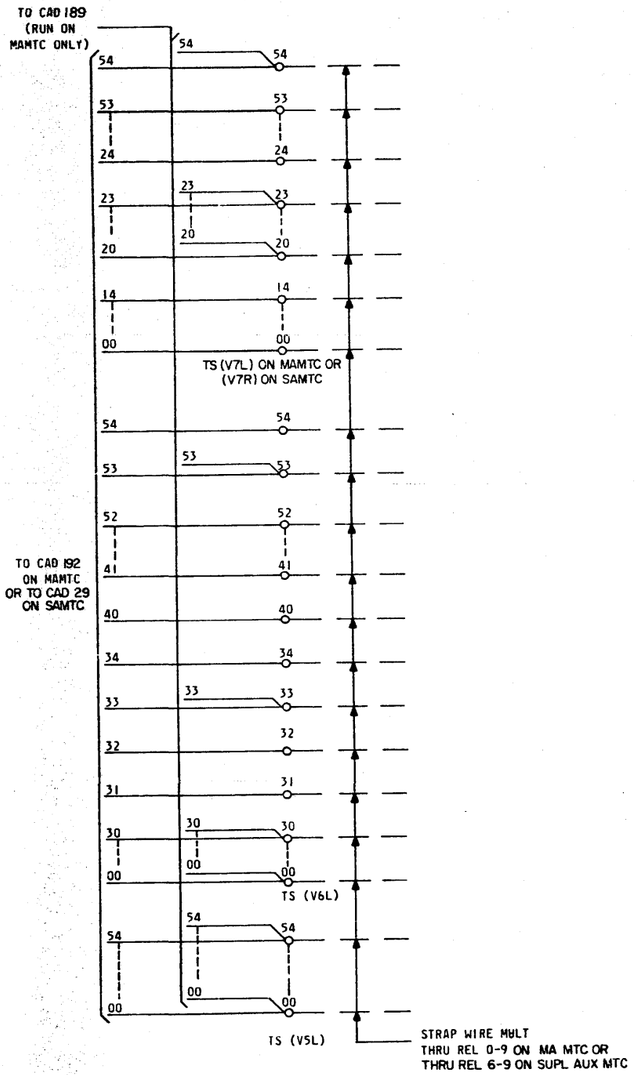
SD-25805-01-669B

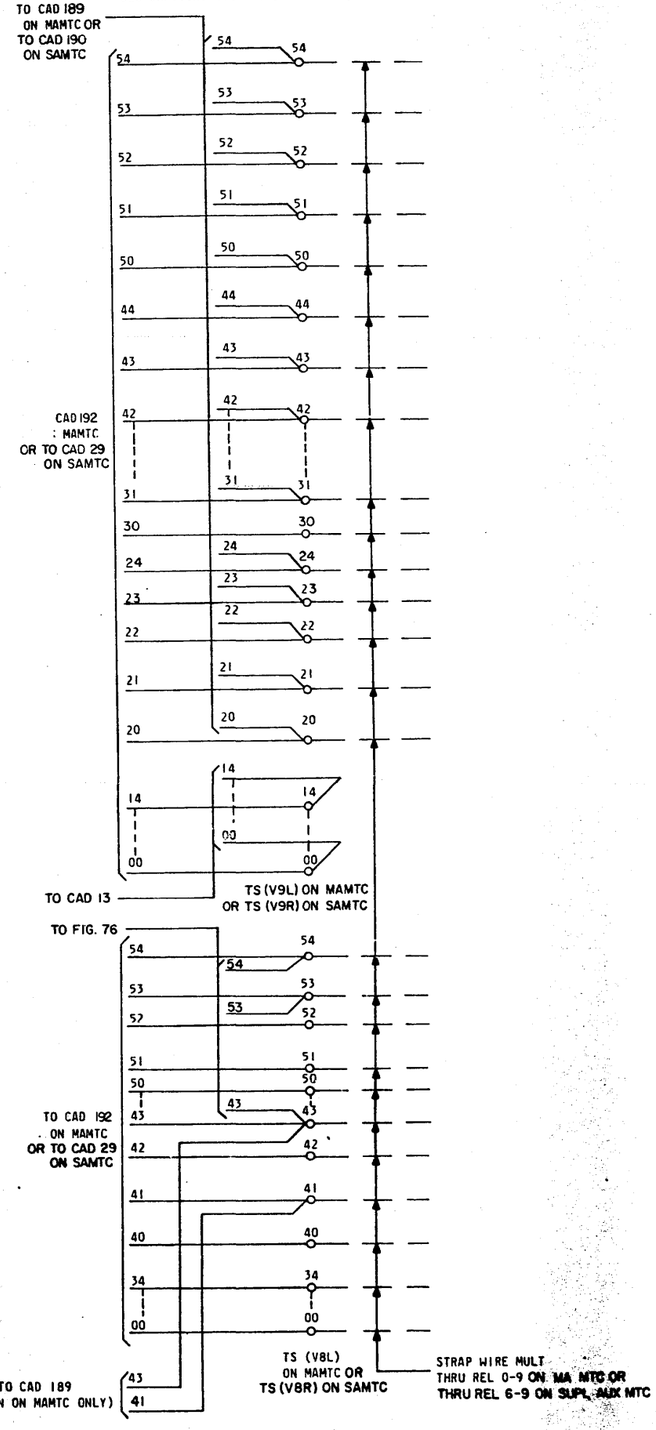
SHEET 65

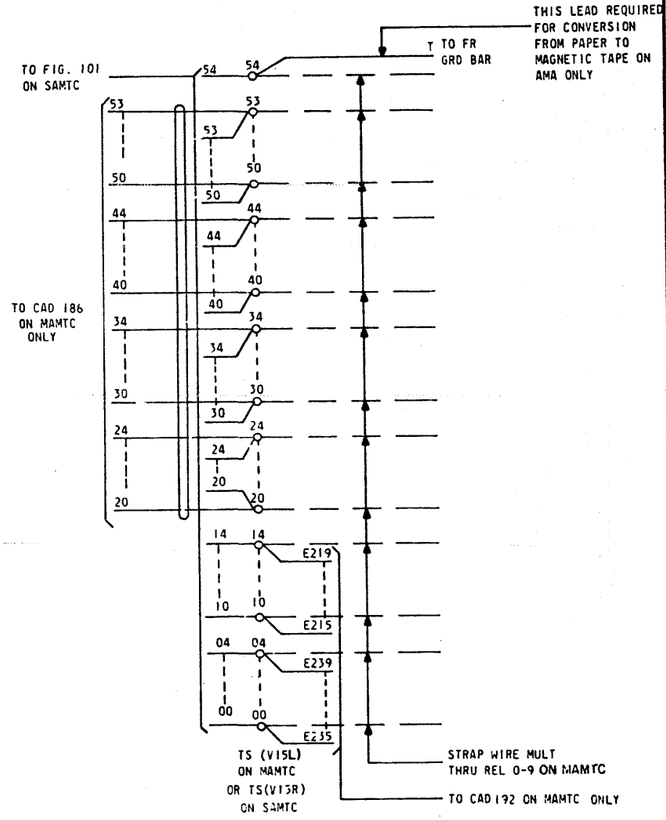
SD-25805-01-669B

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

FIG. SHEET 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	C1A	
38	38	OP	OP	TO CAD 102
37	37	C1A	C1A(1)	
36	36	OP	OP(1)	
35	35	MTL	MLT	
34	34	MTR	MTR	
33	33	CI	C1	
32	32	CO	CO	
31	31		TO	
30	30	TH	T1	
29	29	ONL	ONL	
28	28	STR	STR	TO CAD 3
27	27	CIC	CIC	
26	26	STG	STG	
25	25	TRA	TRA	
24	24	TCL	TCL	
23	23	CIT	CIT	
22	22	TM	TM	
21	21	C1B	C1B	
20	20	TST	TST	
19	19	C3	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		TRBI(D3)	
10	10		TRBI(D2)	
09	09		TRBI(D1)	
08	08		TRBI(DO)	
07	07		TRB(D3)	
06	06		TRB(D2)	
05	05		TRB(D1)	TO CAD 1
04	04		TRB(DO)	
03	03		RON(D3)	
02	02		RON(D2)	
01	01		RON(D1)	
00	00		RON(DO)	

T.S. (A) ON MTC

TO CAD 114

114

CWK	54	(A8L)
190	44	
139	34	
138	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	00	
169	34	
168	31	
165	23	(A5L)
163	20	
162	13	
161	04	
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

127	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	
50	00	(A0L)
46	DRT(D3)	
45	DRT(D2)	
44	DRT(DO-1)	
43	DR(D3)	TO CAD 111
42	DR(D2)	
41	DR(D1)	
40	DR(DO)	
268	54	
258	34	
257	32	
250	20	(C0R)
249	11	
239	00	
238	30	
224	01	(B3R)
223	01	(B6R)
430	W800	TO CAD 111

TO CAD 7

TO CAD 114

222	54	
213	40	
CWF	23	
212	22	
211	20	(B1L)
210	13	
OG		
207	10	
206	54	
197	40	(B0L)
196	14	
192	10	
431	00	
191	42	(A9L)
347	53	
346	51	
345	50	
344	13	
343	12	(C4R)
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	
297	40	(C1R)
236	32	
269	00	

TO CAD 7

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	ENG CLA APP	CH
48D	RLS APP	CA
53AR	RLS APP	CB
68D		
70D		

ISSUE 100B

SD-25805-01-G70

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

STYLE CODE 6S

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 (TOL)
358 21
TO CAD 114 354 12
353 03
352 02
351 54
350 42
349 41 (C5R)
348 01
423 G72
422 G71
405 E58
404 E57
403 E56
402 E55
401 E54 TO CAD 111
400 E53
399 E52
398 E51
397 E50
425 E112
424 E111
408 G65
413 34 (B3R)
409 30
(UG)
421 53
420 50 (C7R)
419 54 (C6R)
429 51 (B9R)
(QA)
TO CAD 7

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

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 TO CAD 100
18 C1B C16
17 TM TM
16 C1A(2)
15 C1A TO CAD 2
14 TTL1
13 XG SKT
12 ON ON
11 TRB1(2)
10 JJ,JG TRB1(1) TO CAD 1
09 RR1
08 RR MFR DISC.
07 ONL ONL TO CAD 100
06 RT1
05 RT TO CAD 1
04 N OP TO CAD 5
03 G TO FR GRD BAR
02 PRI 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
TS (A) ON MTC
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
TO CAD 179 ON
(NO)

TO CAD 117 ON AUX MTC
V14 54 54 V14
00 00
V10 54 54 V10
00 00
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
V9 54 54 V9
00 00
V5 54 54 V5
00 00
TO CAD 109
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC (SF) TO CAD 32 ON MTC UNIT FOR ANI TV OR TO CAD 192 ON MAMTC
V4 54 54 V4
00 00
V0 54 54 V0
00 00
W1 54 54 W1
00 00
W0 54 54 W0
00 00
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
G139 G139
G110 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 G109

TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
G108 G108
G80 G80
TO CAD 117 ON AUX MTC
E399 E399
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
E398 E398
E393 E393
TO CAD 117 ON AUX MTC
E392 E392
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
E391 E391
TO CAD 117 ON AUX MTC
E390 E390
E389 E389
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
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
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
E349 E349
E307 E307
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
E306 E306
E305 E305
E304 E304
TO CAD 117 ON AUX MTC OR TO CAD 192 ON MAMTC
E303 E303
E265 E265
E263 E263
E180 E180

DRAWING ISSUE
43D ONL ALW JE AW
45D ONL ALW PLP AW
49AR ONL LW AW WM
52D ONL PLP AW
53AR ONL LW AW
56D ONL PLP AW
70D

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G71
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-G71

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
TO PRT CONN CKT
FR2 E132
FR1 E131
FR0 E130
CN2 E105
CN1 E103
CN0 E101
SD E89
RLK E88
PTR E87
PKL E86
PCK E85
LT E84
CMC E83
CMB E82
CMA E81
CM3 E80
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

PRT
TO FIG. 82A
TO IR PRT CONN CKT
RGGI(7) RGGI(6) RGGI(5) TO CAD 5
TO PRT CKT FIG. 82
PTL TO CAD 2
TO PRT CKT FIG. 78 OR FIRST FIG. 82A
LK LK1-PTP1
TO CAD 201
ON2 UG
CIT ON ONL STR TM CIB TO CAD 104 TO CAD 101
TO PRT CKT FIG. 82
TO PRT CKT FIG. 78 OR FIRST FIG. 82A
CIA(1) OP(1) CIA OP TO CAD 100
TO CAD 111
TO CAD 51
TO PRT CKT FIG. 80 OR TO LAST FIG. 82A
CONNECT WHEN PRETRANSLATORS ARE NOT PROVIDED
DO NOT RUN WHEN LIT DIRECTORY NUMBER PRINTOUT IS PROVIDED
LW
TO PRT CONN CKT
RGGI(3) RGGI(2) RGGI(1) TO CAD 5
TO PRT CKT FIG. 82
RGC2 RGC1 PGCO RGCO PR RP1 RP TO CAD 1
TO PRT CKT FIG. 84
TO FIG. 82A
TO FIG. 82C
TS (A) ON MTC

PART OF CAD 103
SWBD CA FROM MTC TO MTF CONT

SEE TABLE 2A FOR LEAD DESIG
B5 TS (B5R)
B4 TS(B4R)
TO MA TEST CONT CKT
B3 TS(B3R)
B2 TS(B2L)
B1 TS (B1L)
B0 TS(B0L)
A5 TS (A5L)
A2 TS (A2L)
TO MASTER TEST FR JK, LP & KEY CKT
TRB1(C7L) TRB1(C0) TO CAD 3
TO MA TEST CONT CKT
MKT(C7) MKT(C2) MKT(C1) MKT(C0)
TO MA TEST CONT CKT (SEE NOTE 224)
CKO TS (A9L)
TO MA TEST CONT CKT
PSG TS(A1L)
PSI TS(A7L)
ROH TS (C2R)
TO WIDEBAND/BIT-STREAM TEST CONT CKT
LXPA TS (A1L)
TO CAD 7

MT CONT
TO CAD 195 STR
TO CAD 198 CIB
NT
TO MA TEST CONT CKT
TSO KCS TO CAD 1 TO CAD 3
TO CAMA APTT CKT VIA MA TEST CONT CKT
AKT MTL(1) TO CAD 2
TO MA TEST CONT CKT
TO CAD 159 (MFR DISC)
OLT STRA STR TO CAD 105 TO CAD 1
TO LINE VERIFICATION CKT VIA MA TEST CONT CKT
TS(C) MKS(1) LVP TS1 TO CAD 101 TO CAD 2
TO CAD 7
TO MASTER TEST FR JK, LP & KEY CKT
TRB1(AM) TRB1 TO CAD 104 TO CAD 1
TO MA TEST CONT CKT
TST TST TO CAD 145 TO CAD 100
TO APTT CKT VIA MA TEST CONT CKT
TS(B) AMKS ATP MKS TS TO CAD 2
TO MA TEST CONT CKT
TS(A) MTP SKT TTL MTL SPC SP TS2 TO CAD 101 TO CAD 2
TO WIDEBAND/BIT-STREAM TEST CONTROL CKT
CIB TO MA TEST CONT CKT (SEE NOTE 224) TM CIB TO CAD 1
TO CAD 161
CIB TM TO CAD 145
TS (A) ON MTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE
43D EM CLK
45D CB A
48D CB LW CB
52D PM
59D MF
60D CM PFT
62D JK CB E
63A FLK CB
64D CH CB
66D HF CB
68D CB
70D
71D CB
73D CB C
75D

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G72
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G72
STABILO

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) TS(C1R)

(CO) TS(COR)

(QA)

B9 TS(B9R)

B8 TS(B8R) TO CAD 7

TO MASTER TEST CONT CKT (SEE NOTE 224)

B7 TS(B7R)

(B6) 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) TS(C6R)

(C5) TS(C5R)

(C4) TS(C4R)

TO MASTER TEST CONT CKT (SEE NOTE 224)

(C3) TS(C3R)

TO CAD 7

(C2) TS(C2R)

(C1) TS(C1R)

SEE TABLE 2C FOR LEAD DESIG FOR APP FIG 164 ONLY

(D2) TS(D2R)

A8 ONLY

(D1) TS(D1R)

(DO) 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 — E99 TO CAD 111

MTFT — E98

LVF — E95

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 — E97

LVM — E96

ATKT — E94

CMC — E83

CMB — E82

CMA — E81

TI — E01

PKI — WB00

WDTI — WDTI(1)

WDTF — WDTF(1)

WAT — WAT(1) TO CAD 111

TO MASTER TEST RTC CONT CKT

SEE TABLE 2A FOR LEAD DESIG

(T3) TS(T3R)

(T2) TS(T2R)

(T1) TS(T1L) TO CAD 7

(TO) TS(TOL)

TO MASTER TEST CONT CKT (SEE NOTE 224)

(C7) TS (C7R)

SEE TABLE 20 FOR LEAD DESIG FOR APP FIG 164 ONLY

(E0) TS (E0R) ON MTC EXT UNIT — TO CAD 35 OR TO CAD 203

(E1) TS(E1R) ON MTC EXT UNIT — TO CAD 35

(E2) TS (E2R) ON MTC EXT UNIT

TO MASTER TEST CONT CKT (SEE NOTE 224)

(FO) TS (FOR) ON MTC EXT UNIT

(F1) TS (F1R) ON MTC EXT UNIT — TO CAD 40

XLS — TS (A6R)

P — 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

WHSJ

WTK

RUKI — E302

JSSF — E209

WFCK — WB13

WLFK — WB12

RWL — WB11

WTFK — WB03 — TO CAD 109

TO MASTER TEST CONT CKT FOR WIDEBAND/ BITSTREAM

WBTO — E231

WBT2 — E221

WBTI — E220

NWT — TO CAD 111

TO MASTER TEST CONT CKT

WDTI — WDTI (2)

WDTF — WDTF (2)

WAT — WAT (2)

SWAT — TO CAD 111

TO AUTO. MON REG&SDR TEST CKT (SEE NOTE 224)

TO MASTER TEST CONT CKT FOR WIDEBAND/BITSTREAM

OH

DRAWING ISSUE

43D	BM CLK
44A	DLS CLS
45D	JB
49AR	
50AC	
52D	
53AR	
54AC	
55D	
56D	
57A	
590	
620	JK
643	TRM
662	LF
690	
700	
710	
730	
750	

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G73A

BELL TELEPHONE LABORATORIES INCORPORATED

SYS CODE 6S

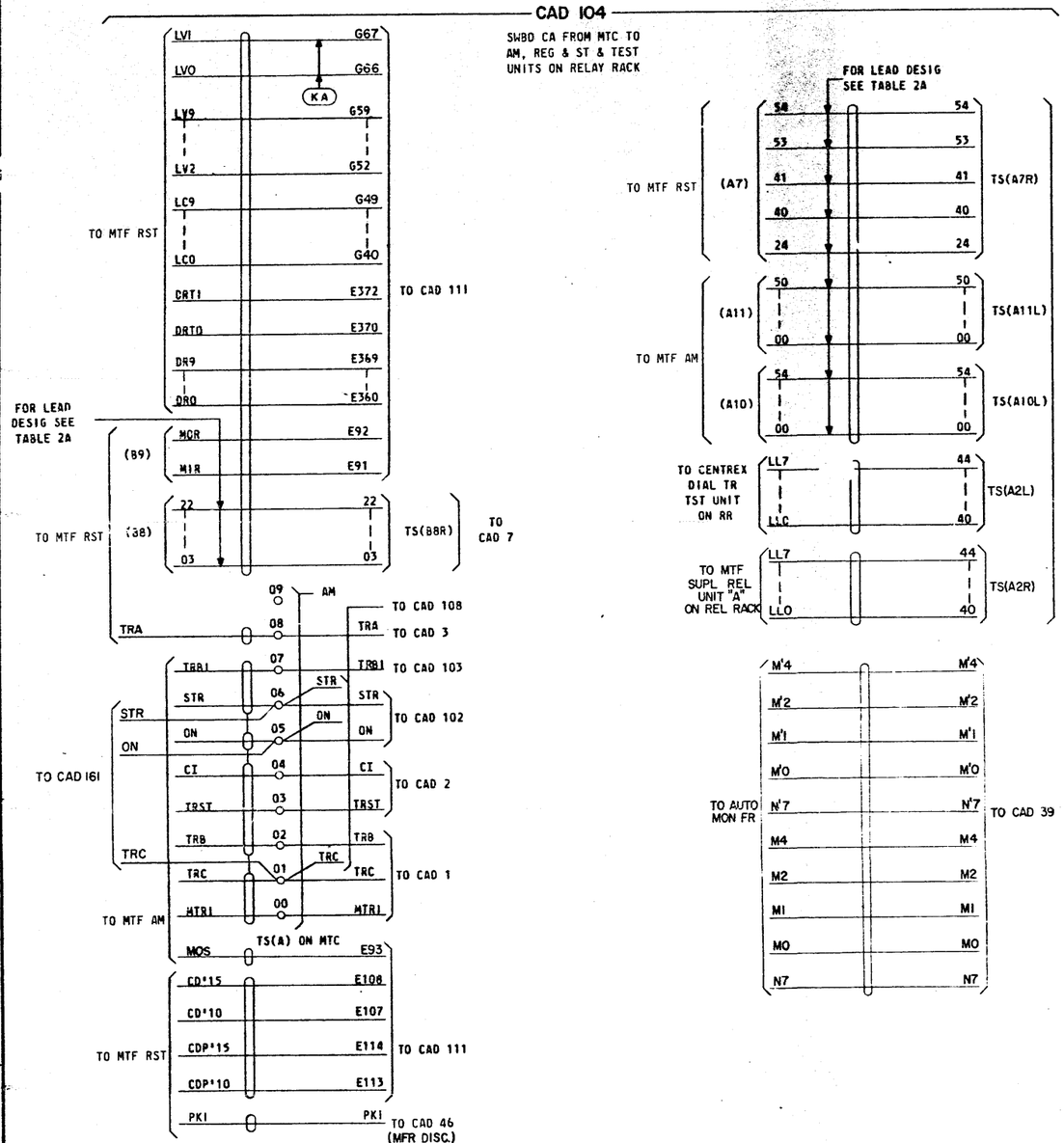
PRINTED IN U.S.A.

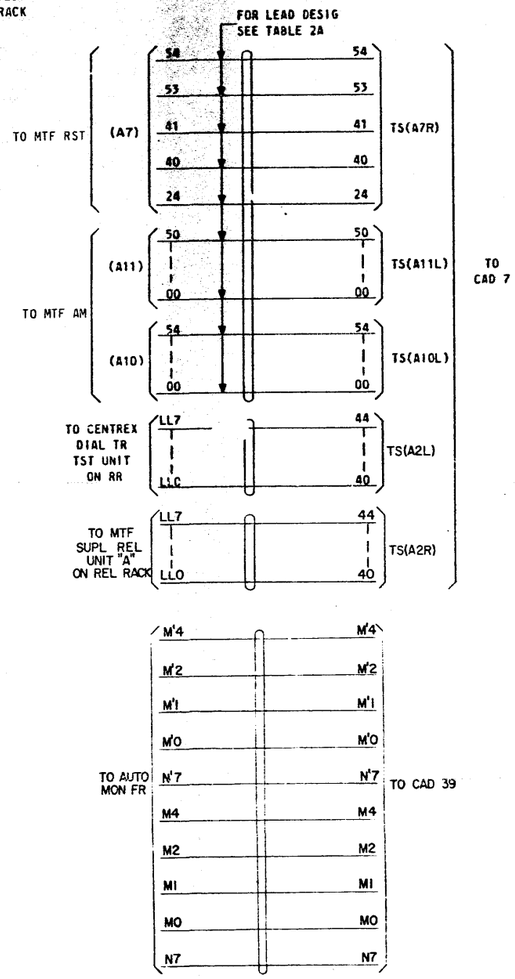
SD-25805-01-G73A

STABILO

CAD 104

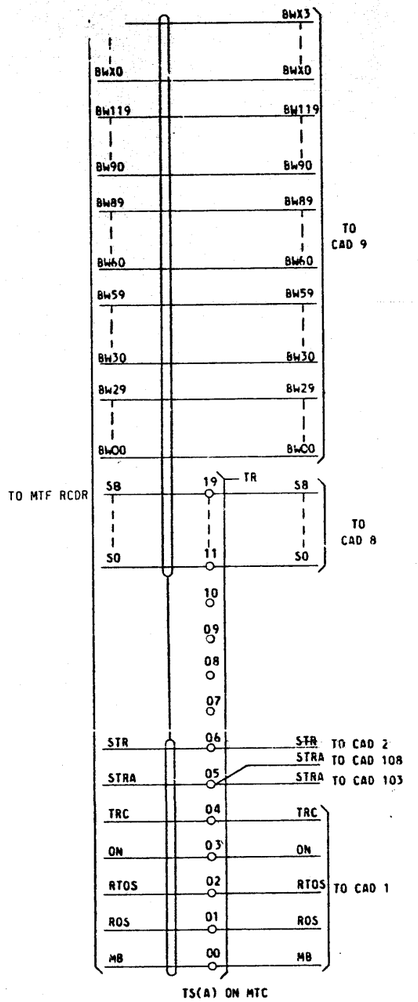
SWBD CA FROM MTC TO AM, REG & ST & TEST UNITS ON RELAY RACK





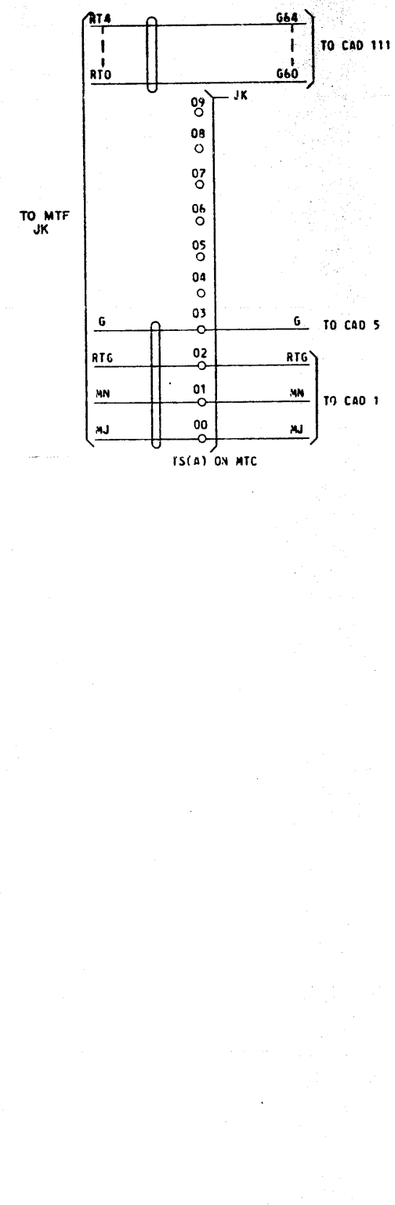
CAD 105

SWBD CA FROM MTC TO MTF RCDR



CAD 106

SWBD CA FROM MTC TO MTF JK



DRAWING ISSUE		
50AC	JAB RDH AMD	CB
52D	JAB RDH AMD	CB
56D	TJD GLM AMD	CB
58A	RDH LJC AMD	CB
62D	JK	CB
68D		CB
70D		CB
71D		CB

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 — SIZE AND DWG NO. 6S

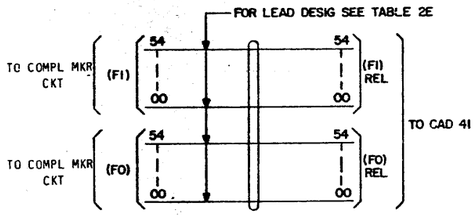
SD-25805-01-G738

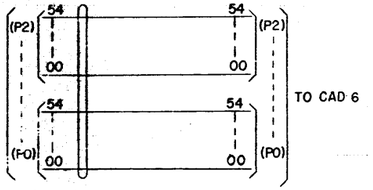
STABILO

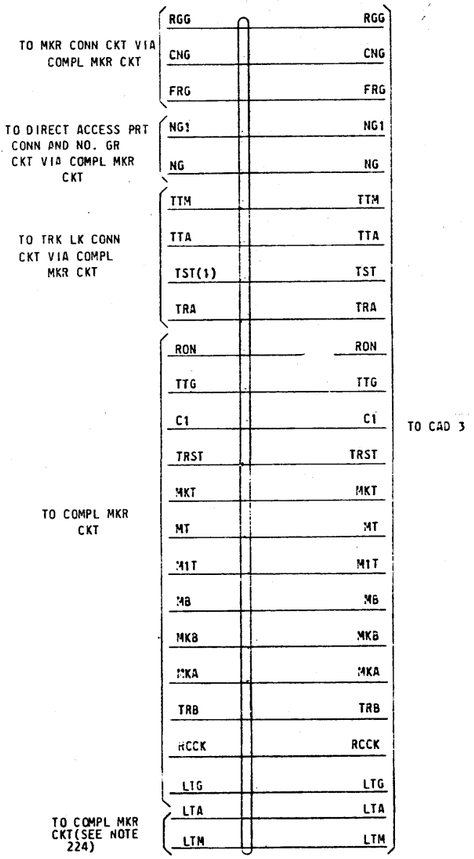
CAD 107

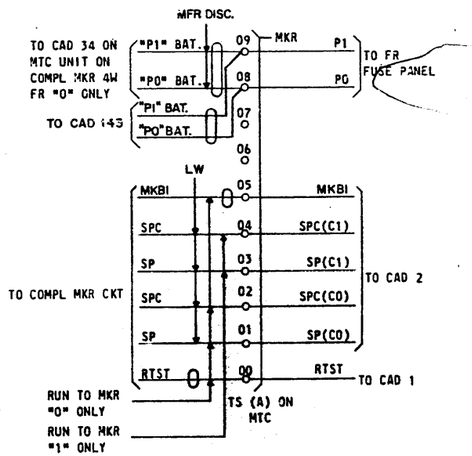
SWBD CA FROM MTC TO COMPL MARKERS (ONE PER COMPL MARKERS)

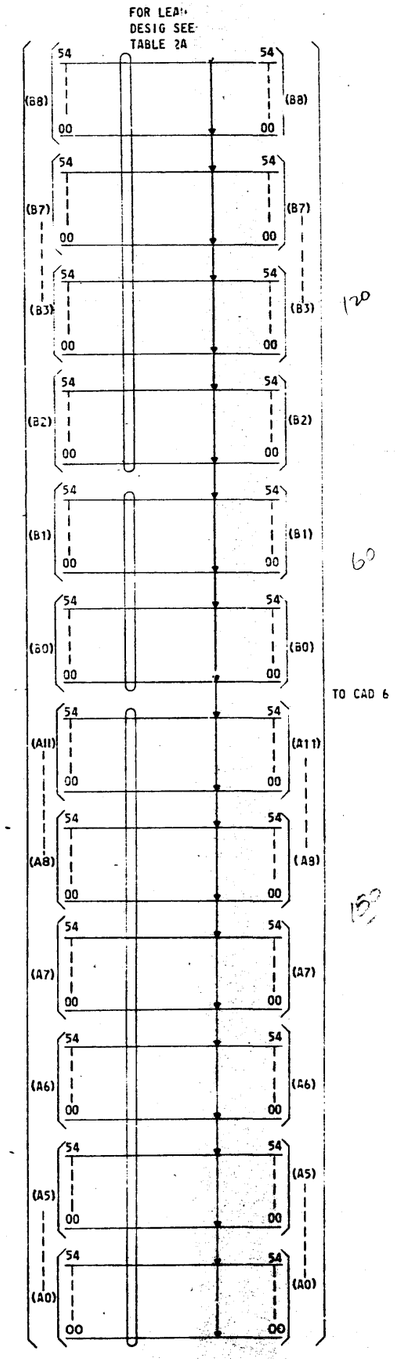
(SEE CAD 168 FOR MARKER EXPANSION)

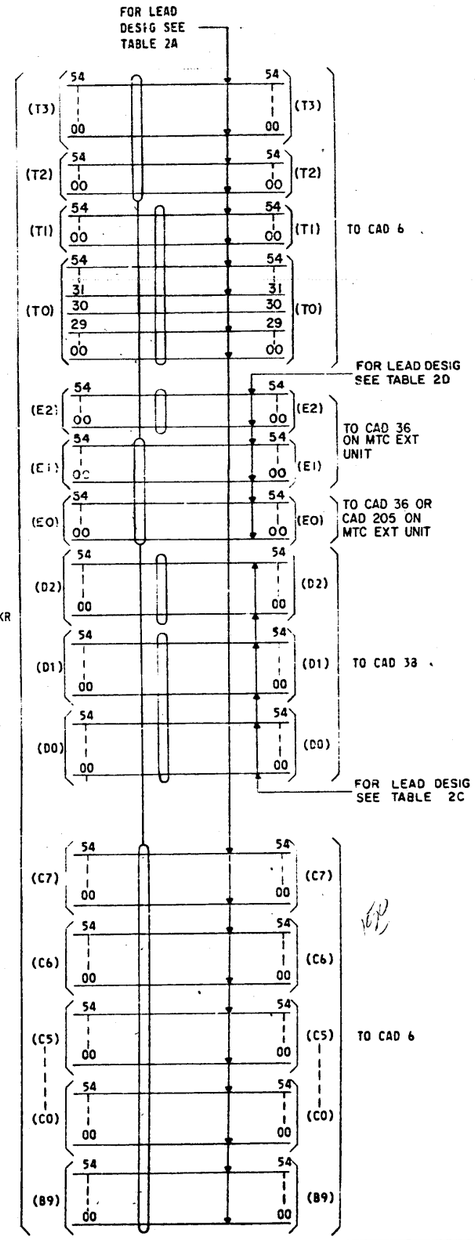












NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
45D
50AC
52D
55D
65D
70D
73D
75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G74

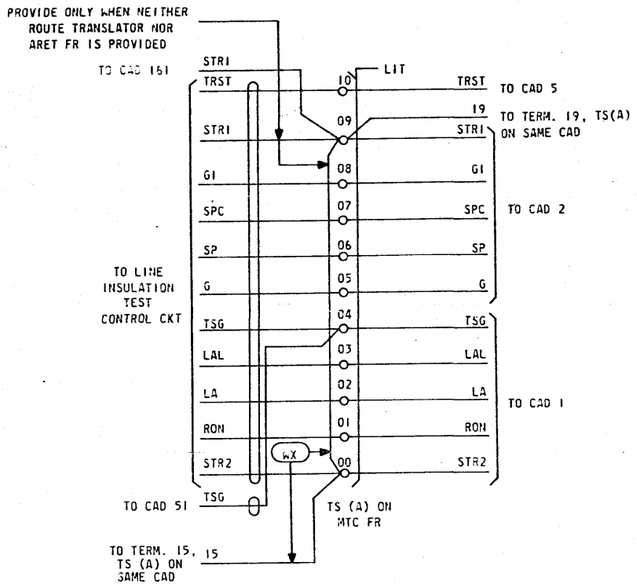
BELL TELEPHONE LABORATORIES INCORPORATED

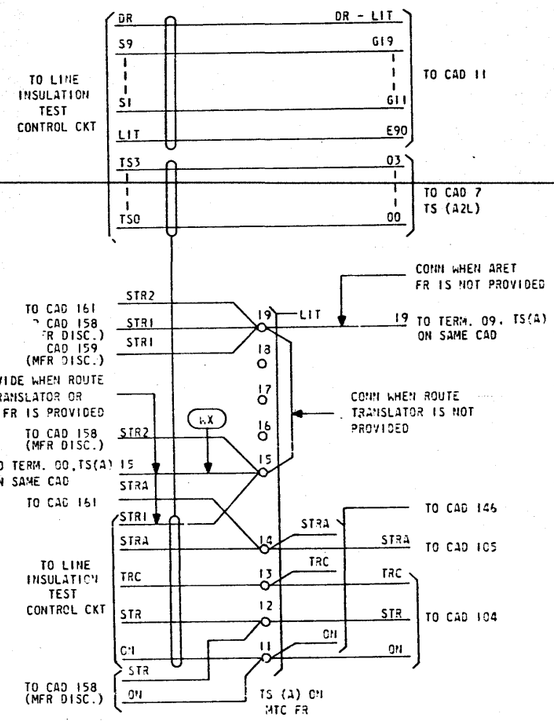
BELL SYS 6S

STABILO

CAD 108

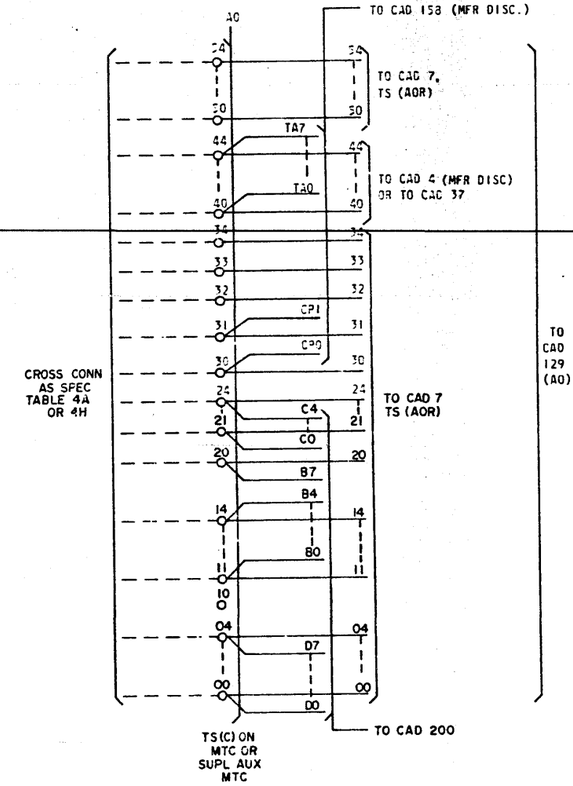
SWBD CABLE FROM MTC TO LINE INSULATION TEST CONTROL CKT





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.

DRAWING ISSUE

620	N.F.
640	12/M
700	

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G75A

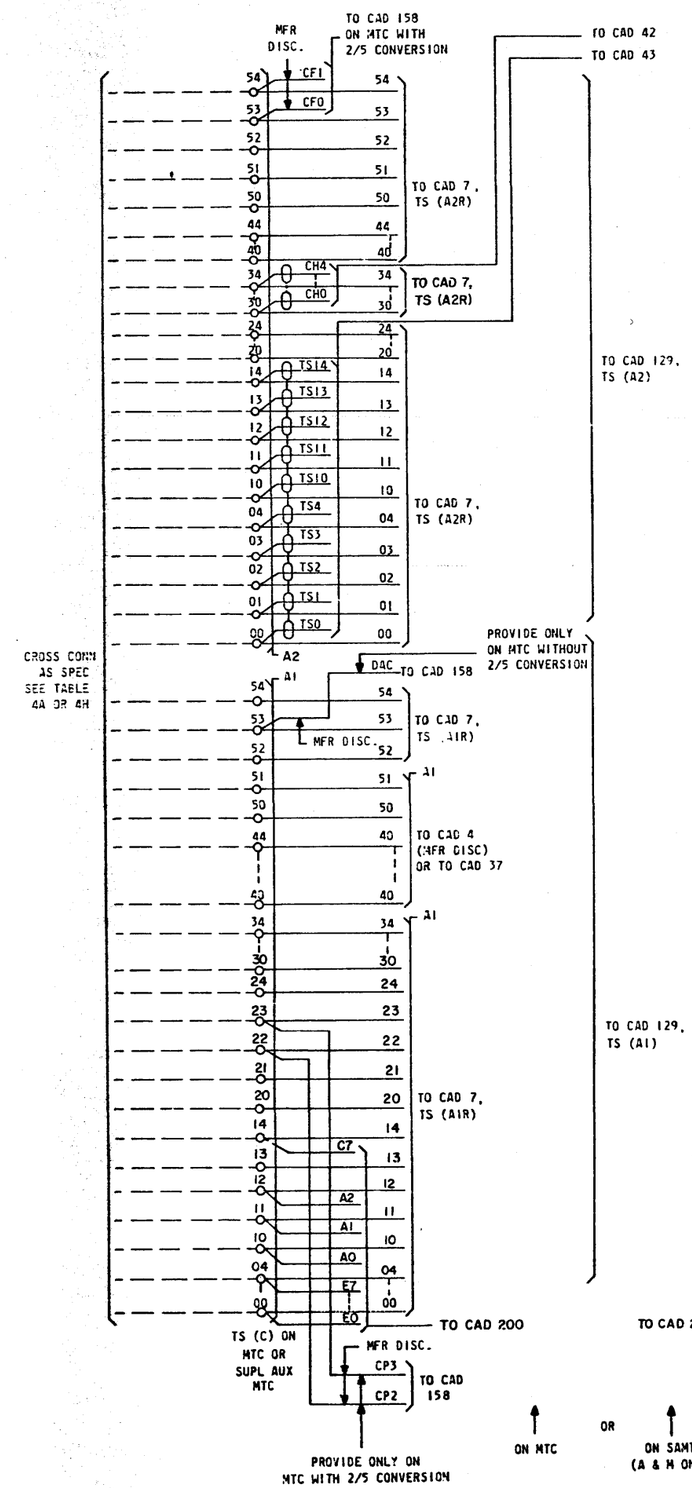
BELL TELEPHONE LABORATORIES INCORPORATED

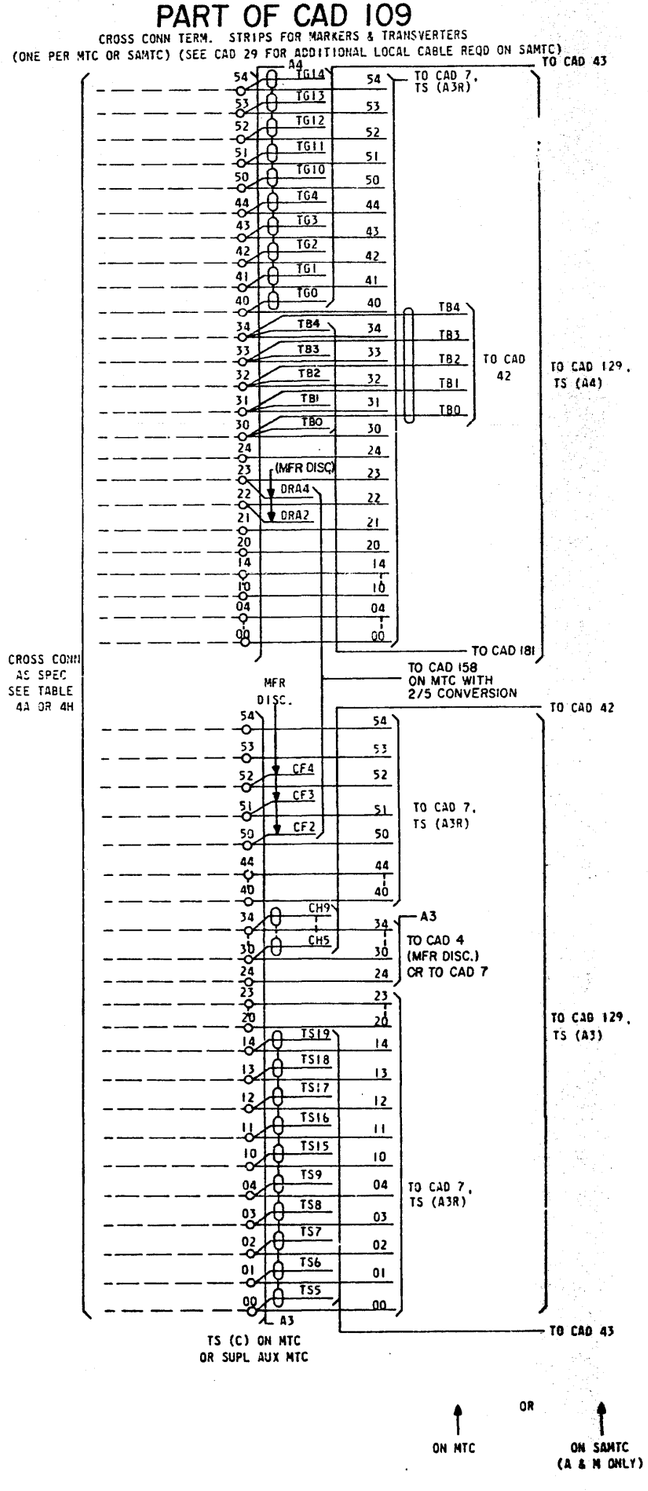
6S

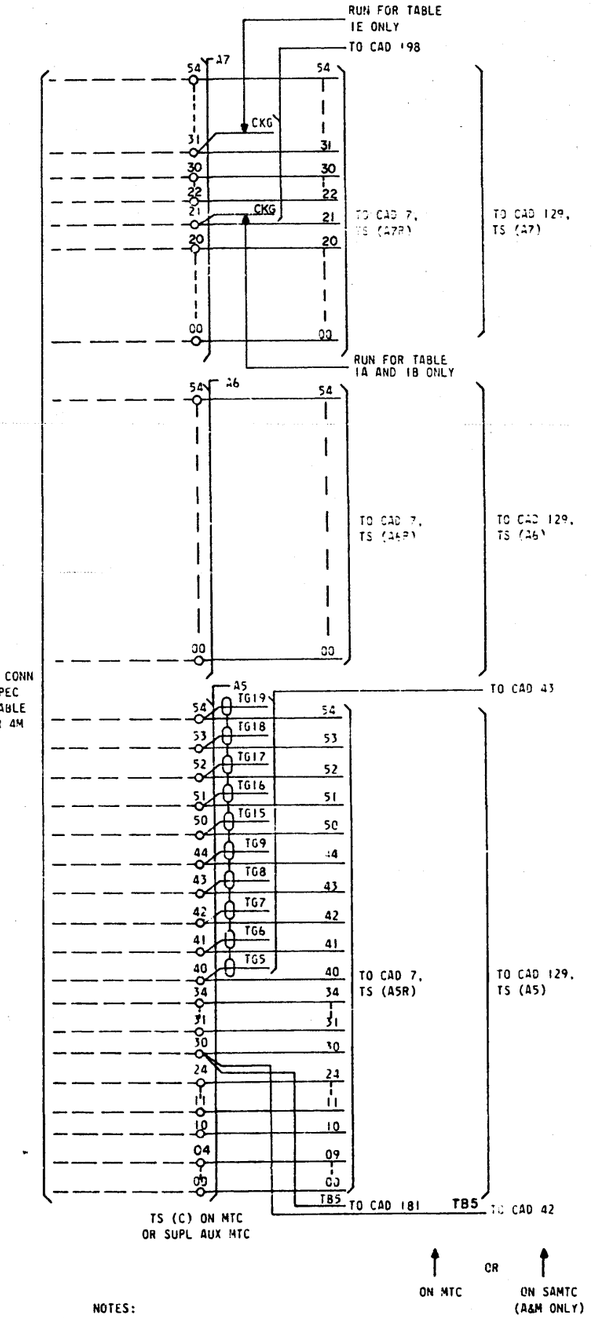
SD-25805-01-G75A

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 G1A.

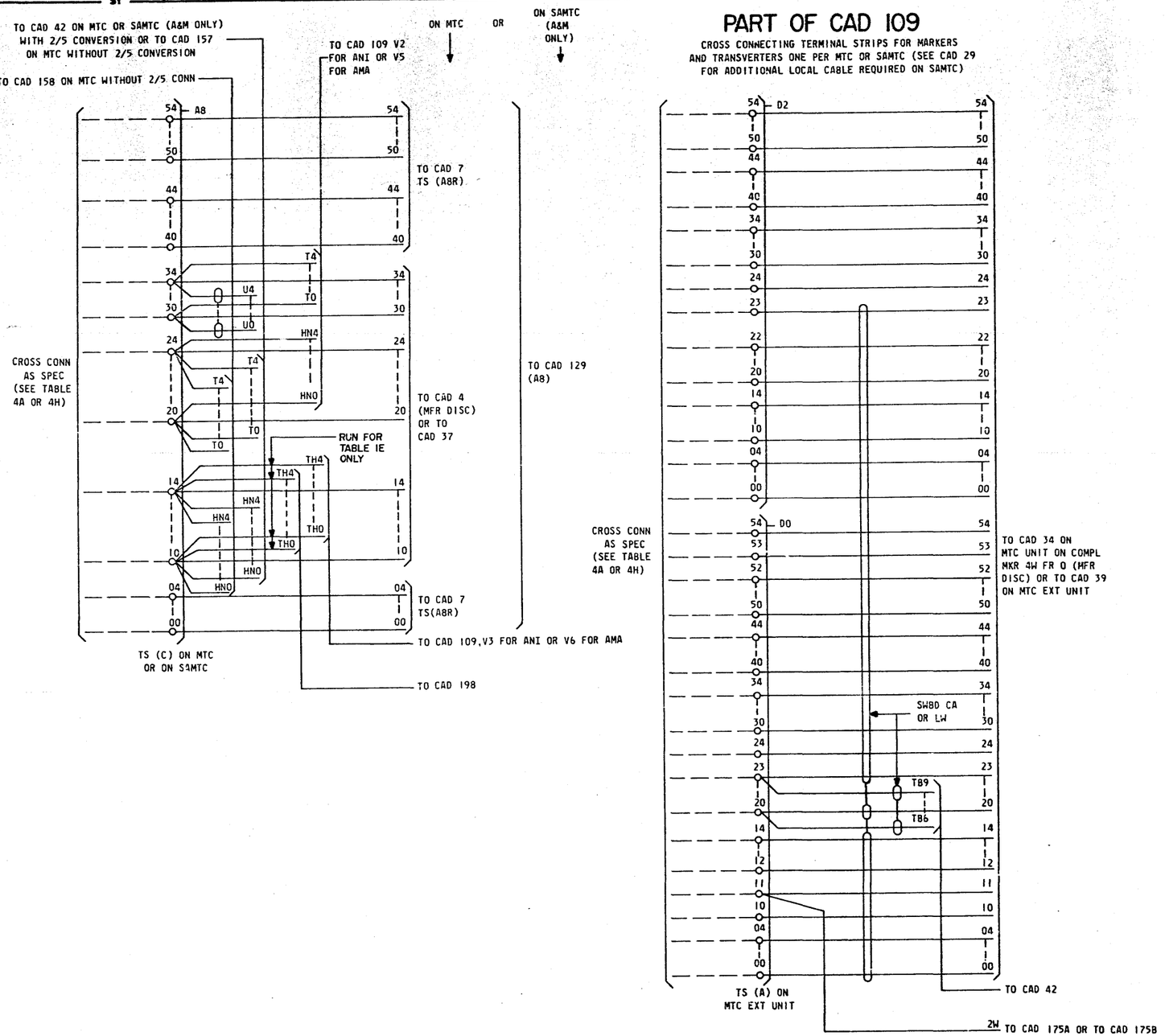
DRAWING ISSUE
62D LT
70D
73D

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)



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
730
74A
75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

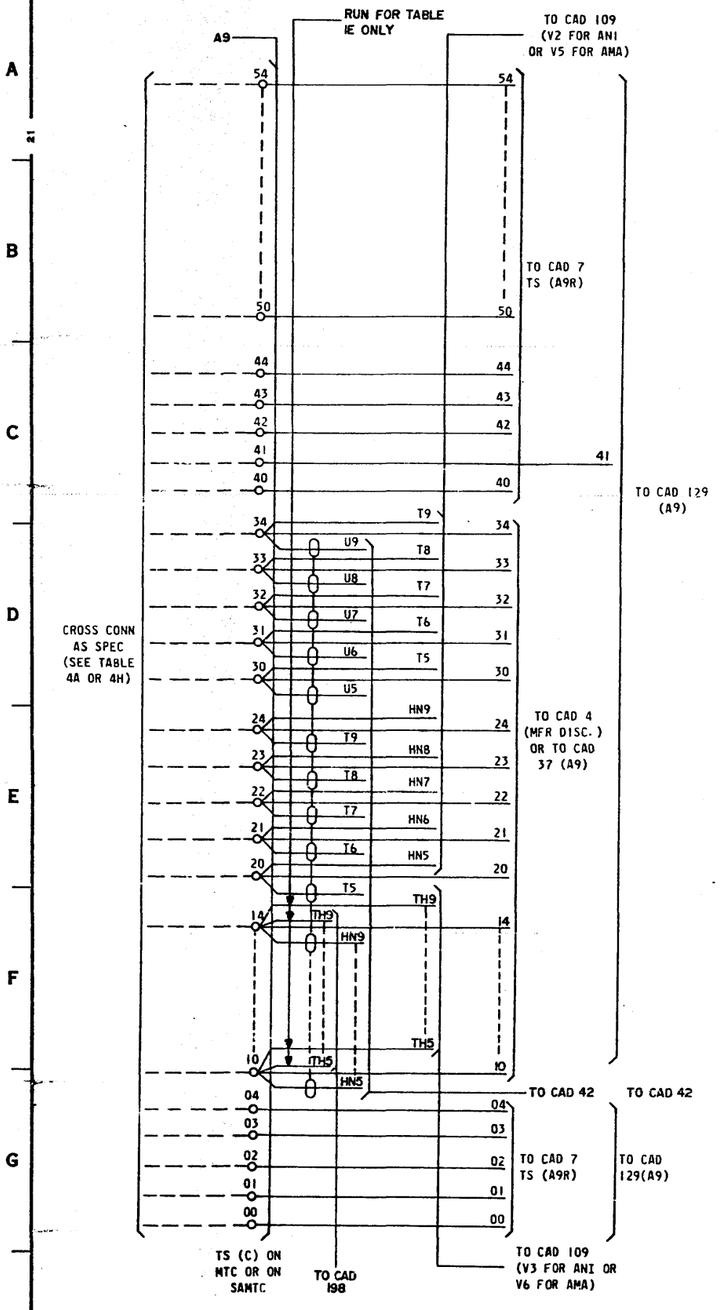
SD-25805-01-G75C

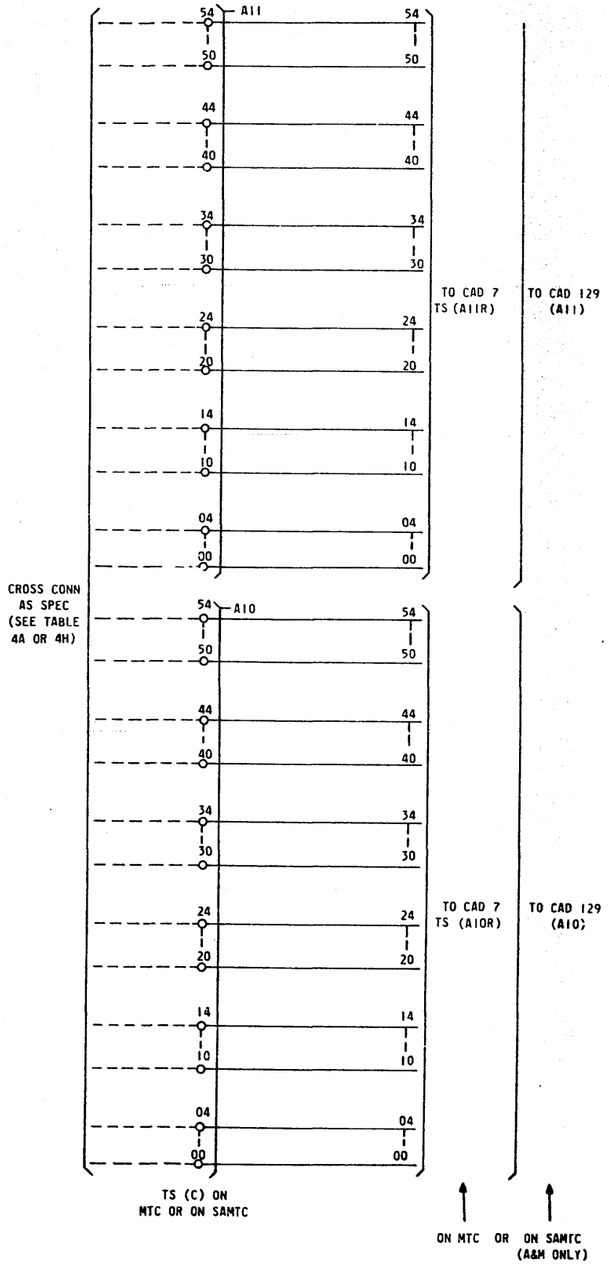
BELL TELEPHONE LABORATORIES INCORPORATED

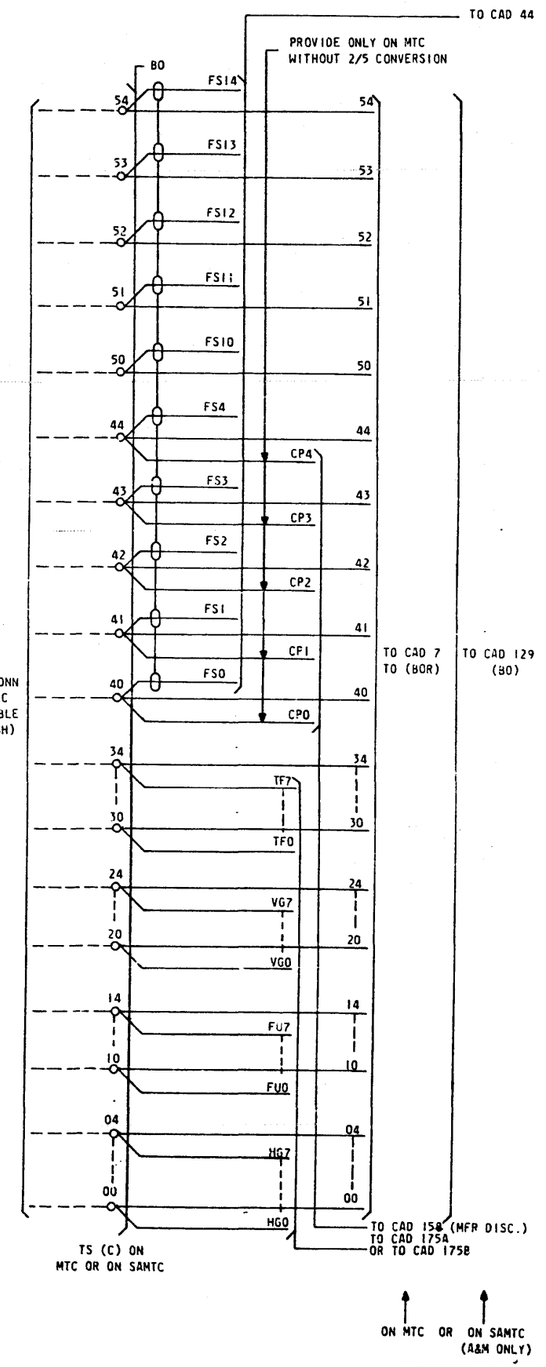
6S

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)







DRAWING ISSUE 75D

ISSUE 96B

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT

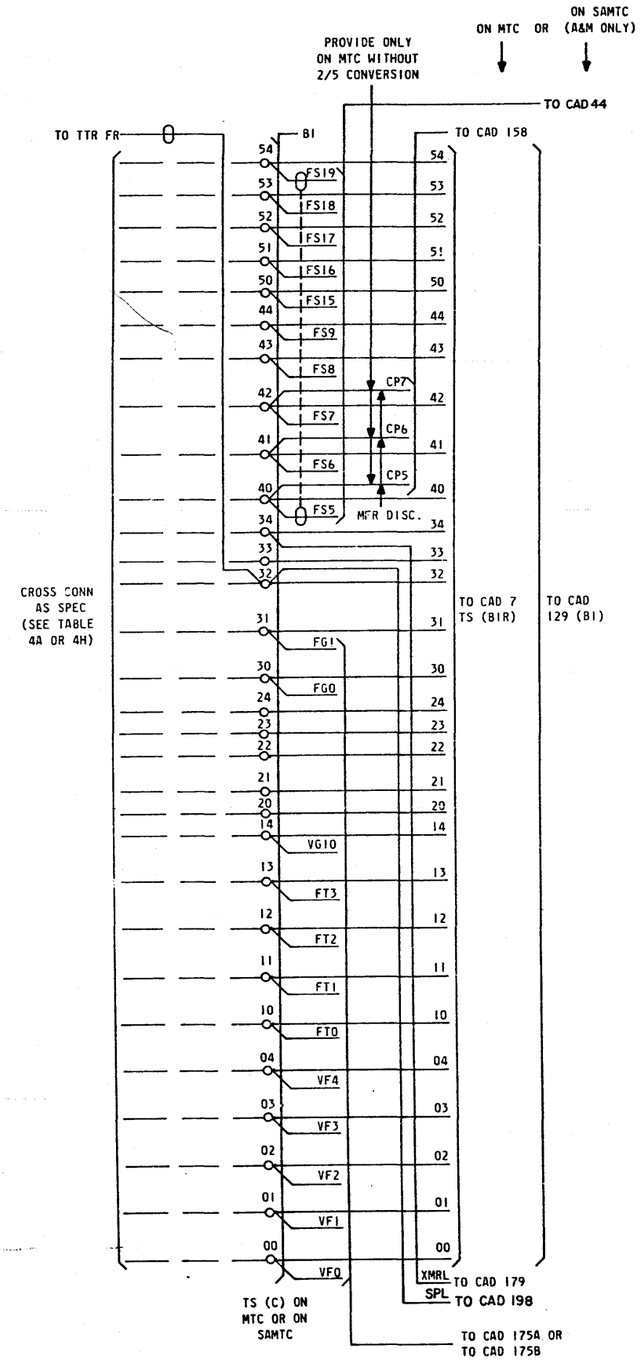
SD-25805-01-676A

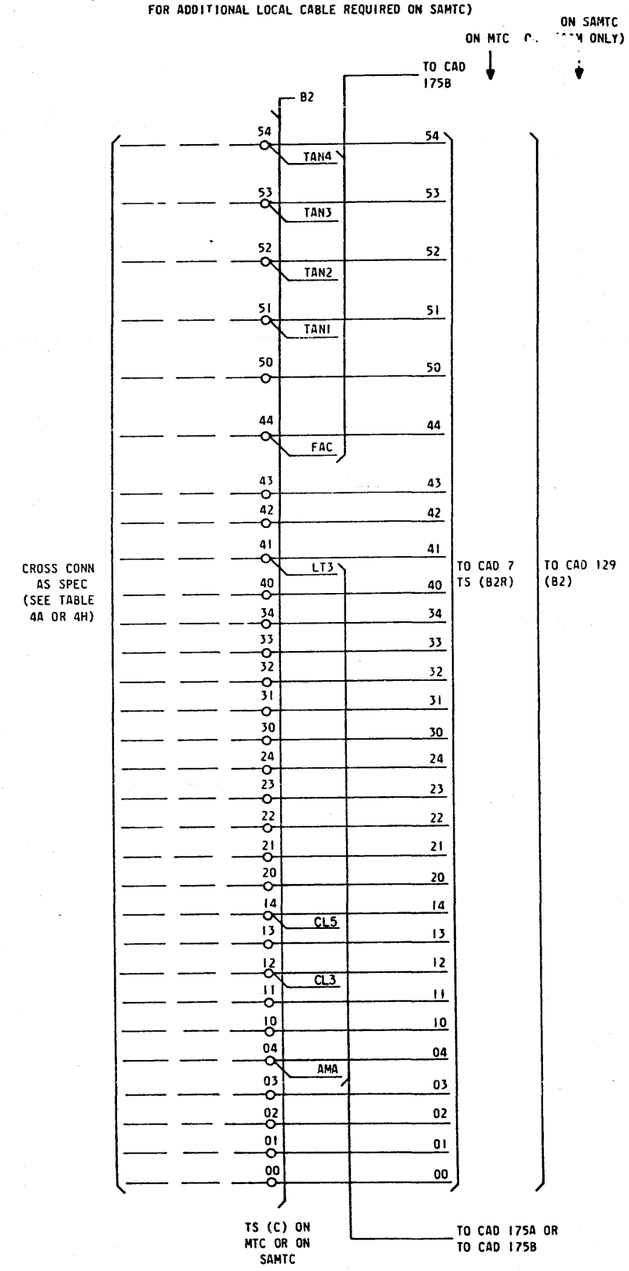
BELL TELEPHONE LABORATORIES INCORPORATED

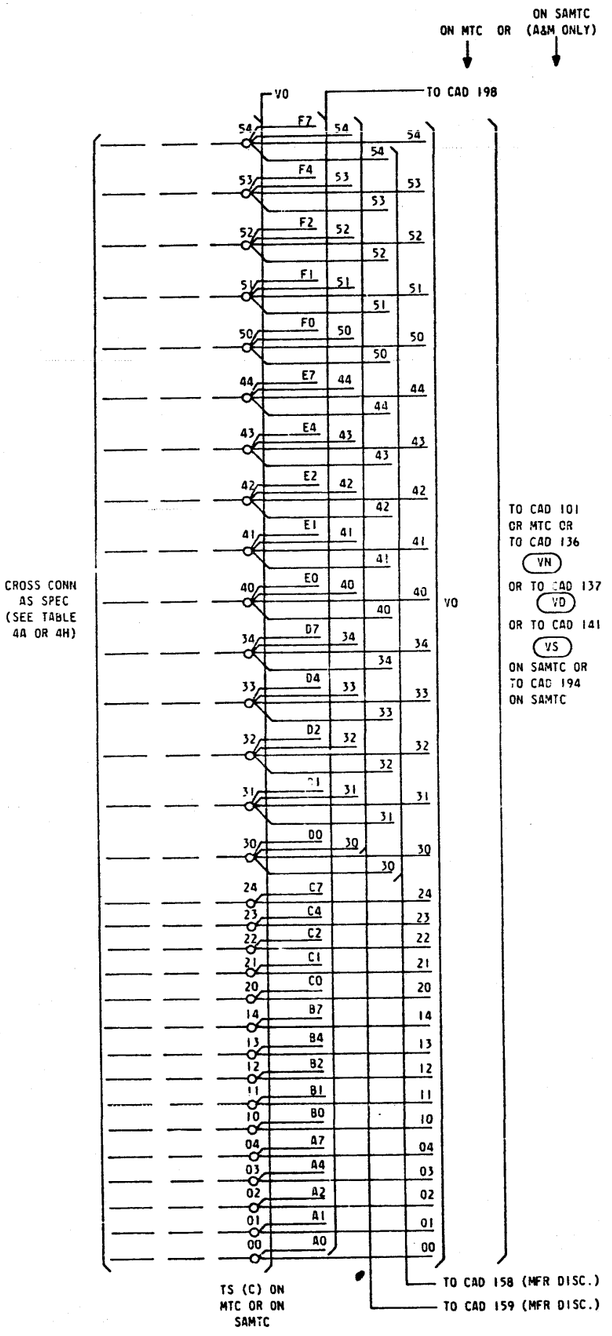
6S

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-25805-01-676B

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)

RUN WHEN LAMA IS PROVIDED

ON MTC OR ON SAMTC (A&M ONLY)

TO CAD 111 FOR ANI

CROSS CONN AS SPEC (SEE TABLE 4A OR 4H)

V1

VG10 VG7 VG4 VG2 VG1 VG0

FT3 OFF9 RN7

FT2 OFF8 RN4

FT1 OFF7

FT0 OFF6

OFF5 OFF5

OFF4 OFF4

OFF3 OFF3

OFF2 OFF2

OFF1 OFF1

OFF0 OFF0

H7

OFF9 OFF8 OFF7 OFF6

MC G7 G4 G2 G1 G0

TO CAD 101 ON MTC OR TO CAD 136 (VN) OR TO CAD 137 (VD) OR TO CAD 141 (VS) ON SAMTC OR TO CAD 194 ON SAMTC

TS (C) ON MTC OR ON SAMTC

RUN WHEN ANI IS PROVIDED

RUN WHEN LAMA IS PROVIDED

TO CAD 159 (MFR DISC.)

TO CAD 198

RUN ONLY WHEN AMA OR CAMA OR BOTH ARE FURNISHED

RUN WHEN ANI IS PROVIDED

V2

HN9 HN8 HN7 HN6 HN5 HN4 HN3 HN2 HN1 HN0

A9 A8

CROSS CONN AS SPEC (SEE TABLE 4A AND 4H)

T9 T8 T7 MC T6 T5 TIK T4 T3 T2 NOB T1 T0 ITR U9 U8 U7 U6 CKG U5 U4 U3 U2 U1 U0

UA9 UA8 UA7 UA6 UA5 UA4 UA3 UA2 UA1 UA0

TO CAD 42 (FOR ANI ONLY)

TO CAD 109 FOR ANI

TO CAD 101 ON MTC OR TO CAD 136 (VN) OR TO CAD 137 (VD) OR TO CAD 141 (VS) ON SAMTC OR TO CAD 194 ON SAMTC

TS (C) ON MTC OR ON SAMTC

TO CAD 198

TO CAD 4 (MFR DISC.) OR TO CAD 37 ON MTC OR TO CAD 129 ON SAMTC

RUN WHEN LAMA IS PROVIDED

RUN WHEN ANI IS PROVIDED

ON MTC OR ON SAMTC (A&M ONLY)

TO CAD 198

TO CAD 46 (MFR DISC.)

V3

TIK TR MC FU7 FU4 FU2 FU1 FU0 WMXT OFT2 OFT1 OFT0

TH9 TH8 TH7 TH6 TH5 TH4 TH3 TH2 TH1 TH0

WTK WTK WTK LXW1 WCK CWCN CWCN RSMK WDC1 WDC1 WDC1

A9 A8

CROSS CONN AS SPEC (SEE TABLE 4A AND 4H)

TO CAD 101 ON MTC OR TO CAD 136 (VN) OR TO CAD 137 (VJ) OR TO CAD 141 (VS) ON SAMTC OR TO CAD 154 ON SAMTC

TO CAD 109 (FOR ANI ONLY)

TS (C) ON MTC OR ON SAMTC

TO CAD 198

RUN WHEN ANI IS PROVIDED FOR TABLE IA OR IB ONLY

TO CAD 103

TO CAD 114

RUN FOR TABLE IE ONLY

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT

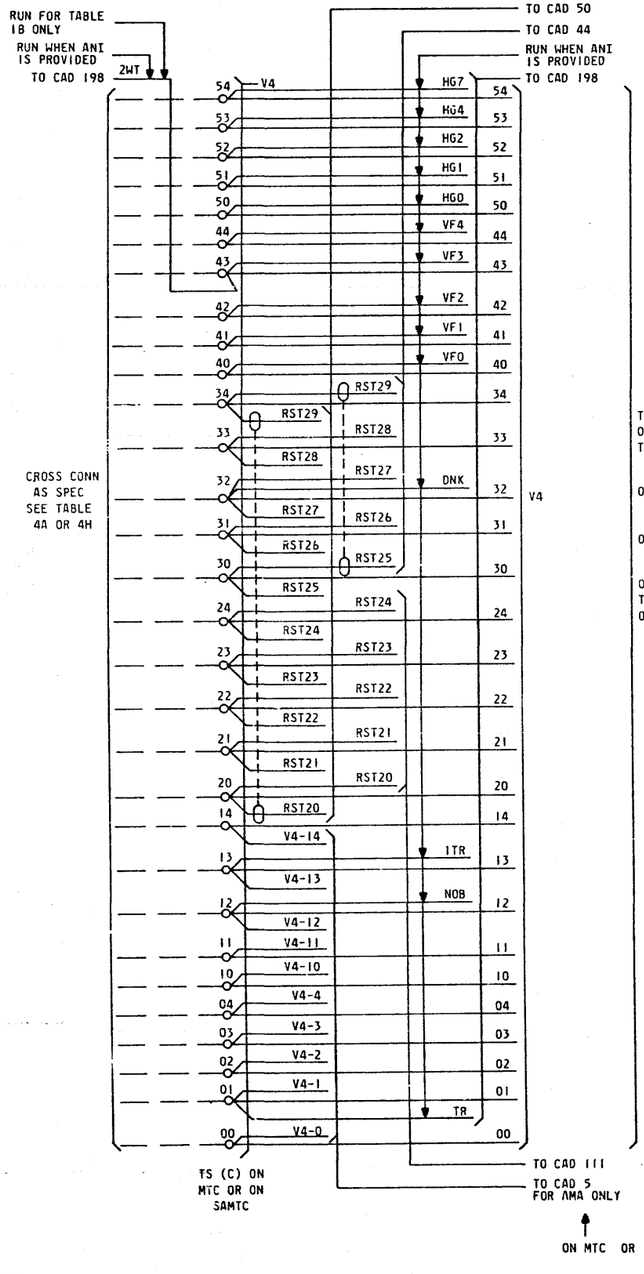
SD-25805-01-G76C

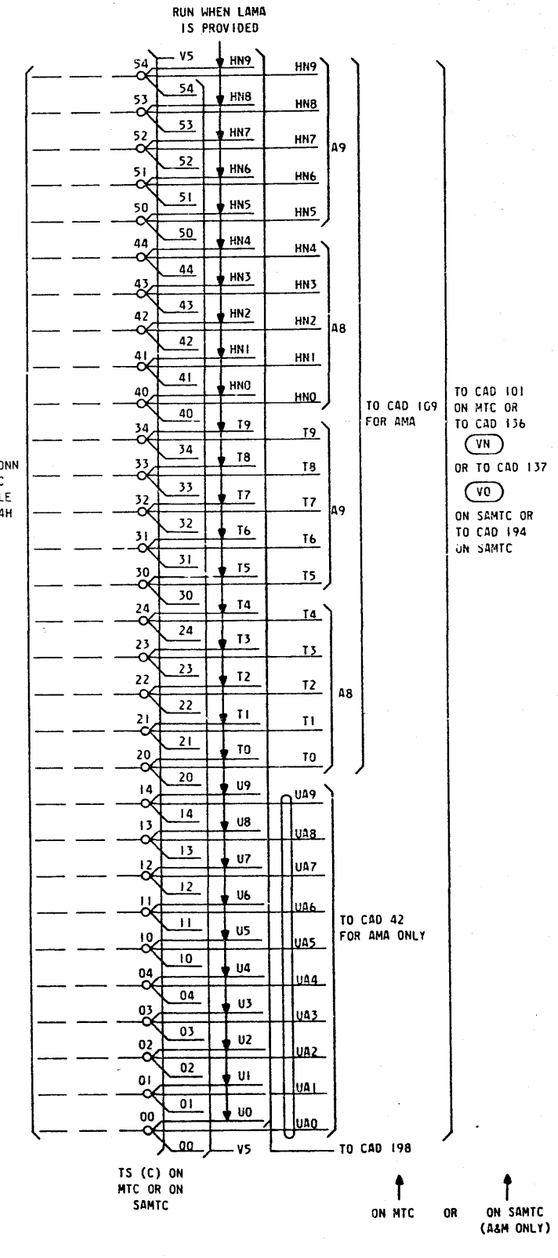
BELL TELEPHONE LABORATORIES INCORPORATED

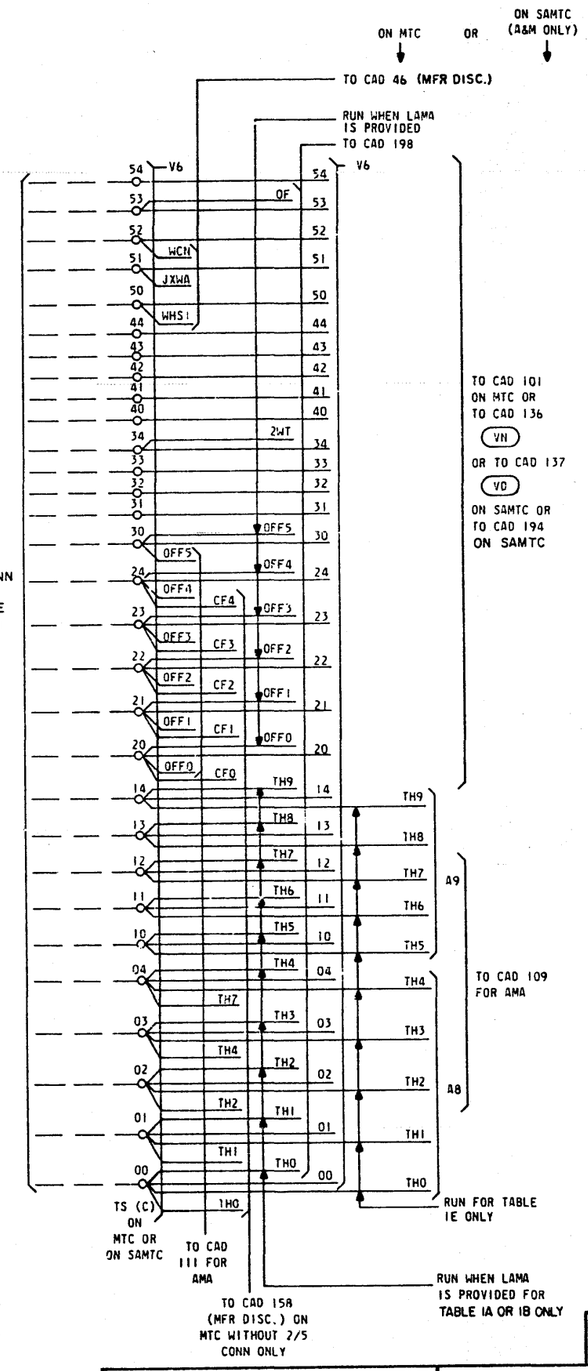
6S

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 9GB

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT

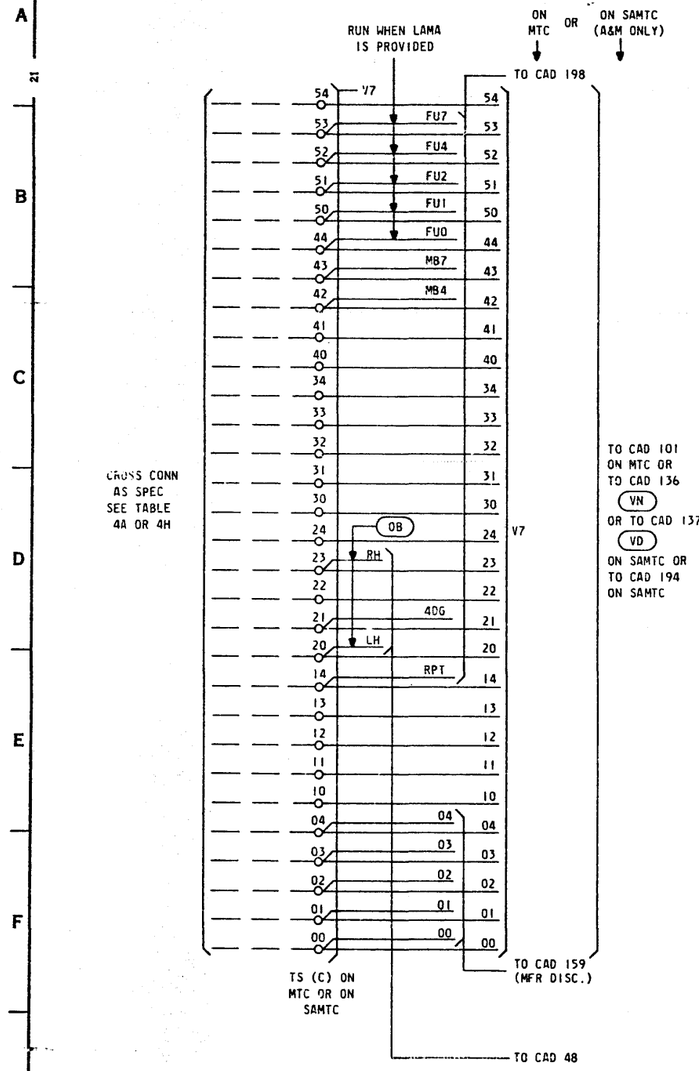
BELL TELEPHONE LABORATORIES INCORPORATED

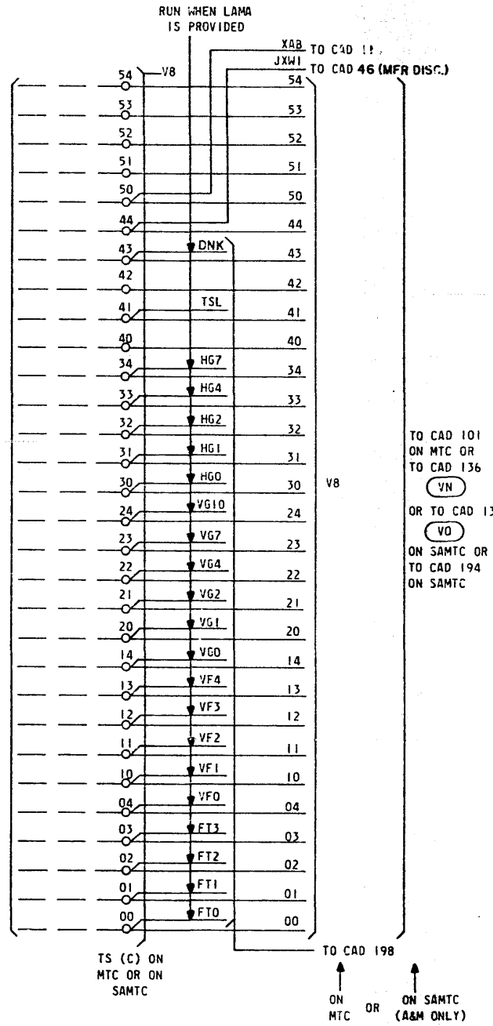
DRAWING SIZE 6S

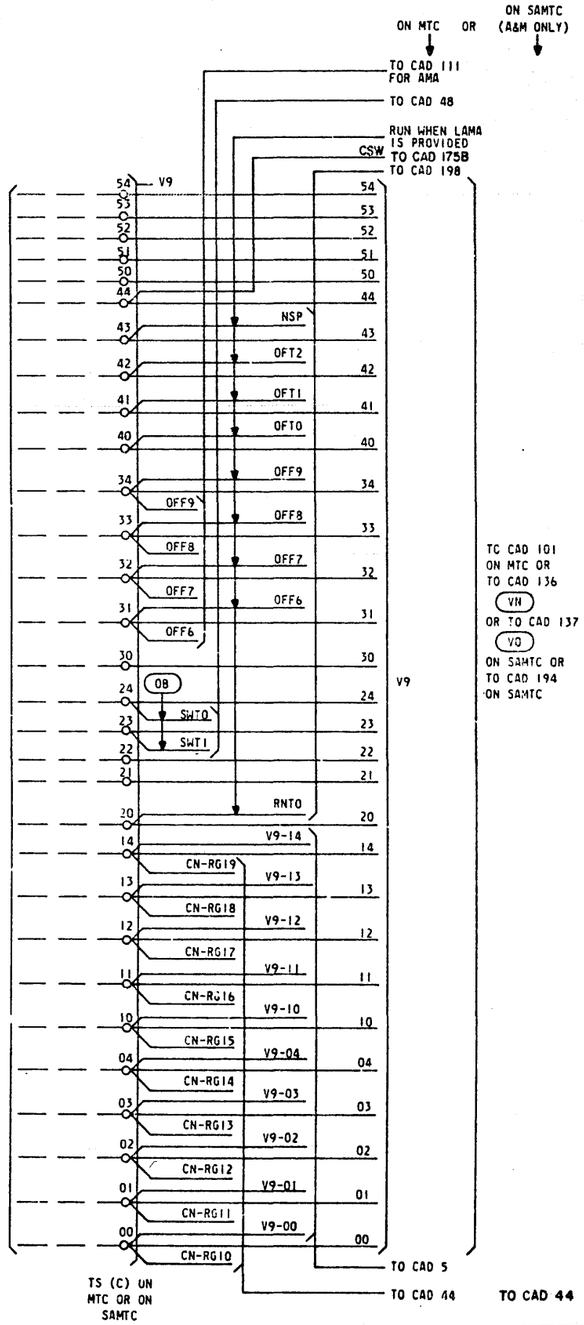
SD-25805-01-G76D

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.

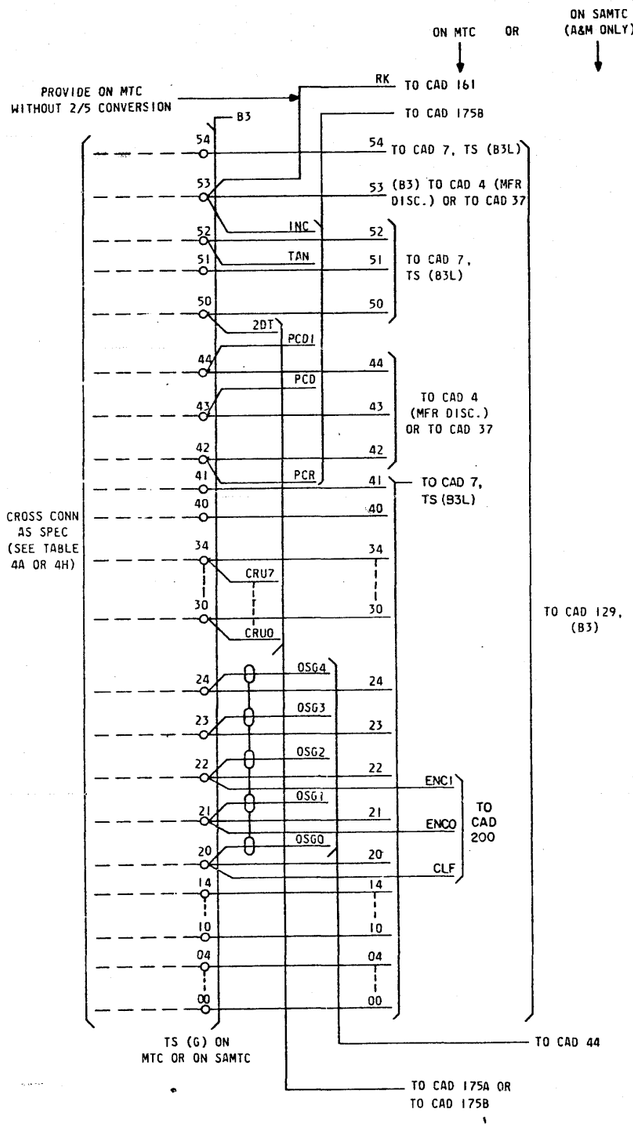
ISSUE 92B

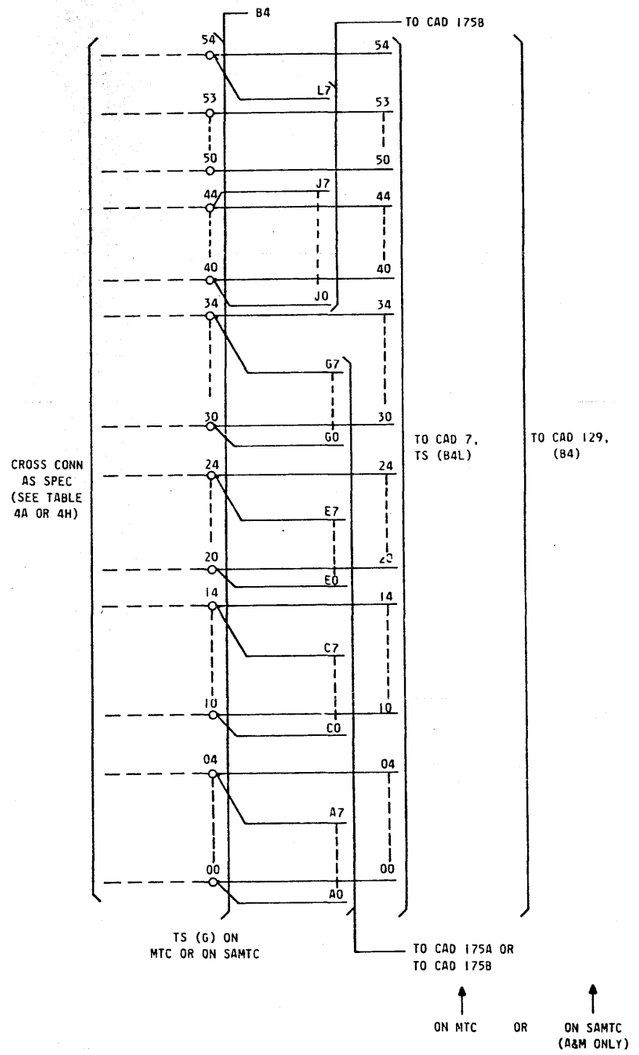
MASTER TEST FRAME CONNECTOR CKT	SD-25805-01-G76E
BELL TELEPHONE LABORATORIES INCORPORATED	6S

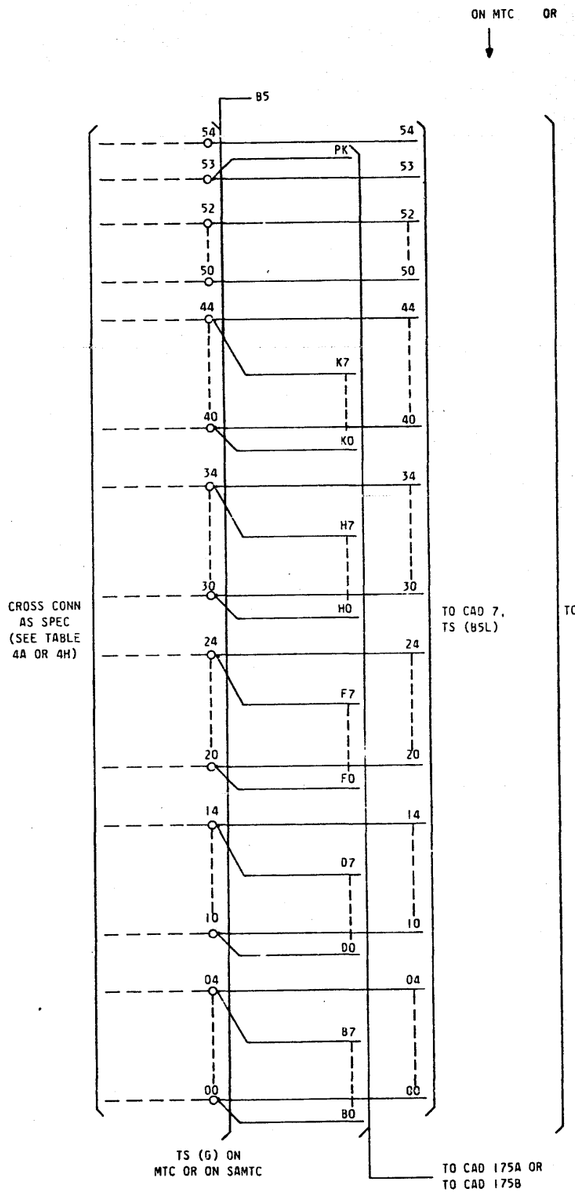
SD-25805-01-G76E

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.

DRAWING ISSUE 75D

ISSUE 96R

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-676F

BELL TELEPHONE LABORATORIES INCORPORATED

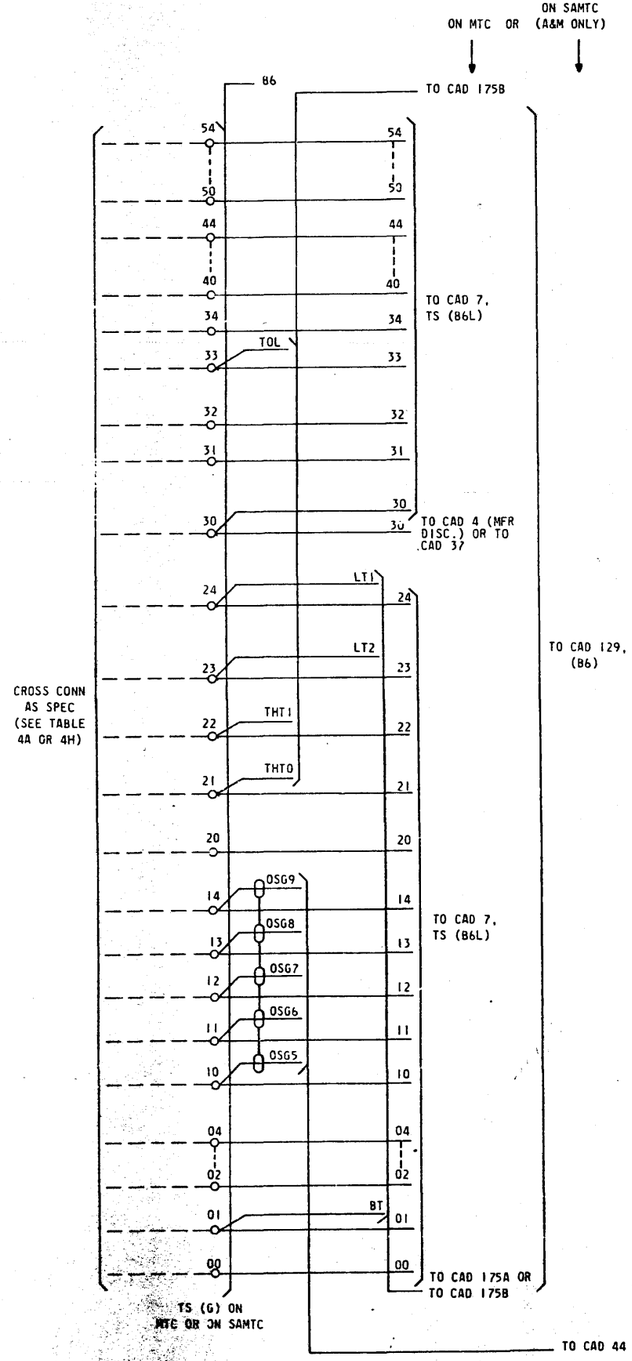
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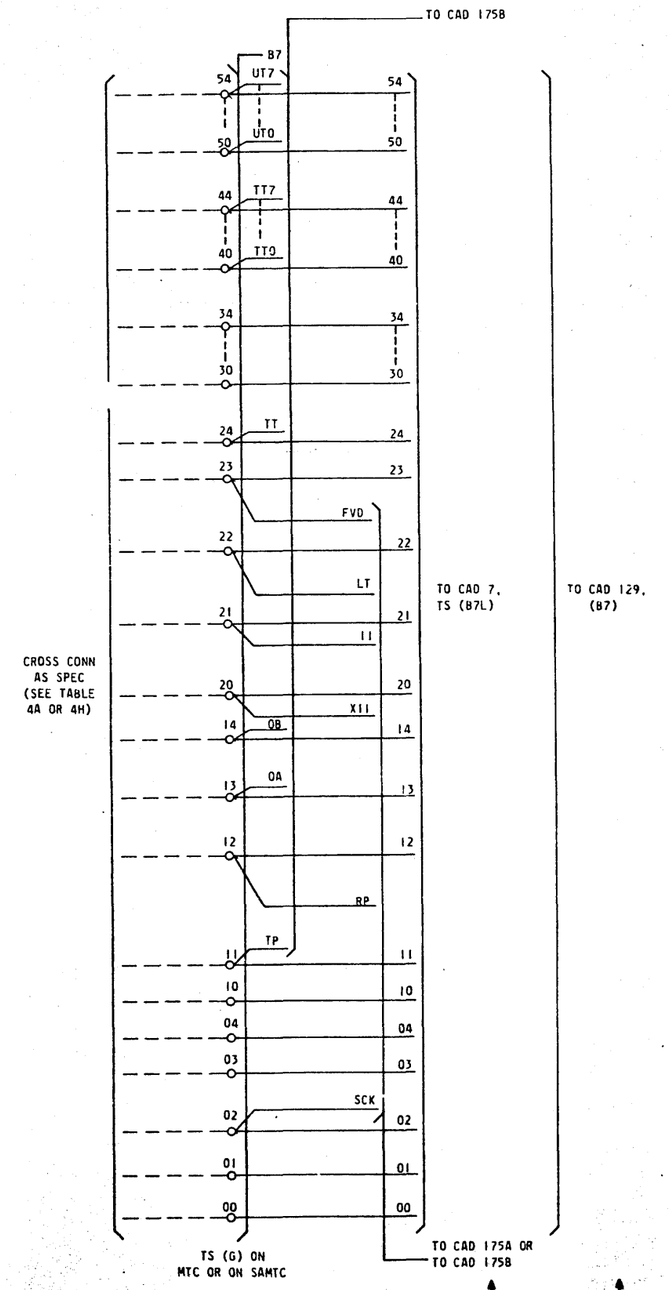
PART OF CAD 109

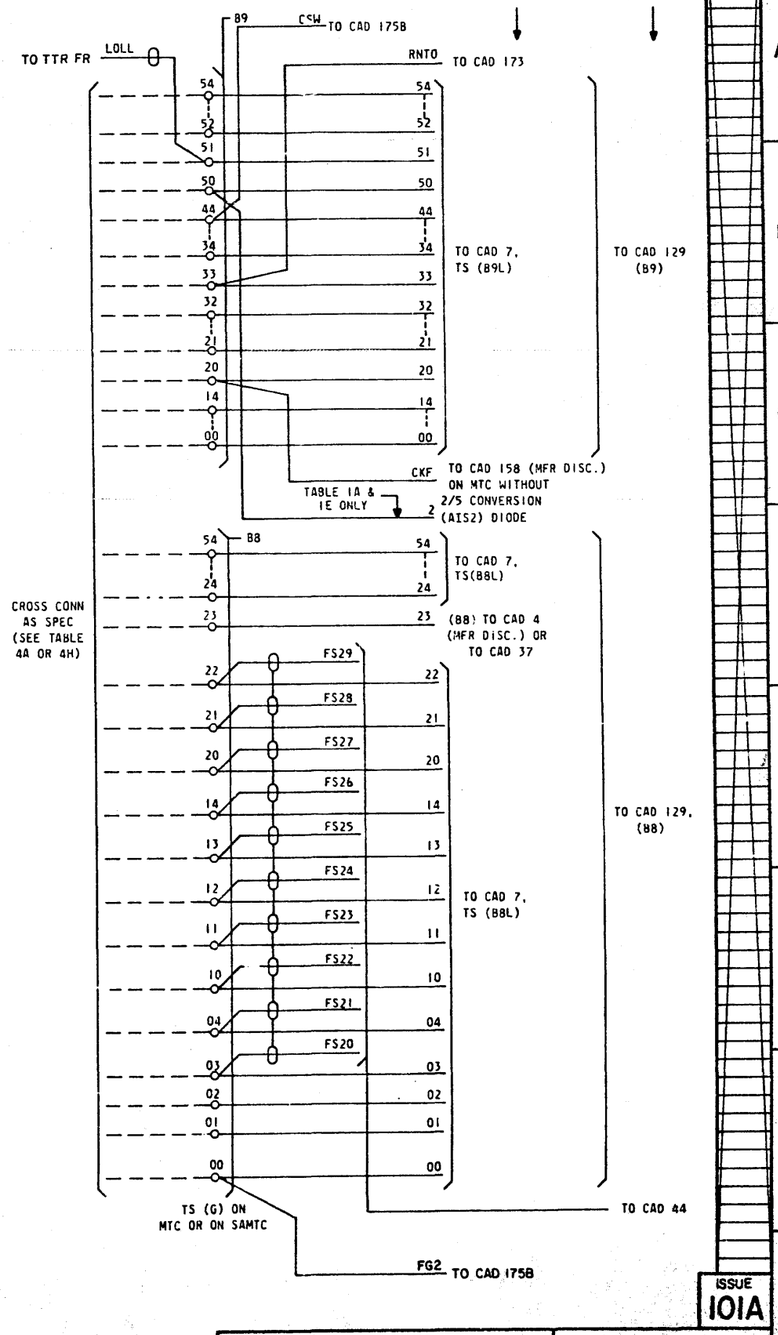
CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC)

DRAWING ISSUE 75D

ISSUE 101A







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-G76G

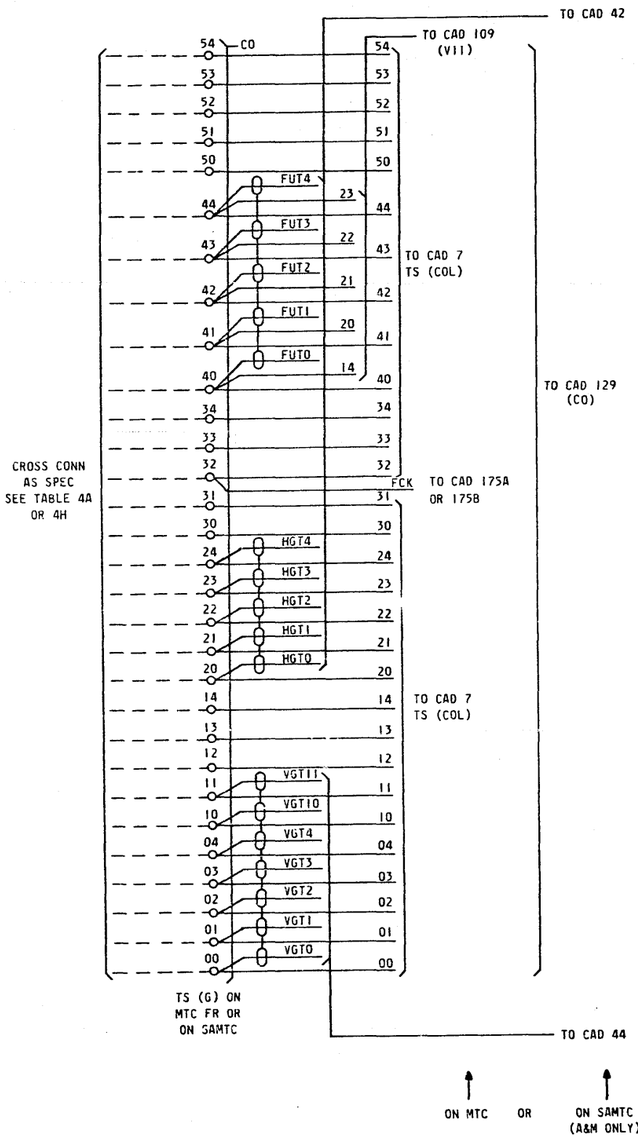
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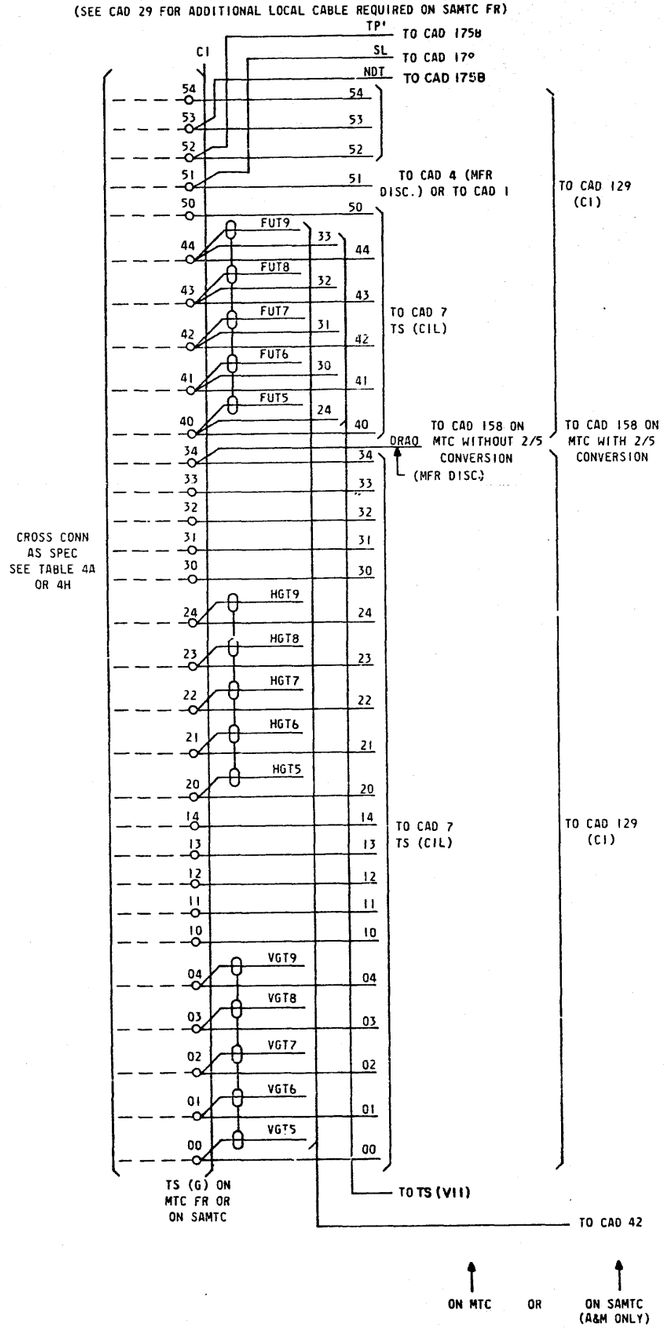
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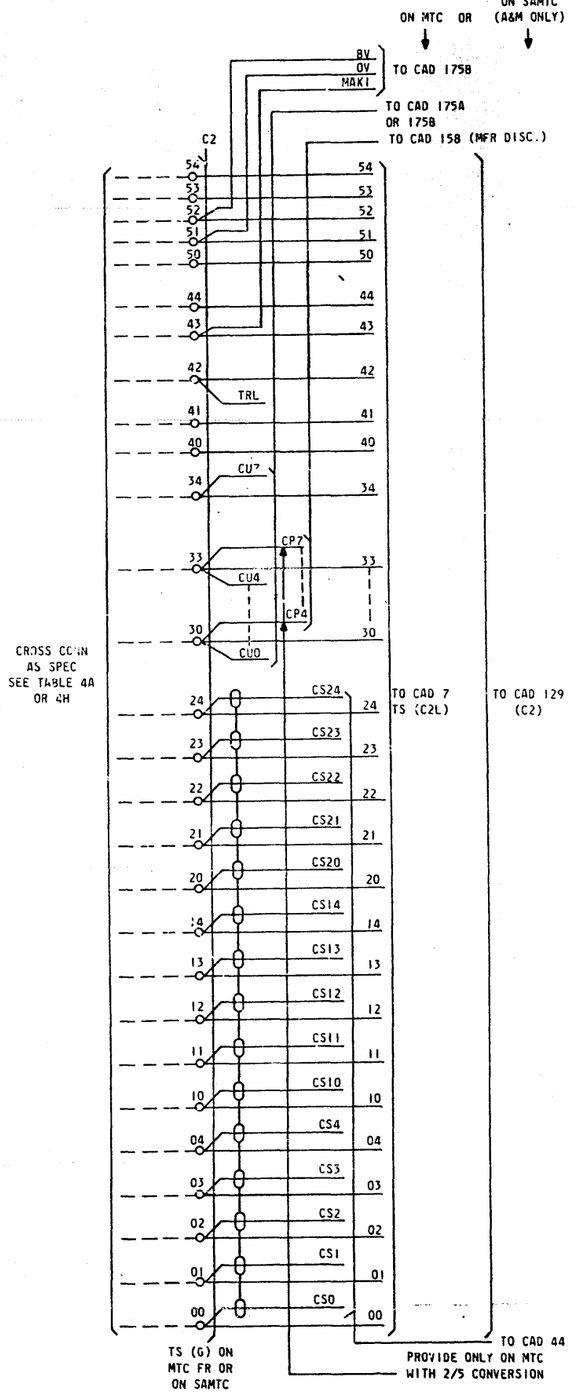
PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC FR)

DRAWING ISSUE 750







ISSUE 96B

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G76H

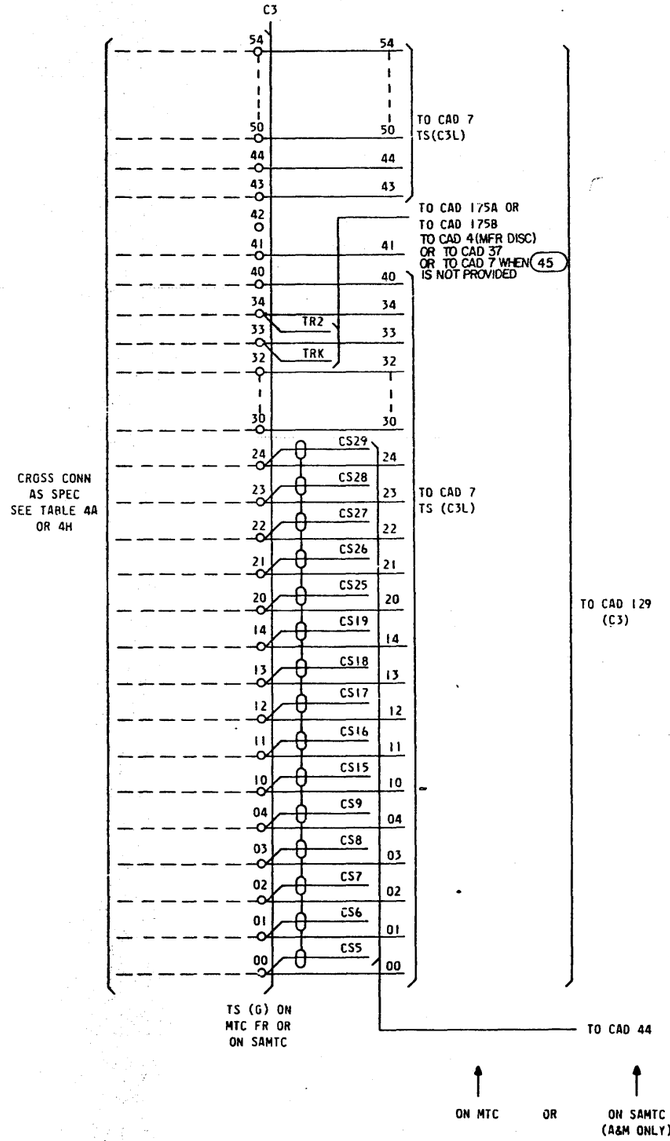
BELL TELEPHONE LABORATORIES INCORPORATED

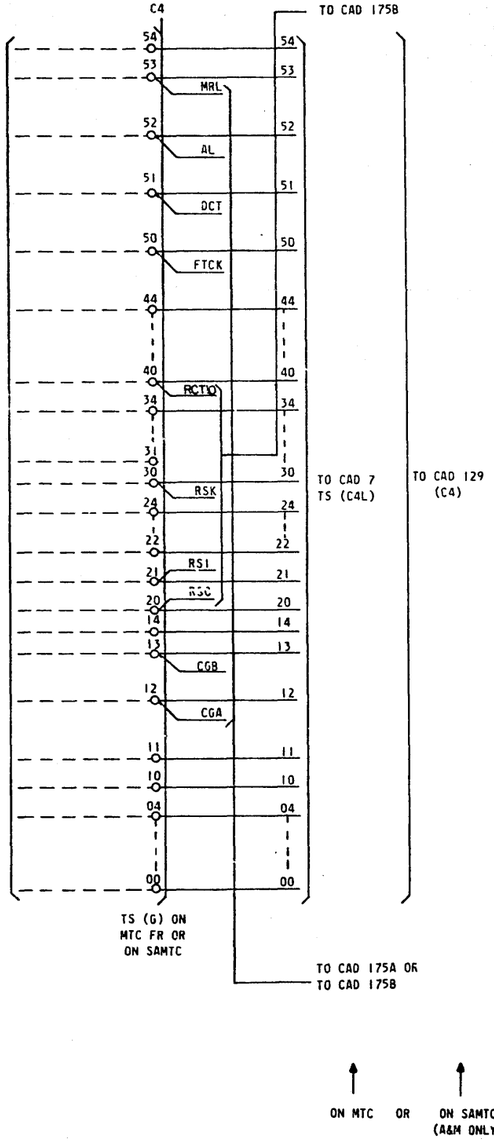
6S

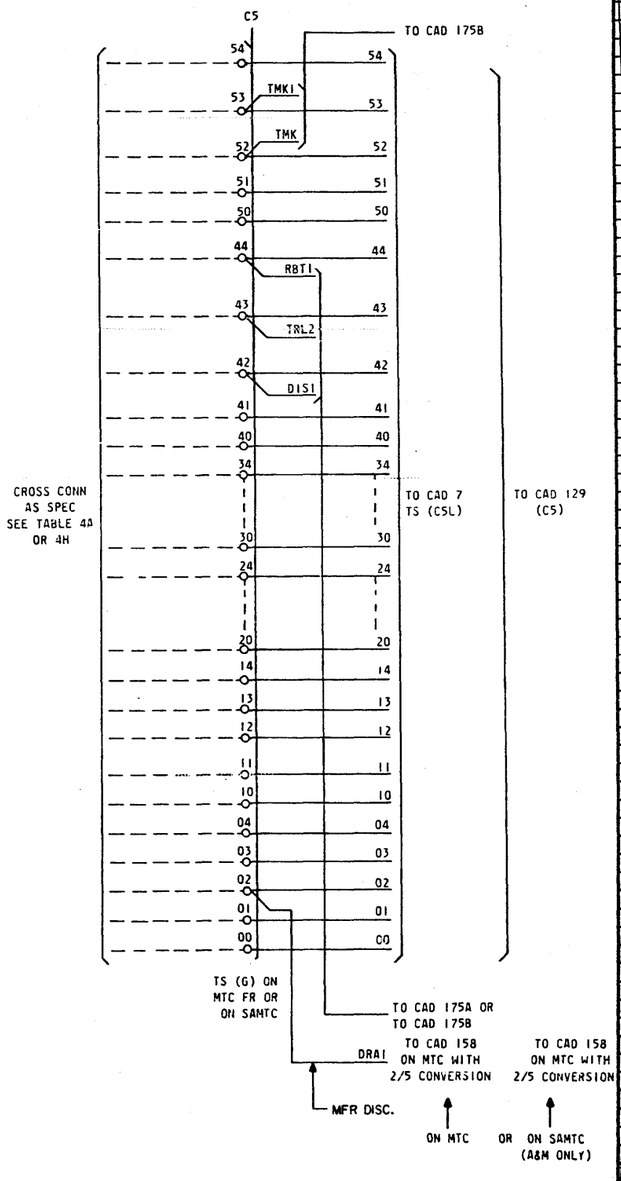
PART OF CAD 109

CROSS CONNECTING TERMINAL STRIPS FOR MARKERS
AND TRANSVERTERS ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC FR)

DRAWING ISSUE 75D







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-G76I

BELL TELEPHONE LABORATORIES INCORPORATED

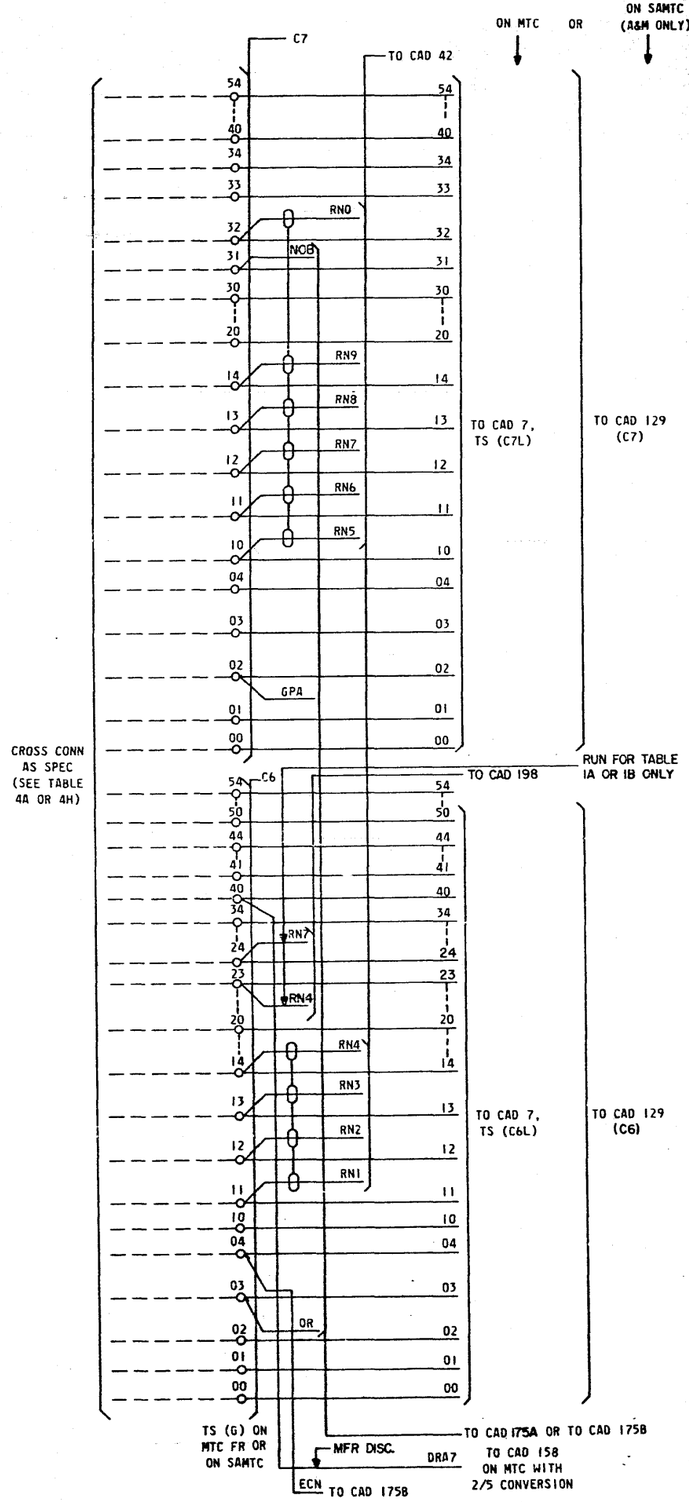
6S

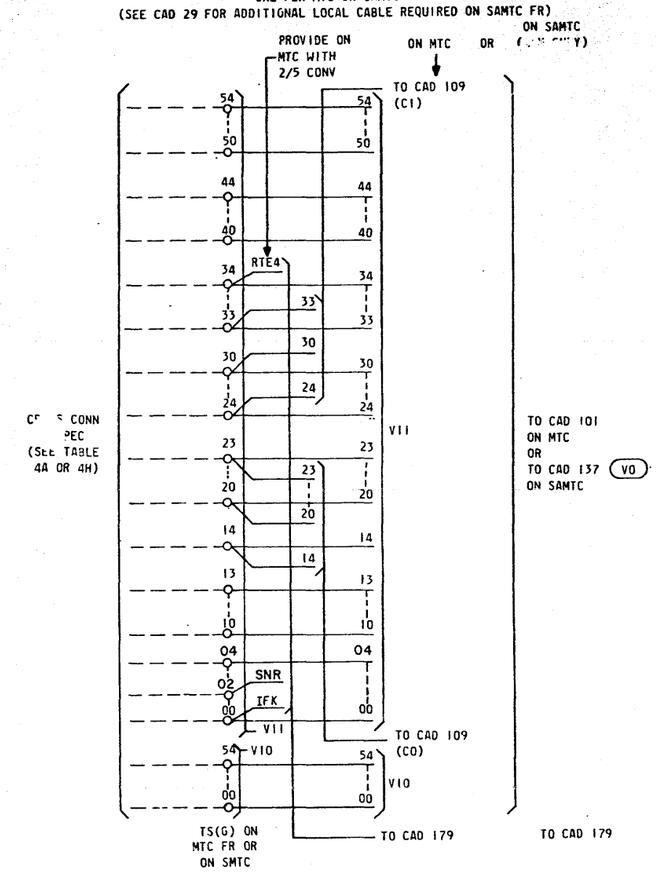
PART OF CAD 109

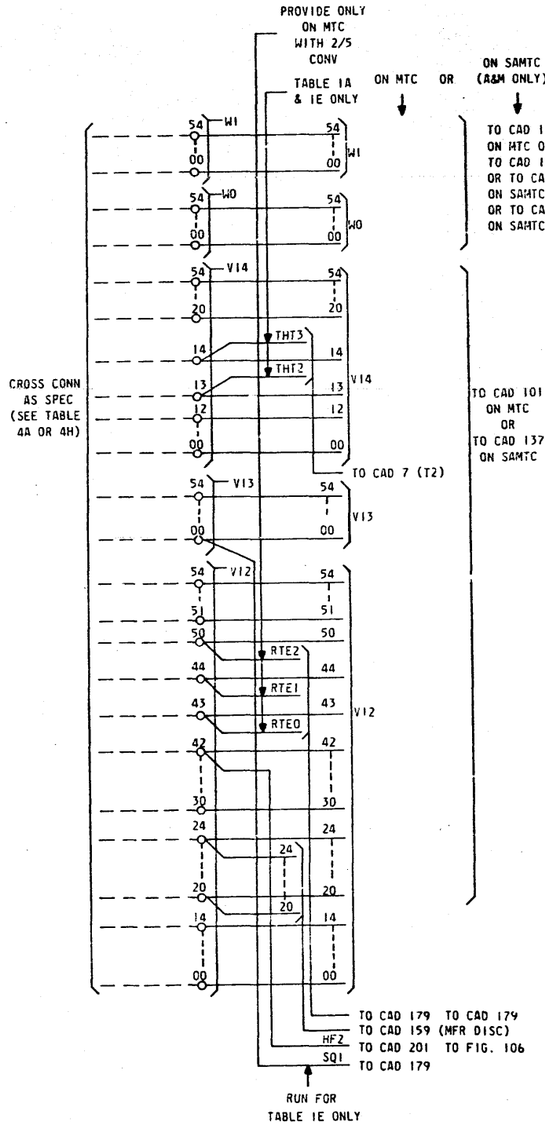
CROSS CONNECTING TERMINAL STRIPS FOR MARKERS & TRANSVERTERS
ONE PER MTC OR SAMTC
(SEE CAD 29 FOR ADDITIONAL LOCAL CABLE REQUIRED ON SAMTC FR)

DRAWING ISSUE 74A 750

ISSUE 96B







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A

MASTER TEST FRAME CONNECTOR CKT (2)

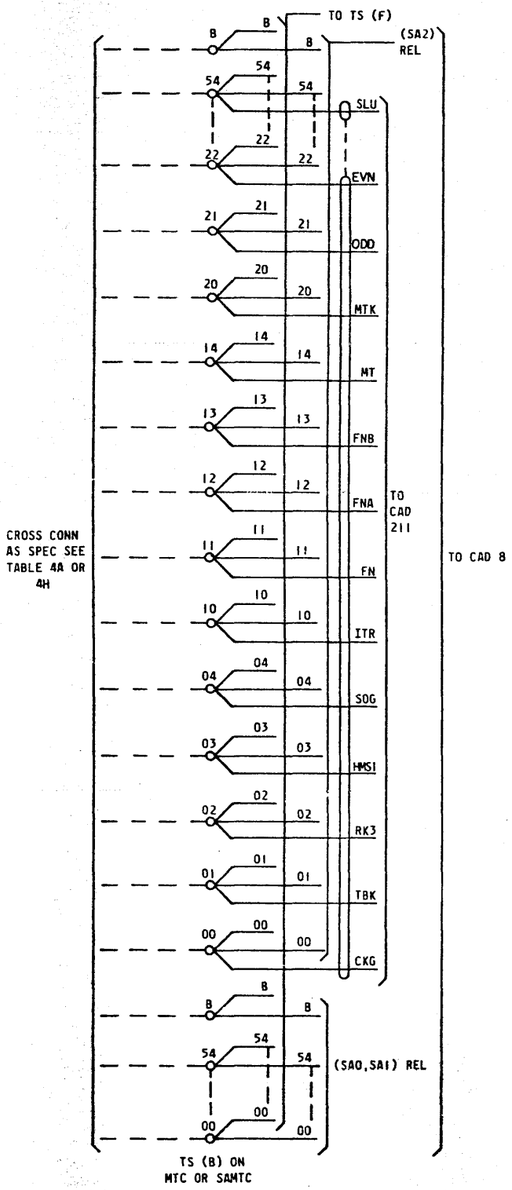
SD-25805-01-G77A

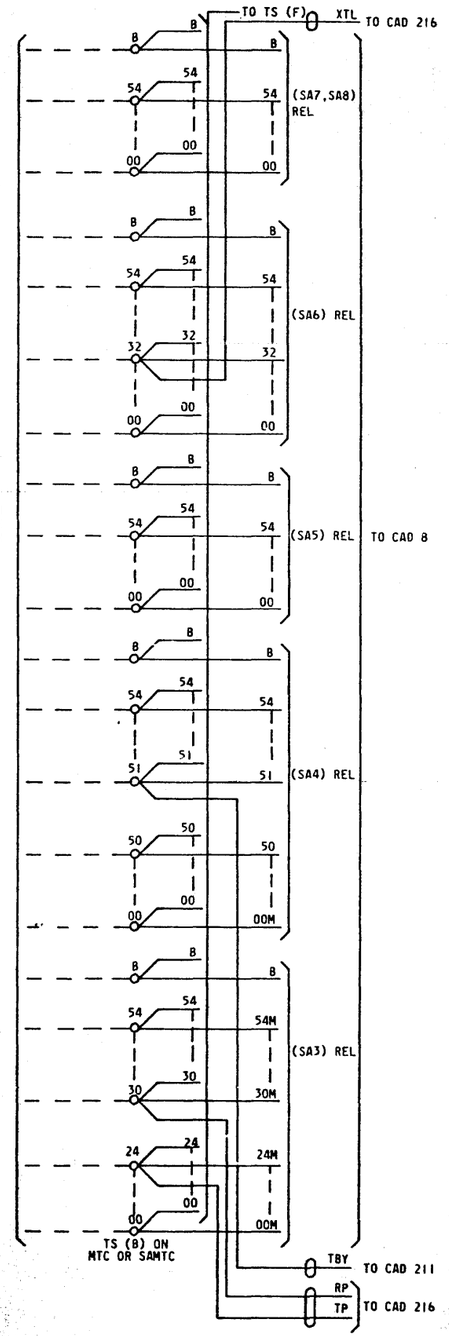
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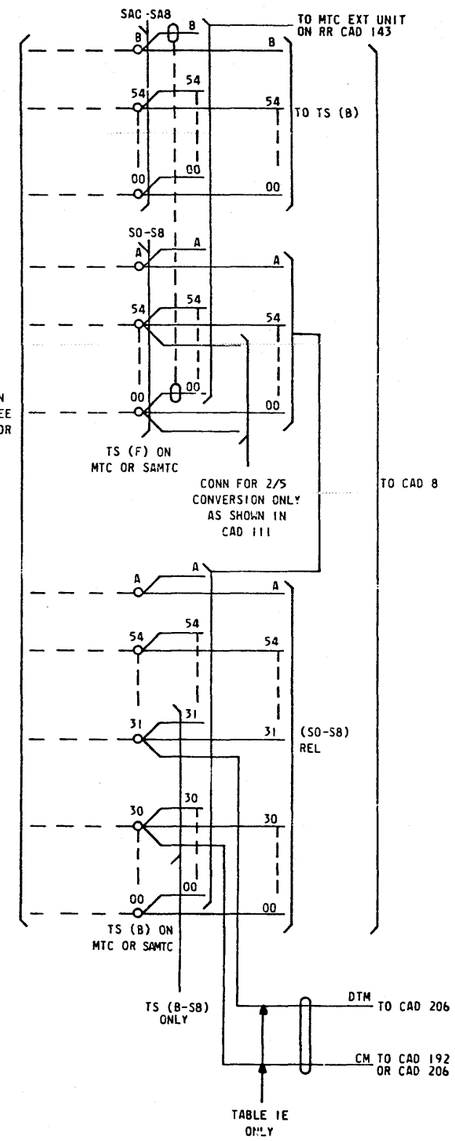
6S

PART OF CAD 110

CROSS CONNECTING TERMINAL STRIPS FOR SCANNING RELAYS ONE PER MTC OR SAMTC







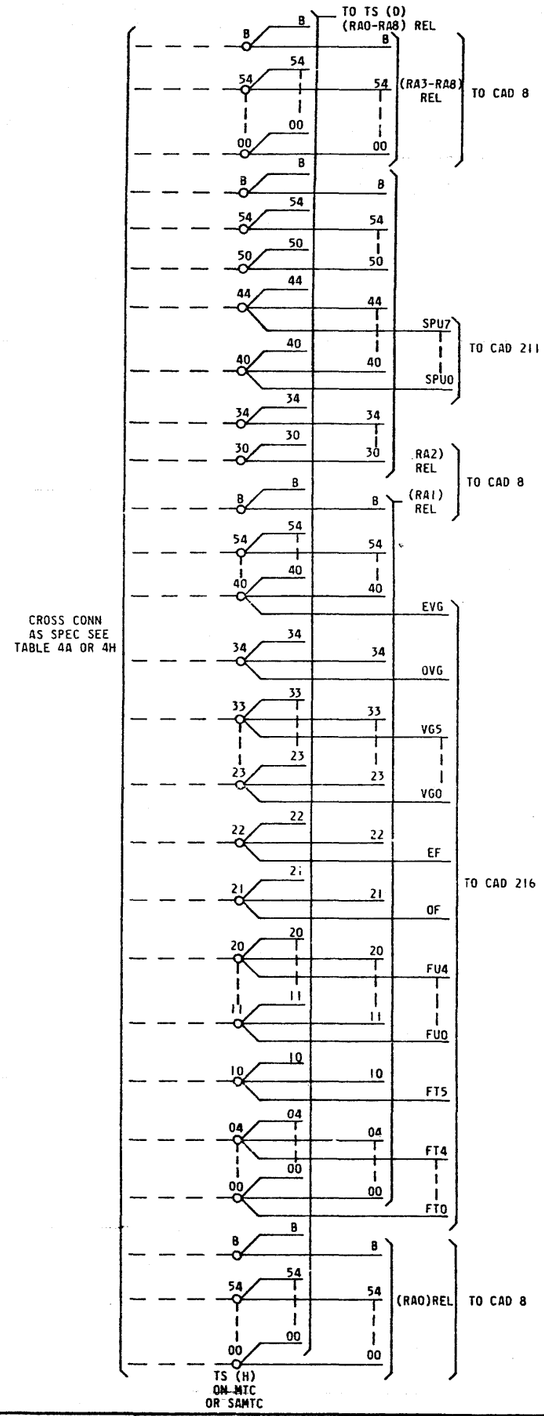
NOTES:

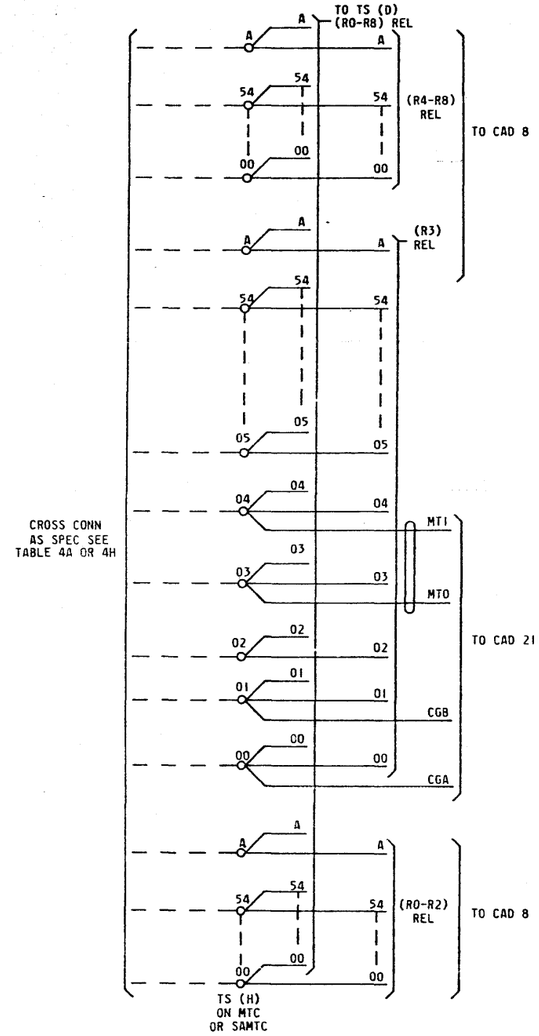
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

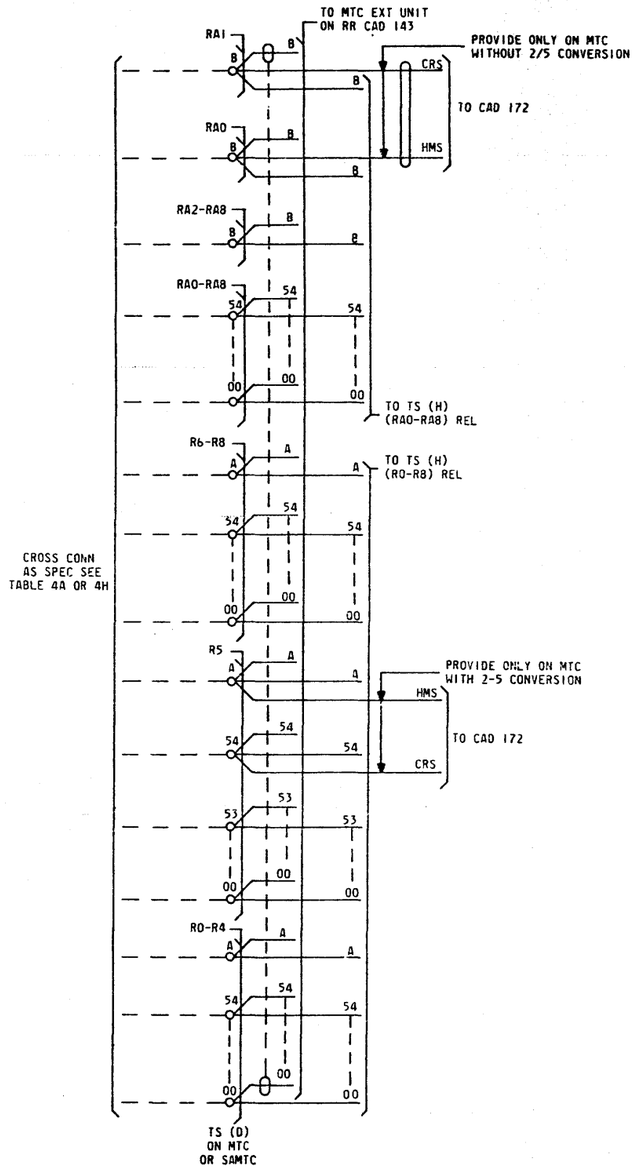
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	9778

PART OF CAD 110

CROSS CONNECTING TERMINAL STRIPS FOR SCANNING RELAYS ONE PER MTC OR SAMTC







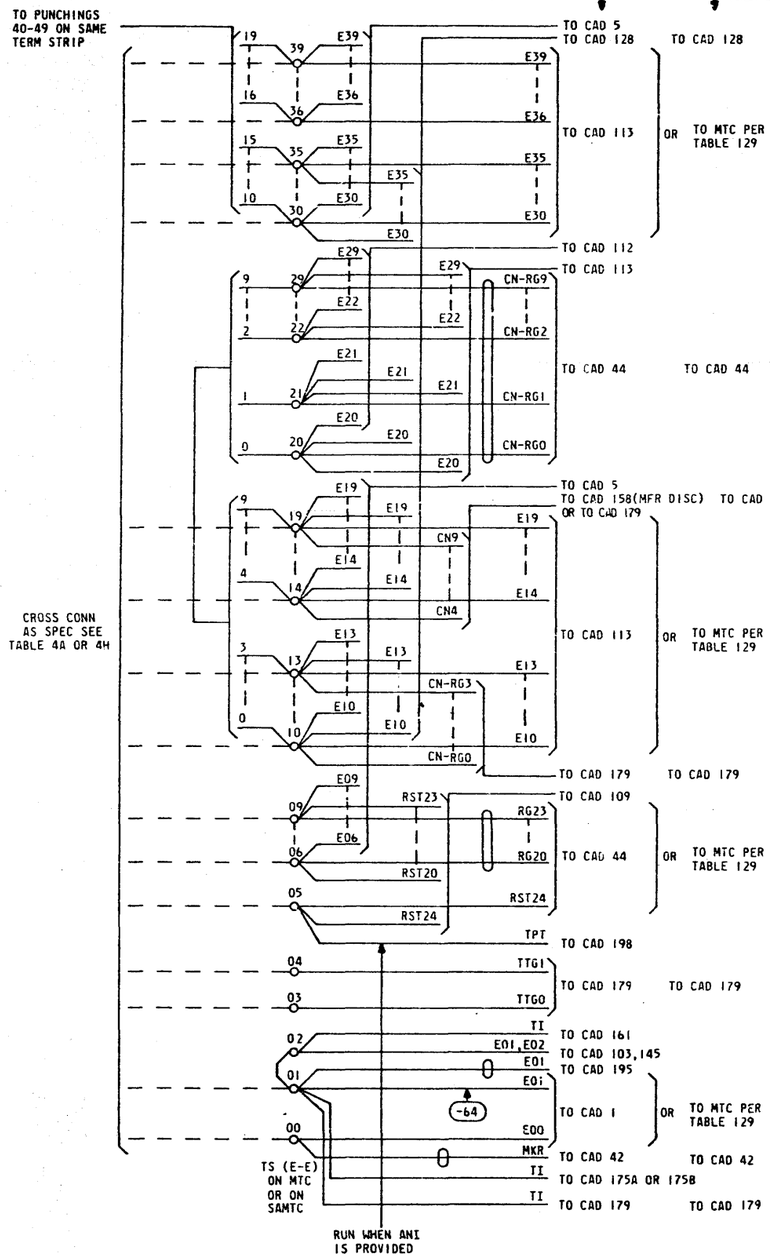
NOTES:

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-		G77C

PART OF CAD 111

OTHER CROSS CONNECTION TERMINAL STRIPS
(ALSO SEE CAD 109 & 110)
(SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)



NOTES:

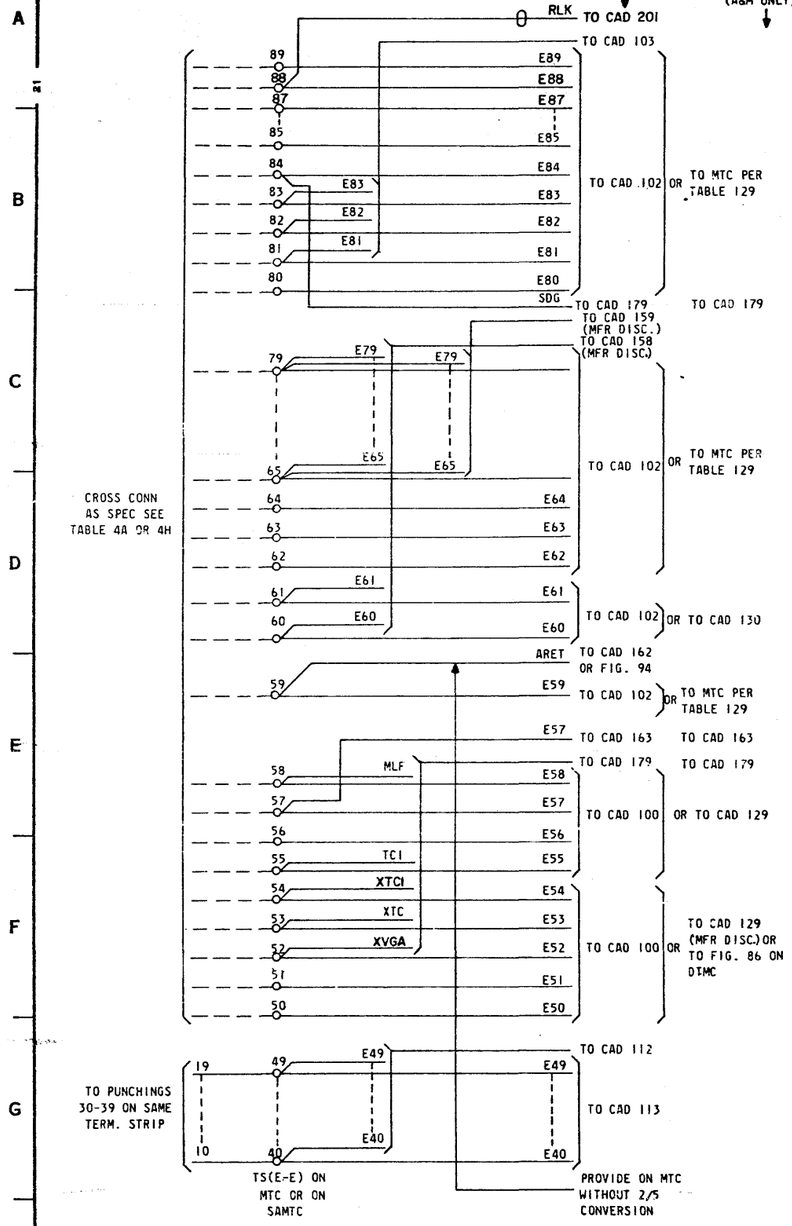
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE G1A.

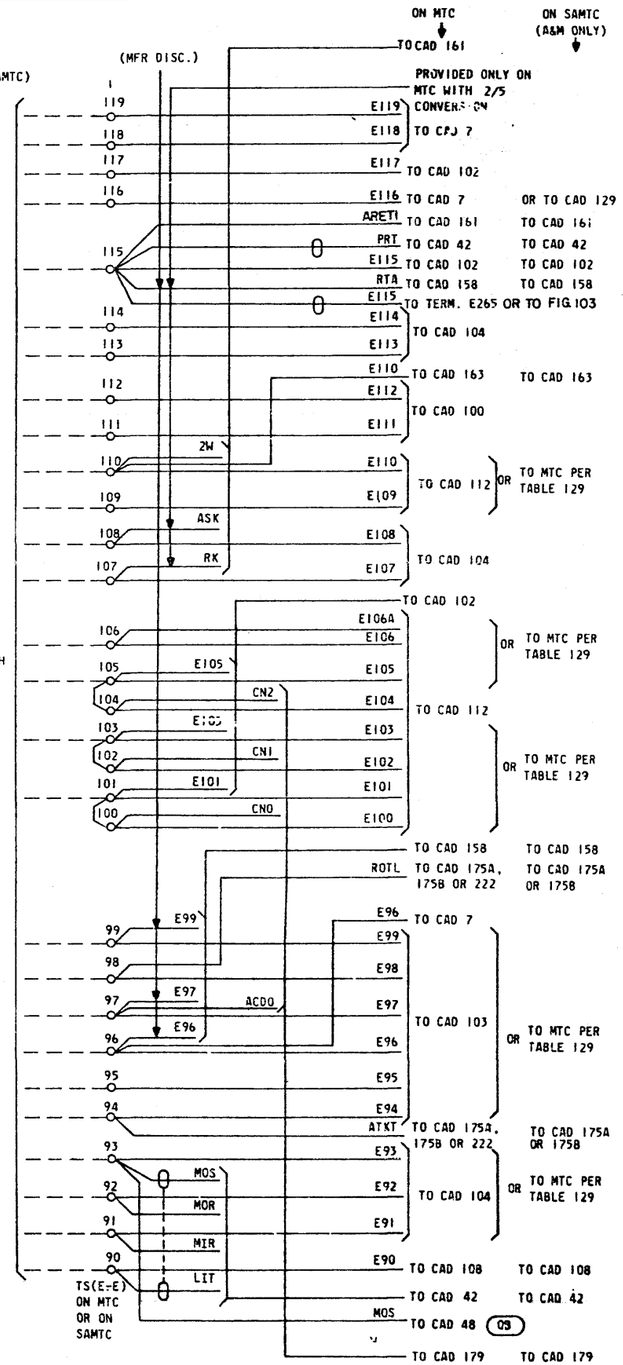
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 98B
BELL LABORATORIES	SD-25805-01-	G78A

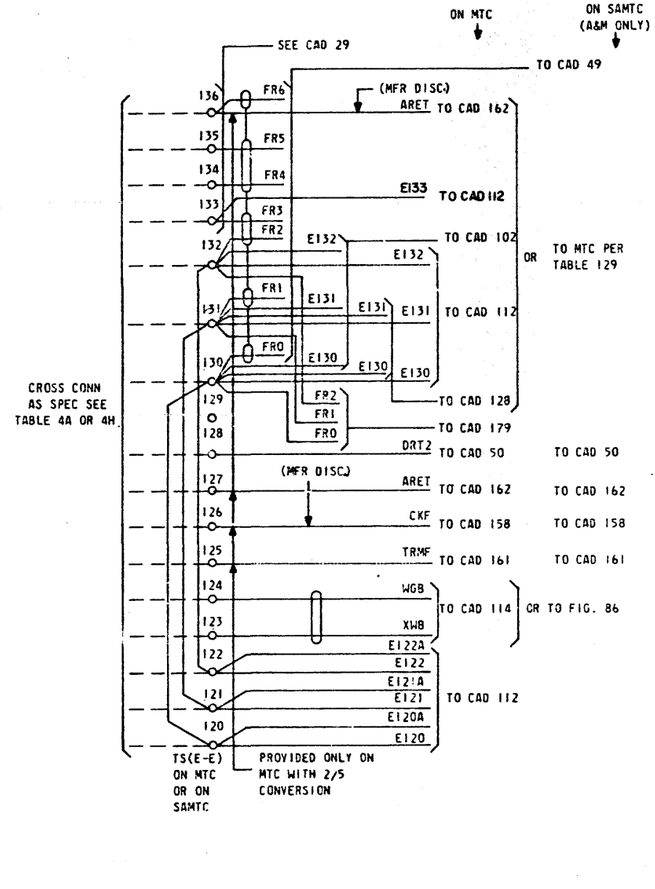
SD-25805-01-G78A

PART OF CAD 111

OTHER CROSS CONNECTION TERMINAL STRIPS
(ALSO SEE CAD 109 & 110)
(SEE CAD 29 FOR ADDITIONAL LEADS REQD ON SAMTC)







SD-25805-01-G78B

ISSUE 99A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G78B

BELL TELEPHONE LABORATORIES INCORPORATED 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 46 (MFR DISC.)
SWAT TO CAD 103 / TO CAD 103

171 E171
170 E170 ACDO
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 — TO CAD 112 OR TO MTC PER TABLE 129
143
142
141
140 E140
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
222 E222 E222
221 E221 E221
220 E220
219 E219 E219
218 E218 E218
217 E217 E217
216 E216 E216
215 E215 E215
214 E214
210 E210
209 E209 E209
208 E208 E208
207 E207
202 E202
201 E201
200 E200 E200

TO CAD 101 OR (VN) TO CAD 126 OR (VO) TO CAD 137 OR TO CAD 194

FG2 — TO CAD 175A / TO CAD 175A
DRC — TO CAD 103
WGA — TO CAD 179 / TO CAD 114 OR TO FIG. 86

TABLE 1A & 1B 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 — OR (VN,VS) TO MTC PER TABLE 129 OR (VO) TO CAD 137 OR TO CAD 194
180 E180 G19 (LV,LX) GO (LU) E180
GO
(LW) TO CAD 148 FOR AIOD WITH ANI
TO CAD 43 — TO CAD 43

179 TCB
178 TCA
177 E177
176 E176
175 E175
174 E174
173 E173
172 E172

TO CAD 158 (MFR DISC.) / TO CAD 158 (MFR DISC.)

TS (E-E) ON MTC OR ON SAMTC

PROVIDE ONLY ON MTC WITH 215 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
306 E306 — TO CAD 101 OR (VO) TO CAD 137 OR TO CAD 194
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
PROVIDE ONLY ON MTC WITHOUT 2/5 CONVERSION
303 E303 STC — TO CAD 50 TO CAD 101 — OR (VO) TO CAD 137 OR TO CAD 194
302 E302 TO CAD 103
E302 TO CAD 101
E302 TO CAD 46 (MFR DISC.)
301 E301 — TO CAD 101 OR (VO) TO CAD 137 OR TO CAD 194
300 E300
E300 TO CAD 112 / TO CAD 112
299 E299
E299 — 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
270 E270
E270 — TO CAD 148 FOR AIOD WITH ANI

269 E269
263 E263
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

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 / ON SAMTC (A8M ONLY)

TO CAD 50 / TO CAD 50
TO CAD 42 / TO CAD 42

DRA29 DRA9 E349 — 349
DRA25 DRA5 E345 — 345
DRA24 DRA4 E344 — 344
DRA4 DRA23 DRA3 E343 — 343
DRA3 DRA22 DRA2 E342 — 342
DRA2 DRA21 DRA1 E341 — 341
DRA1 DRA20 DRA0 E340 — 340
DRA0 FG2

TO CAD 101 OR TO MTC PER (VN) TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

TO CAD 101 OR TO (VN) CAD 136 OR TO (VO) CAD 137 OR TO CAD 194

TO CAD 175A / TO CAD 175A
PROVIDE ON MTC WITHOUT 2/5 CONVERSION

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

339 E339 — TABLE IE ONLY
333 E333
332 E332
331 E331
330 E330
329 E329
328 E328

TO CAD 101 OR TO MTC PER (VN) TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

TO CAD 179

324 TTGO 323 E323 322 321 E320 319 E318 317 E317 310 E310

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-M17). SEE TABLES 4B AND 4P

DRTI DRTO

399 E399 — 398 E398 — 397 E397 — 396 E396 — 395 E395 — 394 E394 — 389 E389 — 387 E387 — 386 E386 — 385 E385 — 384 E384 — 383 E383 — 382 E382 — 381 E381 — 380 E380 — 379 E379 — 378 E378 — 377 E377 — 376 E376 — 375 E375 — 374 E374 — 373 — 372 — 371 — 370 E370

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

TO CAD 101 OR (MFR DISC.) TO CAD 158 TO CAD 161
TO (VN) CAD 136 OR TO (VO) CAD 137 (MFR DISC.) OR TO CAD 194
TO CAD 158 TO CAD 161

ARETI
REC — TO CAD 42 / TO CAD 42

TO CAD 101 OR TO MTC (VN) PER TABLE 129 OR TO (VO) CAD 137 OR TO CAD 194

TO CAD 101 OR (VO) TO CAD 137 OR TO CAD 194

PROVIDE ON MTC WITHOUT 2/5 CONVERSION ONLY
REC — TO CAD 50 / TO CAD 50

TO CAD 104

TO CAD 49
TO CAD 102

369 E369 — 368 E368 — 367 E367 — 366 E366 — 365 E365 — 364 E364 — 362 E362 — 361 E361 — 360 E360 — 359 E359 — 358 E358 — 357 E357 — 356 E356 — 355 E355 — 354 E354 — 352 E352 — 351 E351 — 350 E350

CROSS CONN AS SPEC SEE TABLE 4A OR 4M

TO CAD 104 OR TO MTC PER TABLE 129

TO CAD 50 / TO CAD 50

TO CAD 101 OR (VO) TO CAD 137 OR TO CAD 194

DR5 DR4 DR2 DR1 DR0 DR9 DR8 DR7 DR6 DR5 DR4 DR2 DR1 DR0
DR29 DR28 DR27 DR26 DR25 DR24 DR22 DR21 DR20

TO CAD 179

TS (E-E) ON MTC OR ON SAMTC

TO CAD 42 / TO CAD 42
E351/DRI E351/DRO TO CAD 158 (MFR DISC.) OR TO CAD 179 / TO CAD 179

CROSS CONN DRT (CO-C11) AND DRT (DO-D5) TO DRTO OR DRTI ACCORDING TO TENS DIGIT OF MKR NUMBER (MO-M17). SEE TABLES 4B AND 4P

CROSS CONN DR (CO-C11) AND DR (DO-D5) TO (DRO-DR9) ACCORDING TO UNITS DIGIT OF MKR NUMBER (MO-M17) 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.

DRT — ON MTC / ON SAMTC (A8M ONLY)

DRT(D5) D5 — DRT (D5)
DRT (D4) D4 — DRT (D4) — TO CAD 166 ON 2SMTC
DRT (D3) D3 — DRT (D3)
DRT (D2) D2 — DRT (D2)
DRT (D1) D1 — DRT (D1) — TO CAD 100
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)
DRT (C6) C6 — DRT (C6) — TO CAD 3
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) — TO CAD 3
CM 30 SHOWN ON CAD 110

TS(F-S8) ON MTC

CONNECT ON MTC WITH 2/5 CONVERSION WITHOUT EXP MKR OPR ONLY

TS(F-S8) ON MTC

DR (LIT) LIT — DR — TO CAD 108
DR (D5) D5 — DR (D5)
DR (D4) D4 — DR (D4) — TO CAD 166 ON 2SMTC
DR (D3) D3 — DR (D3)
DR (D2) D2 — DR (D2)
DR (D1) D1 — DR (D1) — TO CAD 100
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

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE: 62D 66D 68D 70D 71D 73D 75D

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G798

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 | ON.SAMTC (A&M ONLY)

RT | LC

59 RT59 — TO CAD 142 — TO CAD 142
58 RT58
57 TSQ7 — TO CAD 179

52 WDTF(1) / WDTF(2) / WDTF
51 WDTI(1) / WDTI(2) / WDTI — TO CAD 46 (MFR DISC.) — TO CAD 46 (MFR DISC.)
50 WAT(1) / WAT(2) / WAT — TO CAD 103 — TO CAD 114
49 RT49 — TO CAD 159 (MFR DISC.)
33 RT33
32 RT32
31 RT31
30 RT30
29 RT29
28 U7 RT28
27 U4 RT27
26 U2 RT26 — TO CAD 158 (MFR DISC.) — TO CAD 158 (MFR DISC.)
25 U1 RT25
24 U0 RT24
23 RT23
22 RT22
21 RT21
20 RT20
RT1 — TO CAD 7,(T2)
RT0
19 RT19 — TO CAD 159 (MFR DISC.)
15 RT15
14 TH7 / HN7
13 TH4 / HN4
12 TH2 / HN2
11 TH1 / HN1
10 TH0 / HN0
09 HN7 / T7
08 HN4 / T4
07 HN2 / T2 — TO CAD 158 (MFR DISC.) — TO CAD 158 (MFR DISC.)
06 HN1 / T1
05 HN0 / T0
04 T7 / U7
03 T4 / U4
02 T2 / U2
01 T1 / U1
00 T0 / U0 — TO CAD 157 (MFR DISC.)

TO CAD 112

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

TS (D) ON MTC FR OR ON SAMTC FR

PROVIDE ONLY ON MTC WITH 2/5 CONVERSION

PROVIDE ONLY ON MTC WITHOUT 2/5 CONVERSION

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

G

65 G65 — TO CAD 179
G65 — TO CAD 100
64 ANC G64
63 G63 — TO CAD 106 OR TO MTC PER TABLE 129
60 RT3 G60
RT0 — TO CAD 104
59 LV9 G59 — TO CAD 42 OR TO MTC PER TABLE 129 OR TO CAD 42
52 LV2 G52
51 G51 — TO CAD 103 OR TO MTC PER TABLE 129
50 — FOR CONNECTIONS TO THIS TERM. SEE CAD 29
49 LC9 G49 — TO CAD 42 WITH 2/5 CONVERSION OR TO CAD 158 (MFR DISC.) — TO CAD 42 WITH 2/5 CONVERSION OR TO MTC PER TABLE 129
40 LC0 G40 — TO CAD 125
39 OFF9 NGCU9 — TO CAD 109, V1 FOR ANI OR V9 FOR AMA — OR TO MTC PER TABLE 129
36 OFF6 NGCU6
35 OFF5 NGCU5 — TO CAD 42 — TO CAD 42
30 OFF0 NGCU0 — TO CAD 109, V1 FOR ANI OR V6 FOR AMA TO CAD 112 — OR TO MTC PER TABLE 129
29 — FOR CONNECTIONS TO THIS TERM. SEE CAD 29
28 TSQ3 G28
27 TSQ2 G27
26 TSQ1 G26 — TO CAD 112 — OR TO CAD 131
25 G26A G25
24 G25A TSQ0 G24 — TO CAD 179
G24
20 G20
19 G19 — TO CAD 124 OR — TO MTC PER TABLE 129
G19
11 G11
G11
10 G10
09 G09
01 G01 — TO CAD 112 OR — TO MTC PER TABLE 129
00 G00 — TO CAD 1 OR — TO MTC PER TABLE 129 OR TO CAD 152

TS (G) ON MTC OR ON SAMTC

TO CAD 112 OR TO TERM. G80-G94 ON MTC WITH 145 CONVERSION ONLY

TO CAD 108

CROSS CONN AS SPEC SEE TABLE 4A OR 4H

G

ON MTC | SAMTC(A&M ONLY)

139 G139 — TO CAD 101 FOR AMA OR TO CAD 176 FOR NON-AMA — OR (VN) TO MTC PER TABLE 129 OR (VO) TO CAD 137 OR TO CAD 194 OR TO CAD 176 FOR NON-AMA
110 G110
109 G109 — TO CAD 101 — OR (VN) TO MTC PER TABLE 129 OR (VO) TO CAD 137 OR TO CAD 194
108 G108
107 G107 — TO CAD 101 — OR (VN) TO CAD 122 OR (VO) TO CAD 137 OR TO CAD 194
106 G106
105 G105 — TO CAD 101 FOR AMA OR TO CAD 140 FOR ANI — OR (VN) TO CAD 122 OR (VO) TO CAD 137 OR (VS) TO CAD 140 OR TO CAD 194
104 G104
101 G101 — TO CAD 101 — OR (VN) TO CAD 122 OR (VO) TO CAD 137 OR TO CAD 194
100 G100
99 G99 — TO CAD 101 FOR AMA OR TO CAD 140 FOR ANI — OR (VN) TO CAD 122 OR (VO) TO CAD 137 OR (VS) TO CAD 140 OR TO CAD 194
98 G98 — TO CAD 101 — OR (VO) TO CAD 137 OR TO CAD 194
97 G97
96 G96 — TO CAD 101 — OR (VO) TO CAD 137 OR (VN) TO CAD 126 OR TO CAD 194
95 G95

TO TERM. G10-G24
94 S14 G94 — TO CAD 43 — TO CAD 43
G24
S10 G90 — TO CAD 101 — OR (VN) TO CAD 122 OR (VO) TO CAD 137 OR TO CAD 194
90 G20
89 S9 G89
G19 — TO CAD 101 FOR AMA OR TO CAD 140 FOR ANI — OR (VN) TO CAD 122 OR (VO) TO CAD 137 OR TO CAD 194 OR (VS) TO CAD 140
S0 G80
30 G10
79 G79 — TO CAD 158 (MFR DISC.) TO CAD 112 (MFR DISC.) — TO CAD 158 (MFR DISC.) TO CAD 112 (MFR DISC.)
G76
78 G76
75 DAC2 G75
74 DAC1 G74 — TO CAD 112 — OR TO CAD 152 OR CAD 129
73 DAC0 G73
RT1
RT0 — TO CAD 7 (T3)
72 G72
71 G71 — TO CAD 100 — OR TO MTC PER TABLE 129
70 G70 — TO CAD 163 — TO CAD 163
G70 — TO CAD 145 — OR TO MTC PER TABLE 129
69 G69
68 G68
LV1
67 G67 — TO CAD 125 — OR TO MTC PER TABLE 129
G67
LV0
66 G66
G66 — TO CAD 42 — TO CAD 42

TS (G) ON MTC OR ON SAMTC

PROVIDE ONLY ON MTC WITHOUT 2/5 CONVERSION

(KA) TO CAD 104 (KA) TO CAD 104

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

DRAWING ISSUE	
62D	NUF
64D	FUF
66D	BEF
70D	
71D	
73D	
75D	

ISSUE 6B

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-G80A

BELL TELEPHONE LABORATORIES INCORPORATED — 6S

SD-25805-01-G80A

CAD 112

SWBD CABLE FROM MTC TO OTHER CONN FRAMES

TO MO GR CONN CKT
NGC9 — G39
NGC0 — G30
NGCT3 — G28
NGCTO — G25

TO ORMC CKT
FR3 — E133
FR2 — E122A
FR1 — E121A
FR0 — E120A
CN3 — E106A
CN2 — E104
CN1 — E102
CN0 — E100

TO CAD 111
RPSA — E147
RPB — E146
RPA8 — E145
RP4 — E144
RP0 — E140

TO TBL RCDR CONN CKT
FR2 — E122
FR1 — E121
FR0 — E120
CN3 — E106
CN2 — E105
CN1 — E103
CN0 — E101

WB REM SW SIG CONT CKT OR WB SUPL REM SW SIG CONT CKT
RS2 — E318
RS1 — E329
RS0 — 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
FR0 — E130
CN19 — E49
CN10 — E40
CN9 — E29
CN0 — E20
2W — E110
4W — E109

TO CAD 111

TO OSC CKT
FR4 — G09
FR0 — G05
CN3 — G04
CN0 — G01

SRT — SRT
SG — SG
CNG — CNG
FRG — FRG

TO CAD 3

TO DIRECT ACCESS PRT CONN CKT(3)
DAC2 — G75
TO DIRECT ACCESS PRT CONN CKT(2)
DAC1 — G74
DAC0 — G73
TO DIRECT ACCESS PRT CONN CKT (1)
DACB — G26A
DACA — G25A

TO CAD 111

TO WB LL BS TL C CKT
TSGB — TSGB
TSGA — TSGA
RSGB — RSGB
RSGA — RSGA

TO CAD 45 (MFR DISC.)

TS3 — G79
TS2 — G78
TS1 — G77
TS0 — G76

TO CAD 111 (MFR DISC.) TS(G)

SG7 — SG7
SG0 — SG0

TO FIG.58, (A0) OR (B5) REL OR TO CAD 6, OR (AB) REL

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 — W8 — 8CN
24 — LLC3
33 — LLC2
23 — LLC1
32 — LLC0
22 — LSK
31 — LLCK

TO CAD 46 (MFR DISC.)

21
30
20
14

NH
04 — TTGI — TO CAD 179
W804
13 — WB04 — W813
03 — WB03 — WB03
12 — WB12 — W812
02 — W802
11 — RWL — W811
01 — W801
10 — W810
00 — W803

TO CAD 46 (MFR DISC.)

PKI — TO CAD 163
W800 — TO CAD 103
W800 — TO CAD 100

TS (C) ON MTC FR OR ON SAMTC

DRAWING ISSUE
620 JK
56D REN
68D
70D
71D
75D

ISSUE 100B

MASTER TEST FRAME CONNECTOR CKT (2)

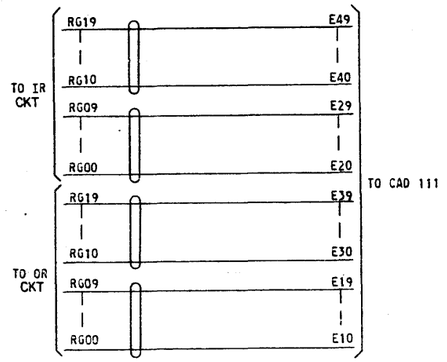
SD-25805-01-G80B

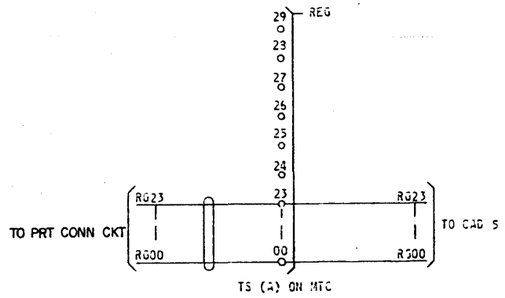
BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-G80B

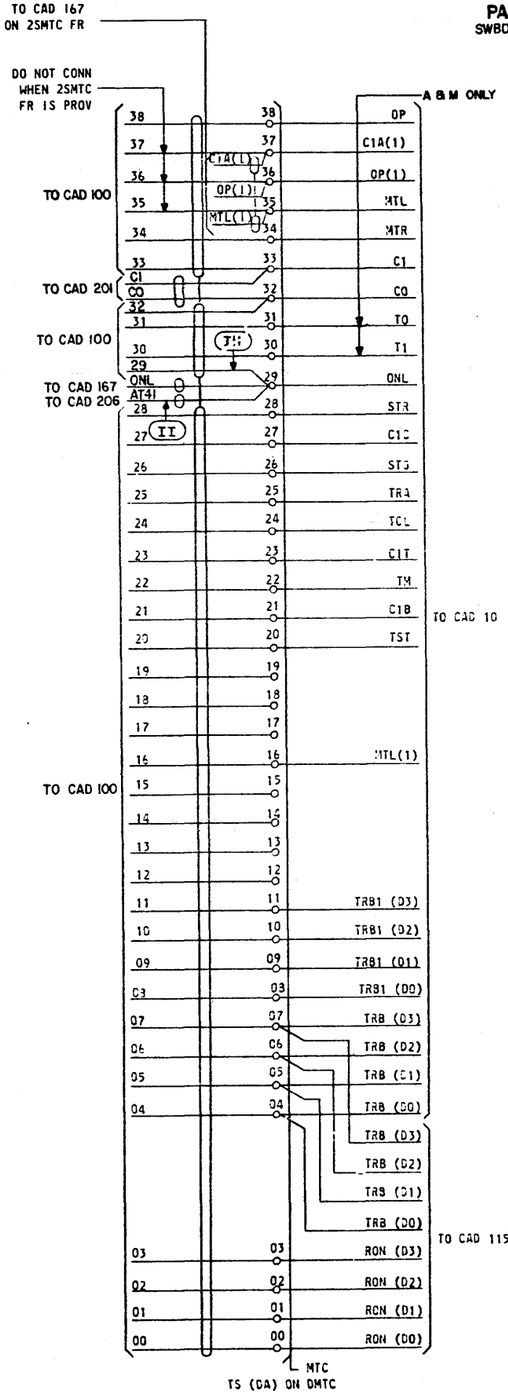
CAD 113
SWBD CA FROM MTC
TO OR & IR



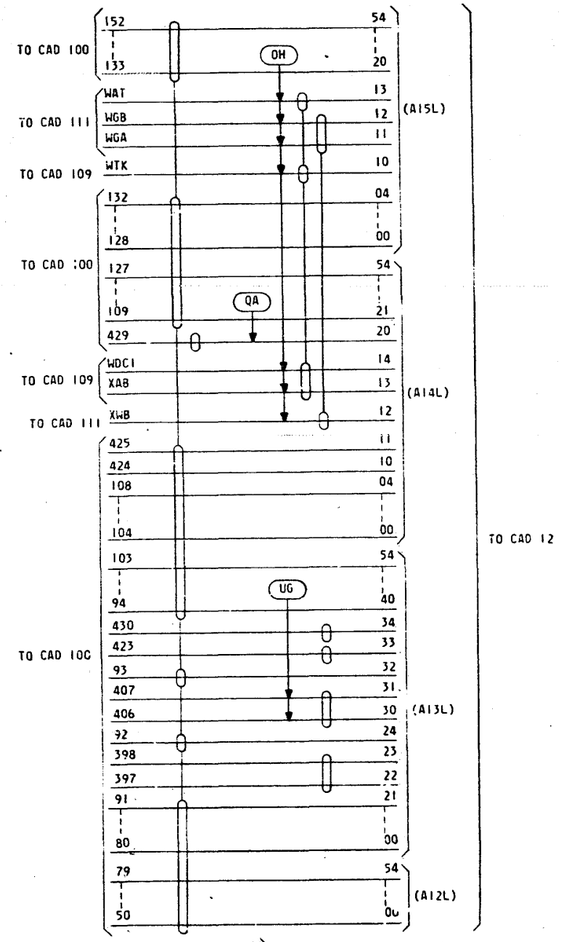


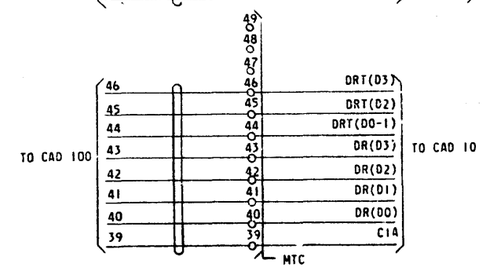
TS (A) ON MTC

PART OF CAD 114
SWBD CA FROM DMTC TO MTC



TS (DA) ON DMTC





TS (DA) ON DMTC

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
45D
48AR
53AR
55D
68D
70D
71D
75D

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G81

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G81

STABILO

PART OF CAD 114

SWBD CA FROM MTC FOR DIAL TONE MARKER TO MTC

DRAWING ISSUE	
43D	GM CIA AMP
45D	JB AM AMP
48D	RLP BELL AMP
53AR	RLP W 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
138 33
426 31
187 30 (A17R)
399 24
186 23
133 20
413 14
TO CAD 100 132 13
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 (A16R)
171 14
CWF 12
CWK 11
157 10
161 04
170 02
154 01
153 00

TO CAD 12

TO CAD 100

349 54
348 52
339 51
338 50
317 44
316 43
315 42
402 41
314 40
294 00 (C10L)

347 54
346 52
293 51
287 40
223 34
422 33
286 32
269 00 (C9R)

263 54
258 34
351 33
257 32
250 20
246 13
343 12
249 11
239 00 (C8R)

238 30
224 01 (C12R)

226 54
213 40
413 34
409 30
421 24
212 22
408 21
211 20
431 14
210 13
207 10 (B11R)

TO CAD 12

396 54
384 32 (T7L)

383 54
374 40
373 33
372 32 (T6L)
428 31
427 30

371 44
370 40
369 14
368 12 (T5L)

367 53
366 52
365 51
364 42
361 34

360 31
359 24 (T4L)

TO CAD 100 358 21
354 12
353 03
352 02

345 54
342 53
341 52
340 51
339 50
420 44
419 43
337 42 (C11L)
333 33
405 32
404 31
403 30
332 24
318 00

TO CAD 12

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

70

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G82

BELL TELEPHONE LABORATORIES INCORPORATED 6S

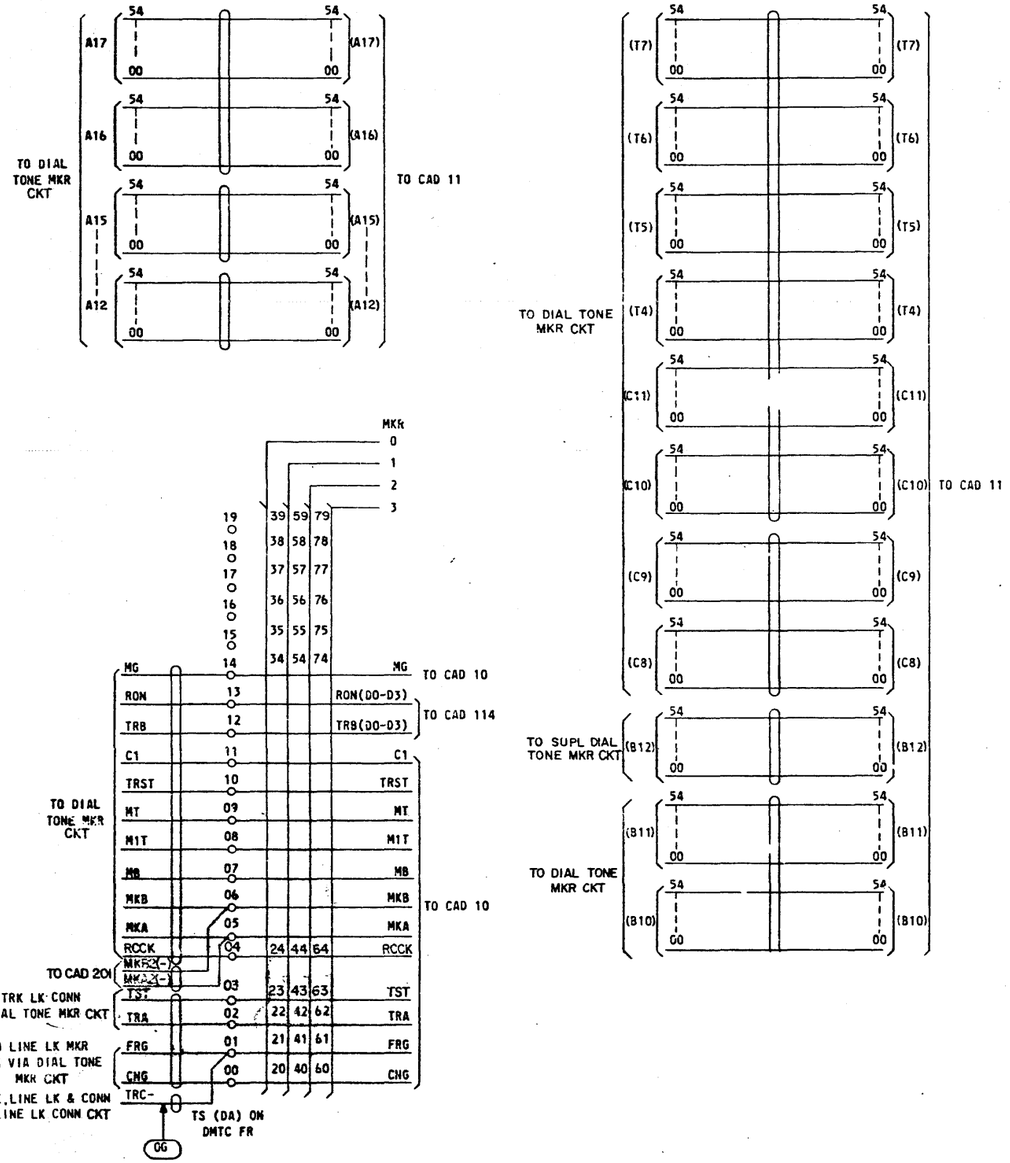
SD-25805-01-G82

STABILO OSWEGO PAPER INC. ASEPROOF ITEM 3 18114

E-74281-(5-82)

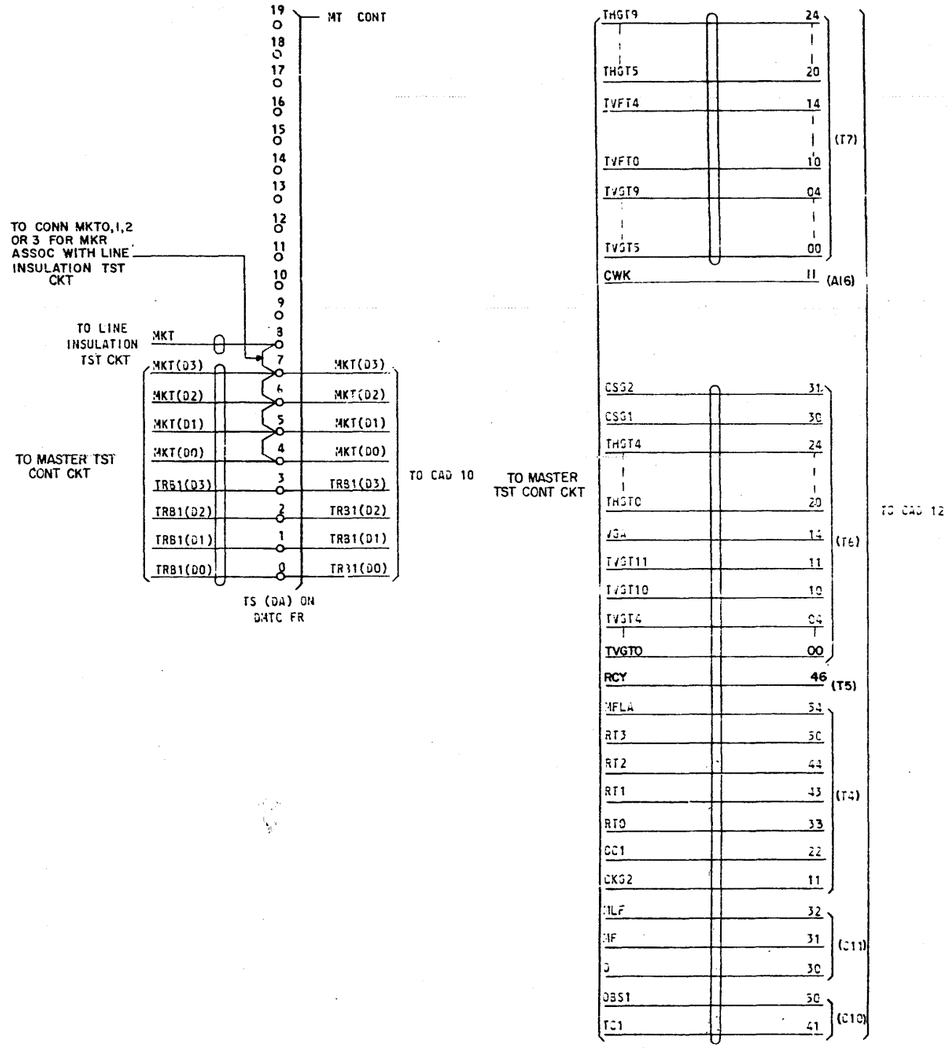
CAD 115

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	
43D	JGS CLW RKW
48D	RLP FEL MJB
60D	DAH PPT AHD
70D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G83

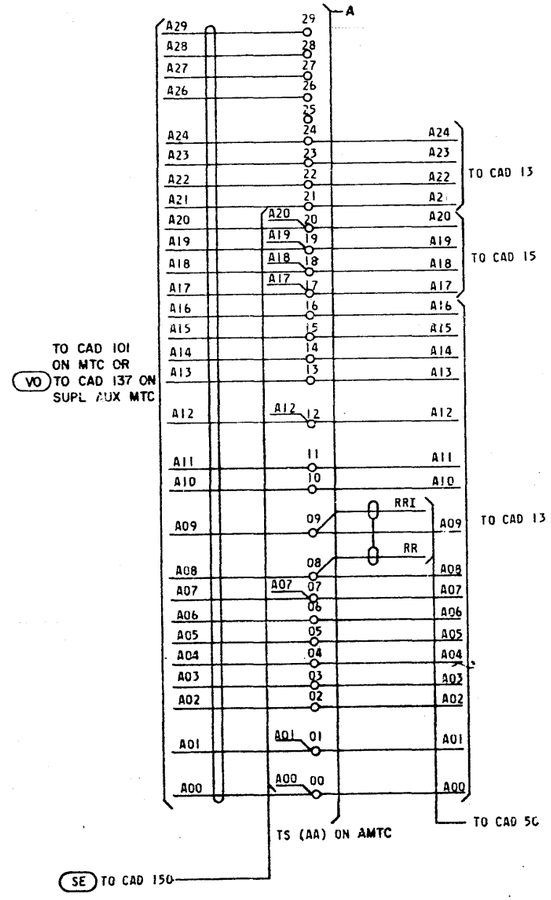
BELL TELEPHONE LABORATORIES INCORPORATED

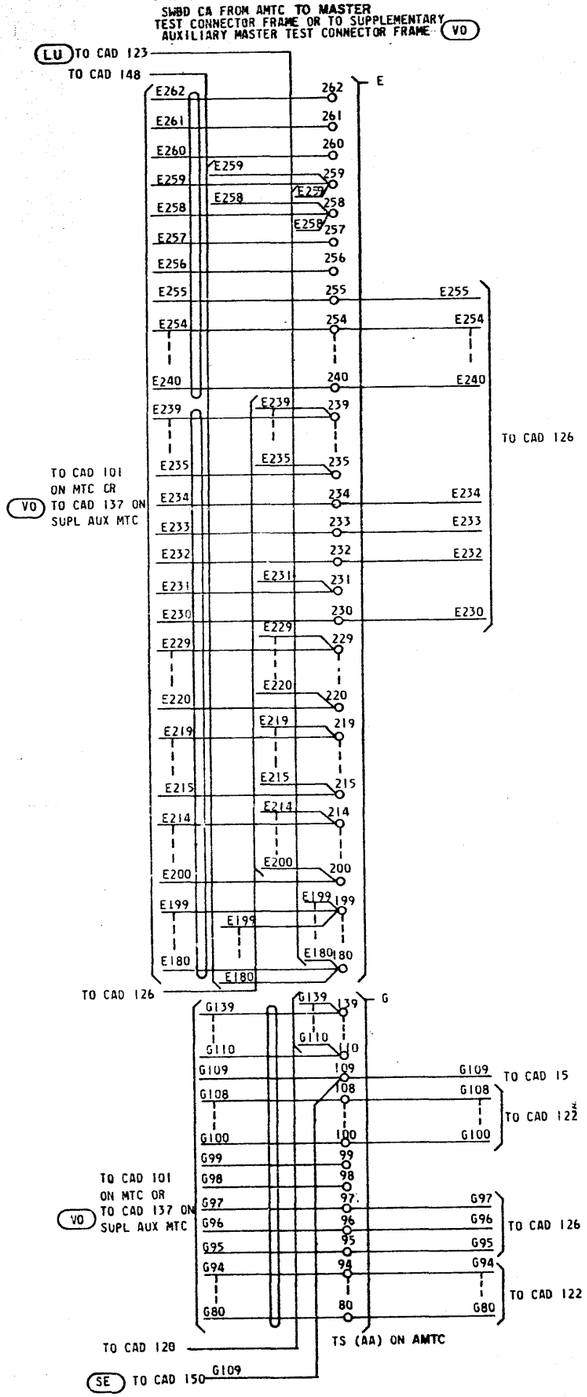
6S

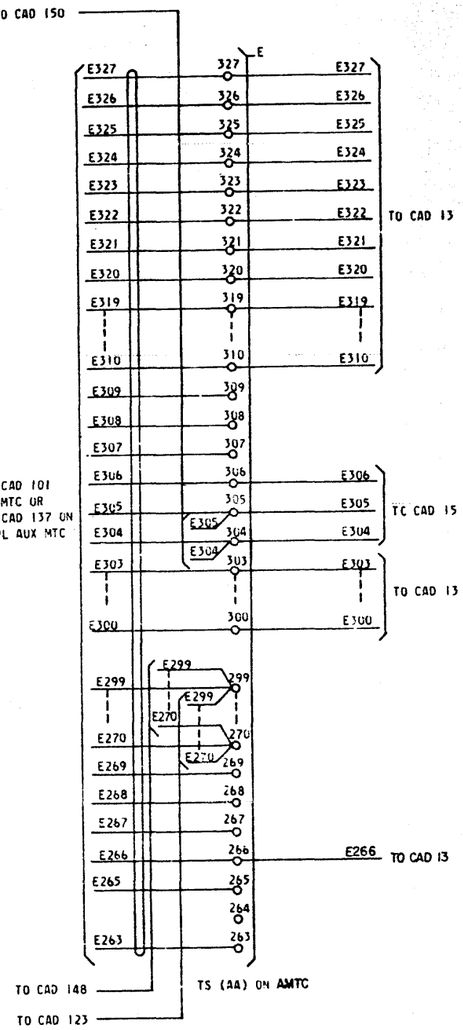
STABILO

PART OF CAD 117

SWBD CA FROM AMTC TO MASTER TEST CONNECTOR FRAME OR TO SUPPLEMENTARY AUXILIARY MASTER TEST CONNECTOR FRAME (VO)







NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-684

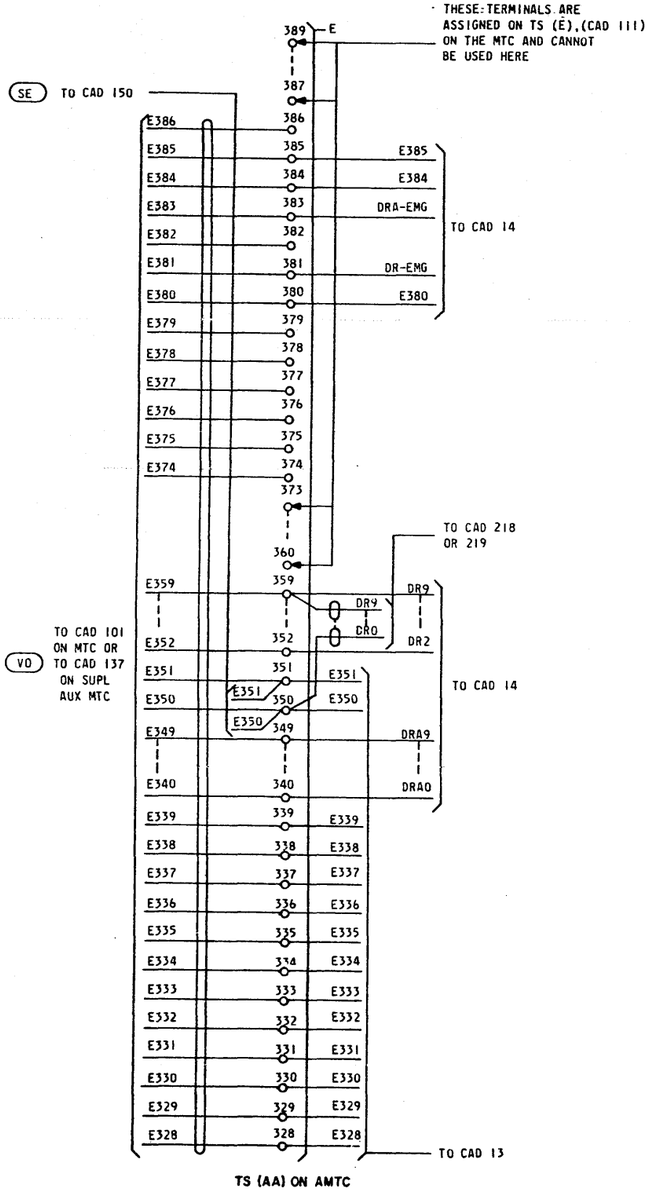
BELL TELEPHONE LABORATORIES INCORPORATED

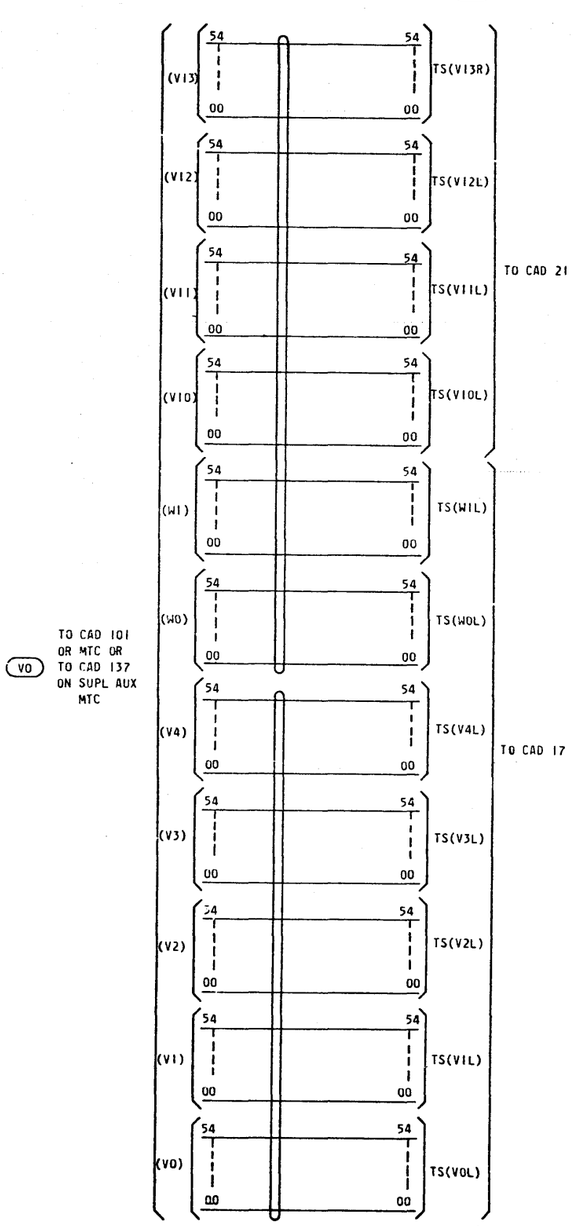
SHEET NO. 65

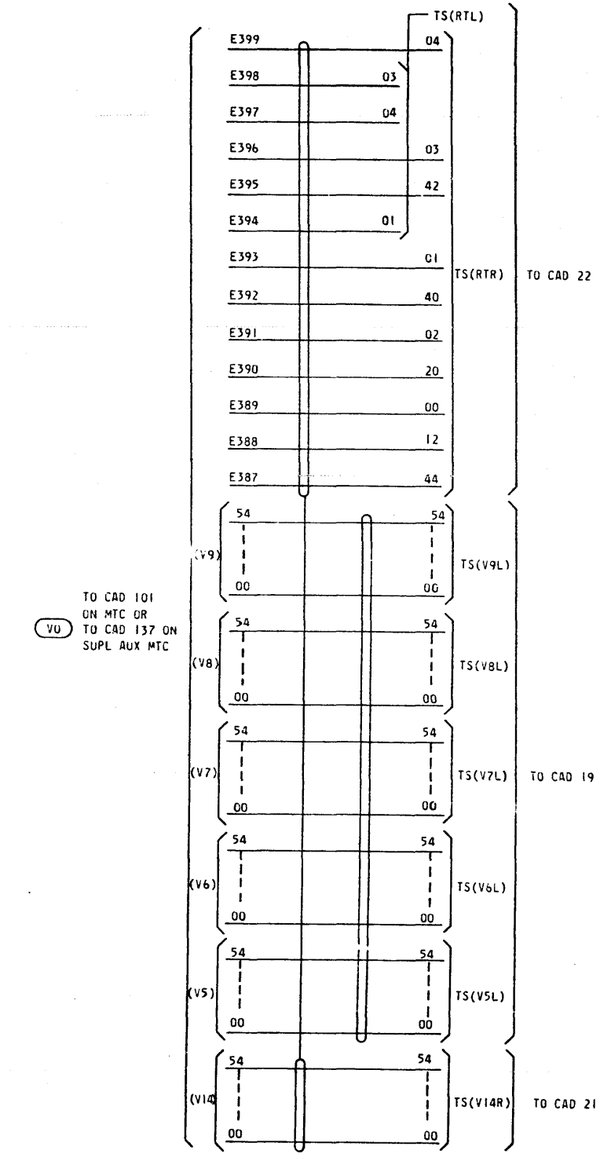
SD-25805-01-684

PART OF CAD 117

SWBD CA FROM AMTC TO MASTER TEST CONNECTOR FRAME OR TO SUPPLEMENTARY AUXILIARY MASTER TEST CONNECTOR FRAME (VO)







NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

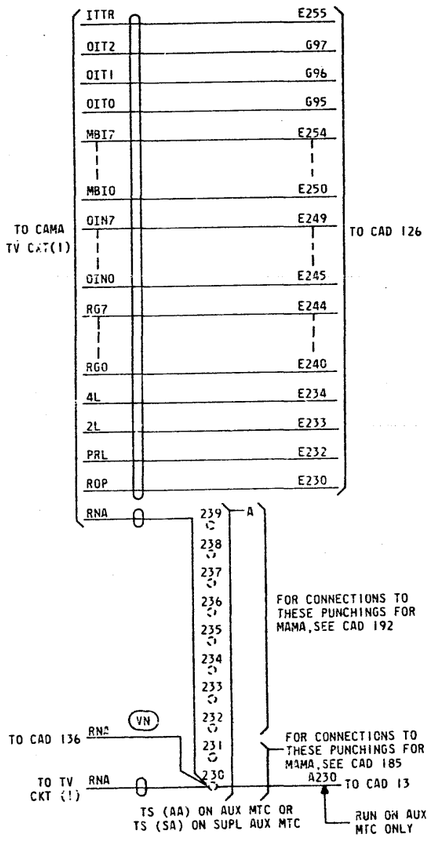
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-685

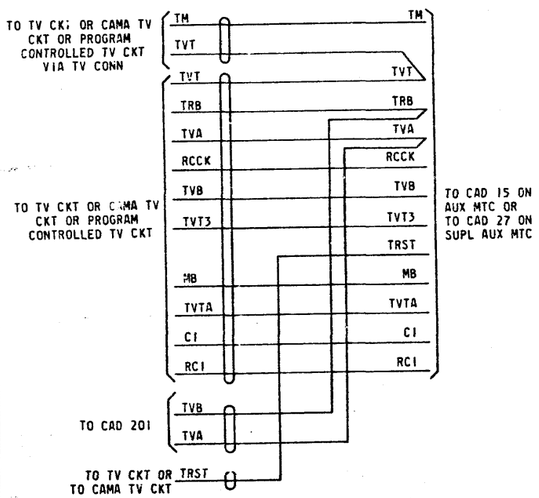
BELL TELEPHONE LABORATORIES INCORPORATED 6S

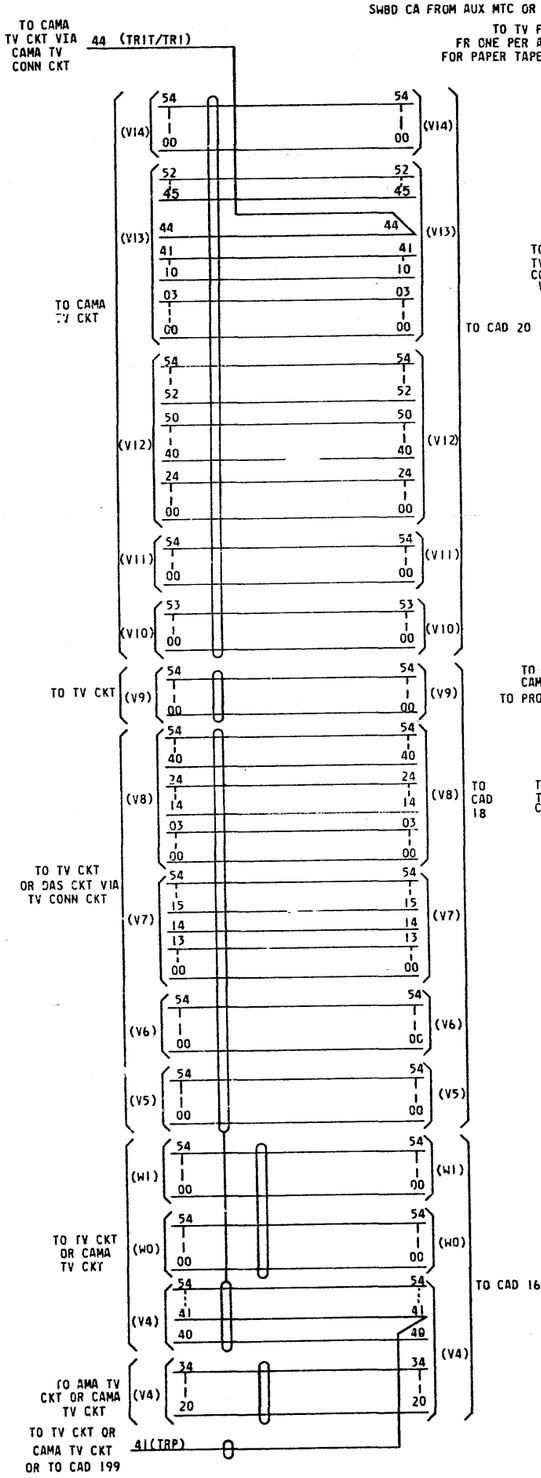
(NX) CAD 118

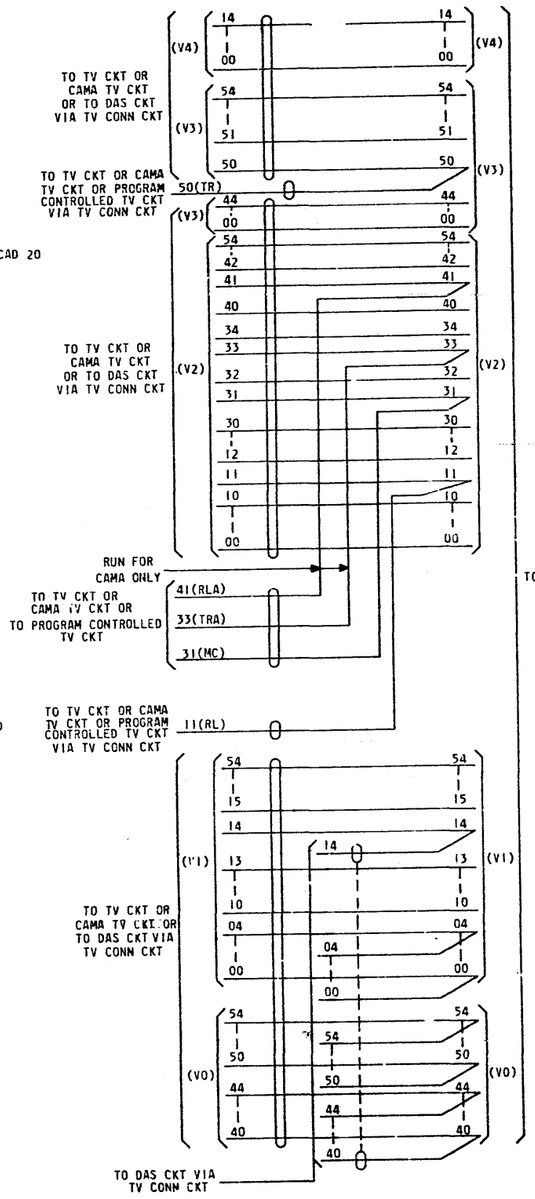
SWBD CA FROM AUX MTC OR SUPL AUX MTC (YN) (A&M ONLY)

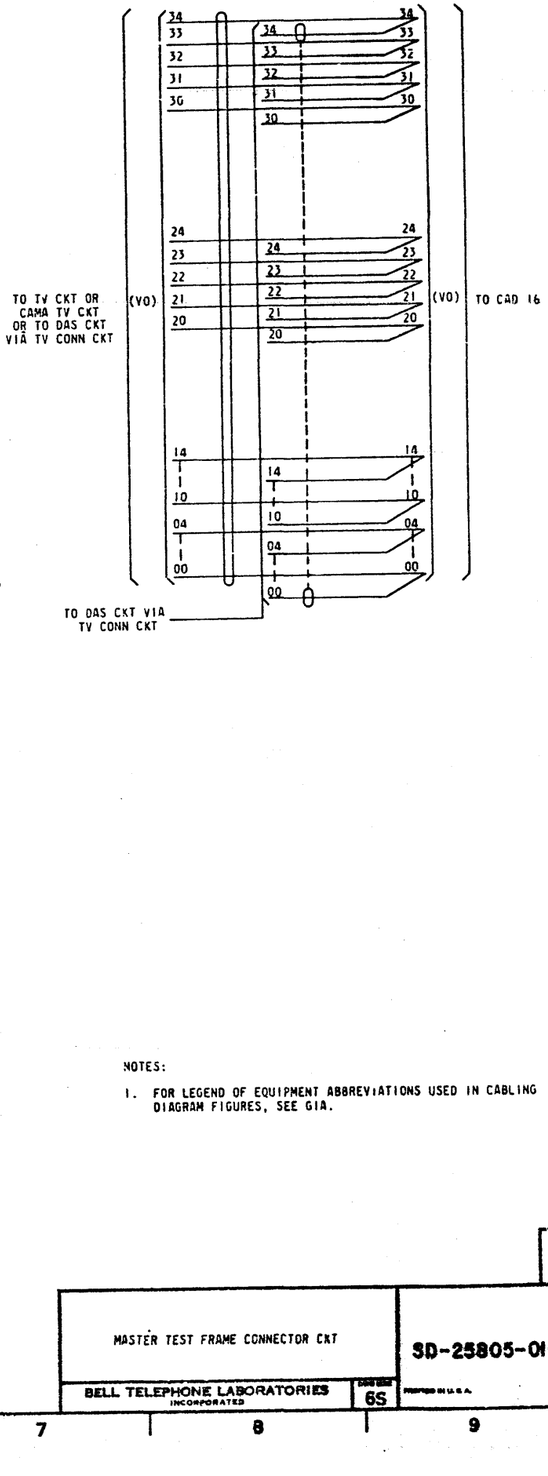
TO TV FR OR CAMA TV FR ONE PER AMA OR CAMA TV FR FOR PAPER TAPE AMA RECORDING ONLY











NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED IN CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-686

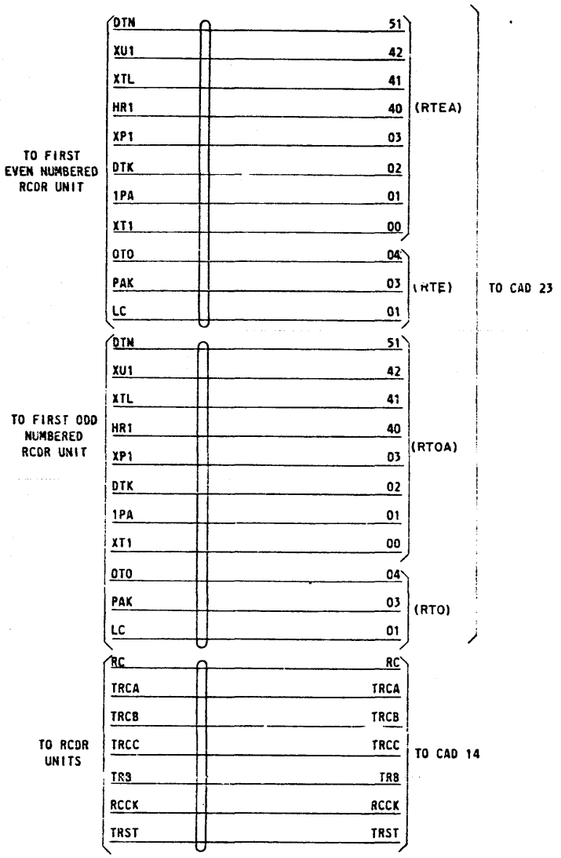
BELL TELEPHONE LABORATORIES INCORPORATED

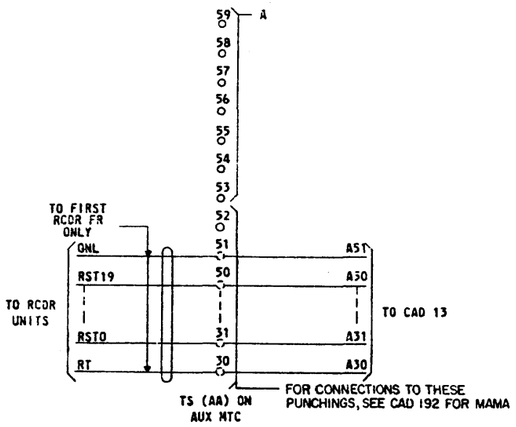
DRAWING SIZE 6S

PRINTED IN U.S.A.

CAD 119

SWBD CA FROM AUX MTC TO
RCDR UNITS (ONE PER RCDR UNIT)
FOR PAPER TAPE AMA RECORDING ONLY

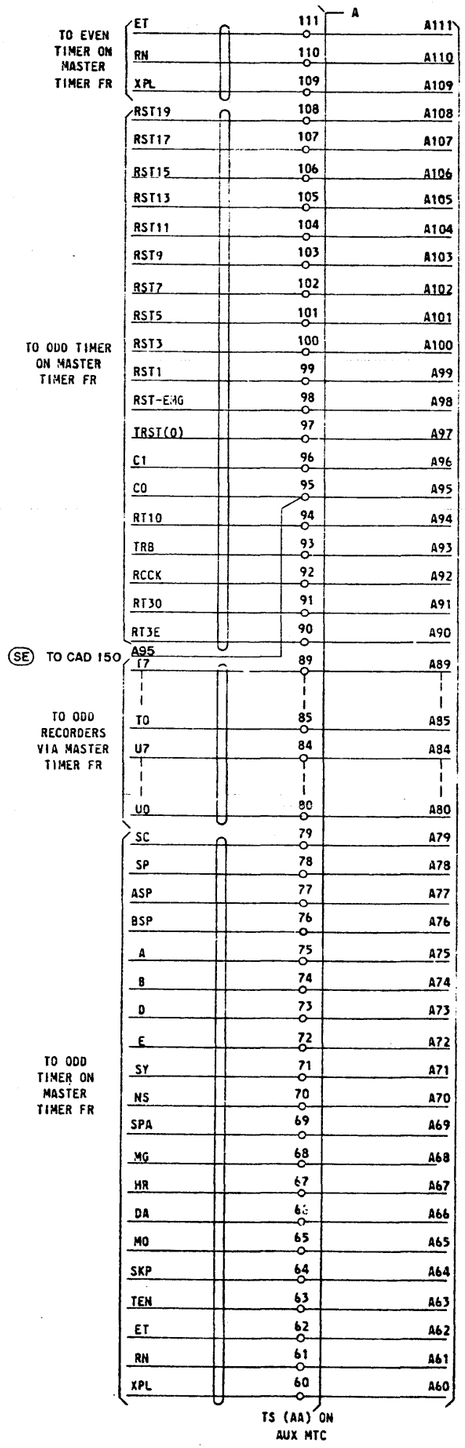


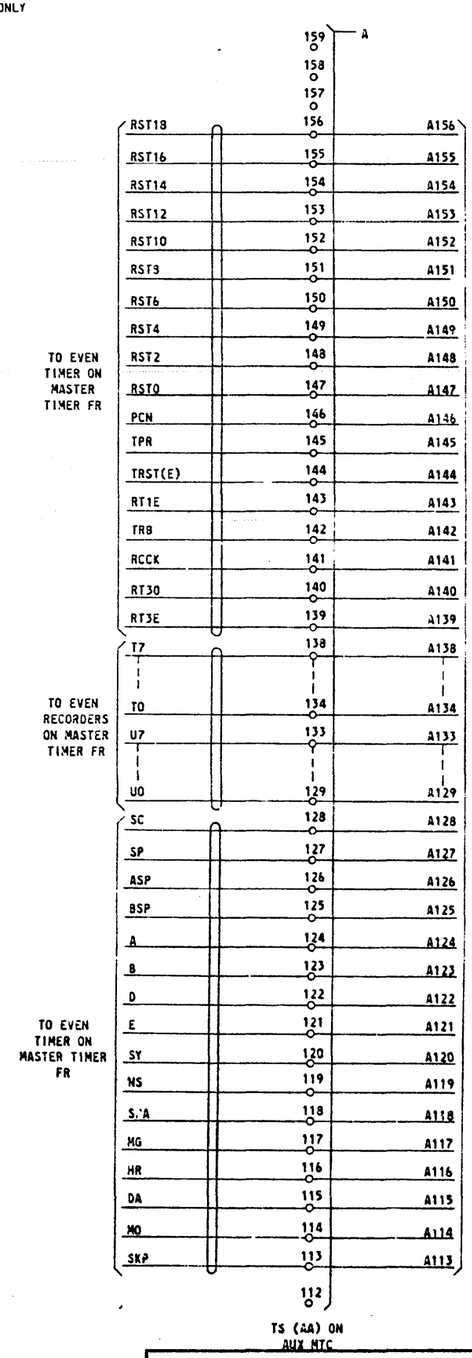


NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

PART OF CAD 120

SWBD CA FROM AUX MTC TO
MASTER TIMER FR
FOR PAPER TAPE AMA RECORDING ONLY
(FOR MAMA, SEE CAD 188)





DRAWING ISSUE
43D TAPE CUT AMA
70D CB

ISSUE 79D

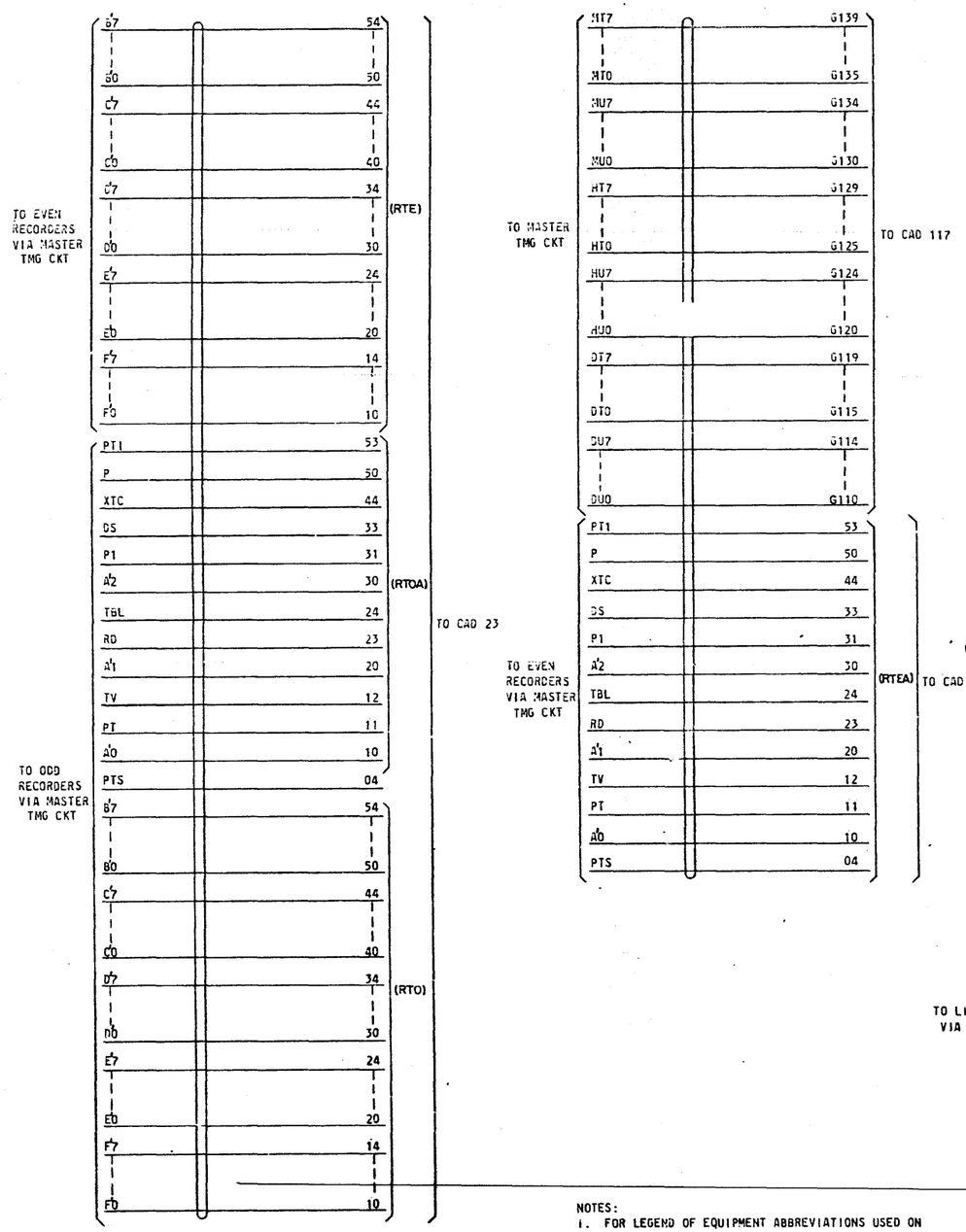
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G87
BELL TELEPHONE LABORATORIES INCORPORATED
6S

SD-25805-01-G87

STABILO

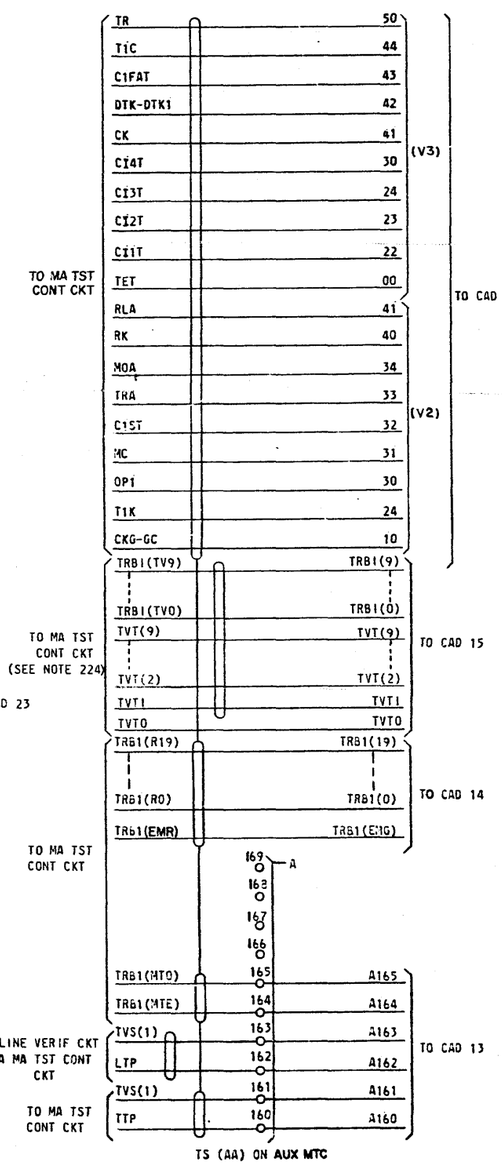
PART OF CAD 120

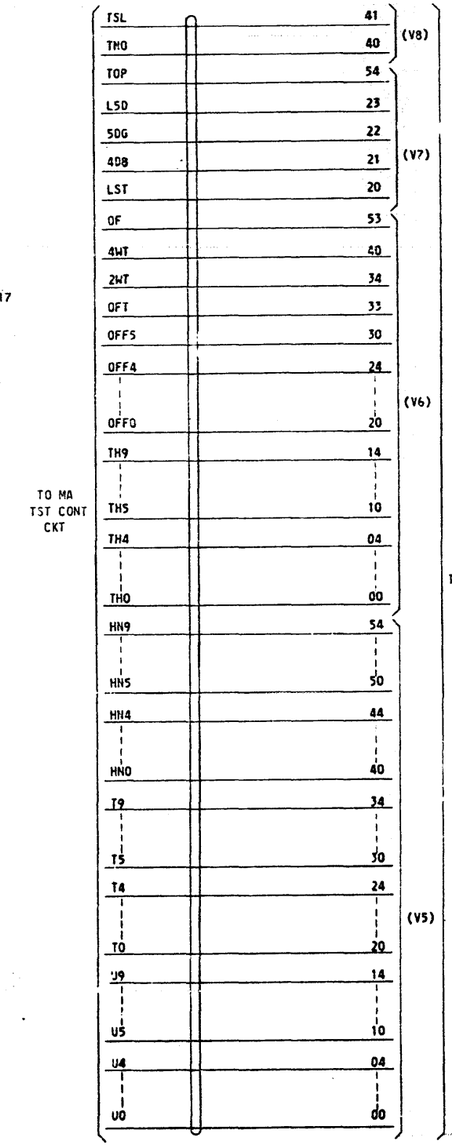
SWBD CA FROM AUX MASTER TEST CONNECTOR FRAME
TO MASTER TIMER FRAME
FOR PAPER TAPE AMA RECORDING ONLY



PART OF CAD. 121

SWBD CA FROM AUX MASTER TEST CONNECTOR FRAME
TO MASTER TEST CONTROL FRAME
FOR PAPER TAPE AMA RECORDING ONLY





NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D RMC CLK AMP
52D JLC PKG AMP
60D DM XM AMP
70D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G88

BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

SD-25805-01-G88

STABILO

PART OF CAD 121

SW6D CABLE FROM AUX MASTER TEST CONNECTOR FRAME TO MASTER TEST CONTROL FRAME

TO MASTER TEST CONT CKT

ACD	42	(VII)
DNC	13	
FC	12	
LCD2	11	
LCD1	10	
LCD0	04	
OA7	34	(VIO)
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	(V9)
CDT4	53	
CDT2	52	
CDT1	51	
CDT0	50	
SA	44	
NSP	43	
OFT2	42	
OFT1	41	
OFT0	40	
OFF9	34	
OFF8	33	
OFF7	32	
OFF6	31	
ODT/RNT0	20	
NID	24	
IOD	23	
AOS	22	
AD/RNT1	21	

TO CAD 21

TO CAD 19

TO MASTER TEST CONT CKT (SEE NOTE 224)

TO MASTER TEST CONT CKT

PROVIDE IN OFFICES NOT USING 2/5 PUNCH DESIGN SYSTEM

PROVIDE IN OFFICES NOT ARRANGED PER TABLE IE

TO MASTER TEST CONT CKT

PT1	53	(WI)
PA	52	
DTN	51	
P	50	
RDL	44	
XT	43	
ICK	42	
TCT	41	
DTKA	40	
UK	34	
DS	33	
CTMB	32	
P1	31	
TBL	24	
RD	23	
1R	22	
C	21	
PT	11	
WKC	52	(VI3)
ROPT	51	
VTC	50	
TR1T	44	
TI3	32	
TI2	31	
TI1	30	
TIO	24	
SK1	11	
SK0	10	
PRLT	53	(VI2)
OG7	24	
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	

TO CAD 17

TO CAD 21

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

CAD 122

SW6D CABLE FROM AUX MASTER TEST CONNECTOR FRAME OR SUPL AUX MTC FRAME (VN) (A&M ONLY) TO TV CONNECTOR FRAME & CAMA TV CONNECTOR FRAME

TO TRANSVERTER CONN CKT

CD7	54	(V9)
CD4	53	
CD2	52	
CD1	51	
CD0	50	
SW7	34	(V8)
SW4	33	
SW2	32	
SW1	31	
SW0	30	
VF4	13	
VF3	12	
VF2	11	
VF1	10	
VF0	04	

TO CAD 18

TO TRANSVERTER CONN CKT OR CAMA TRANSVERTER CONN CKT

SG	SG	TO CAD 15 ON AUX MTC OR TO CAD 27 ON SUPL AUX MTC (VN) (A&M ONLY)
CNG	CNG	
FRG	FRG	

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 (AA) ON AUX MTC OR TS (SA) ON SUPL AUX MTC

ISSUE	
43D	PNL CLK AMB
52D	WA
57A	LOG CLK
70D	
75D	

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G89

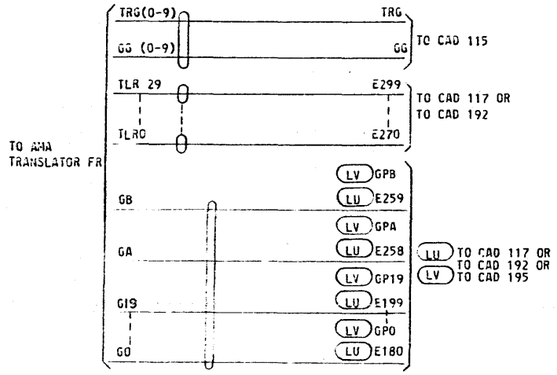
BELL TELEPHONE LABORATORIES INCORPORATED SIZE 6S

SD-25805-01-G89

STABILO

CAD 123

SWBD CA FROM AUX MTC TO AMA TRANSLATOR FR



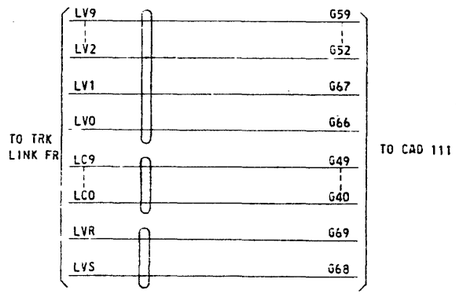
CAD 124

SWBD CA FROM MTC TO OUT. SENDER FR



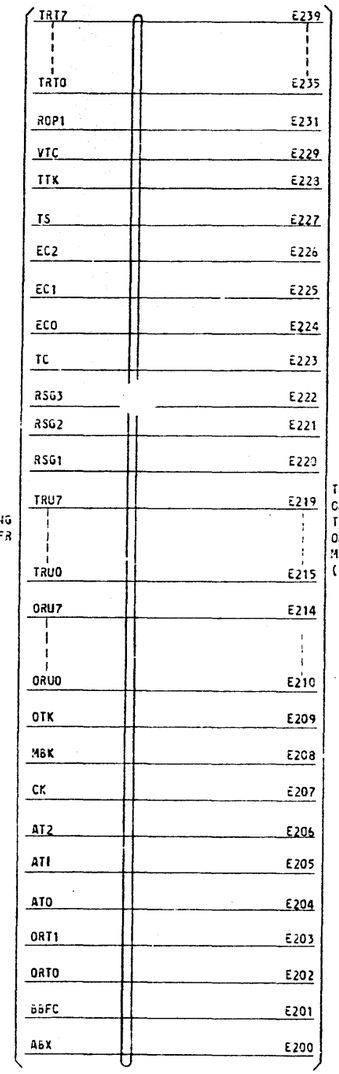
CAD 125

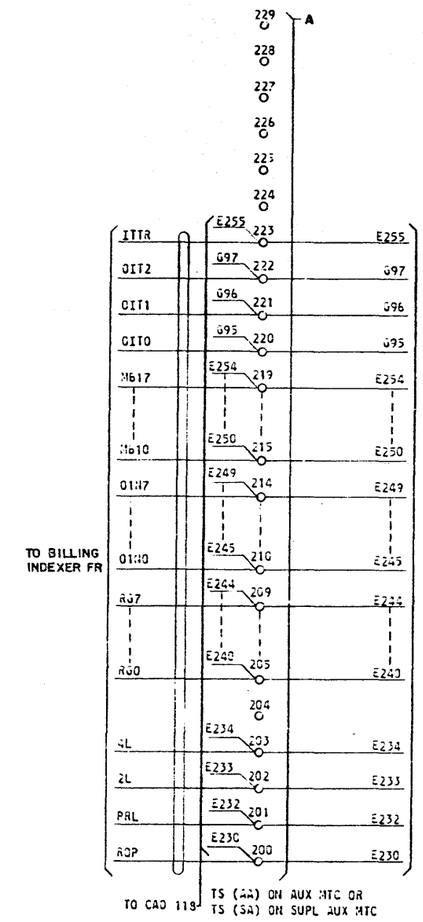
SWBD CA FROM MTC TO TRUNK LINK FR



CAD 126

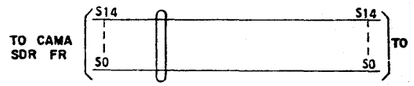
SWBD CA FROM AUX MTC OR SUPL AUX MTC (VN) (A&M ONLY) TO CAMA SENDER FR





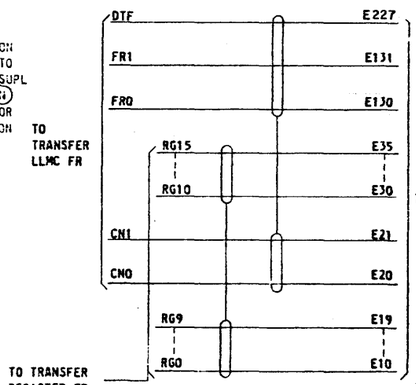
CAD 127

SWBD CA FROM AUX MTC OR SUPL AUX MTC (VN) (A&M ONLY) TO CAMA SENDER FR



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
430 DS CLK AND J3
650 J3 CLK AND
700

ISSUE 93A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G90
BELL TELEPHONE LABORATORIES INCORPORATED
SIZE 6S

SD-25805-01-G90

STABILO

(VJ) PART OF CAD 129 (A&M ONLY)

SW60 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

(VO)

TO FIG. 52 — TS1 — 24
TO FIG. 51 — TS2 — 23
TO FIG. 52 — C1A(1) — 22
TS — 21

(VN)

C1T — 20 — C1T
TCL — 19 — TCL
C16 — 18 — C16 — TO CAD 27
TM — 17 — TM
C1A2 — 16
C1A — 15
TTL1 — 14
TO FIG. 51 — SKT — 13
ON — 12 — ON — TO CAD 26
TRB1(ODD) — 11
TRB1(EVEN) — 10 — RR1 — RR — TO CAD 50
RR1 — 09 — RR1
RR — 08 — RR — TO CAD 25
ONL — 07 — ONL — TO CAD 27
RT1 — 06 — RT1
RT — 05 — RT — TO CAD 25
MFR DISC. — 04
TO FIG. 88 — OP — 04
TO FIG. 51 — PR1 — 03
TO FIG. 52 — TTL — 02
TO FIG. 51 — STR — 01 — STR — TO CAD 26
TO FIG. 88 — C1A(3) — 00

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) (ES1) (ES0) (PS)

28, 27, 26, 25, 19, 15, 09, 05, 54, 50 — 23, 22, 21, 20, 14, 10, 04, 00

TO CAD 109 ON SUPL AUX MTC

TO CAD 24 ON MTC

854, 850 — 44, 40
34, 30, 24, 20, 14, 10, 04, 00 — (A0)

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, 365 — 34, 30 — (A3)
28, 25, 19, 15, 09, 05, 54, 50, 44, 40 — 23, 20, 14, 10, 04, 00
364, 360 — 34, 30
24, 20, 14, 10, 04, 00 — (A2)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (A1) ON MTC

TO FIG. 59 TS (A3) ON MTC

34, 30, 24, 20, 14, 10, 04, 00 — (A6)
59, 55, 49, 45, 39, 35, 29, 25, 19, 15, 09, 05, 54, 50, 44, 40 — 54, 50, 44, 40, 39, 33, 24, 20, 14, 10, 04, 00 — (A5)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (A2) ON MTC

34, 30, 24, 20, 14, 10, 04, 00
59, 55, 49, 45, 39, 35, 29, 25, 19, 15, 09, 05, 54, 50, 44, 40 — 54, 50, 44, 40, 39, 33, 24, 20, 14, 10, 04, 00 — (A4)

DRAWING ISSUE
430 E4M E1X A4M
640 F1M
70D

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT (2) — SD-25805-01-G91

BELL TELEPHONE LABORATORIES INCORPORATED — FORM 6S

SD-25805-01-G91

STABILO

(VJ) PART OF CAD 129 (A&M ONLY)

SWBD CA FROM SAMTC
TO MTC J23153A
(ALSO SEE TABLE 129)

DRAWING ISSUE	
43D	JGS CLU AMD
69A	
700	

TO FIG. 60 ON MTC

TO FIG. 59 TS (A4) ON MTC

(A8)

TO FIG. 59 TS (A3) ON MTC

(A7)

(A6)

TO CAD 109 ON SAMTC

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)

TO CAD 109 ON SAMTC

TO FIG. 59 TS (A5) ON MTC

(A11)

TO CAD 109 ON SAMTC

TO CAD 25 ON SAMTC

TO FIG. 59 TS (B1) ON MTC

(B3)

TO CAD 109 ON SAMTC

TO FIG. 59 TS (B0) ON MTC

(B2)

(B1)

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

70

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G92

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G92

PART OF CAD 129

SWBD CA FROM SUPL AUX MTC TO MTC - J28153A (ALSO SEE TABLE 129)

TO FIG. 59 TS (B3) ON MTC

(B6)

TO FIG. 59 TS (B5) ON MTC

(B5)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (B2) ON MTC

(B4)

TO FIG. 51

SEF1

SEF

TO CAD 25 ON SUPL AUX MTC

TO FIG. 59 TS (B5) ON MTC

(B8)

TO CAD 109 ON SUPL AUX MTC

(B7)

TO FIG. 59 TS (B3) ON MTC

(B6)

VB

VA

TCA

TO FIG. 51 ON MTC

TO CAD 25 ON SUPL AUX MTC

TO FIG. 59 TS (CO) ON MTC

(C1)

TO CAD 109 ON SUPL AUX MTC

(CO)

TO FIG. 59 TS (B5) ON MTC

(B9)

TO CAD 24 ON MTC

841

(C3)

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (C1) ON MTC

(C2)

FSS

TO CAD 111 ON SUPL AUX MTC

TO CAD 109 ON SUPL AUX MTC

TO FIG. 59 TS (CO) ON MTC

(C1)

TO CAD 24 ON MTC

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE
43D
60D
70D
73D

73

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G93

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

SD-25805-01-G93

(VJ) PART OF CAD 129 (A&M ONLY)

SWBD 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

TO CAD 109
SUPL AUX MTC

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 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
TS (C3)
ON MTC

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)

SWBD 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	FMC, ELK, AND
58A	LEA, AUC, PAD
59D	LEA, AUC, PAD
60D	CM, PDT, AND
62D	JK
70D	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

70

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G694

BELL TELEPHONE LABORATORIES INCORPORATED — SIZE 6S — PRINTED IN U.S.A.

SD-25805-01-G694

STABILO

DRAWING ISSUE		
43D	FNR	CLK
		ANC
70D		

CAD 138

CROSS CONN OF OPERATE LEADS FOR V10-13 TRANS-VERTER CONN RELAYS (ONE PER AUX MTC)

29
28
27
26
24
23
22
21
20
19
18
17
16
15 — TO CAD 129
14
13
12
11
10
09
08
07
06
05
04
03
02
01
00

V3

9	V3(9)	V3 (9)
8	V3(3)	V3 (8)
7	V3(7)	V3 (7)
6	V3(6)	V3 (6)
5	V3(5)	V3 (5)
4	V3(4)	V3 (4)
3	V3(3)	V3 (3)
2	V3(2)	V3 (2)
1	V3(1)	V3 (1)
0	V3(0)	V3 (0)

TO CAD 15

TO CAD 18

CROSS CONN V3 (0-9) TO CTV-V3 (0-3) ACCORDING TO THE TV CONN CONT AND PREF REL UNIT WITH WHICH EACH CAMA TV IS ASSOCIATED

CTV-V3

3	V3 (3)
2	V3 (2)
1	V3 (1)
0	V3 (0)

TO CAD 20

V2

9	V2(9)	V2 (9)
3	V2(3)	V2 (3)
7	V2(7)	V2 (7)
6	V2(6)	V2 (6)
5	V2(5)	V2 (5)
4	V2(4)	V2 (4)
3	V2(3)	V2 (3)
2	V2(2)	V2 (2)
1	V2(1)	V2 (1)
0	V2(0)	V2 (0)

TO CAD 15

TO CAD 18

CROSS CONN V2 (0-9) TO CTV-V2 (0-3) ACCORDING TO THE TV CONN CONT AND PREF REL UNIT WITH WHICH EACH CAMA TV IS ASSOCIATED

CTV-V2

3	V2 (3)
2	V2 (2)
1	V2 (1)
0	V2 (0)

TO CAD 20

TS (AB) ON AUX MTC

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-G97

(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

4
3
2
1
10
14
13
12
11
10
04
03
02
01
00
54
53
52
51
50
44
43
42
41
40
34
33
32
31
24
23
22
21
20
40
34

(V10) — TO CAD 21

(V9) — TO CAD 19

(V6)

WKC	52
ROPT	51
VTC	50
TR1T	44
TI3	32
TI2	31
TI1	30
TIO	24
SK1	11
SKO	10
PRLT	53
OG7	24
OG4	23
OG2	22
OG1	21
OGO	20
OF7	14
OF4	13
OF2	12
OF1	11
OFO	10
OE7	04
OE4	03
OE2	02
OE1	01
OEO	00
ACD	42
DNC	13
FC	12
LCG2	11
LCD1	10
LCDO	04

(V13) (V12) (V11) — TO CAD 21

TO MTF CONT CKT

TRB1(R19) … TRB1(R11) — TRB1(R19) … TRB1(R11) — TO CAD 26

TVT(9) … TVT(6) — TVT(9) … TVT(6)

TRB1(TV9) … TRB1(TV6) — TRB1(TV9) … TRB1(TV6) — TO CAD 27

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

BELL TELEPHONE LABORATORIES INCORPORATED

SD-25805-01-G95

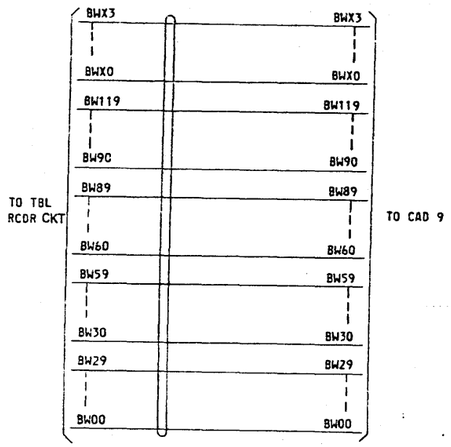
DRAWING ISSUE		
43D	TBC	CLK
		ANC
60D	DM	
	PDM	
	AMP	
70D		

5 6 7 8 9

A B C D E F G H

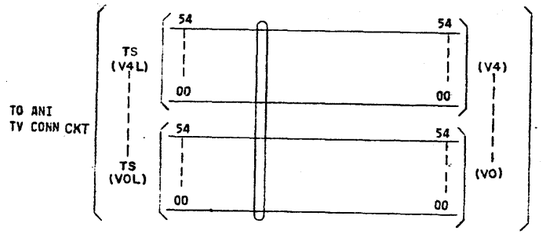
(VJ) CAD 139

SWBD CA FROM SUPL AUX MTC TO TBL RCDR FR



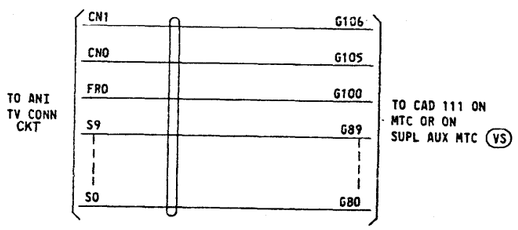
(VS) CAD 141 (A&M C)

SWBD CA FROM SUPL AUX MTC UNIT FOR ANI



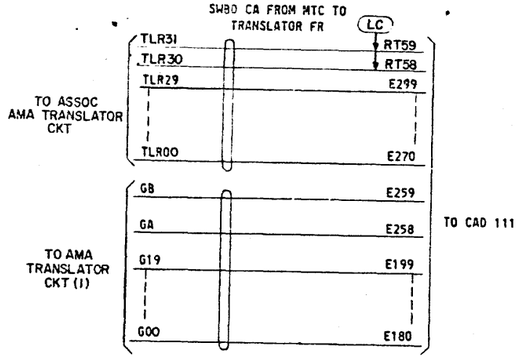
CAD 140

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.

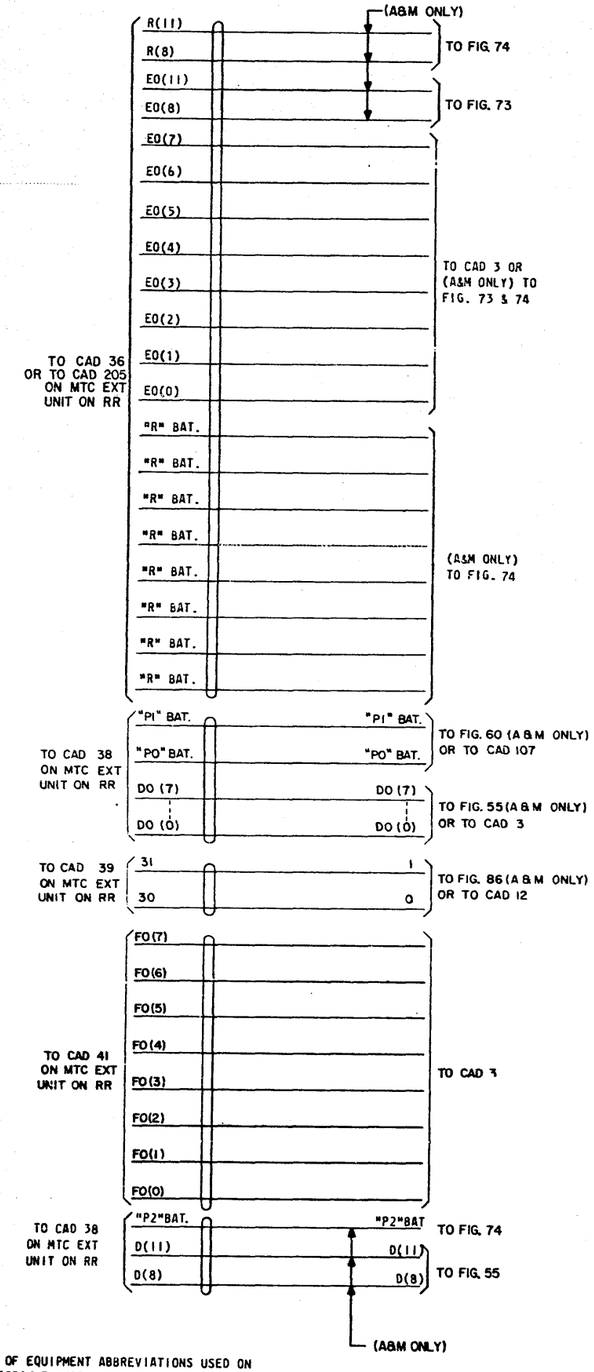
DRAWING ISSUE
43D
70D
73D
ISSUE 80A

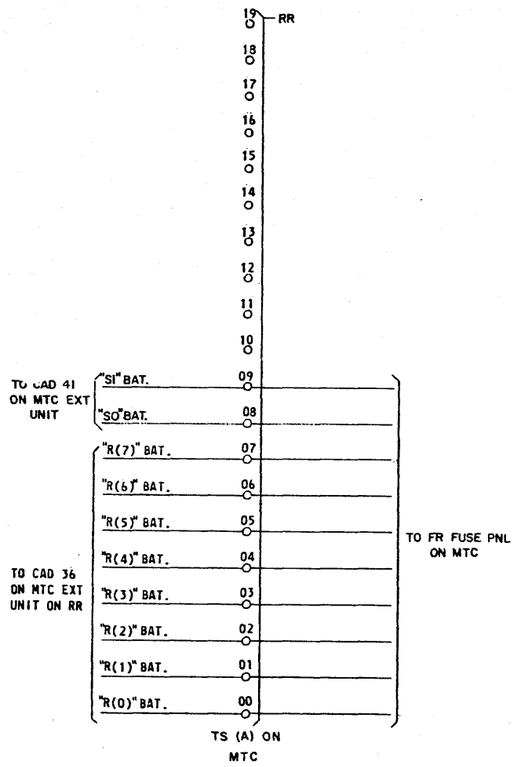
SD-25805-01-698

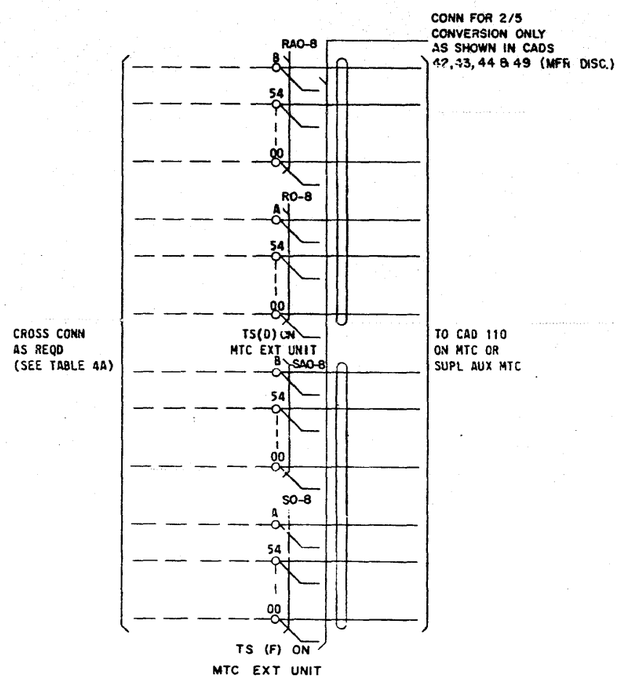
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-698
BELL TELEPHONE LABORATORIES INCORPORATED
6S

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
43D
52D
70D

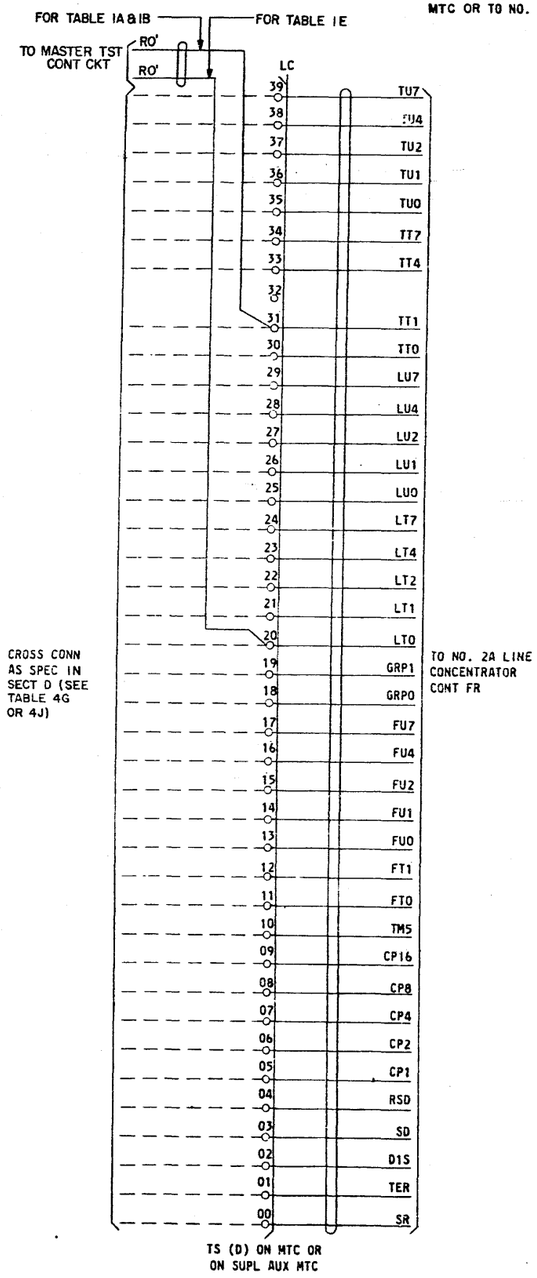
ISSUE 96B

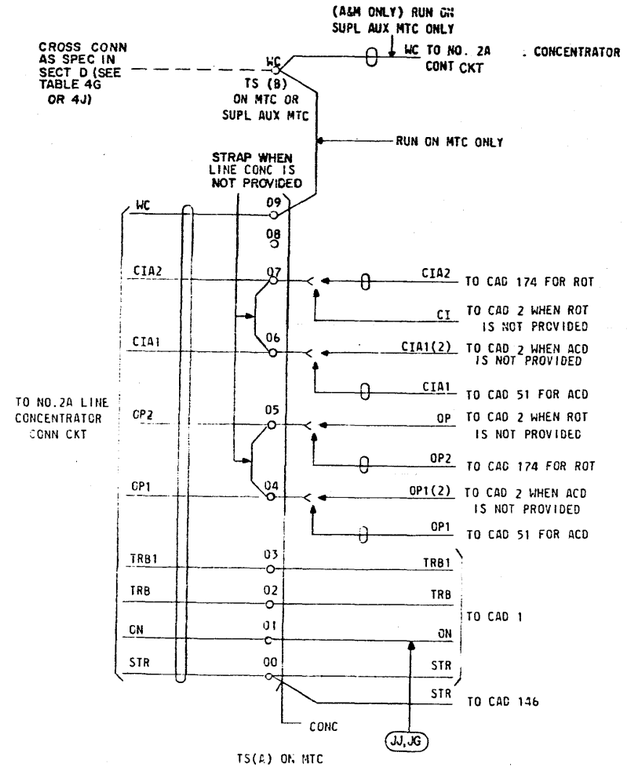
MASTER TEST FRAME CONNECTOR CKT (2)	SD-25805-01-G99
BELL TELEPHONE LABORATORIES INCORPORATED	6S

STABILO

CAD 144

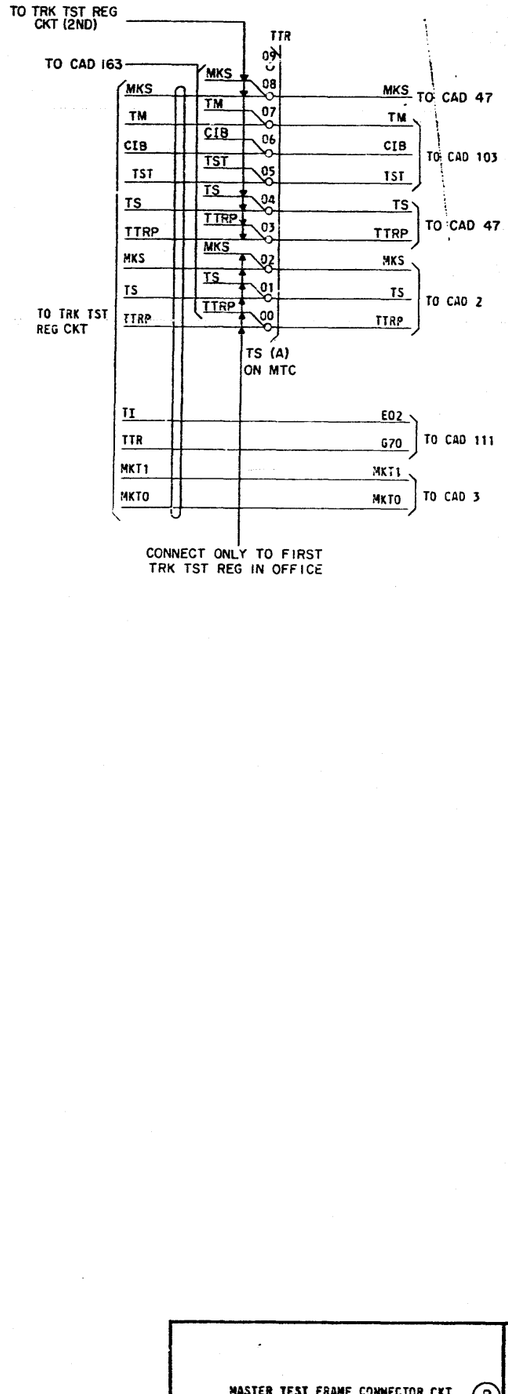
(SWBD CA FROM MTC OR SUPL AUX MTC OR TO NO. 2A LINE CONCENTRATOR CONT FR)





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
GA CL
3D SH
RL
2D ZZ
66D BEN
70D
72A
74A

ISSUE 89B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G100

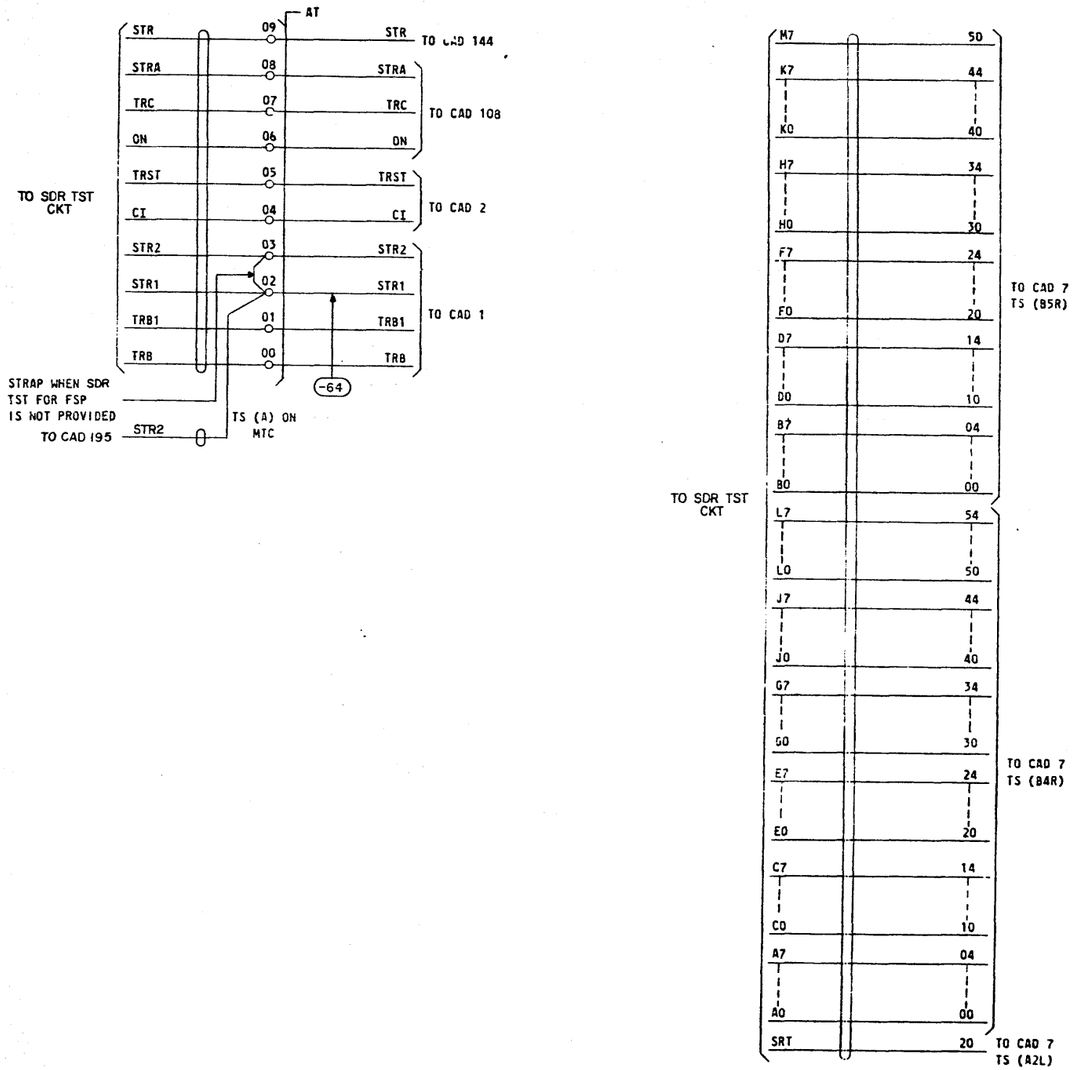
BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G100

STABILO ASEPTROOF

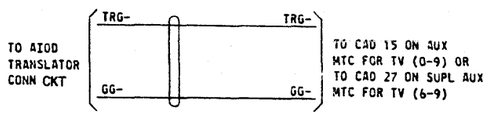
CAD 146

(SWBD CA FROM MTC TO AUX TEST FR)



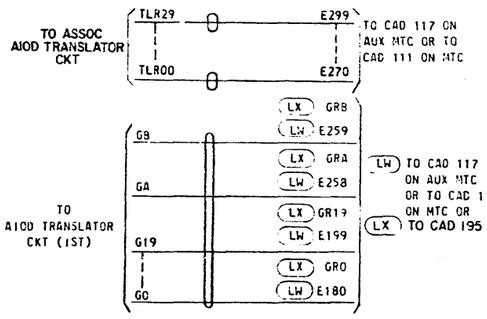
CAD 147

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



DRAWING ISSUE
43D
70D
73D
ISSUE 98B

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

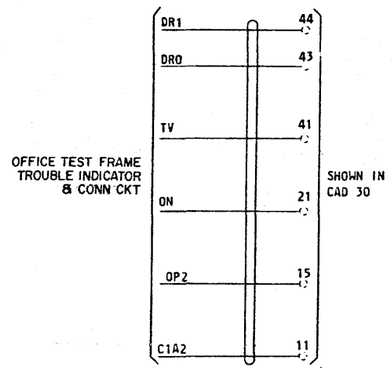
MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G101
BELL TELEPHONE LABORATORIES INCORPORATED
PAGE NO. 6S
PRINTED IN U.S.A.

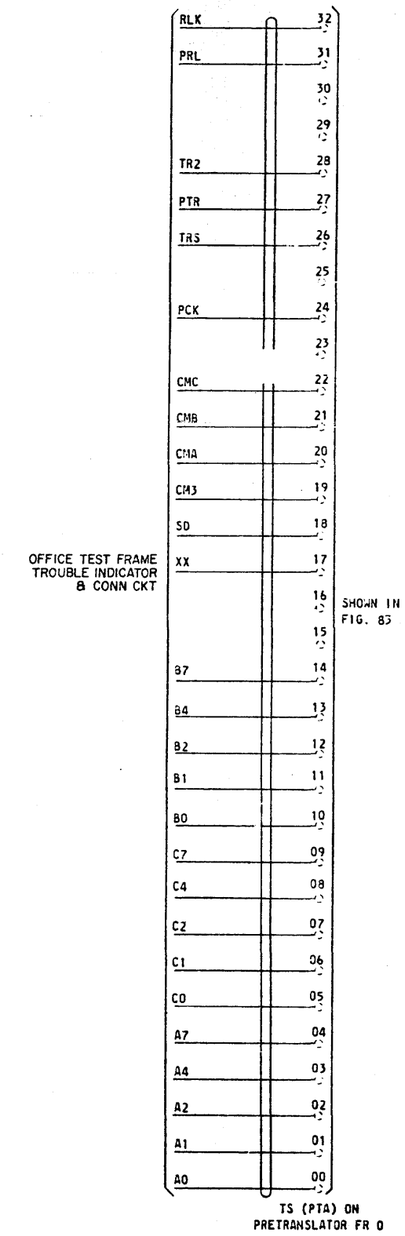
SD-25805-01-G101

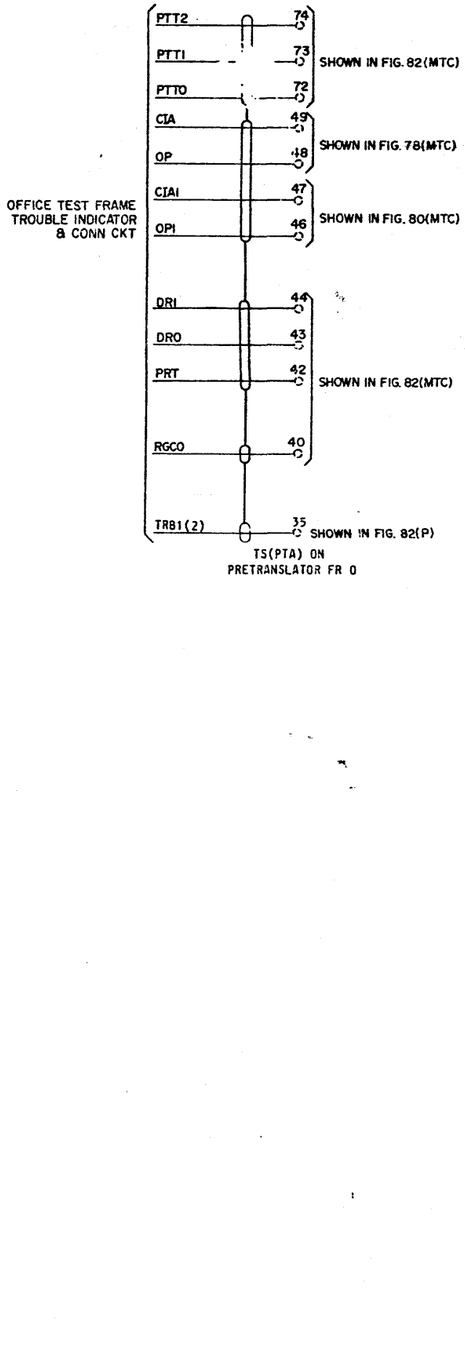
STABILO DRAFTING PAPER, INC. ESSEXCOURT 12618 8 E-7481 (6-62)

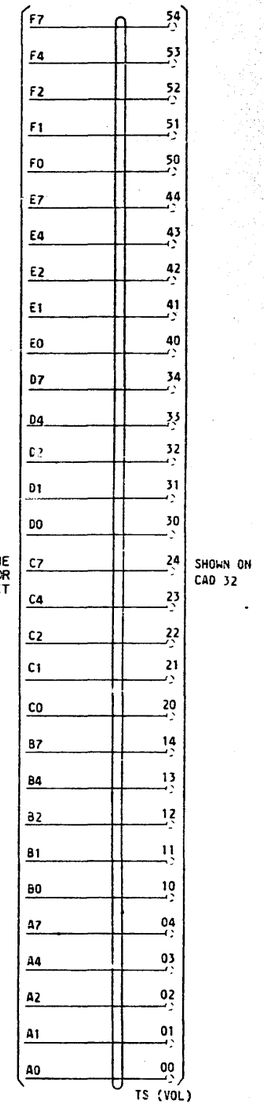
PART OF CAD 149

(SWBO CABLING TO OFFICE TEST FR)









NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

DRAWING ISSUE

43D	EM CLS CAM TES
55D	
57A	
70D	
71D	

ISSUE 77D

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G102A

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

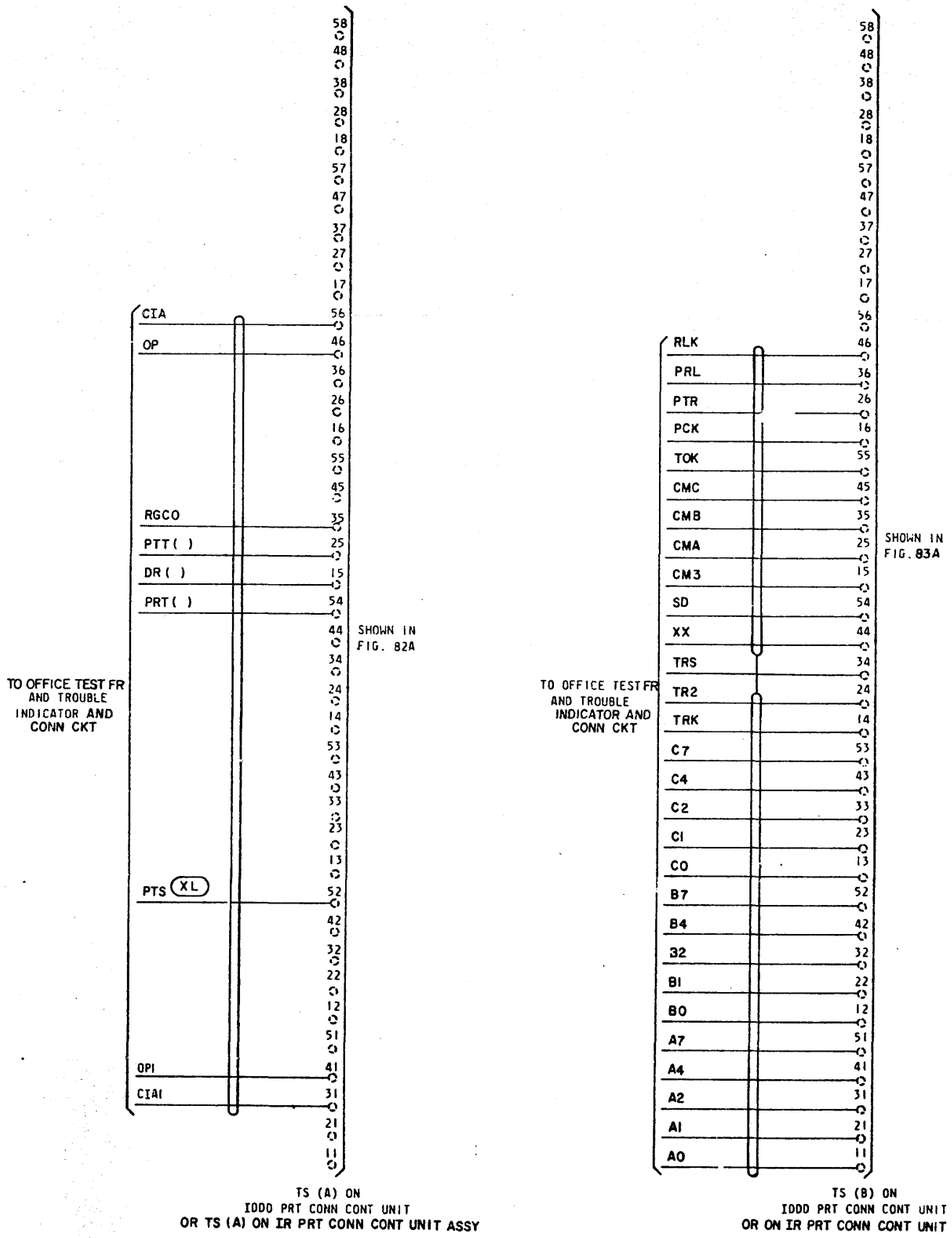
PRINTED IN U.S.A.

SD-25805-01-G102A

STABILO

PART OF CAD 149

(SWBD CABLING TO OFFICE TEST FR)



DRAWING ISSUE
71D
730
75D

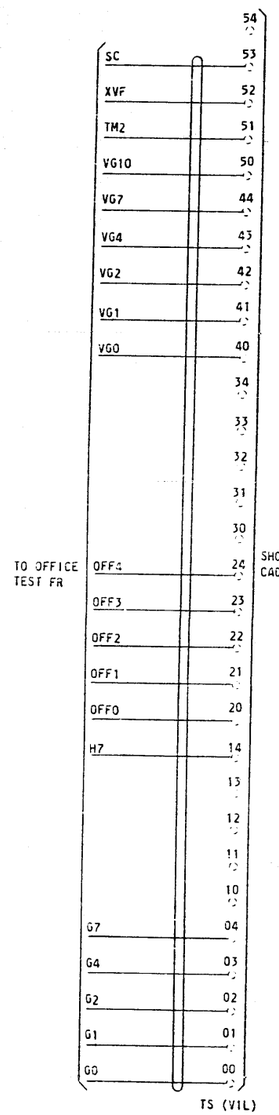
ISSUE 77D

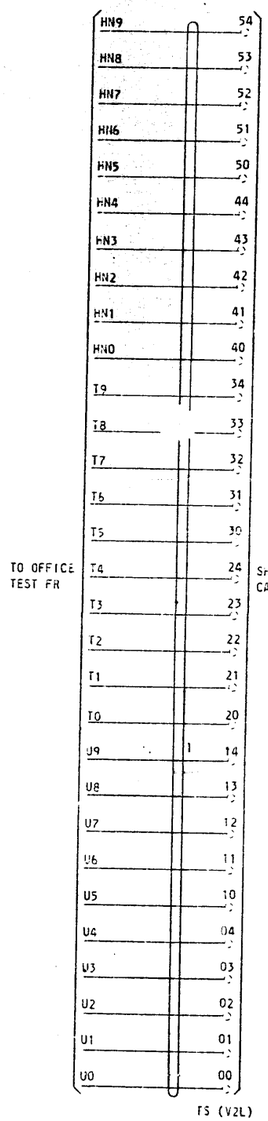
MASTER TEST FRAME CONNECTOR CIRCUIT (2) SD-25805-01-G102B

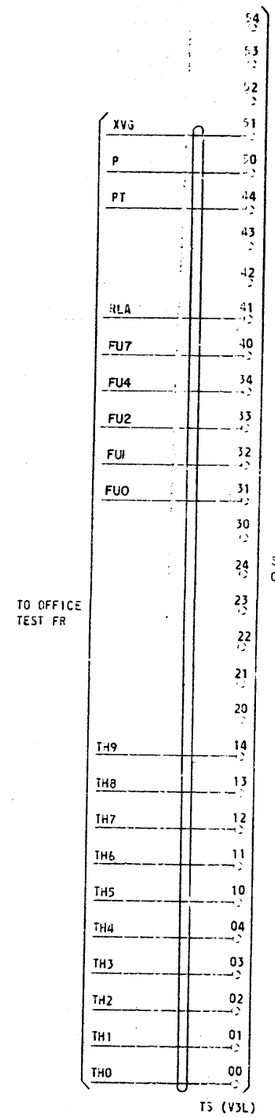
BELL TELEPHONE LABORATORIES INCORPORATED SHEET 65

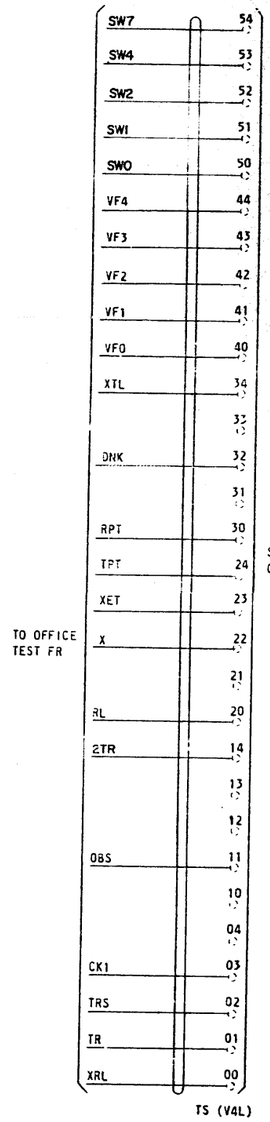
SD-25805-01-G102B

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
55D
70D

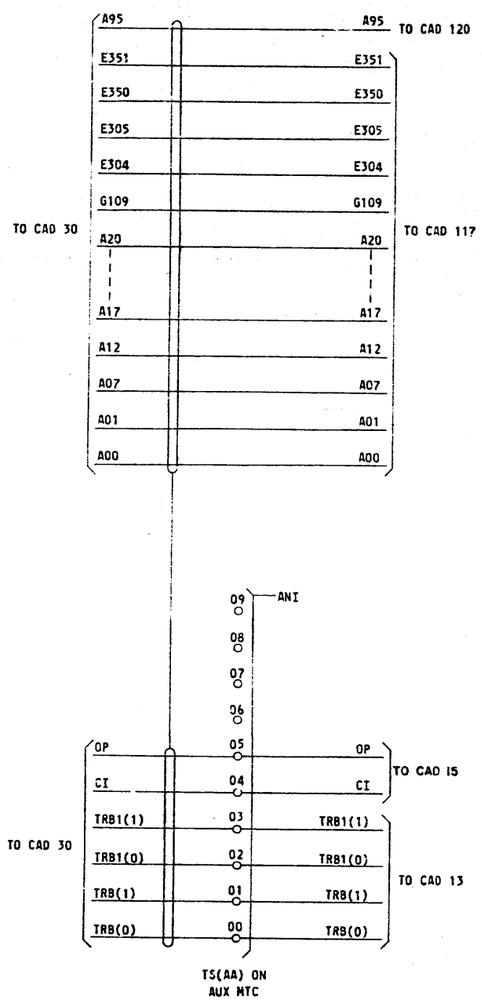
SD-25805-01-G103

70

MASTER TEST FRAME CONNECTOR CKT (2) | SD-25805-01-G103
BELL TELEPHONE LABORATORIES INCORPORATED | PAGE NO. 65

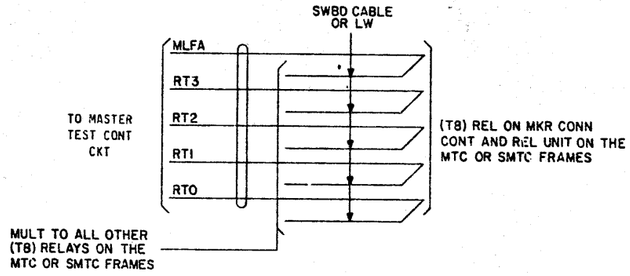
CAD 150

(SE) SWBD CABLE FROM AUX MTC TO MA TST CONN CONT & PREF REL UNIT FOR ANI TV ON ANI TV CONN FR



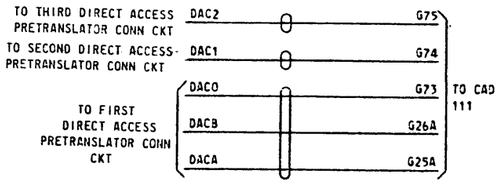
CAD 151 (A&M ONLY)

SWBD CABLE FOR FIG. 176



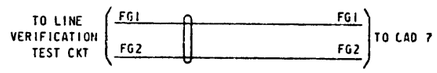
CAD 152

SWBD CABLE FROM SUPL AUX MTC TO DAPC UNITS (ONE PER SUPL AUX MTC)



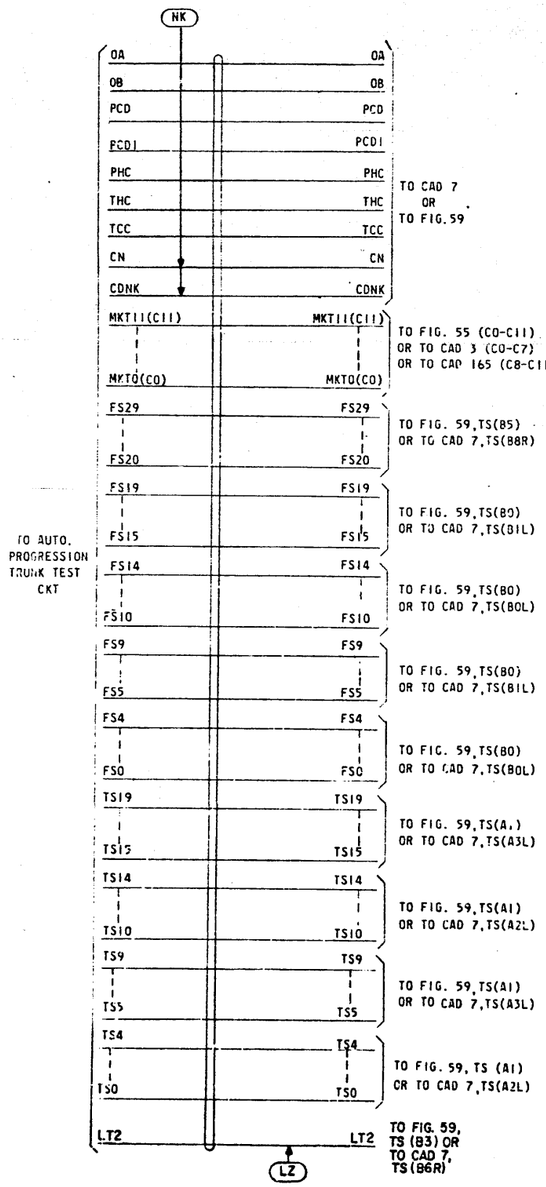
CAD 153 (SPECIAL)

SWBD CABLE FROM MTC TO LVT REL UNIT



CAD 154

SWBD CABLE FROM MTFC AUTO. PROGRESSION TRUNK TEST CKT



DRAWING ISSUE

93D	FRK CLK RWM
480	GE LWM JLP
55D	LWM JLP LSC
58A	RWM JLP AMB
59D	KSC JLP AMB
70D	

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 92B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G104

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G104

STABILO

CAD 157 (MFR DISC.)

SHBD 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	RT0(0-7)	RT0(0-7)	TO ASSOC FIG. 58 (T1) OR TO ASSOC CAD 6 (T3)
	RT1(0-7)	RT1(0-7)	

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-G105

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-G105

CAD 158 (MFR DISC.)

SWBD CABLE TO ROUTE TRANSLATOR FRAME

DRAWING ISSUE	
62D	NF
70D	
73D	

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	
CP6	CP6	(C2) OR (B1)
CP7	CP7	
CST0	E235	TO CAD 109
CST1	E236	
CST2	E237	TO CAD 111
CST4	E238	
CST7	E239	

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)
DRQ	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-C	TRST-0	
TRST-I	TRST-1	
TSC0	CN0	TO CAD 111
TSC9	CN9	
WR	E96	
FWR	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.

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.)

SWBD CABLE TO TRANSLATOR AND ADMINISTRATION TEST FRAME

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

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	
M4	RT18	TO CAD 111
M7	RT19	
N0	20	
N1	21	
N2	22	TO CAD 109 (V12)
N4	23	
N7	24	
STRA	STRA	TO FIG. 51 OR CAD 103
STR1	STR1	TO FIG. 51 OR CAD 108

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

CAD 160

(FOR FIG. 181 & 182)

TRAN

TO CAD 161	TRB	5T	(RMS) REL
	TRB1	5T	
TO JK, LP & KEY CKT ON MTF CONT BAY OR RCDR BAY	TRB1(RT1)		
	TRB1(RT0)		
	TRB1-1	1T	(RMIS) REL
	TRB1-0	3T	
	TRB-1	1T	
TO CAD 159 (MFR DISC.)	TRB-0	3T	(RMS) REL
	TRSTI	4B	
	LAI	1T	(RTPI) REL
	TRSTO	4B	
	LAO	1T	(RTPO) REL

TS (A) ON MTC

TO CAD 164	TRB1 (C11)	9B	(RMIS)REL
	TRB1 (C10)	7B	
	TRB1 (C9)	5B	
	TRB1 (C8)	3B	
	TRB (C11)	9B	(RMS)REL
	TRB (C10)	7B	
	TRB (C9)	5B	
	TRB (C8)	3B	

DRAWING ISSUE
62D NF
70D

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G107

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G107

CAD 161

SWBD CA TO AUTO.RANGE EXT TST CKT

AUTO. RANGE EXT TST CKT

HG0,1,2,4,7	HG0,1,2,4,7	TO CAD 7, TS(B0R) OR FIG.59, TS(B0)
FU0,1,2,4,7	FU0,1,2,4,7	
FTCK	FTCK	TO CAD 7, TS(C4L) OR FIG.59, TS(C2)
FTC	FTC	TO CAD 7, TS(T0R) OR FIG.59, TS(T0)
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 (T0)
DIS1	DIS1	TO CAD 7, TS (C5L) OR FIG.59, TS (C2)
DIS	DIS	TO CAD 7, TS (T0R) OR FIG.59, TS (T0)
DCT	DCT	TO CAD 7, TS (C4L)
D7	D7	TO CAD 7, TS (B5L) OR FIG.59, TS (B2)
CU0,1,2,4,7	CU0,1,2,4,7	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)
CTA0	CTA0	TO CAD 7, TS (T2L) OR FIG.59, TS (T1)
CSG1,2	CSG1,2	TO CAD 7, TS (T2L) OR FIG. 59, TS (T1)
CRU0,1,2,4,7	CRU0,1,2,4,7	TO CAD 7, TS (B3L) OR FIG. 59, TS (B1)
CKG1	CKG1	TO CAD 7, TS (T0R) OR FIG.59, TS (T0)
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)
B0,1,2,4,7	B0,1,2,4,7	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
ARET1	ARET1	TO CAD 111, TERM. E380 OR TERM. 115
ARET	ARET	TO CAD 162 OR FIG.94
A0,1,2,4,7	A0,1,2,4,7	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
RBT1	RBT1	TO CAD 7, TS (C5L) OR FIG.59, TS (C2)
RBT	RBT	TO CAD 7, TS (T0R) OR FIG.59, TS (T0)
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 (T0R) OR FIG.59, TS (T0)
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(T0)
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 (T0R) OR FIG.59, TS (T0) (OD) OR TO CAD 7, TS (A5R) OR FIG.59 TS (A2) (OJ)
MRL	MRL	TO CAD 7, TS (C4L) OR FIG.59, TS (C2)
MO1	MO1	TO CAD 7, TS(T0R) OR FIG.59, TS(T0)
MTK3-11	MTK8-11	TO CAD 164
MKT0-7	MKT0-7	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 (T0)
LK2	LK2	TO CAD 7, TS (T0R) OR FIG.59, TS (T0)
LHMT	LHMT	TO CAD 7, TS (T2L) OR FIG. 59, TS (T1)
KJSQ	KJSQ	TO CAD 7, TS (T3L) OR FIG.59, TS (T1)
JSQ0	JSQ0	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 (T0)
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 (T0)
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 (T0)
STR1,2,4	STR1,2,4	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 183 & 184

TO CAD 161

ARET	09		
	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
55A	LFF
57A	RAS
68D	
70D	
75D	

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

SD-25805-01-G108

BELL TELEPHONE LABORATORIES INCORPORATED

DRAWING SIZE 6S

SD-25805-01-G108

CAD 163

SWITCHBOARD CABLE TO WIDEBAND/BIT-STREAM TRUNK TEST REGISTER CKT

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 (TCL)	
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		
CIB	CIB	TO CAD 145	
CKGI	CKGI	TO CAD 7 (TOL)	
CSGI	CSGI	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)	
DIST	DIST	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 (P7R)	
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		
HMSI	HMSI	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)	
MOI	MOI	TO CAD 7 (TOL)	
MRL	MRL	TO CAD 7 (C4R)	
MTIK	MTIK	TO CAD 7 (TOL)	
NDT	NDT	TO CAD 7 (CIR)	
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)	
PCDI	PCDI		
PCR	PCR		
PK	PK	TO CAD 7 (B5R)	
PKI	PKI	TO CAD 111	
RA	RA	TO CAD 7 (C2R)	
RBT	RBT	TO CAD 7 (TOL)	
RBTI	RBTI	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	

DRAWING ISSUE

	PVC
66D	
70D	
73D	
75D	

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 96B

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

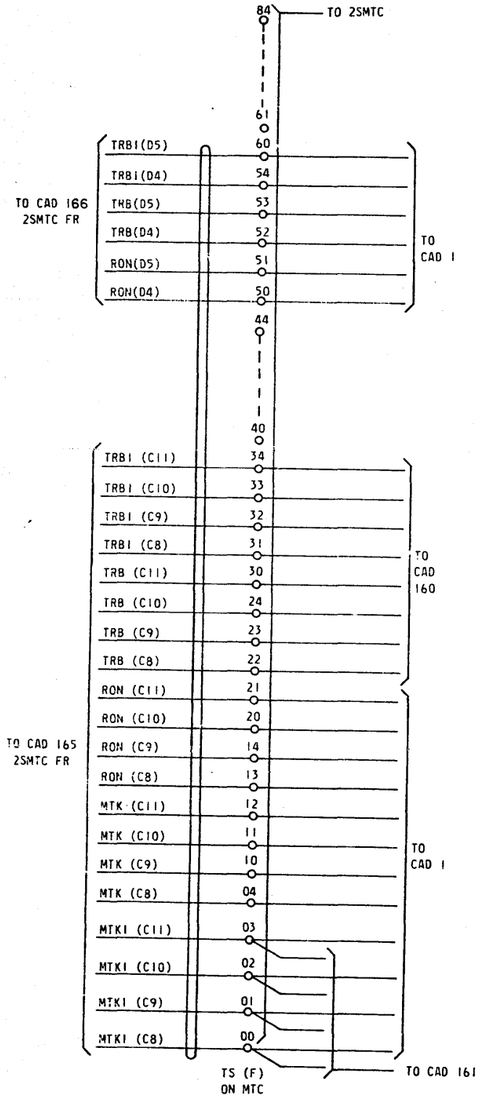
SD-25805-01-G109

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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-25805-01-6110

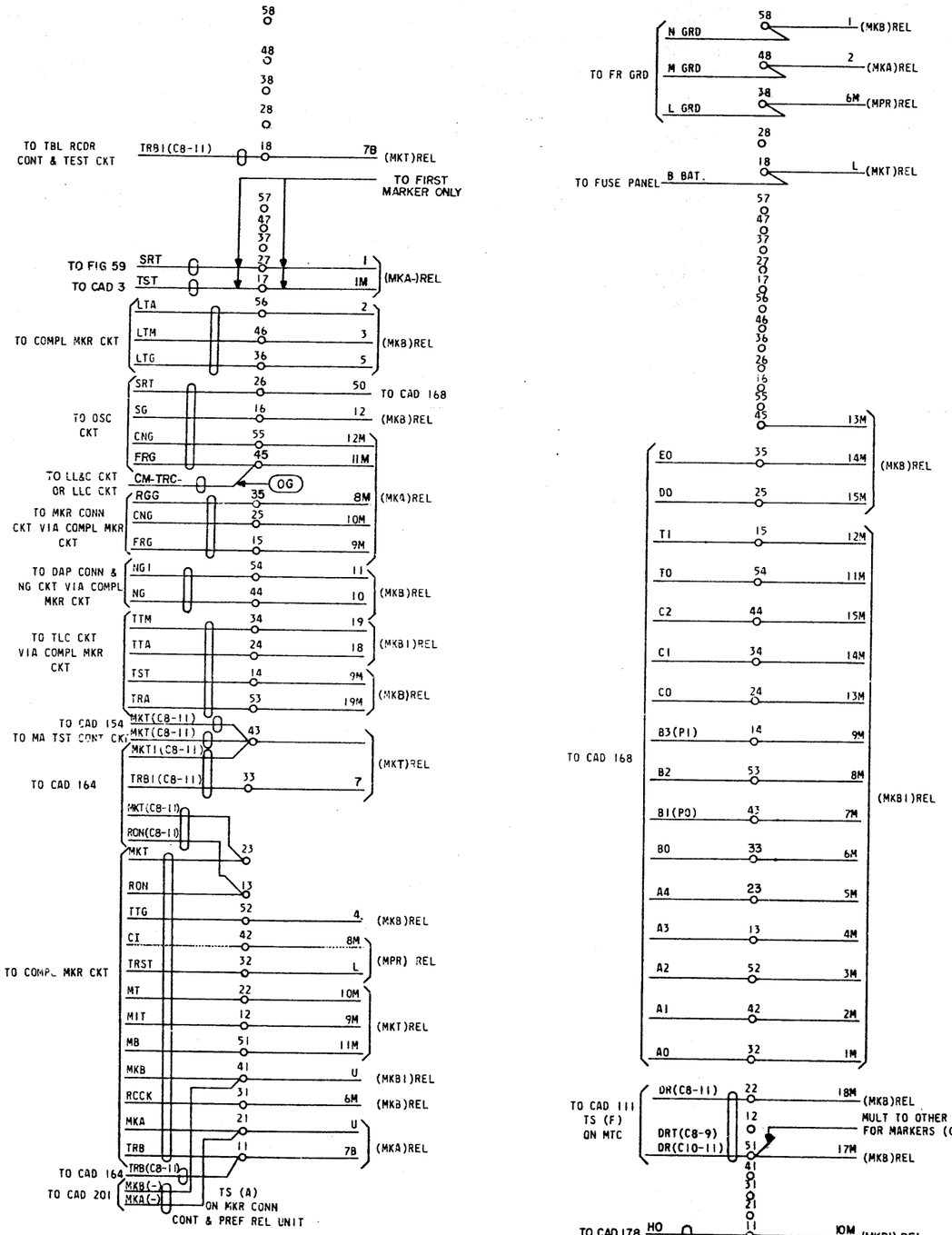
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-6110

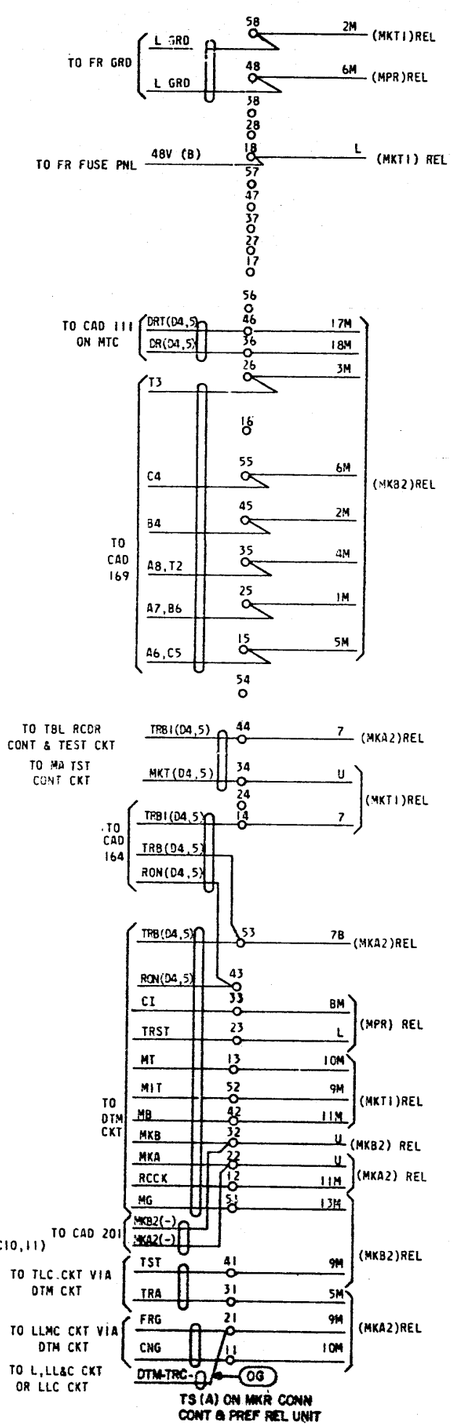
CAD 165

FOR FIG. 187
ON 2SMTC FR
(ONE PER COMPL MKR)



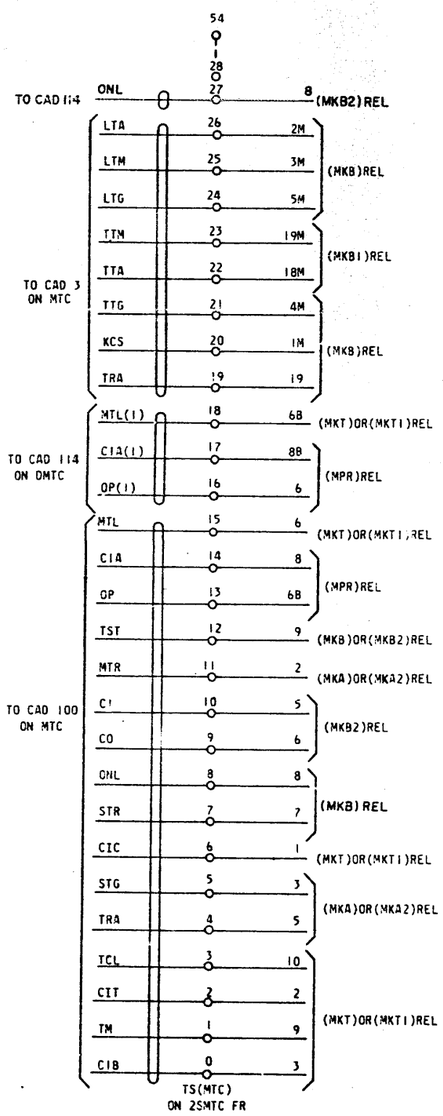
CAD 166

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
700
750

ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT

(2)

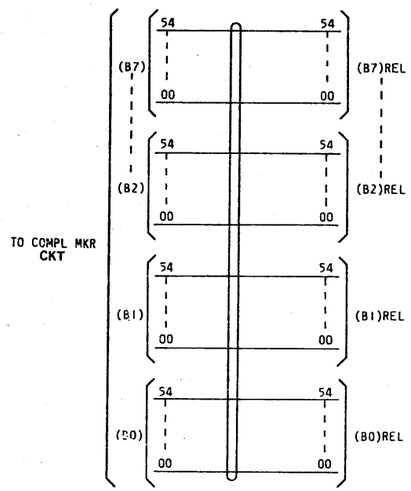
SD-25805-01-6111

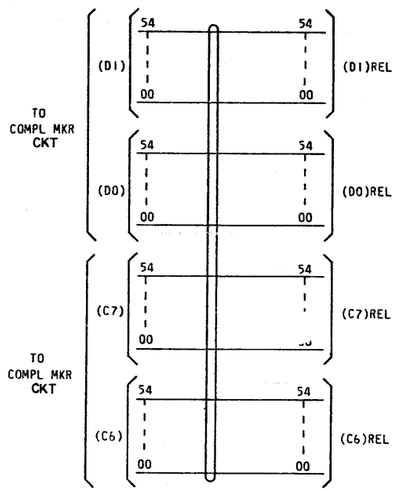
BELL TELEPHONE LABORATORIES INCORPORATED

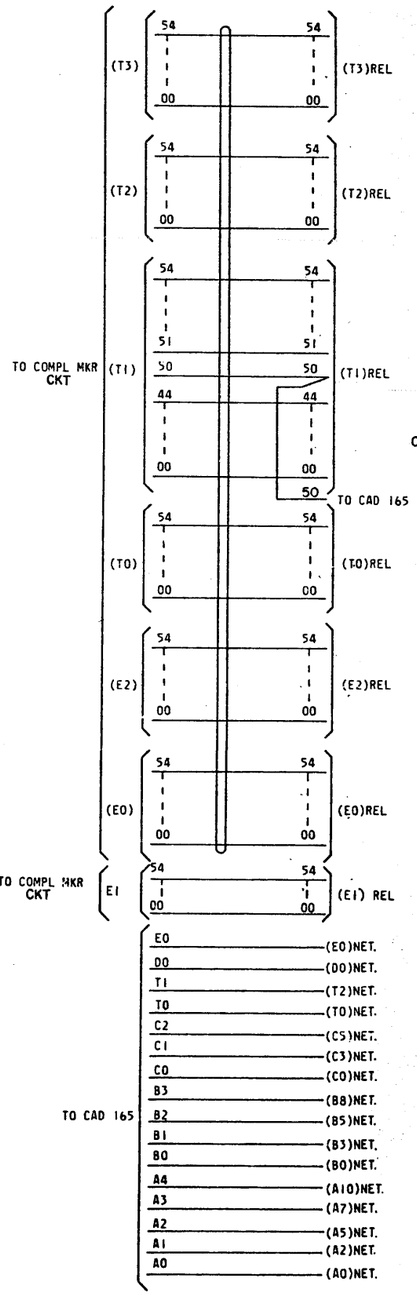
SD-25805-01-6111

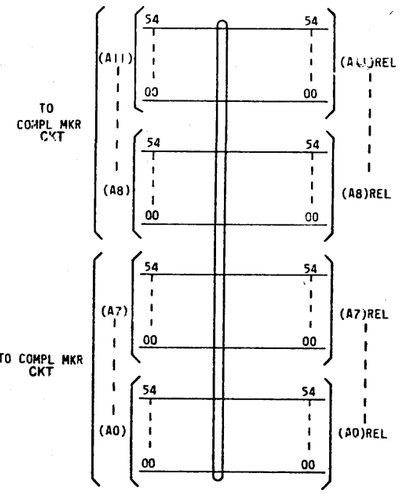
CAD 168

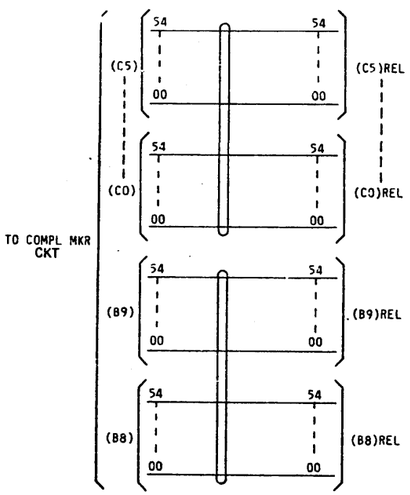
SWBD CA FROM 2SMTC FR TO COMPL MKR, FIG.150, 163 AND 164 CONTACT SIDE. ONE PER COMPL MKR (FOR LEAD DESIGNATIONS SEE TABLE 2A)







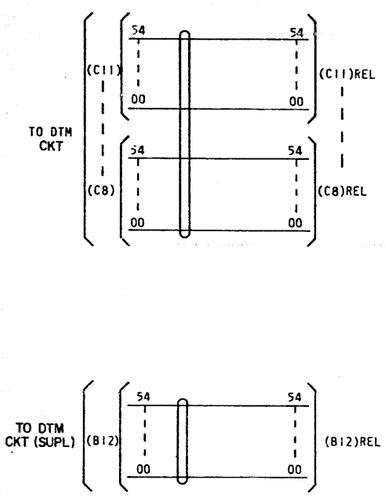


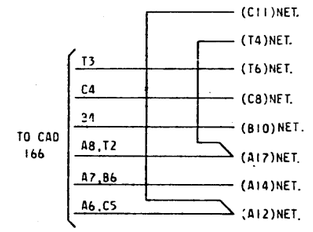


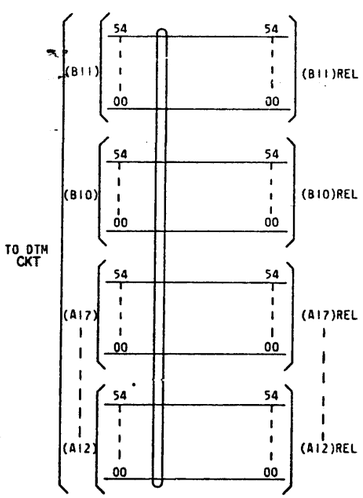
NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

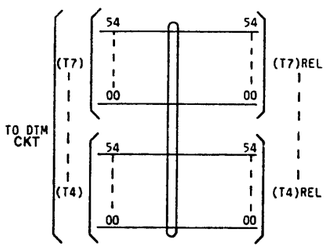
CAD 169

FOR FIG.151 ON 2SMTC FR CONTACT SIDE (SEE TABLE 3A FOR LEAD DESIGNATIONS)









DRAWING ISSUE
70D
73D

ISSUE
77D

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

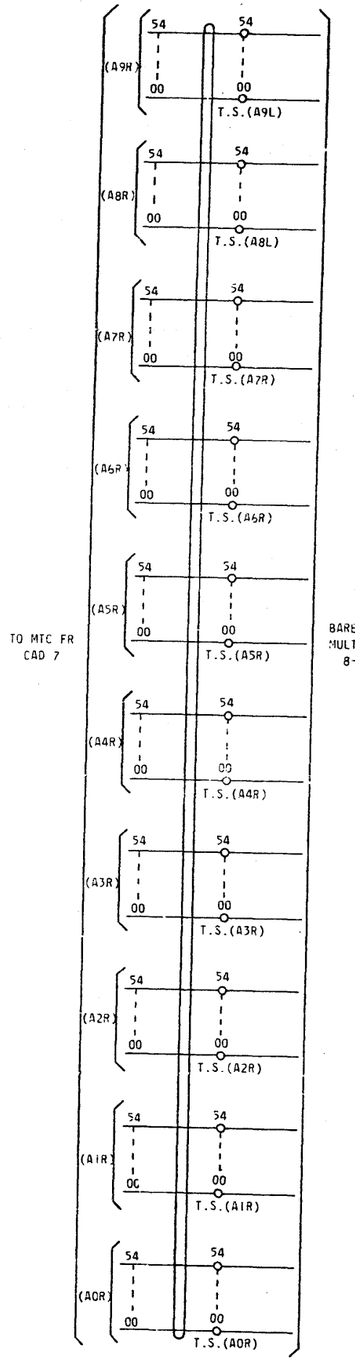
SD-25805-01-G112

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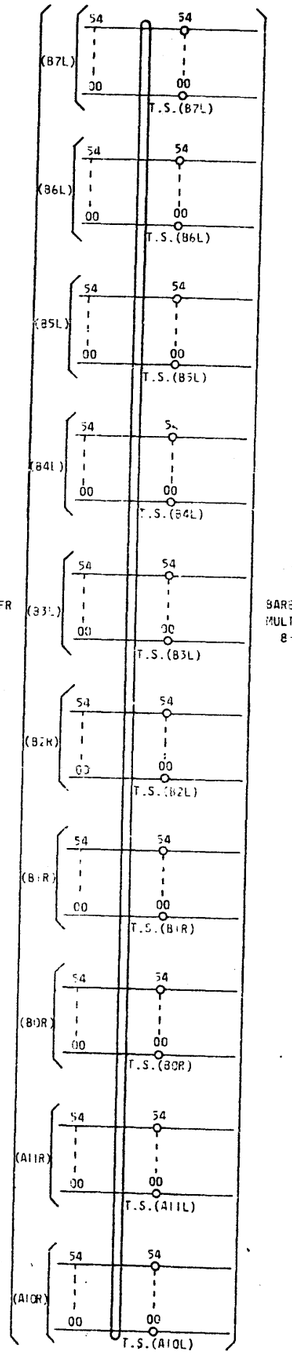
CAD 170

FOR FIG. 150, 163 & 164
ON 2SMTC FR
STRAP WIRE SIDE



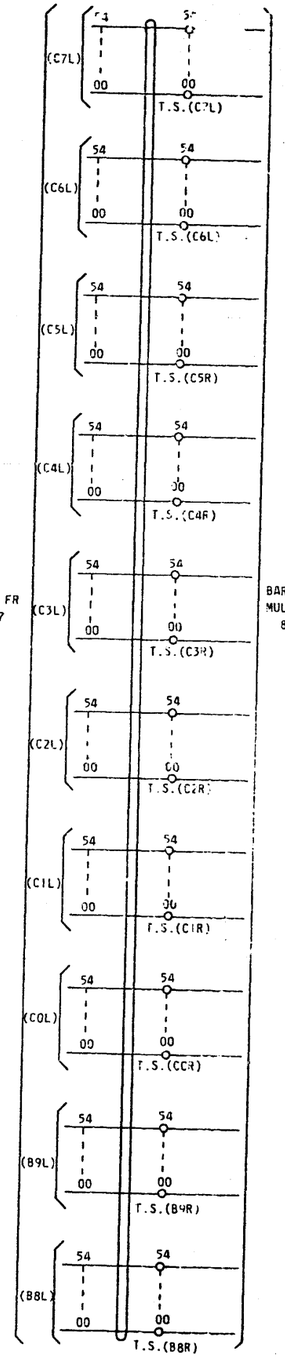
TO MTC FR CAD 7

BAREWIRE MULT REL 8-11



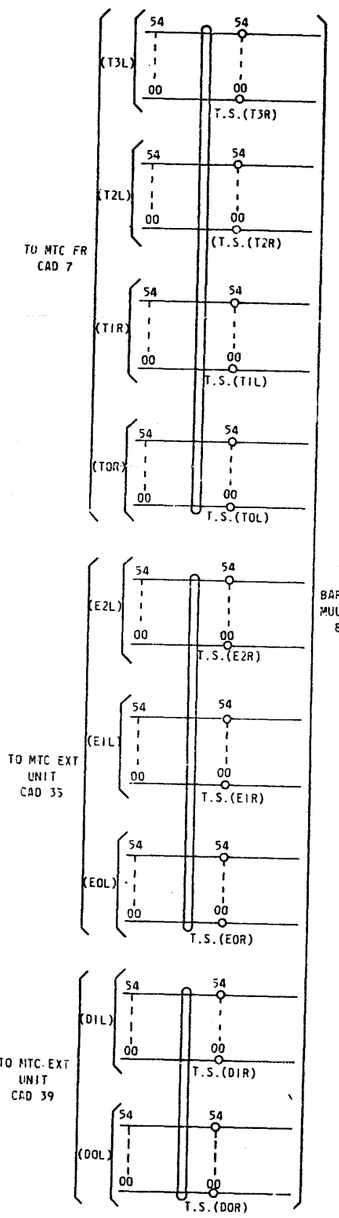
TO MTC FR CAD 7

BAREWIRE MULT REL 8-11



TO MTC FR CAD 7

BAREWIRE MULT REL 8-11



TO MTC FR CAD 7

BAREWIRE MULT REL 8-11

TO MTC EXT UNIT CAD 33

TO MTC EXT UNIT CAD 39

NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE 61A.

DRAWING ISSUE 70D

70

MASTER TEST FRAME CONNECTOR CIRCUIT (2)

SD-25805-01-6113

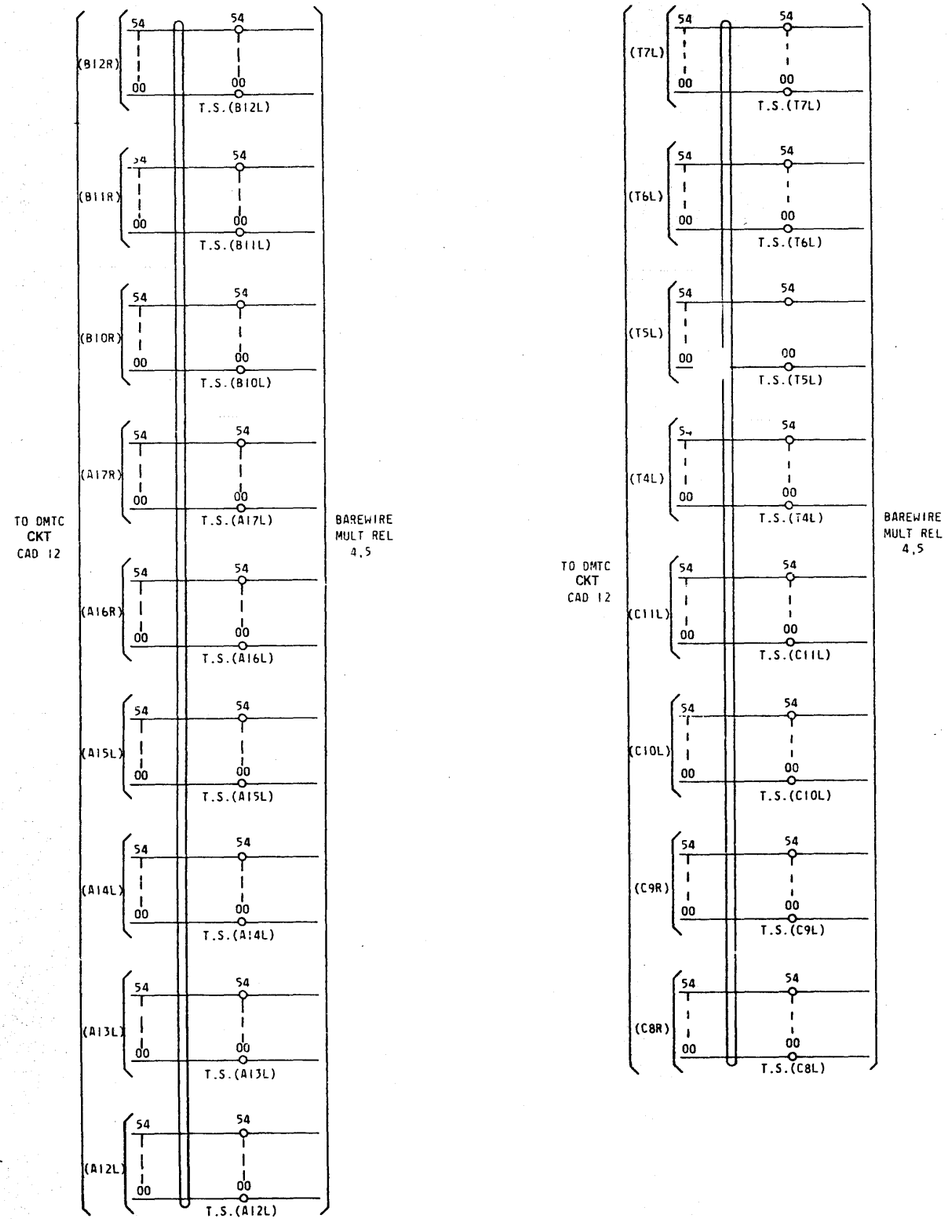
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-6113

CAD 171

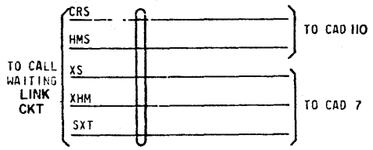
FOR FIG 151 STRAP WIRE
SIDE ON 2SMTC FR



NOTES:
1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

CAD 172

SWBD CA CALL WAITING LINK FR



CAD 173

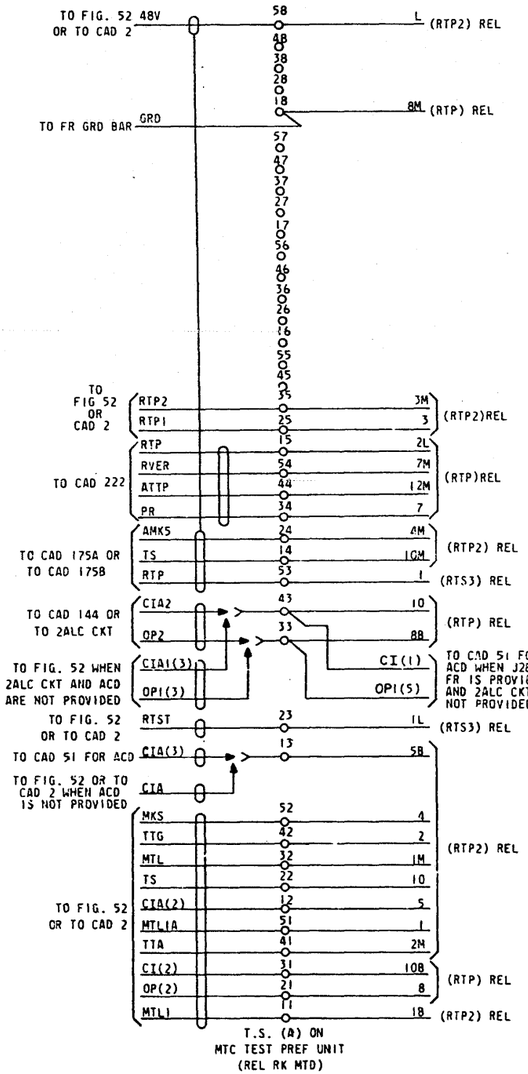
SWBD CA FROM MTC TO LINE VERIFICATION UNIT



CAD 174

OV

FOR FIG. 194,195
MTC ROT PREF UNIT



DRAWING ISSUE
700
72A
730
74D

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT (2)
SD-25805-01-G114
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65

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

TO REMOTE OFFICE TEST LINE CKT

F7	F7	FIG.59 TS(B2) OR CAD 109 TS(B5)
F0	F0	
E7	E7	FIG.59 TS(B2) OR CAD 109 TS(B4)
E0	E0	
DIS1	DIS1	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)
D0	D0	
CU7	CU7	FIG.59 TS(C1) CAD 109 TS(C2)
CU0	CU0	
CTA7	CTA7	CAD 7 TS(T3L)
CTA4	CTA4	
CTA2	CTA2	FIG.59 TS(T1) OR CAD 7 TS(T2L)
CTA0	CTA0	
CSG2	CSG2	FIG.59 TS(T1) OR CAD 12 TS(T6L)
CSG1	CSG1	
CRU7	CRU7	FIG.59 TS(B1) OR CAD 109 TS(B3)
CRU0	CRU0	
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)
C0	C0	
BT	BT	FIG.59 TS(B3) OR CAD 109 TS(B6)
B7	B7	FIG.59 TS(B2) OR CAD 109 TS(B5)
B0	B0	
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)
A0	A0	
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)
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(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)
HG0	HG0	
GPA	GPA	FIG.59 TS(C3) OR CAD 109 TS(C7)
G7	G7	FIG.59 TS(B2) OR CAD 109 TS(B4)
G0	G0	
FVD	FVD	FIG.59 TS(B3) OR CAD 109 TS(B7)
FU7	FU7	FIG.59 TS(B0) OR CAD 109 TS(B0)
FU0	FU0	
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)
FT0	FT0	
FCK	FCK	FIG.59 TS(C0) OR CAD 109 TS(C0)

TO REMOTE OFFICE TEST LINE CKT

I1	I1	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)
VG0	VG0	
VF4	VF4	FIG.59 TS(B0) OR CAD 109 TS(B1)
VF0	VF0	
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 111
TST	TST	FIG.54 TS(D) OR CAD 3 TS(C)
FG1	FG1	FIG.59 TS(B0) OR CAD 109 TS(C)
FG0	FG0	
TF7	TF7	FIG.59 TS(B0) OR CAD 109 TS(C)
TF0	TF0	

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)

DRAWING ISSUE 730 74A

ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2)

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CAD 175B

F7	F7	FIG. 59 TS(B2)OR CAD 109 TS (B5)
F0	F0	
E7	E7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
E0	E0	
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)
D0	D0	
CU7	CU7	FIG. 59 TS(C1)OR CAD 109 TS(C2)
CU0	CU0	
CTA7	CTA7	CAD 7 TS(T3L)
CTA4	CTA4	
CTA2	CTA2	FIG. 59 TS(T1)OR CAD 7 TS(T2L)
CTA0	CTA0	
CSG2	CSG2	FIG. 59 TS(T1) OR CAD 12 TS (T6L)
CSG1	CSG1	
CRU7	CRU7	FIG. 59 TS(B1)OR CAD 109 TS(B3)
CRU0	CRU0	
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)
C0	C0	
BT	BT	FIG. 59 TS(B3)OR CAD 109 TS(B6)
B7	B7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
B0	B0	
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)
A0	A0	
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 (32)
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(T1R)
MT9K	MT9K	FIG. 59 TS(T1)OR CAD 7 TS(T3L)
MT8K	MT8K	
MT5	MT5	
4W	4W	CAD 39 TS(D0R)
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)
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)
LTI	LTI	
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)
HG0	HG0	
GPA	GPA	FIG. 59 TS(C3)OR CAD 109 TS(C7)
G7	G7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
G0	G0	
FVD	FVD	FIG. 59 TS(B3)OR CAD 109 TS(B7)
FU7	FU7	FIG. 59 TS(B0)OR CAD 109 TS(B0)
FU0	FU0	
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)
FT0	FT0	
FCK	FCK	FIG. 59 TS(C0)OR CAD 109 TS(C0)
TAN	TAN	FIG. 59 TS(B1)OR CAD 109 TS(B3)
TBUA	TBUA	CAD 35 TS(EIR)
HMS1	HMS1	FIG 59 TS (B0) OR CAD 7 TS(B1)
OTT	OTT	FIG 59 TS(C0) OR CAD 7 TS(C1L)
RVI	RVI	FIG 59 TS (A2) OR CAD 7 TS (A5L)

TO REMOTE OFFICE TEST LINE REGISTER CKT

MAKI	MAKI	FIG. 59 TS(C1)OR CAD 7 TS(C2R)
2W	2W	CAD 109 TS(D0
2DT	2DT	FIG. 59 TS(B1)OR CAD 109 TS(B3)
XII	XII	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)
VG0	VG0	
VF4	VF4	FIG. 59 TS(B0)OR CAD 109 TS(B1)
VF0	VF0	
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(T0)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(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)
TT	TT	FIG. 59 TS(B3)OR CAD 7 TS(B7R)
CUT7	CUT7	TO FIG. 59 TS (T1) OR CAD 7 TS(T3)
CUT0	CUT0	
CTT7	CTT7	
CTT0	CTT0	

TO REMOTE OFFICE TEST LINE REGISTER CKT

TST	TST	FIG. 54 TS(D)OR CAD 3 TS(C)
FG1	FG1	FIG. 59 TS(B0)OR CAD 109 TS(C)
FG0	FG0	
TF7	TF7	
TF0	TF0	
RA	RA	FIG. 59 TS(C1)OR CAD 7 TS(C2L)
DNG0	DNG0	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)
TBU0	TBU0	
TBT9	TBT9	FIG. 59 TS(A4)OR CAD 35 TS(E1R)
TBT0	TBT0	
J7	J7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
J0	J0	
K7	K7	FIG. 59 TS(B2)OR CAD 109 TS(B5)
K0	K0	
L7	L7	FIG. 59 TS(B2)OR CAD 109 TS(B4)
THT1	THT1	FIG. 59 TS(B3)OR CAD 109 TS(B6)
THT0	THT0	
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)
HT0	HT0	
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(E0R)

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(G0)OR FIG. 59 TS(B5)OR CAD 7 TS(T2L)
THT3	THT3	
TT7	TT7	FIG. 59 TS(B3)OR CAD 109 TS(B7)
TT0	TT0	
UT7	UT7	
UT0	UT0	
RS1	RS1	FIG. 59 TS(C2)OR CAD 109 TS(C4)
RSO	RSO	
RSK	RSK	
RCT1C	RCT1C	
TMK	TMK	FIG. 59 TS(C2)OR CAD 109 TS(C4)
TMK1	TMK1	
TP1	TP1	FIG. 59 TS(C0)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)
H0	H0	
SRT1	SRT1	FIG. 59 TS(TO)OR CAD 7 TS(T1R)
S9	S9	
S0	S0	
NDT	NDT	TO FIG. 59 TS (C0) OR CAD 109 TS (C1)

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-6116

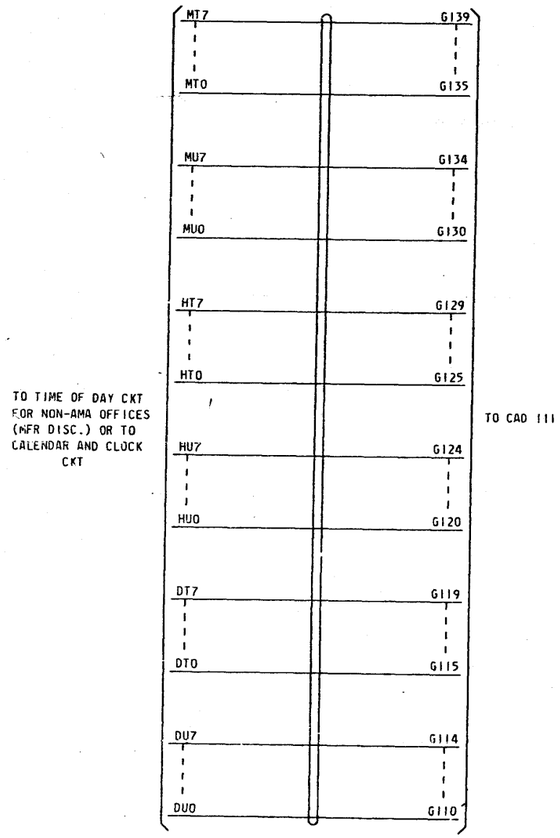
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-6116

CAD 176

SWBD CA FROM MTFC CKT TO TIME OF DAY CKT FOR NON-AMA OFFICES (MFR DISC.) OR TO CALENDAR AND CLOCK CKT

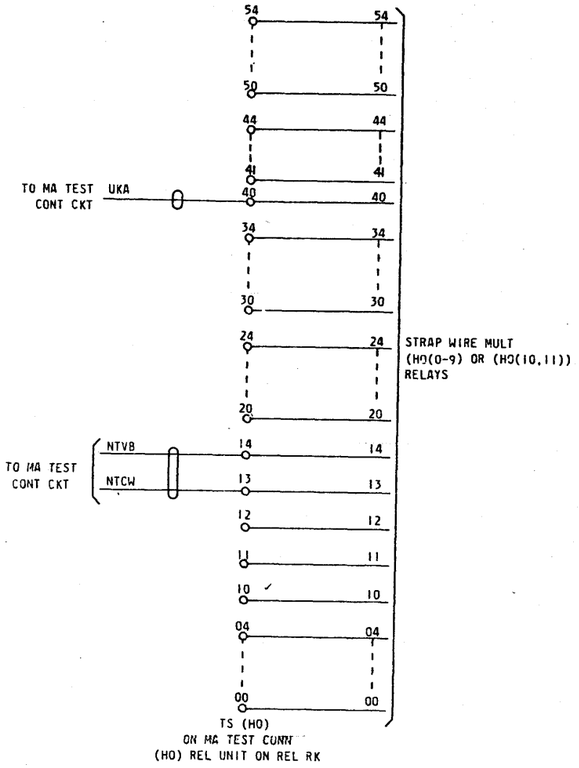


TO TIME OF DAY CKT FOR NON-AMA OFFICES (MFR DISC.) OR TO CALENDAR AND CLOCK CKT

TO CAD 111

CAD 177

(FOR APP FIG. 198)
1 PER CONNECTOR



TO MA TEST CONT CKT — UKA

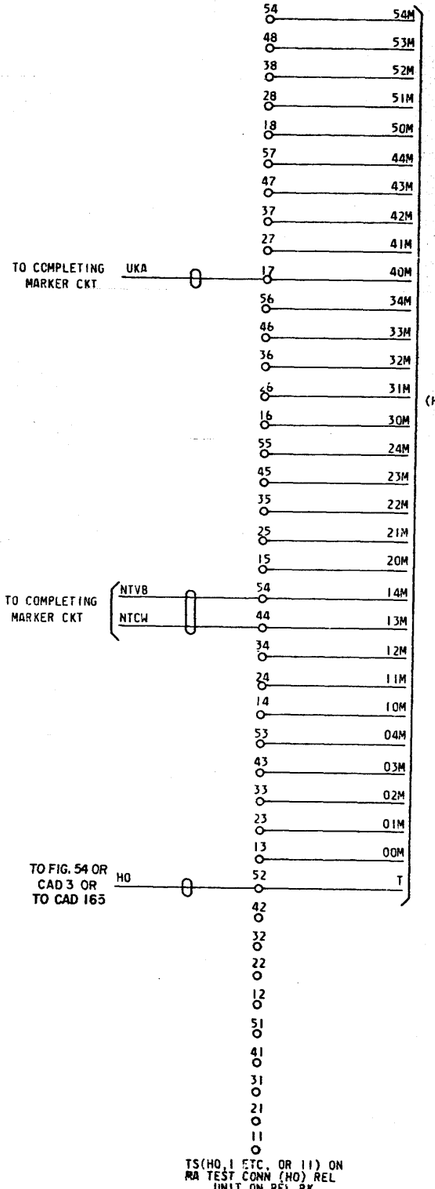
TO MA TEST CONT CKT — NTVB, NTCW

STRAP WIRE MULT (HO(0-9) OR (HO(10,11)) RELAYS

TS (HO) ON MA TEST CONN (HO) REL UNIT ON REL RK

CAD 178

(FOR APP FIG. 198)
1 PER COMPLETING MARKER



TO COMPLETING MARKER CKT — UKA

TO COMPLETING MARKER CKT — NTVB, NTCW

(HO-) REL

TO FIG. 54 OR CAD 3 OR TO CAD 165 — HO

TS(HO,1 ETC. OR 11) ON MA TEST CONN (HO) REL UNIT ON REL RK

TO SUCCEEDING FIG. 198

TO PRECEDING FIG.198 OR TO PRTO FR OR TO FR FUSE PANEL — -48V(H)

(HO) NET.

ISSUE 88A

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-6117

BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-6117

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 JC0 — TO FIG. 59 TS (A0) OR CAD 7 TS(A0L)

HTK1 FTK1 FML — TO FIG. 59 TS (A0) OR CAD 7 TS(A1L)

TS4 TS0 — 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 CH0 SQA P4 P0 — TO FIG. 59 TS (A1) OR CAD 7 TS(A2L)

SQ1 — TO FIG.59 TS (A5) OR CAD 7 TS (C1R) OR CAD 109 TS (V13)

TO ACD TEST CONN CKT

XHG XJS — TO FIG. 59 TS (A3) OR CAD 7 TS(A7L)

JXPA TA — TO FIG. 59 TS (A4) OR CAD 7 TS(A9L)

TA — TO FIG. 59 TS (A5) OR CAD 7 TS(A11L)

FS4 FS0 — TO FIG. 59 TS (B0) OR CAD 7 TS(B0L)

HMS1 FBK FAK — TO FIG. 59 TS (B0) OR CAD 7 TS (B1L)

CK5 CK1 CL5 CL1 — T[illegible] G. 59 TS [illegible] OR CAD 7 TS(B2L)

CKG JG4 JG0 — 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)

DCT1 TK XLH — TO FIG. 59 TS (A2) OR CAD 7 TS(A4L)

TB4 TB0 TG4 TG0 JXP1 VTK1 TB5 — TO FIG. 59 TS (A2) OR CAD 7 TS(A5L)

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 — TO CAD 51

SNR — TO FIG. 59 TS (B3) OR CAD 7 TS (B6R)

FCK — TO CAD 109 OR TO FIG. 59,TS (C3),OR CAD 7 TS(B8R)

DTK VGT4 VGT0 HGT4 HGT0 HGK STP1 — TO FIG. 59 TS (C0) OR CAD 7 TS(C0R)

OTT LCK VFT4 VFT0 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 XTS1 XTG1 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 — TO FIG.59 TS (A2) OR CAD 7 TS (A5L)

LC9 LC0 RT3 RT0 — TO FIG. 60 OR CAD 111

RTE2 RTE0 RTE4 — TO FIG. 59 TS (C0) OR CAD 109

RM1 — 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 TP0 FTCK DCT — TO FIG. 59 TS (C2) OR CAD 7 TS(C4R)

MRL TSE TM DIS1 — TO FIG. 59 TS (C2) OR CAD 7 TS(C5R)

RR AVG TIR — TO FIG. 59 TS (C3) OR CAD 7 TS(C6R) / TO FIG. 59 TS (C3) OR CAD 7 TS(C7R)

STRA TRS1 TRST — TO CAD 51

TO ACD TST CONN CKT

MLF — TO FIG. 59 TS(C1) OR CAD 111

ACD0 — 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 TTG0 — TO FIG.59,TS(C3);OR CAD 179,TS(A-E0);OR CAD 111, TS(C-W8) / 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 FUT0 — 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 CN0 RA4 RA0 FR2 FR0 DR5 DR0 — TO FIG. 60 OR CAD 111

LK — TO FIG. 59 TS (A2) OR CAD 7 TS(A5L)

ISSUE 90B.

MASTER TEST FRAME CONNECTOR CKT

(2) SD-25805-01-GII8

BELL TELEPHONE LABORATORIES INCORPORATED

SIZE 6S

PRINTED IN U.S.A.

SD-25805-01-GII8

K&E 8-7461 10-711

PART OF CAD 179

SWBD CA FROM MTC TO ACD TEST CONN FR

RK3 — RK1 — TO FIG. 59,TS(A1) OR TO CAD 7, TS (A2L)

PS — TO FIG. 59, TS(B2) OR TO CAD 7, TS(B5R)

PRR — TO FIG. 59, TS(C0) OR TO CAD 7, TS(C1R)

PK — TO FIG. 59, TS(B2) OR TO CAD 7, TS(B5R)

LLCK — TO FIG. 60 OR TO CAD 111, TS(E)

LL7 — LLO — TO FIG. 59, TS(A1) OR TO CAD 7, TS(A2L)

ITR — TO FIG. 59, TS(A4) OR TO CAD 7, TS(A8L)

HG'7 — HG'0 — TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)

GTL — TO FIG. 59, TS(A1) OR TO CAD 7, TS(A3L)

FU'7 — FU'0 — TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)

TO TEST CONN CKT FOR ACD

DRT — TO FIG. 59, TS(A1) OR TO CAD 7, TS(A2L)

DRC — TO FIG. 60 OR CAD 111, TS(E),OR TO CAD 7,TS(C6R)

CU7 — CU0 — TO FIG. 59, TS(C1) OR TO CAD 7, TS(C2R)

CT2 — CT1 — CT0 — TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)

TO FIG. 59, TS(A0) OR TO CAD 7, TS(A1L)

CN-RG3 — CN-RGO — TO FIG. 60 OR TO CAD 111, TS(E)

CD7 — CD0 — TO FIG. 59, TS(B0) OR TO CAD 39, TS(DOR)

A7 — A0 — TO FIG. 59, TS(B2) OR TO CAD 7, TS(B4R)

TO TEST CONN CKT FOR ACD

XTB1 — TO FIG. 59, TS(A3) OR TO CAD 7, TS(A6L)

XRL — TO FIG. 59, TS(A3) OR TO CAD 7, TS(A7L)

XMRL — XLO — TO FIG. 59, TS(A3) OR TO CAD 7, TS(A6L) OR TO CAD 109, TS(B1)

XI — TO FIG. 59, TS(A3) OR TO CAD 7, TS(A7L)

XCS — TO FIG. 59, TS(A3) OR TO CAD 7, TS(A6L)

VGT11 — VGT10 — TO FIG. 59, TS(C0) OR TO CAD 7, TS(C0R)

VGT9 — VGT5 — TO FIG. 59, TS(C0) OR TO CAD 7, TS(C1R)

VG'10 — TO FIG. 59, TS(A0) OR TO CAD 7, TS(A1L)

VG'7 — VG'0 — TO FIG. 59, TS(A0) OR TO CAD 7, TS(A0L)

VF'4 — VF'0 — TO FIG. 59, TS(A0) OR TO CAD 7, TS(A1L)

TG19 — TG15 — TO FIG. 59, TS(A2) OR TO CAD 7, TS(A5L)

TG14 — TG10 — TO FIG. 59, TS(A2) OR TO CAD 7, TS(A4L)

TG9 — TG5 — TO FIG. 59, TS(A2) OR TO CAD 7, TS(A5L)

TB7 — TB6 — TO FIG. 60 OR TO CAD 39, TS(DOR)

SDG — TO FIG. 59, TS(B3) OR TO CAD 111, TS(E)

SCB — TO FIG. 59, TS(C2) OR TO CAD 7, TS(C5R)

RL — TO FIG. 59, TS(A2) OR TO CAD 7, TS(A5L)

TSQ7 — TSQ4 — TSQ2 — TSQ1 — TSQ0 — TO FIG. 59,TS(C3) OR TO CAD 111

ANC — TO FIG. 59, TS (B2), OR TO CAD 111

TSA — TO FIG. 59, TS (B1) OR TO CAD 111

CAD 180

(FOR AP .S. 163,164)
MARKERS 8 .1, TABLE 1B SEE CAD 36 & 3b FOR CONTACT SIDE

TO CAD 39

54 — 00 — TS (D1) ON EXT UNIT — STRAP WIRE MULT (D1,2-11) RELAYS

54 — 00 — TS (D0) ON EXT UNIT — STRAP WIRE MULT (D0,8-11) RELAYS

TO CAD 35

54 — 00 — TS (E1) ON EXT UNIT — STRAP WIRE MULT (E1,8-11) RELAYS

54 — 00 — TS (E0) ON EXT UNIT — STRAP WIRE MULT (E0,8-11) RELAYS

CAD 181

SWBD CA FROM THE MTC TO THE ROTL TRUNK MAKE-BUSY CKT

TO ROTL TRUNK MAKE-BUSY CKT

TB9 — TO FIG. 59, TS(C2) OR TO CAD 35, TS(DOR)

TB8

TB7 — TO FIG. 59, TS(A3) OR TO CAD 35, TS(DOR)

TB6

TB5 — TO FIG. 59, TS(A2) OR TO CAD 109, TS(A5)

TB4

TB0 — TO FIG. 59, TS(A2) OR TO CAD 109, TS(A4)

TSK — TO FIG. 59, TS(T0) OR TO CAD 7, TS(T1R)

ISSUE 96B

MASTER TEST FRAME CONNECTON CKT — 2 — SD-25805-01-6119

BELL TELEPHONE LABORATORIES

CAD 182

SWBD CA FROM THE MTC TO THE TRUNK TEST CKT

TO MASTER TEST FRAME TRUNK TEST CKT

TS19	TS15	TS19	TS15	TS (A3L)
TS14	TS10	TS14	TS10	TS (A2L)
TS9	TS5	TS9	TS5	TS (A3L)
TS4	TS0	TS4	TS0	TS (A2L)
FS29	FS20	FS29	FS20	TS (B8R)
FS19	FS15	FS19	FS15	TS (B1L)
FS14	FS10	FS14	FS10	TS (B0L)
FS9	FS5	FS9	FS5	TS (B1L)
FS4	FS0	FS4	FS0	TS (B0L)

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
RLI	E316
RL	E312
OOL	E321
MU7	G134
MUO	G130
MTTR	E311
MTFT	E318
MT7	G139
MTO	G135
MET	E314
ME	E310
HU7	G124
HUO	G120
HT7	G129
HTO	G125
HDK	E313
EOL	E324
DU7	G114
DUO	G110
DT7	G119
DTO	G115
OCT	E325
CI	E309
3ANT	E326
3AM	E300

TO CAD 192

(NT,LQ) CAD 184

SWBD CA FROM MAMTC TO TRUNK CONTROL CIRCUITS

TO ODD NO. TRUNK CONT CKT FOR MAMA

U7	44
UO	40
T7	34
TO	30
AR7	24
ARO	20
AL7	14
ALO	10
OTO	04

TO CAD 23 (RTO) REL

TO EVEN NO. TRUNK CONT CKT FOR MAMA

U7	44
UO	40
T7	34
TO	30
AR7	24
ARO	20
AL7	14
ALO	10
OTO	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
TCNO	TCNO
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

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 00 54M 00M (W1)
54 00 54M 00M (W0)
54 00 54M 00M (V15)
54 41 54M 41M (V4)
40 00 40M 00M
54 50 54M 50M (V3)
50(TR)
44 00 44M 00M
54 42 54M 42M
41(RLA) 41 41M
40 34 40M 34M
33(TRA) 33 33M (V2)
32 31 32M 31M
31(MC) 30 12 30M 12M
TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT
11(RL) 11 10 11M 10M
04 00 04M 00M
54 20 54M 20M
14 14M (V1)
TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT
14 13 10 13M 10M
04 00 04M 00M
20

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 50 44 40 34 30 24 20 14 10 04 00 54M 50M 44M 40M 34M 30M 24M 20M 14M 10M 04M 00M (V0)

TO CAD 54

54 00 54M 00M (V9)

TO CAD 56

TO TRANSVERTER CKT FOR MAMA

TC1 231 6T (BC) REL
RNA
RNA
VN TO CAD 136
TO TRANSVERTER CKT RNA 230 A230 TO CAD 13
TS (AA) ON AMTC
RUN ONLY IN OFFICE WITH AMA PAPER TAPE RCDR

TO TRANSVERTER CKT FOR MAMA OR TO DISTRIBUTOR AND SCANNER CKT VIA TRANSVERTER CONN CKT

54 00 54M 00M (V8)
54 20 54M 20M (V7)
14 00 14M 00M
54 00 54M 00M (V6)
54 00 54M 00M (V5)

TO CAD 56

TO TRANSVERTER CKT FOR MAMA

TRST
TVTA
TVT3
TVT
TVB
TVA
TRST TO CAD 15
TRB
TM
RCKK
RCI
MB
CI
TVB
TVA
TO CAD 201
TM

TO TRANSVERTER CKT FOR MAMA OR TO PROGRAM CONTROLLED TRANSVERTER CKT

TO TRANSVERTER CKT OR PROGRAM CONTROLLED TRANSVERTER CKT VIA TRANSVERTER CONN CKT

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE G1A.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT

SD-25805-01-G121A

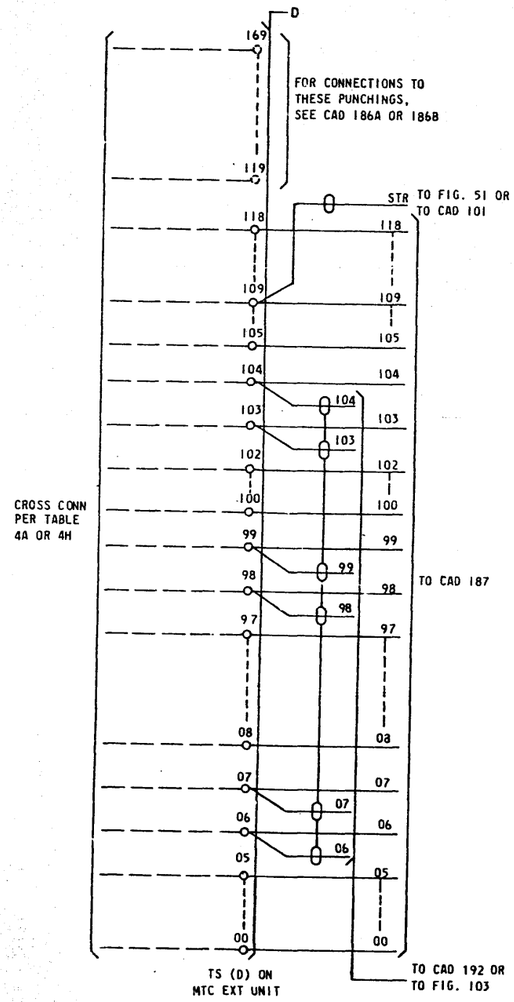
BELL TELEPHONE LABORATORIES INCORPORATED

DATE ISSUED 6S

PRINTED IN U.S.A.

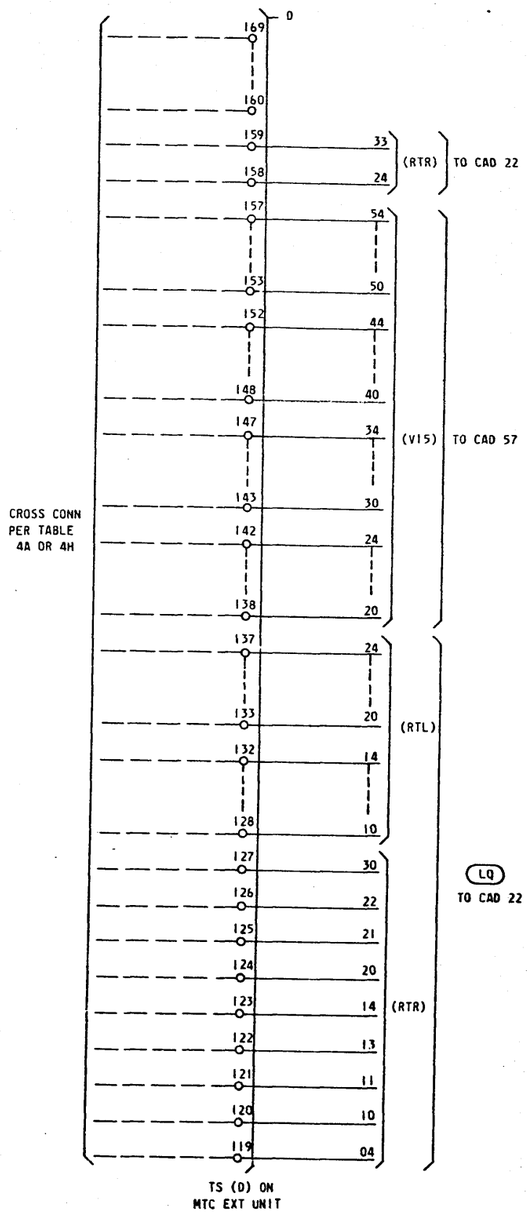
CAD 186

SWBD CABLE FROM MTC EXTENSION UNIT TO THE RECORDER & RECORDER CONTROL CKT FOR MAGNETIC TAPE AMA RECORDING



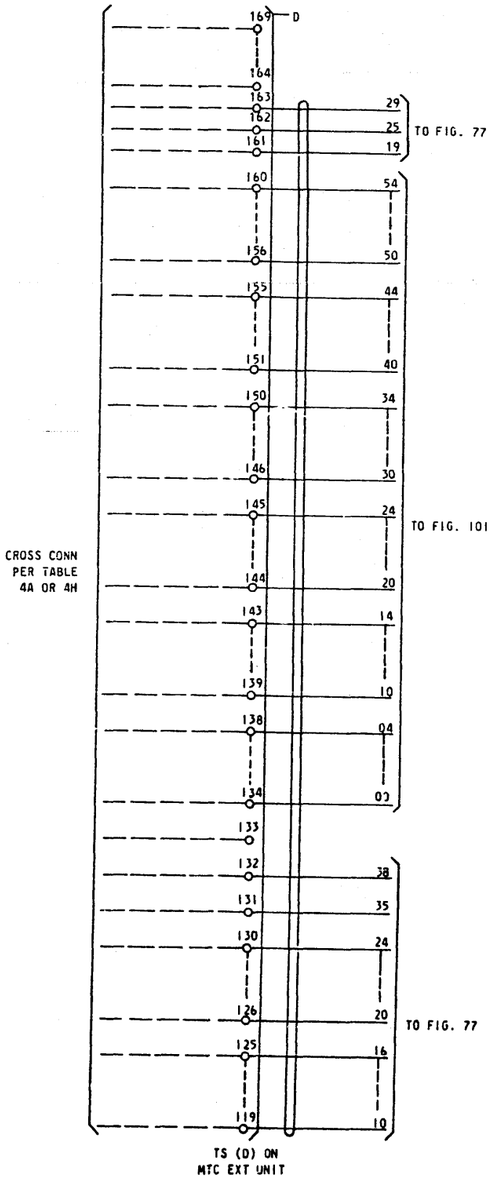
CAD 186A

REQUIRED WHEN MASTER TEST CONNECTOR IS ARRANGED PER TABLE IA OR IE



CAD 186B

REQUIRED WHEN MASTER TEST CONNECTOR IS ARRANGED PER TABLE IB OR IF



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

CKRS	12
CKR7	58
CKR4	59
CKR2	60
CKR1	61
CKR0	62
CKLS	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

GO	75
EX2	76
EX1	77
ETMO	78
ETM	79
ERTO	80
EOR	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
TRBI	103
TRB	104
TRA2	105
TRA	106
SWI	107
SW	108
STR	109
SP	110
SM	111
	112
SI	113
SB	114
SA	115
RS2	116
RS1	117
RLK	63

TO CAD 186

ISSUE 79D

MASTER TEST FRAME CONNECTOR CKT (2)

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BELL TELEPHONE LABORATORIES INCORPORATED

PAGE 65

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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

TBL	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)	TO CAD 15
TVT(2)	TVT(2)	
TVTI	TVTI	
TVTO	TVTO	

TRBI(TV9)	TRBI(9)	TO CAD 14
TRBI(TVO)	TRBI(0)	
TRBI(TC19)	TRBI(19)	
TRBI(TCO)	TRBI(0)	
TRBI(EMG)	TRBI(EMG)	

TO MA TST FR JK, LP & KEY CKT

169 — A

168

167

		A11	TO CAD 192
		A10	
TRBI(MT)	166	4T	(MMT) REL
TRB(SC)	165	1T	(SC) REL
TRBI(BC)	164	9T	(BC) REL

TO LINE VERIF CKT VIA MA TST CONT CKT

TVS(1)	163	A163	TO CAD 15
LTP	162	A162	
TO MA TST CONT CKT			
TVS(1)	161	A161	
TTP	160	A160	

TS (AA)ON AUX MTC

TO MA TST CONT CKT

TSL	41	(V8)
DNK	43	
TOP	54	
LST	20	
L5D	23	(V7)
4DG	22	
4D8	21	
TH9	14	
TH5	10	
TH4	04	
TH0	00	(V6)
OFT	33	
OFF5	30	
OFF4	24	
OFF0	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	TO CAD 57
OFT2	42	
OFTI	41	
OFT0	40	
OFF9	34	
OFF8	33	
OFF7	32	
OFF6	31	
ODT/RNT0	20	(V9)
NSP	43	
CDT7	54	
CDT4	53	
CDT2	52	
CDTI	51	
CDT0	50	

TO MA TST CONT CKT

AD/RNTI	21		TO CAD 55
R3C	24		
R2C	23		
R1C	22		
R3B	30	(V3)	
R2B	24		
R1B	23		
R3A	44	(V1)	
R2A	43		
R1A	42		
CTMB	32	(W1)	

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-G123

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G123

(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
(V0): 54, 50, 44, 40, 34, 30, 24, 20, 14, 10, 04, 00
TO CAD 54

TO DAS CKT VIA TV CONN CKT

TO MAMA TV CKT OR DAS CKT VIA TV CONN CKT

(V9): 54, 00
(V8): 54, 40, 24, 14, 03, 00
(V7): 54, 20, 14, 10, 04, 00
(V6): 54, 00
(V5): 54, 00
(W1): 54, 00
(W0): 54, 00
(V15): 54, 00
(V4): 54, 40, 34, 20, 14, 00
(V3): 54, 50, 44, 00
(V2): 54, 42, 41, 40, 34, 33, 32, 31, 30, 12, 11, 10, 04, 00
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

239, 238, 237, 236, 235, 234, 233, 232, 231, 230 — A

TO CAD 136 RNA (VN)
TO TV CKT(1) RNA

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	
RCI	RCI	
MB	MB	
CI	CI	

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

NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

ISSUE 94A

MASTER TEST FRAME CONNECTOR CKT

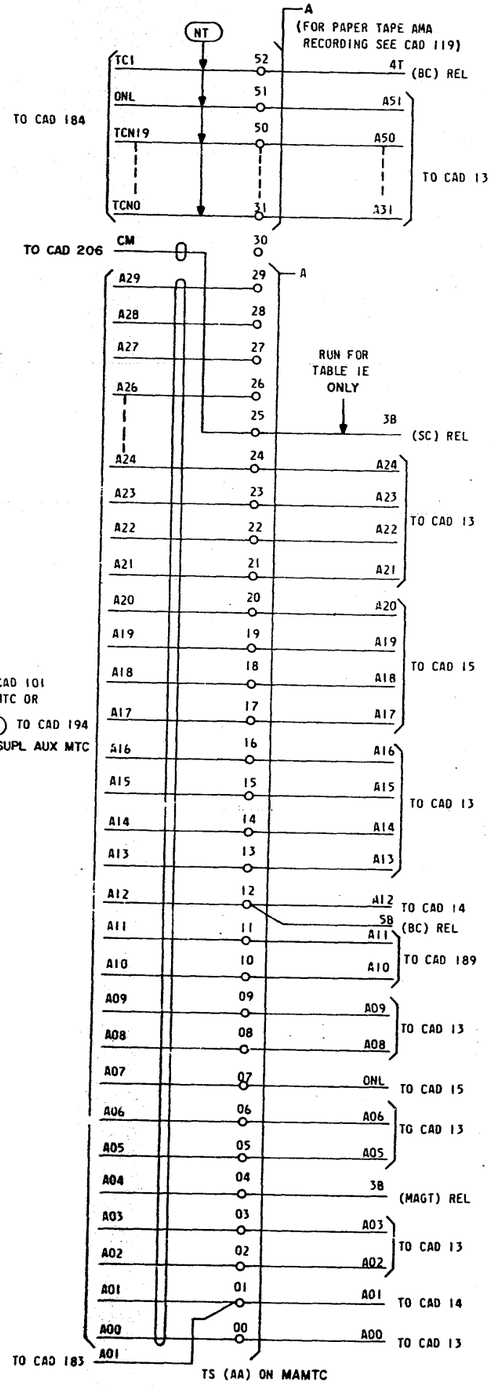
SD-25805-01-6124

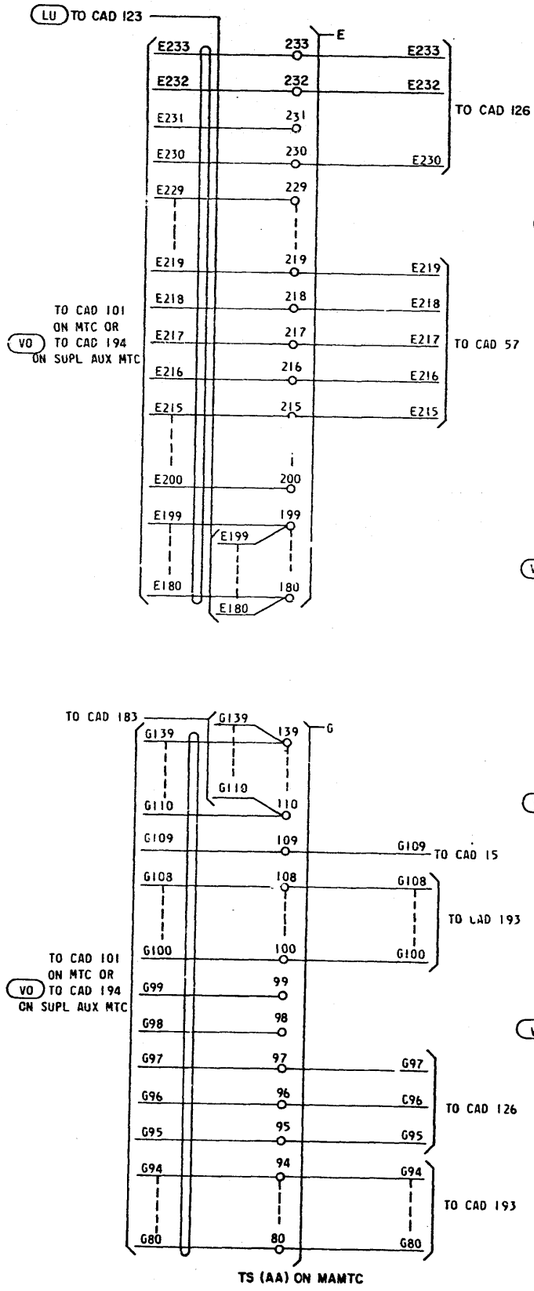
BELL TELEPHONE LABORATORIES INCORPORATED

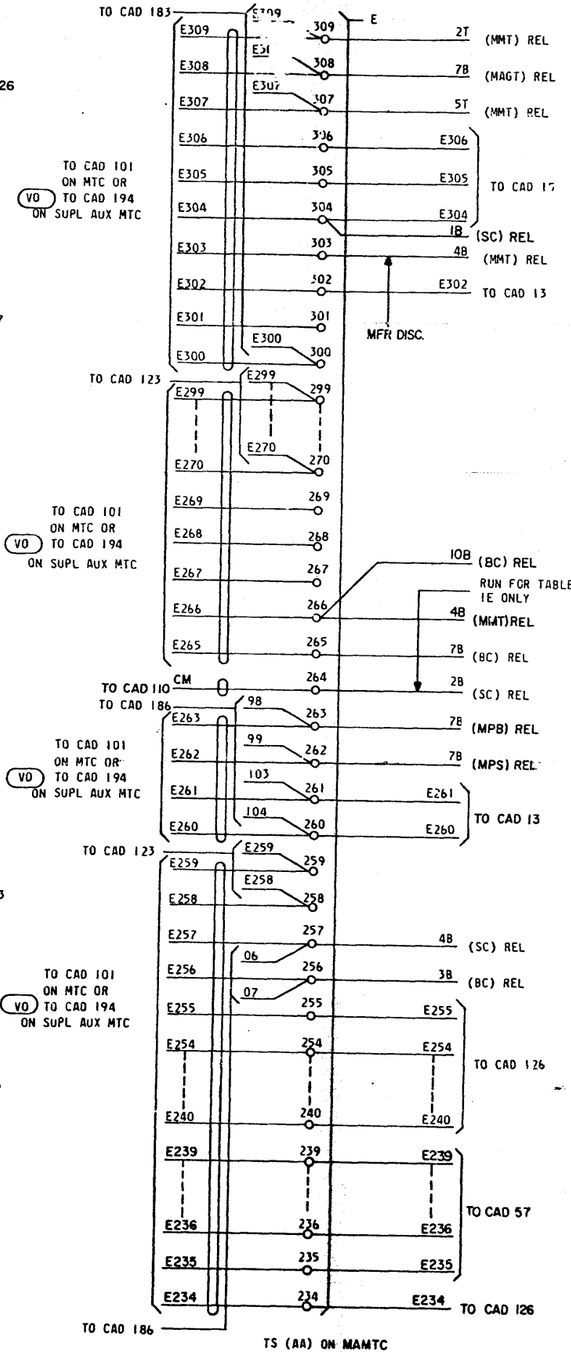
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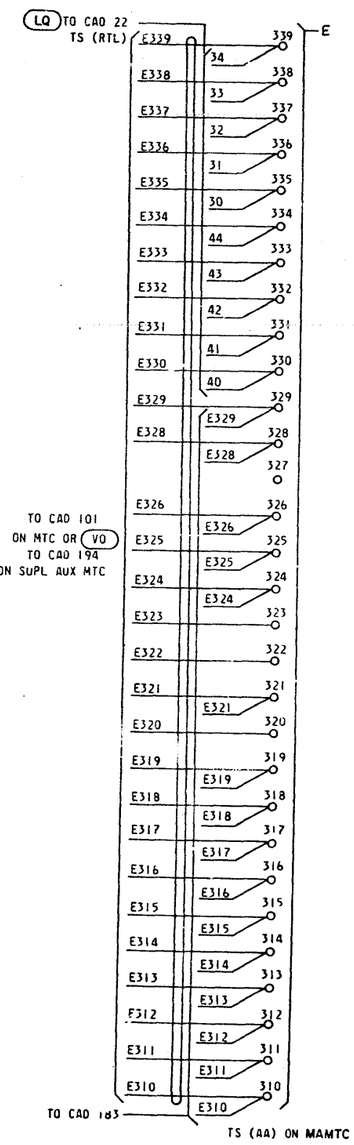
PART OF CAD 192

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.

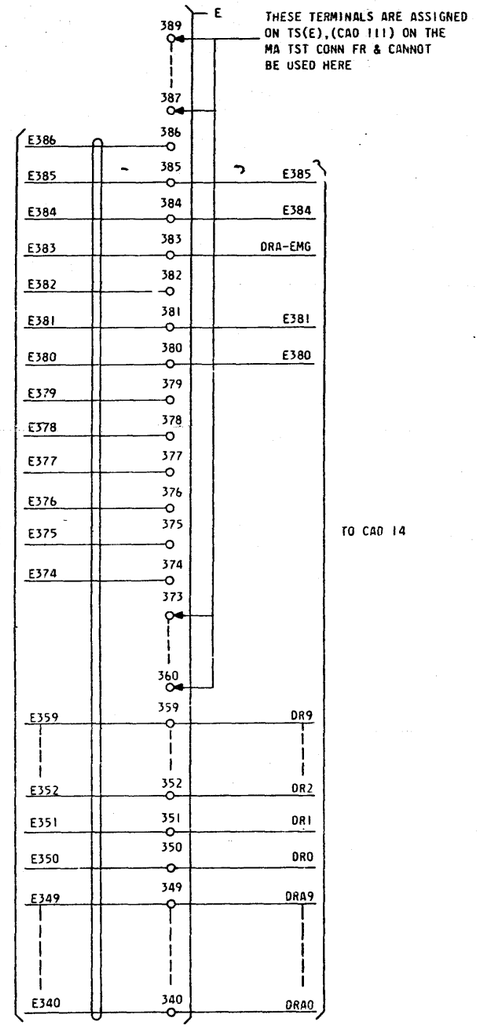
ISSUE 96B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-6125

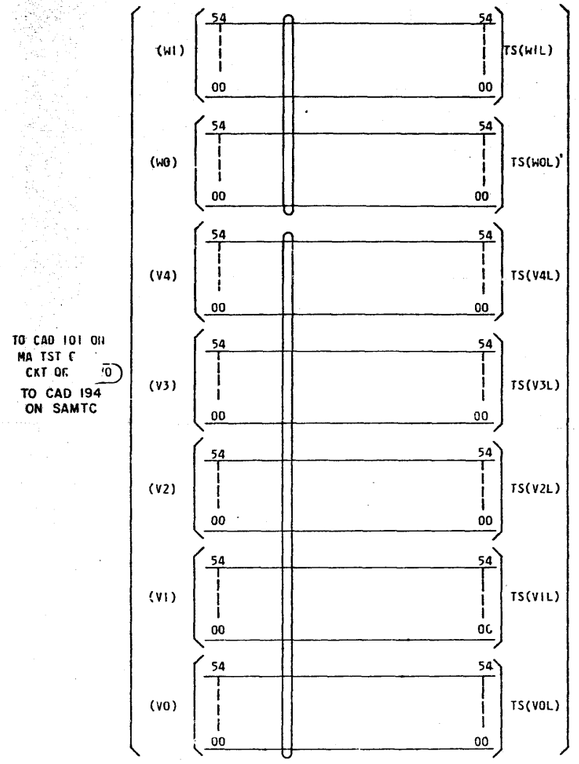
BELL TELEPHONE LABORATORIES INCORPORATED 6S

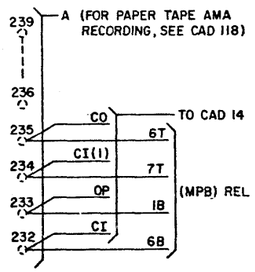
PART OF CAD 192

SWBD CABLE FROM MAMTC TO MASTER TEST CONNECTOR FRAME OR OR SAMTC (V0)

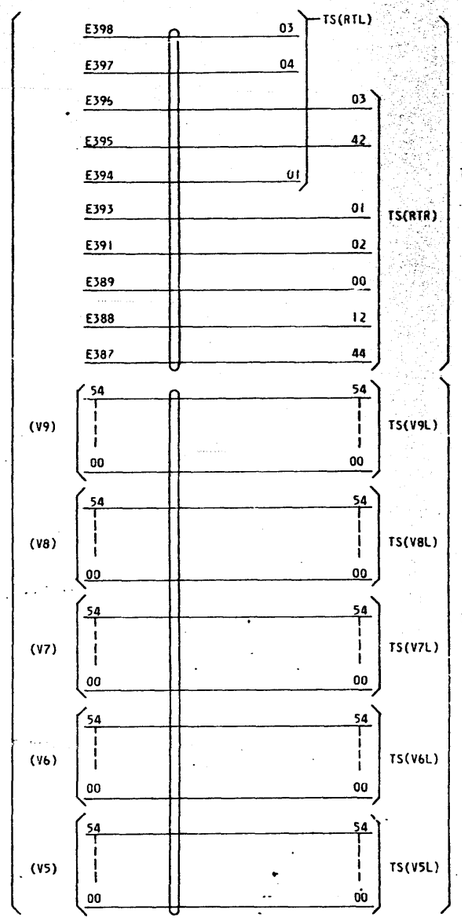


TS (AA) ON AUX MA TST CONN CKT





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

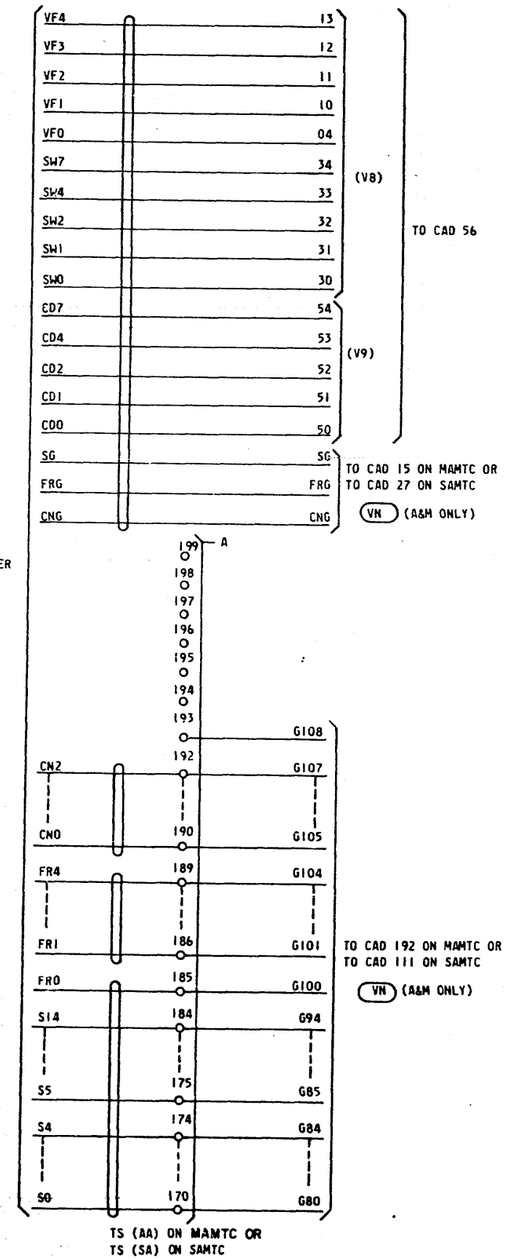
BELL TELEPHONE LABORATORIES INCORPORATED

6S

SD-25805-01-0126

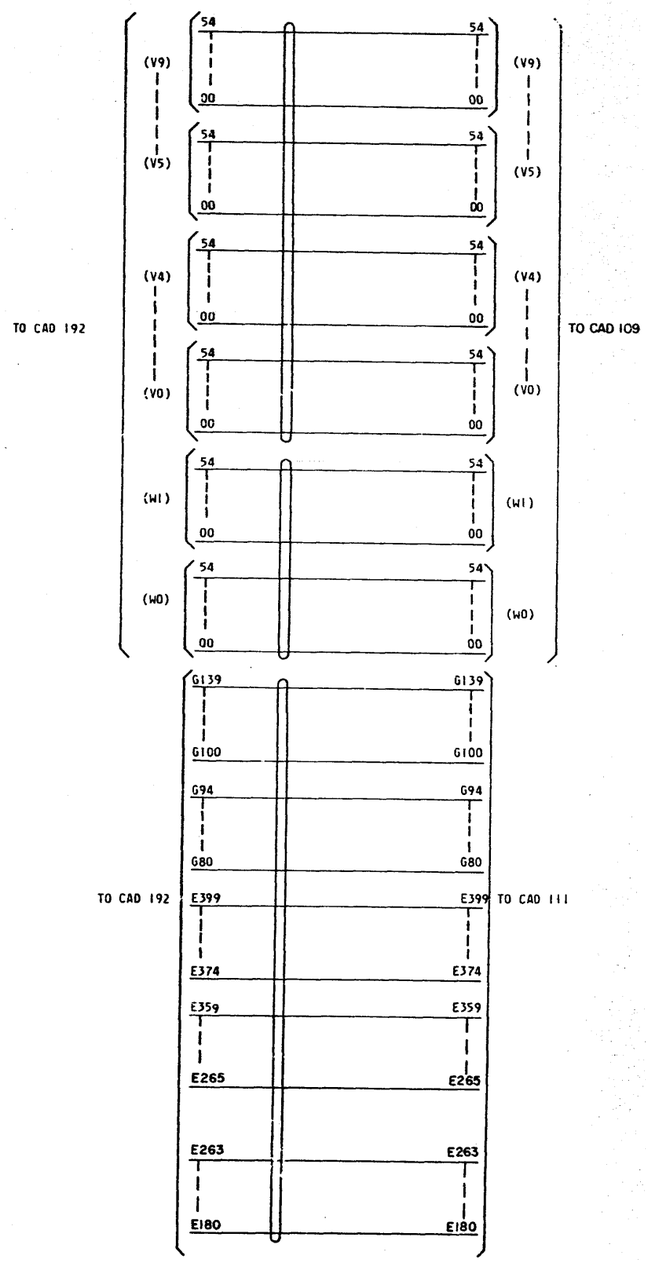
CAD 193

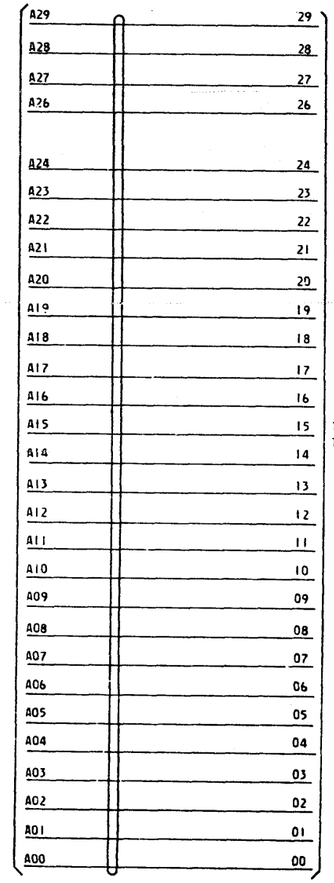
SWBD CABLE FROM MAMTC FR OR SAMTC
(VN) (A&M ONLY) TO TV CONNECTOR FR



(VO) CAD 194 (A&M ONLY)

SWBD CABLE FROM SAMTC TO MAMTC





NOTES:

1. FOR LEGEND OF EQUIPMENT ABBREVIATIONS USED ON CABLING DIAGRAM FIGURES, SEE GIA.

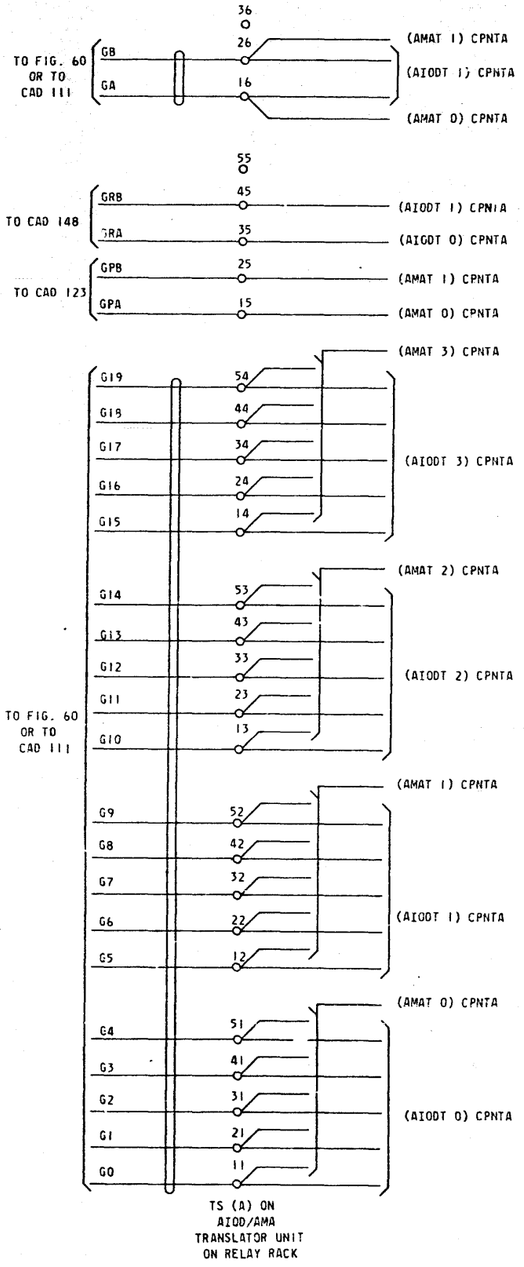
ISSUE 94A

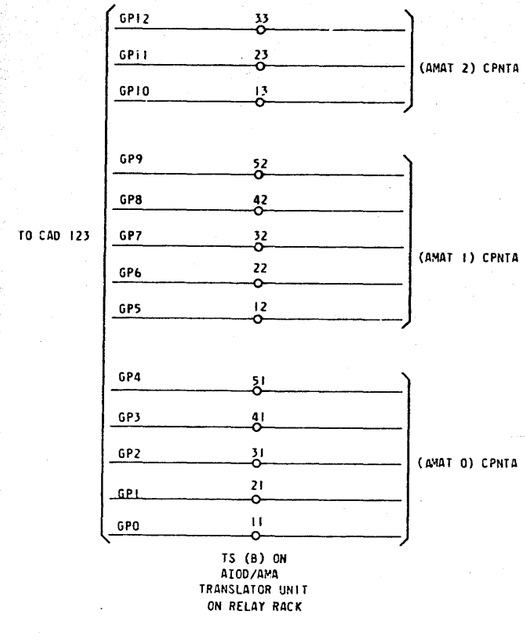
MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-0127

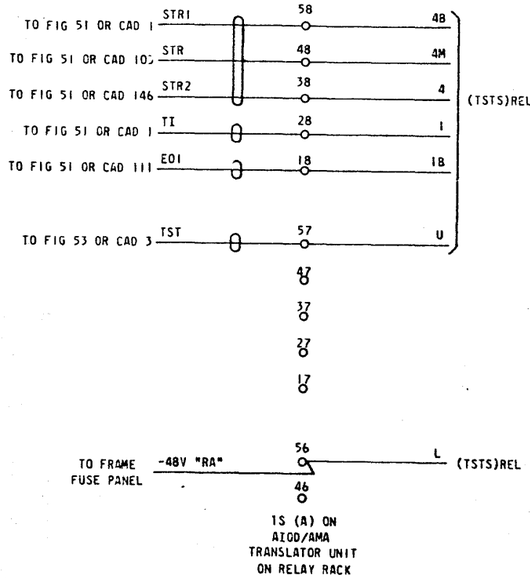
BELL TELEPHONE LABORATORIES INCORPORATED 6S

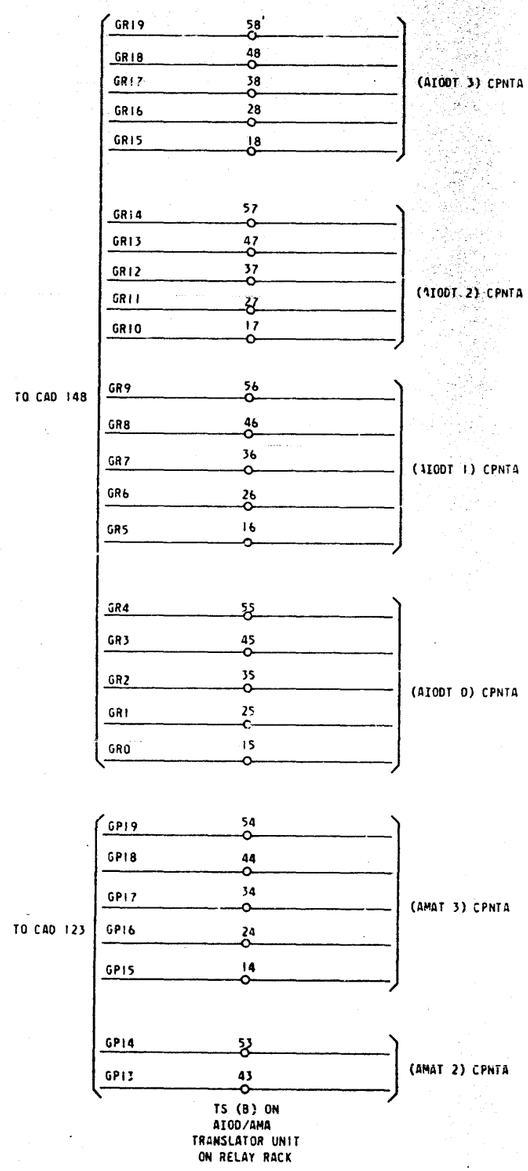
SD-25805-01-0127

CAD 195
(FOR FIG 54 & 64)









ISSUE 98B

MASTER TEST FRAME CONNECTOR CKT (2) SD-25805-01-G128

BELL TELEPHONE LABORATORIES INCORPORATED 6S

SD-25805-01-G128

CAD 197

(SWBD CA FROM MTC TO CLVA OR ETS PDI)

CK — CK
FLG — FLG
HTUK — HTUK
LFK — LFK
TO FIG. 59 OR CAD 7

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
TBT9 — TBT9
TBTO — TBTO
TO FIG 59 CAD 7

TBS3 — TBS3
TBSO — TBSO
TO CAD 109

POTS — POTS

EN — EN
LIN — LIN
PN — PN
PTN — PTN
TN — TN
PTK — PTK
TO ELECTRONIC TRANSLATION SYSTEM POWER AND DATA INTERFACE CKT
TO FIG. 59 OR CAD 7

BLDA — BLDA
BLT — BLT
KM — KM
TO CAD 109

TOG — TOG
NN — NN
TO FIG. 59 OR CAD 7

TO LINE INSULATION TEST CONTROL CKT

FU7 — FU7
FU4 — FU4
FU2 — FU2
FU1 — FU1
FU0 — FU0
FT3 — FT3
FTO — FTO
F7 — F7
F4 — F4
F2 — F2
F1 — F1
F0 — F0
E7 — E7
E4 — E4
E2 — E2
E1 — E1
E0 — E0
TO CAD 109 OF FIG. 60

DNK — DNK — TO CAD 32 OR CAD 109 OR FIG. 60
D7 — D7
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
B0 — B0
A7 — A7
A4 — A4
A2 — A2
A1 — A1
A0 — A0
4DG — 4DG
TO CAD 109 OR FIG. 60

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 — 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 — TO
TO CAD 109 OR FIG. 60

RPT — RPT — TO CAD 32 OR FIG. 60
RNTO — RNTO
RN7 — RN7
RN4 — RN4
OFT2 — OFT2
OFTO — OFTO
OFF9 — OFF9
OFFO — OFFO
OF — OF
NSP — NSP
NOB — NOB
TO CAD 109 OR FIG. 60

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
HGO — HGO
G7 — G7
G4 — G4
G2 — G2
G1 — G1
GO — GO
TO CAD 109 OR FIG. 60

VG10 — VG10
VG7 — VG7
VG4 — VG4
VG2 — VG2
VG1 — VG1
VGO — VGO
VF4 — VF4
VFO — VFO
TO CAD 109 OR FIG. 60

ISSUE 101A

MASTER TEST FRAME CONNECTOR CKT

(2)

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BELL TELEPHONE LABORATORIES INCORPORATED

6S

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CAD 199

SWBD CABLE FROM MASTER TEST FRAME CONNECTOR CKT TO DISTRIBUTOR AND SCANNER CKT

TO DISTRIBUTOR AND SCANNER CKT		TO FIG. 59 OR CAD 7
TF7	TF7	
TF4	TF4	
TF2	TF2	
TFI	TFI	
TFO	TFO	
FG2	FG2	
FGI	FGI	
FGO	FGO	

CAD 200

SWBD CABLE FROM MASTER TEST FRAME CONNECTOR CKT TO BILLING DATA TRANSMITTER CKT

TO BILLING DATA TRANSMITTER CKT		TO FIG. 59 OR CAD 109
CLF	CLF	TO FIG. 60 OR CAD 109
ENCI	ENCI	
ENCO	ENCO	
F7	F7	TO FIG. 59 OR CAD 7
FO	FO	
E7	E7	TO FIG. 59 OR CAD 109
EO	EO	
D7	D7	
DO	DO	
C7	C7	
CO	CO	
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

TO INTERFACE CKT		TO
AL	AL	TO CAD 7
BT	BT	
BY	BY	
CKG	CKG	
GPB	GPB	
GPA	GPA	
OV	OV	
PRCY	PRCY	
RA	RA	
STPI	STPI	
STP2	STP2	
TRL	TRL	
RCY	RCY	
EF	EF	
RF	RF	
SEF	SEF	
HFI	HFI	
HF2	HF2	TO CAD 109
ONI	ONI	TO CAD 1
ON2	ON2	TO CAD 102
RCG	RCG	TO CAD 15
PRB(-)	PRB(-)	TO FIG. 82 OR FIG. 82A
PRA(-)	PRA(-)	
TVB(I)	TVB(I)	TO CAD 30
TVA(I)	TVA(I)	
TVB(O)	TVB(O)	
TVA(O)	TVA(O)	
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(-)	
CI	CI	TO CAD 114
CO	CO	
MTR2	MTR2	TO CAD 3
MTRI	MTRI	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
	OPI	

ISSUE 97A

MASTER TEST FRAME CONNECTOR CKT

BELL TELEPHONE LABORATORIES INCORPORATED

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6S

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CAD 202

WBG CA FROM MASTER TEST FRAME CONNECTOR
TO DAS ETS

TO DAS ETS VIA CTV CONN

J7	24	
J0	20	V1
H7	14	
H0	10	
G7	04	
G0	00	
F7	54	
F0	50	
E7	44	
E0	40	V0
D7	34	
D0	30	
C7	24	
C0	20	
B7	14	
B0	10	
A7	04	
A0	00	

TO CAD 16

WKC	52	V13
ROPT	51	
VTC	50	
PRLT	53	V12
ACO	42	
DNC	13	
FC	12	V11
LCD2	11	
LCD1	10	
LCD0	04	

TO CAD 20

TO DAS ETS VIA CTV CONN

OG7	24	
OG0	20	V12
OF7	14	
OF0	10	
OE7	04	
OE0	00	
LST	54	
CP7	53	
CP1	52	V11
4DG	51	
AD	50	
OA7	34	
OA0	30	
OB7	24	
OB0	20	V10
OC7	14	
OC0	10	
OD7	04	
OD0	00	
TRS	51	V3
OBS	22	
NOB	21	
K7	04	V2
K0	00	

TO CAD 20

TO CAD 16

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

TO DAS ETS VIA CTV CONN

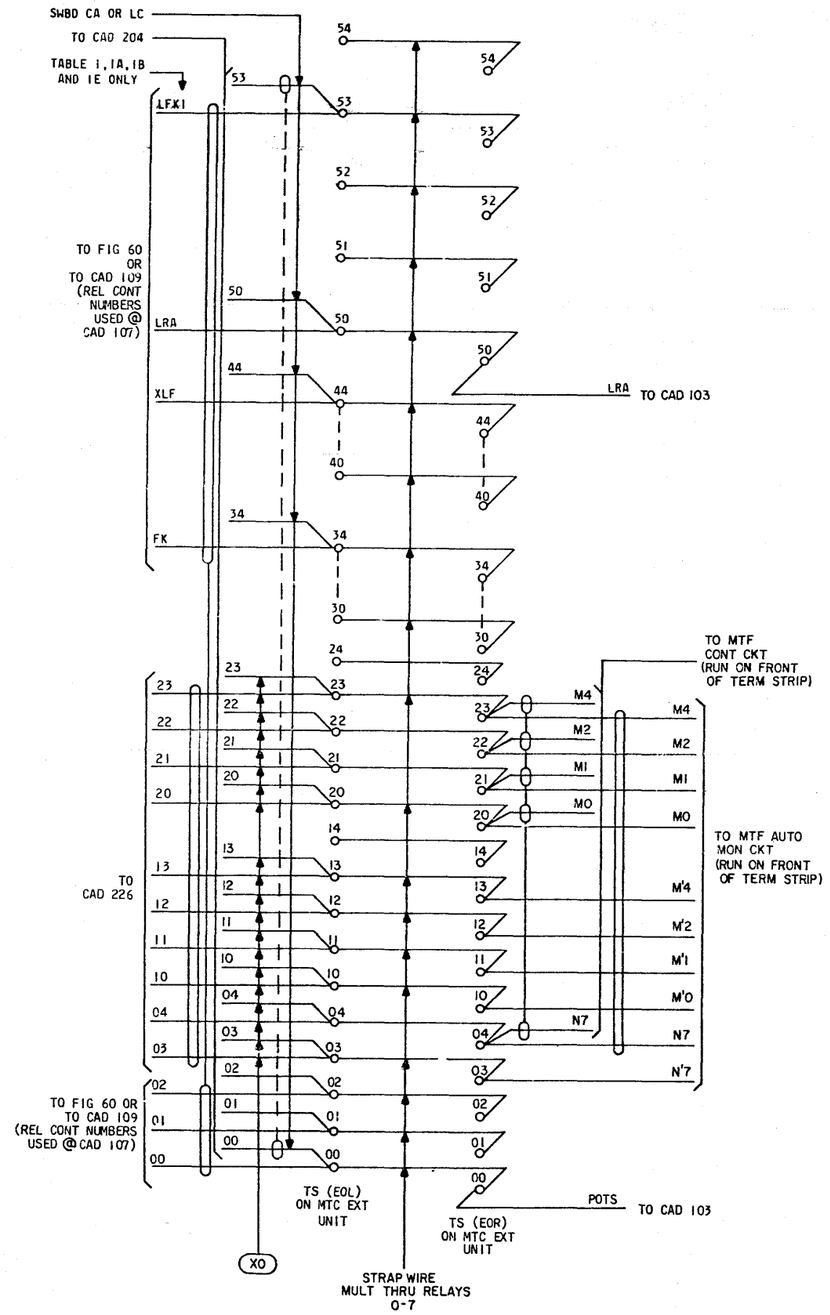
UT7	44	
UT0	40	
TT7	34	
TT0	30	V14
HT7	24	
HT0	20	
THT3	14	
THT0	11	
TI3	32	
TI2	31	
TI1	30	
TI0	24	V13
SK1	11	
SK0	10	
OD	03	
PRLK	52	
ORC2	42	
ORC1	41	V12
ORC0	40	

TO CAD 20

MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 91A
BELL LABORATORIES	SD-25805-01-		G132

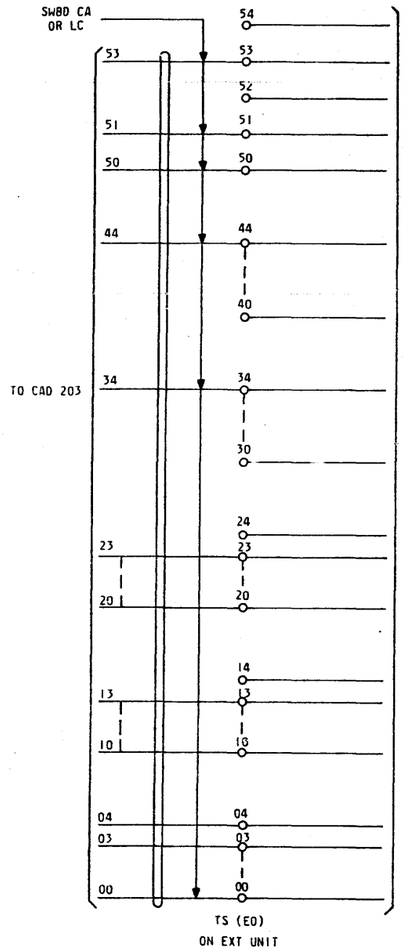
CAD 203

(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 102A
BELL LABORATORIES	SD-25805-01-		G133

CAD 205
(FOR APP FIG 57)
CONTACT SIDE

TABLE I & IA ONLY

TABLE IB OR IE ONLY

TO CAD 107

LFKI	53M	(EO-) REL ON MTC EXT UNIT
LFKI	51M	
LRA	50M	
XLF	44M	
FK	34M	
POTS	00M	

TO CAD 143

EO	(EO-) NET
R BATT	

TO CAD 107

M4	23M	(EO-)REL ON MTC EXT UNIT
M2	22M	
M1	21M	
M0	20M	
M'4	13M	
M'2	12M	
M'1	11M	
M'0	10M	
N7	04M	
N'7	03M	

XO

CAD 206
(FOR APP FIG 1, II OPTION)

TO CAD 110	DTM	2	(AT4) DIODE
TO CAD 114	AT4I	1	
TO CAD 110 OR CAD 192	CM	2	(AT2) DIODE
TO CAD 3	AT2I	1	
	AT12	2	(AT1) DIODE

SD-25805-01-6134

MASTER TEST FRAME CONNECTOR CKT

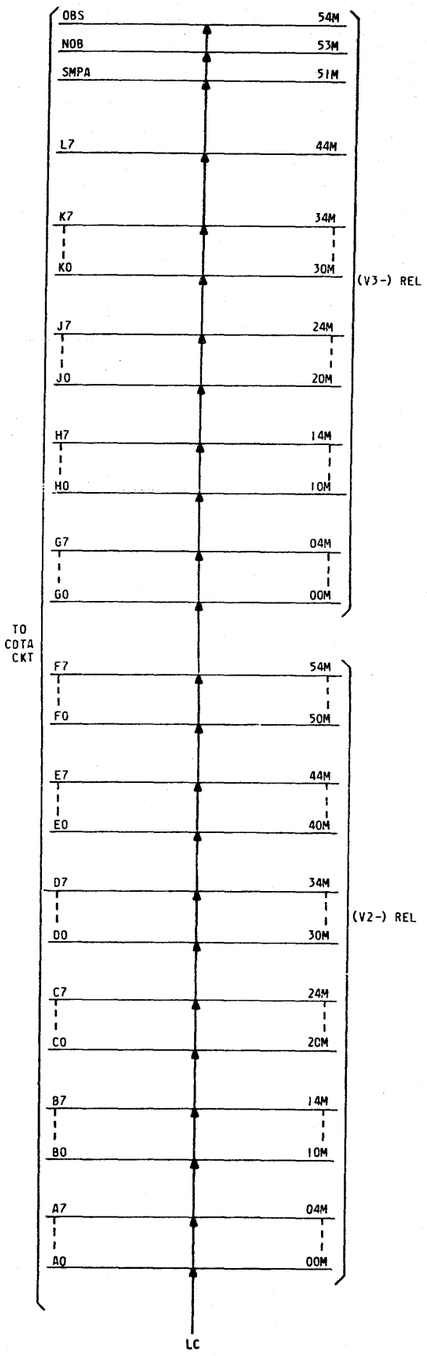
DWG SIZE 6S

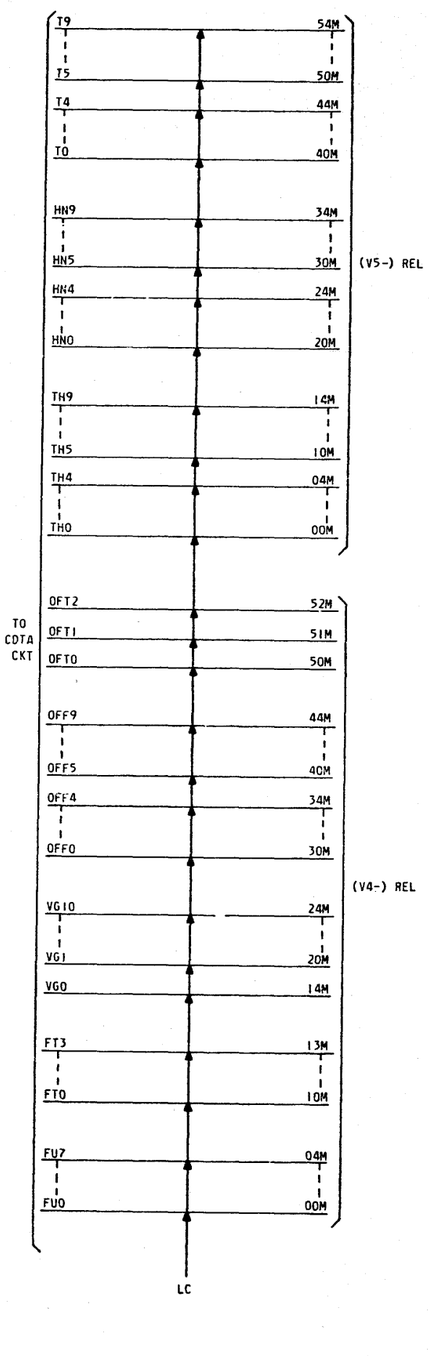
ISSUE 102A

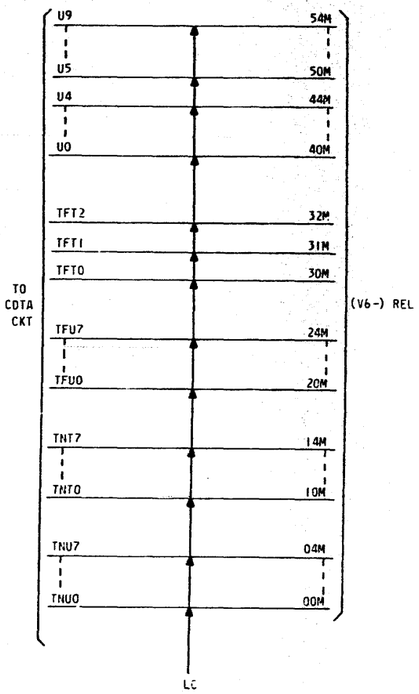
BELL LABORATORIES | SD- 25805-01- | 6134

PART OF CAD 207

(FOR APP FIG 61)





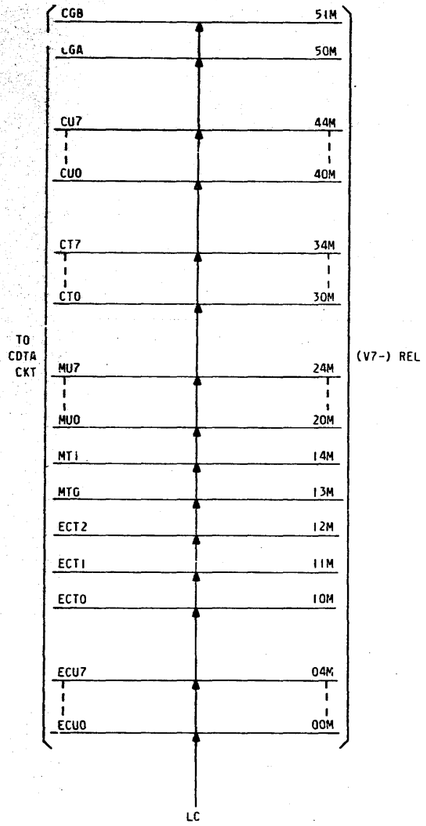


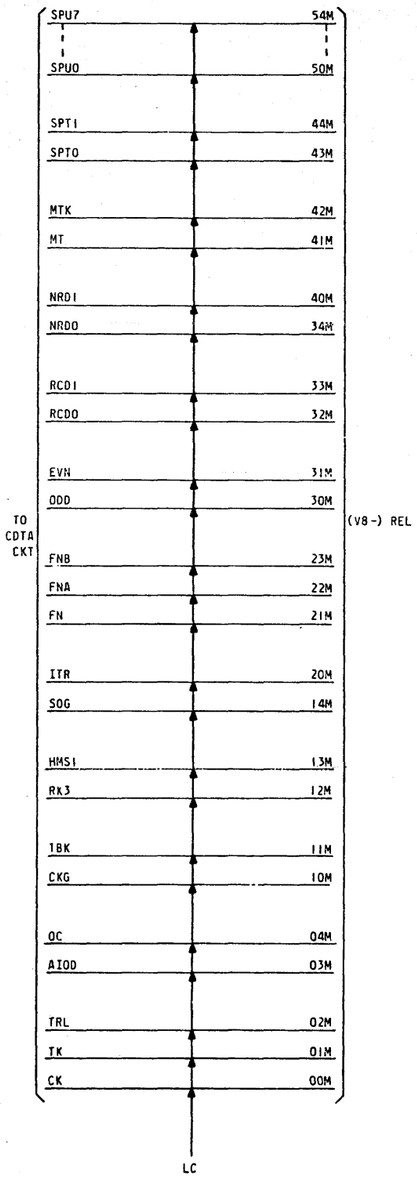
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G135

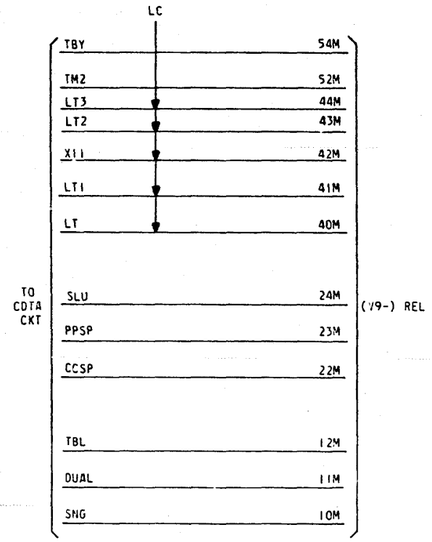
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PART OF CAD 207

(FOR APP FIG 61)





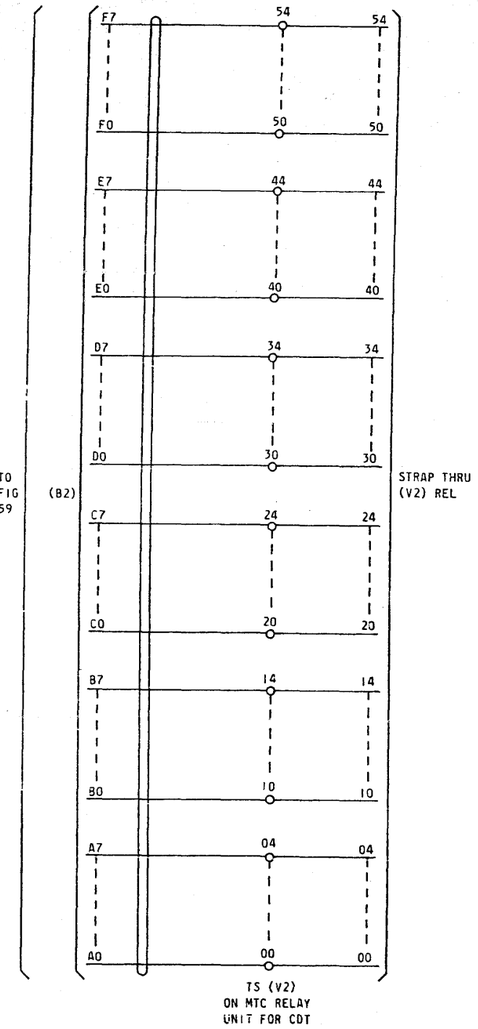


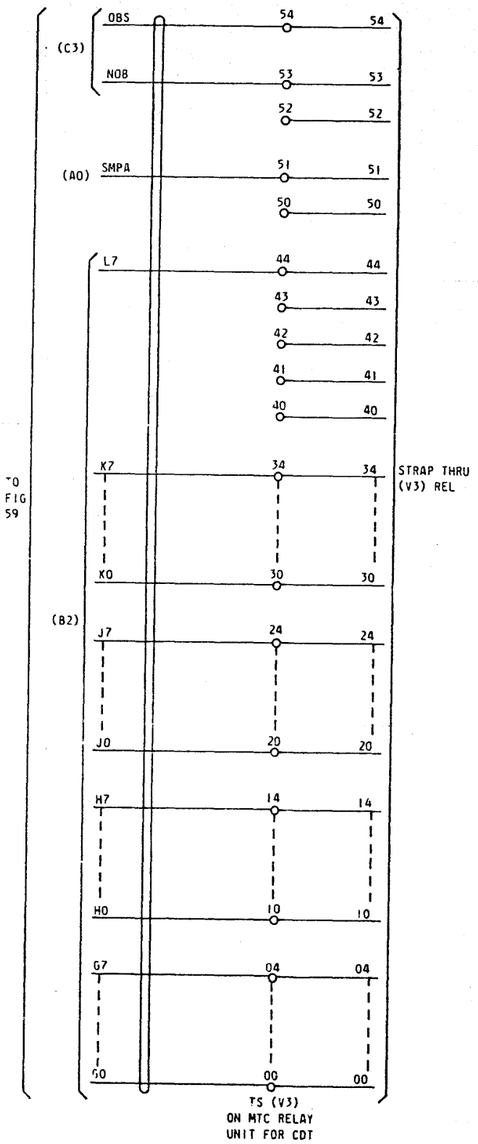
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G136

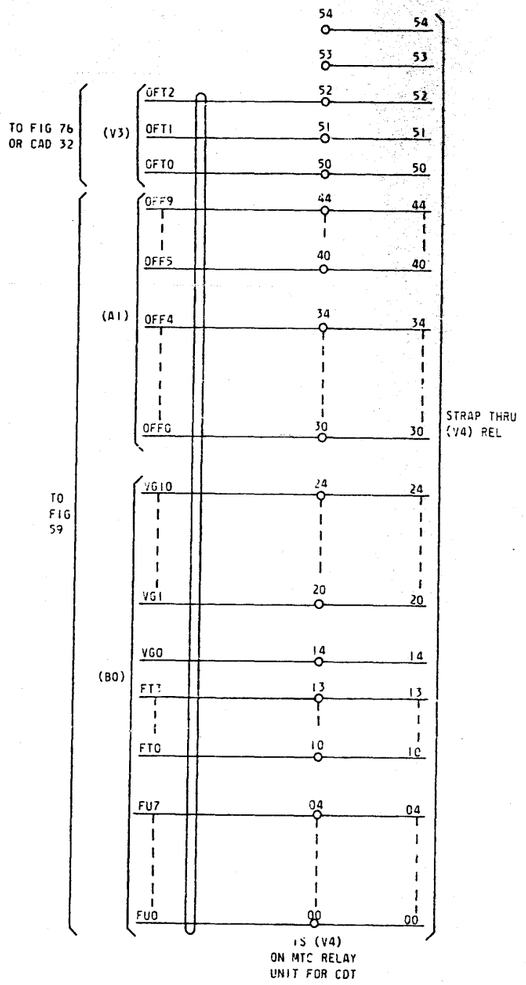
SD-25805-01-G136

PART OF CAD 208

(FOR APP FIG 61)
TABLE I





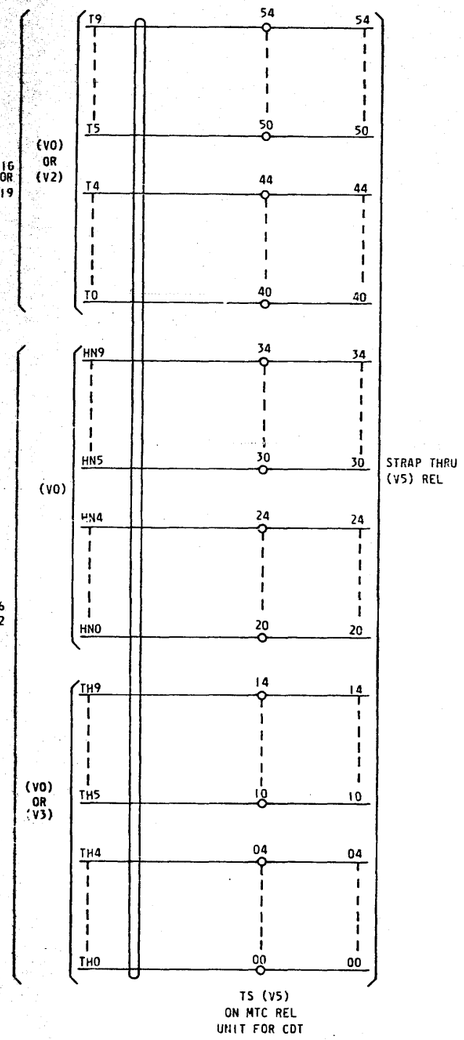


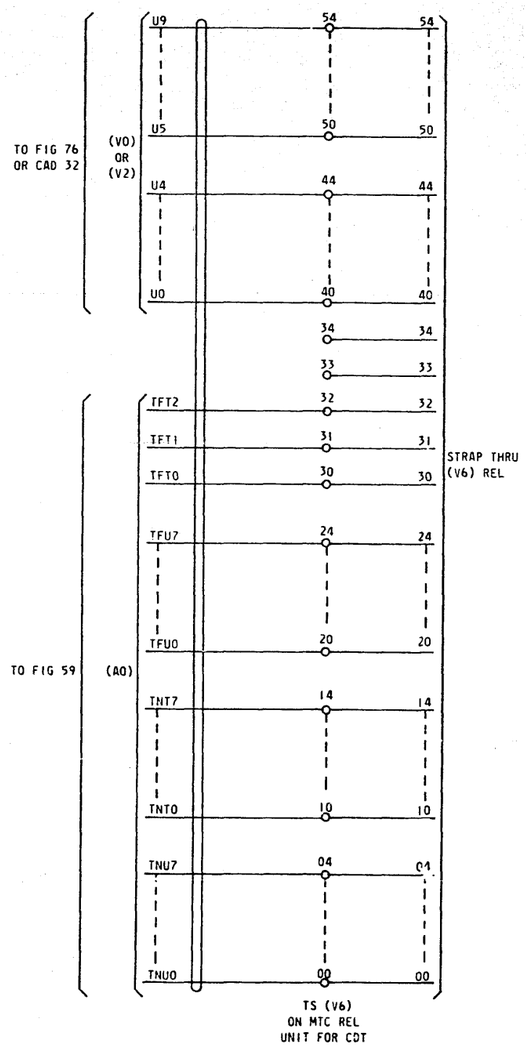
SD-25805-01-G137

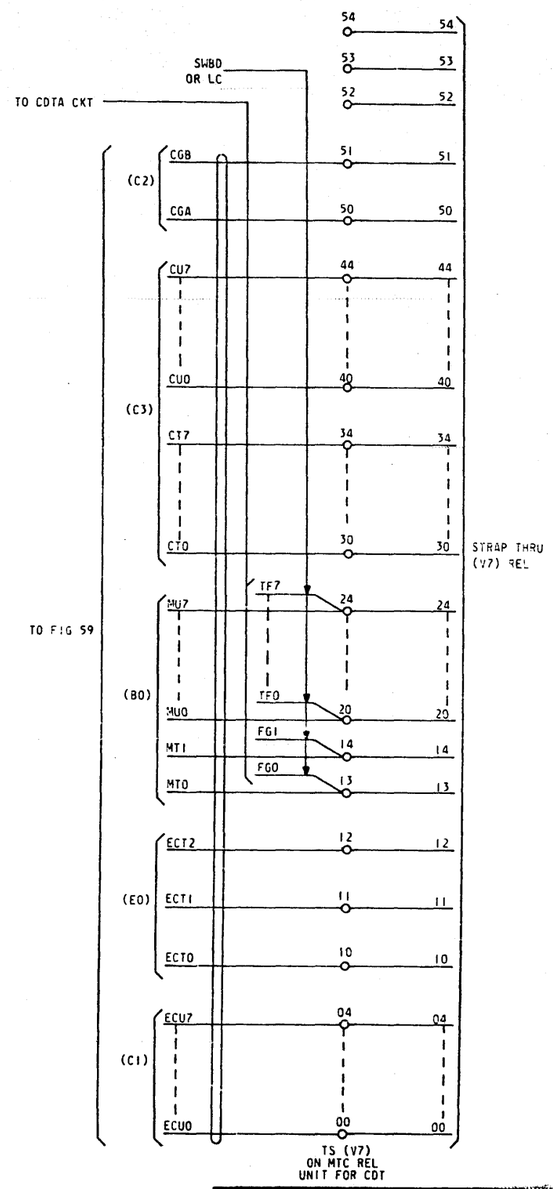
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G137

PART OF CAD 208

(FOR APP FIG 61)
TABLE I





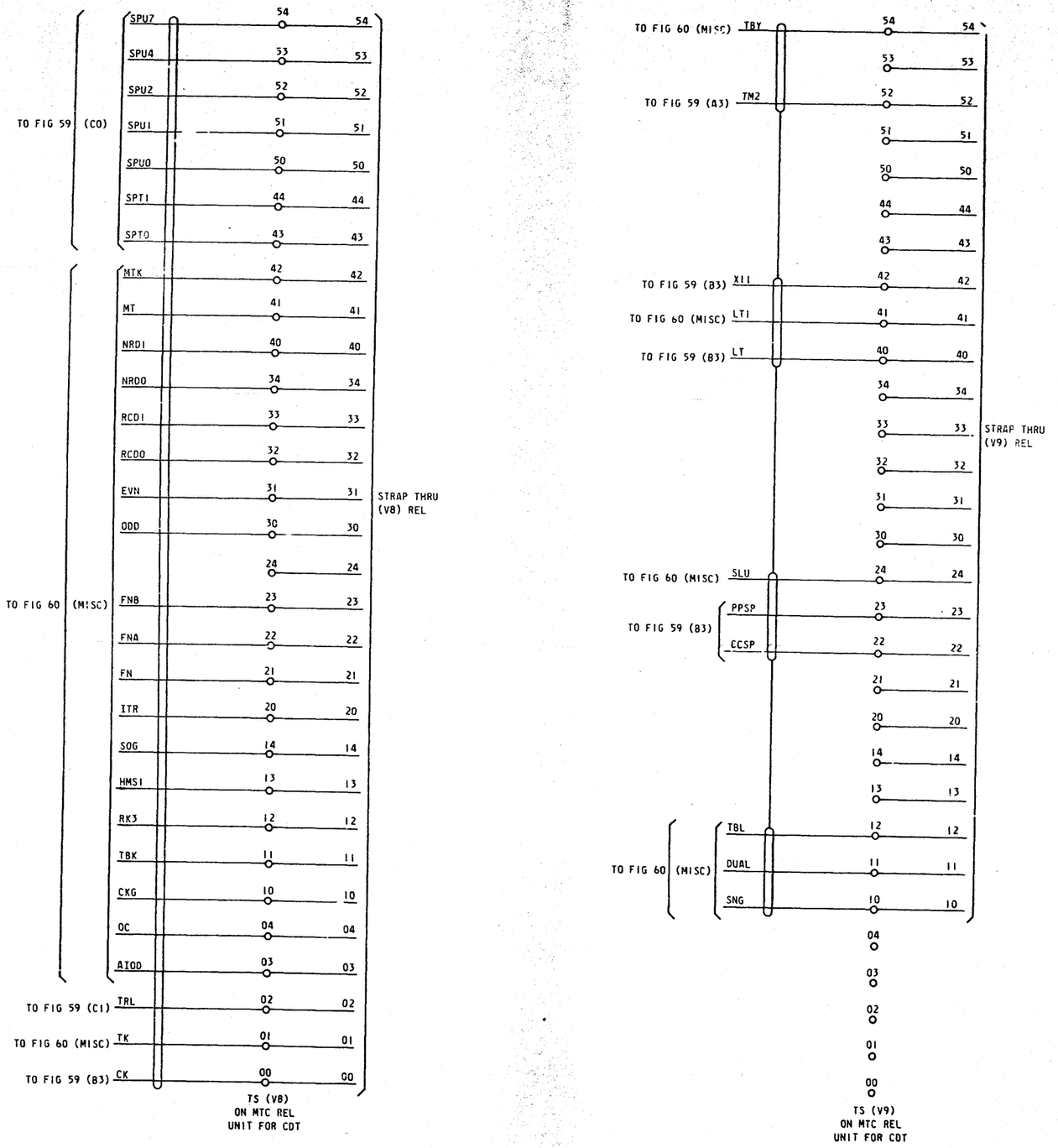


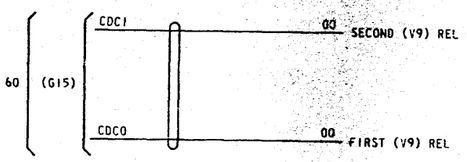
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 65	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G138

SD-25805-01-G138

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-		G139

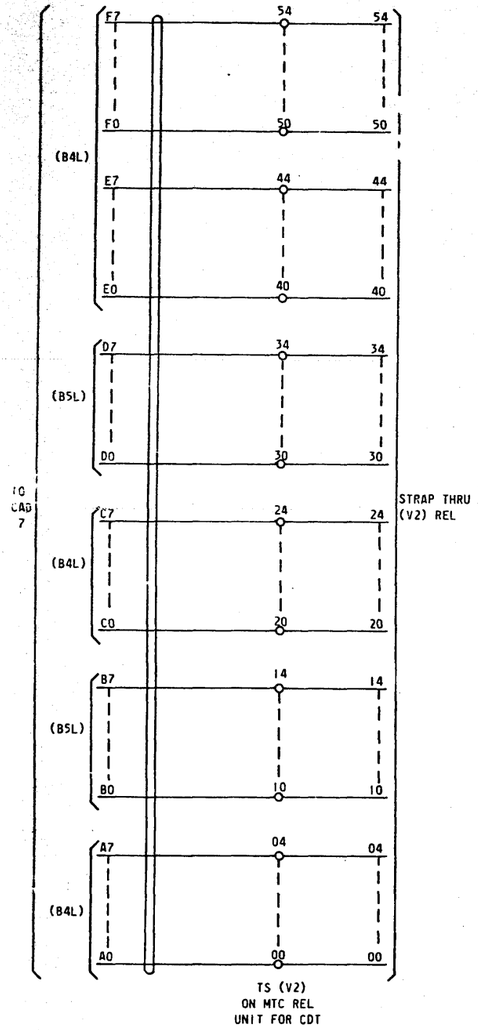
SD-25805-01-G139

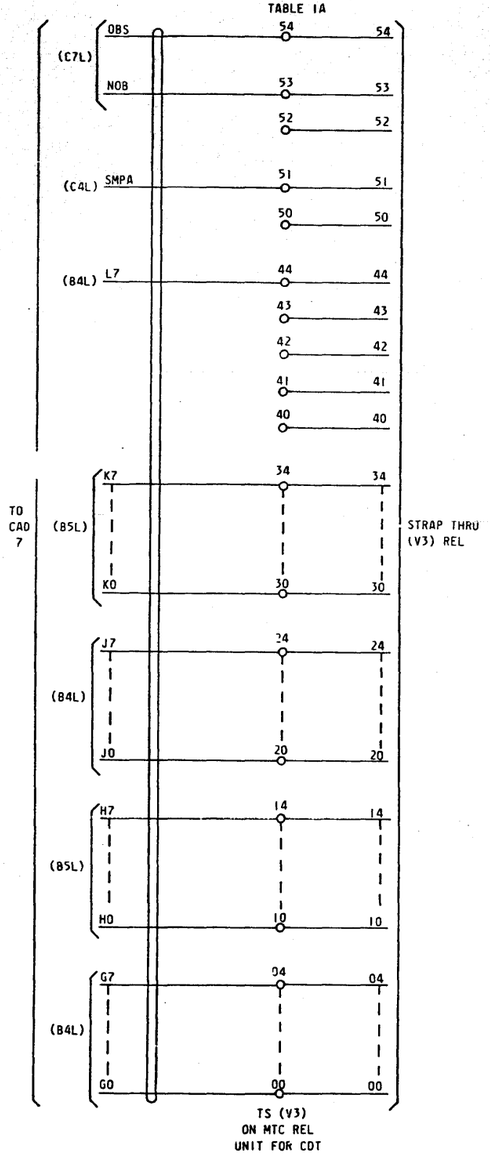
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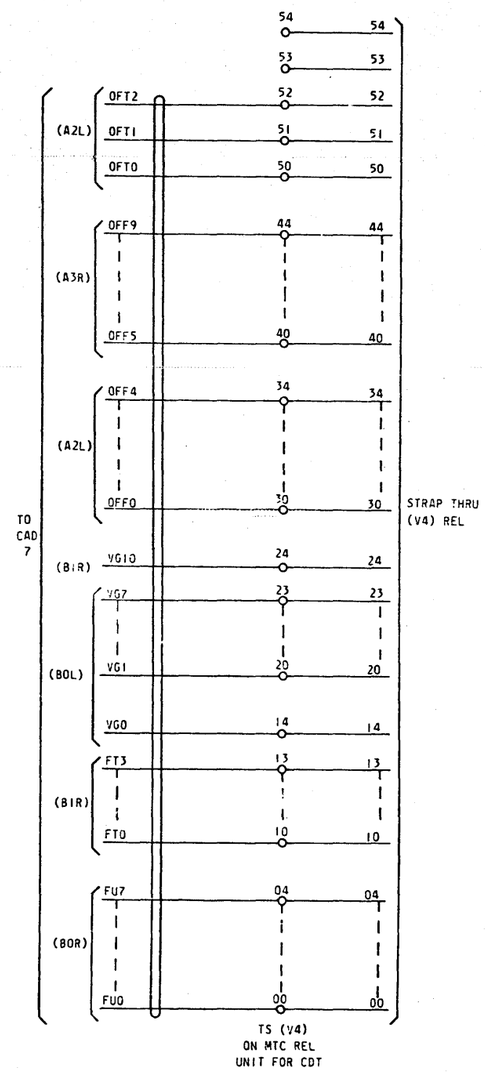
PART OF CAD 209

(FOR APP FIG 61)

TABLE IA





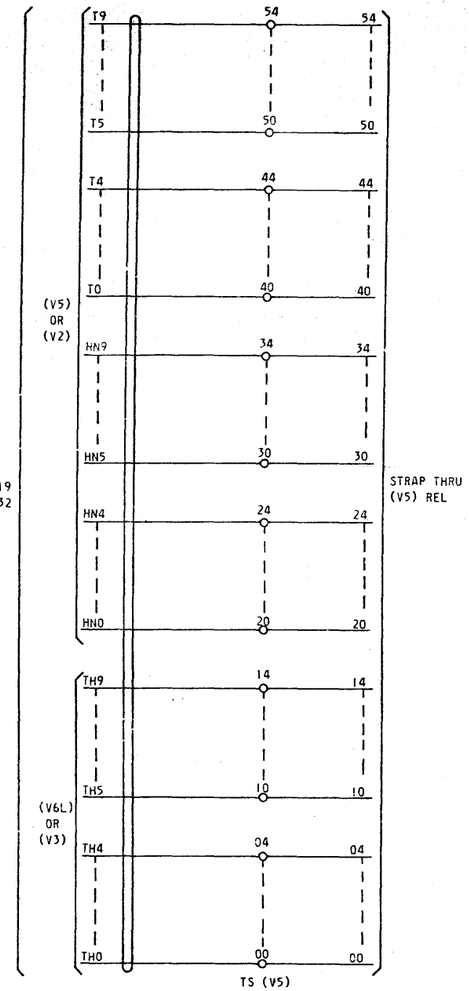


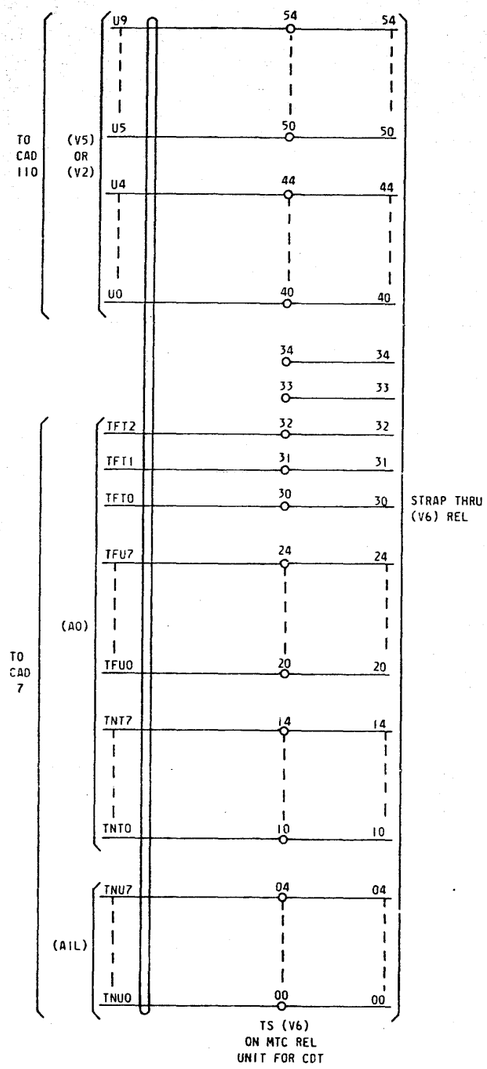
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G140

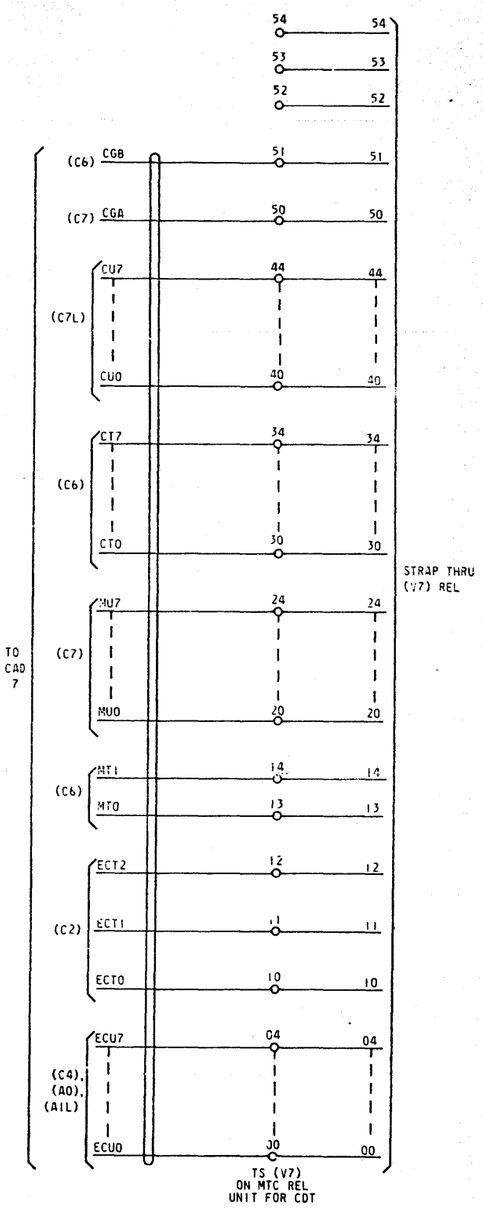
SD-25805-01-G140

PART OF CAD 209

(FOR APP FIG 61)
TABLE IA





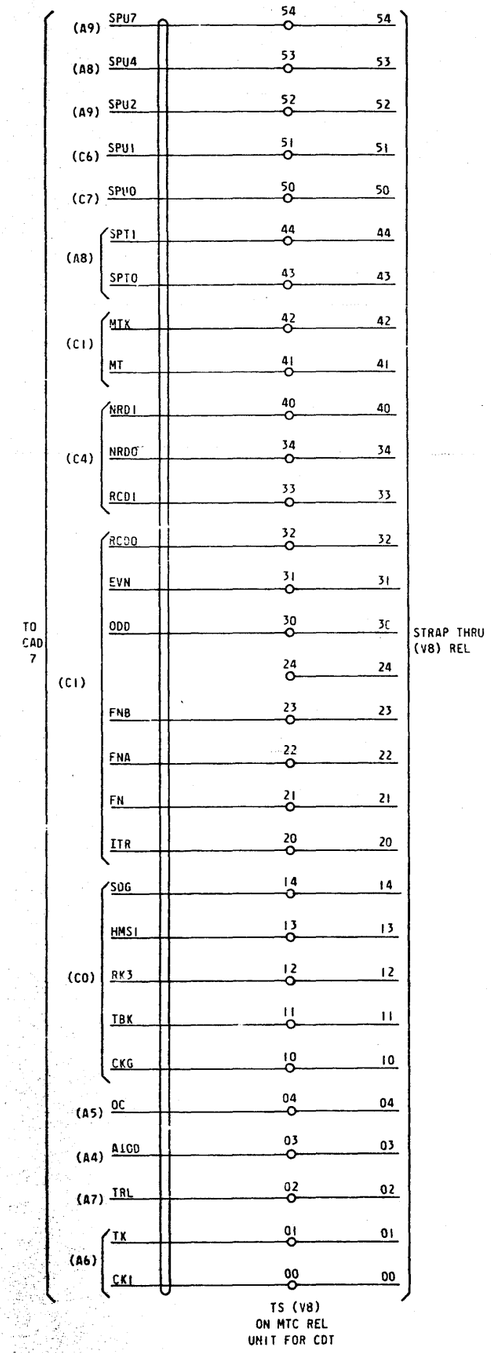


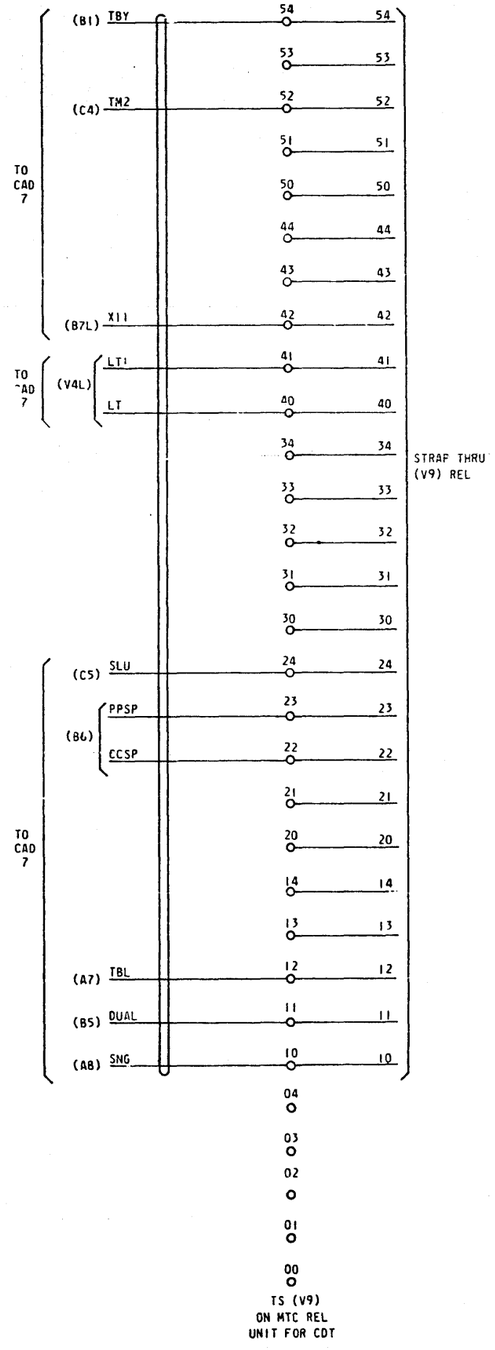
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 968
BELL LABORATORIES	SD-25805-01-	6141

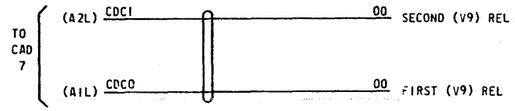
SD-25805-01-6141

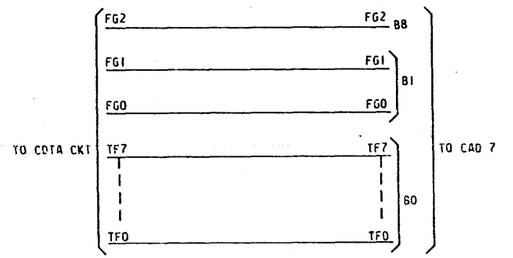
PART OF CAD 209

(FOR APP FIG 61)
TABLE IA







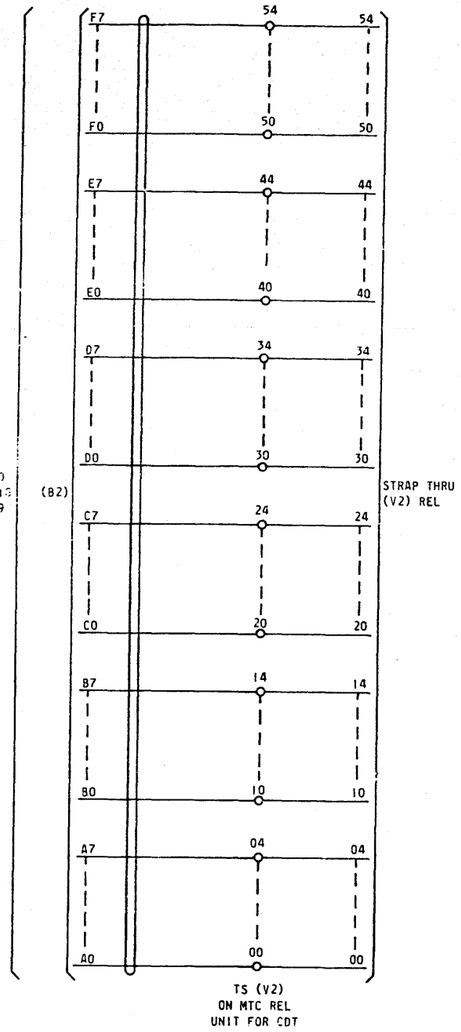


MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 101A
BELL LABORATORIES	SD-25805-01-		6142

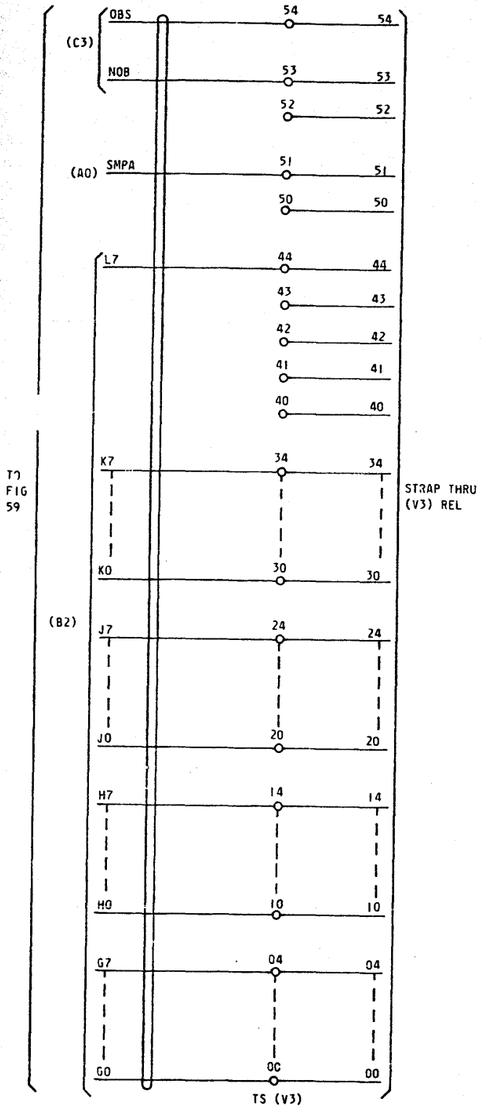
SD-25805-01-6142

PART OF CAD 210

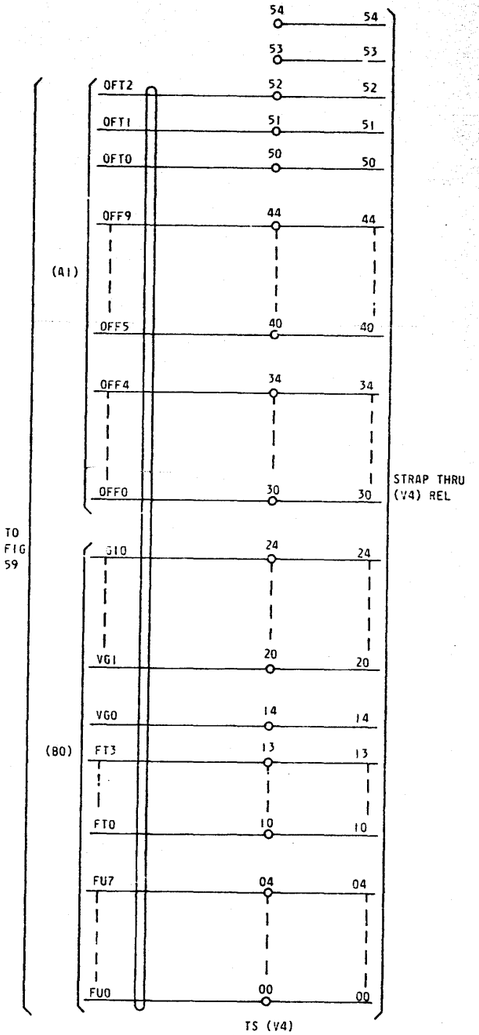
(FOR APP FIG 61)
TABLE 1B



TS (V2)
ON MTC REL
UNIT FOR CDT



TS (V3)
ON MTC REL
UNIT FOR CDT



TS (V4)
ON MTC REL
UNIT FOR CDT

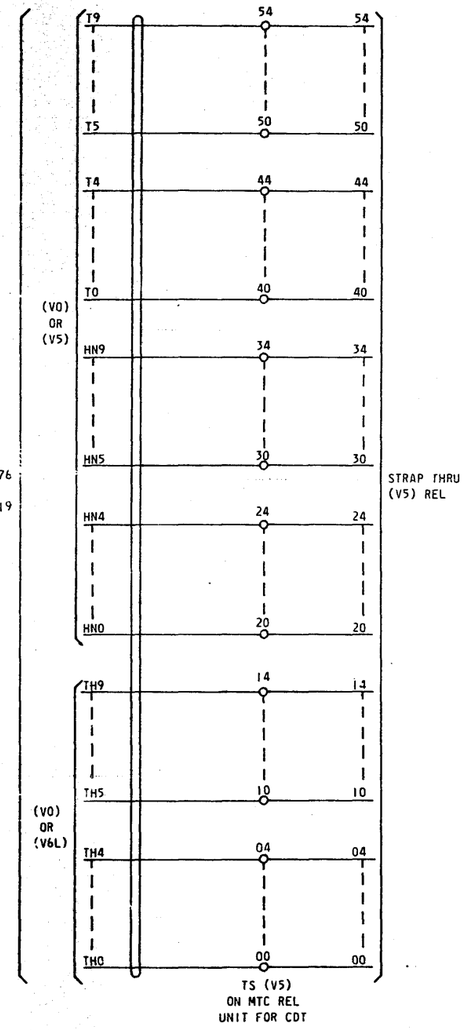
SD-25805-01-G143

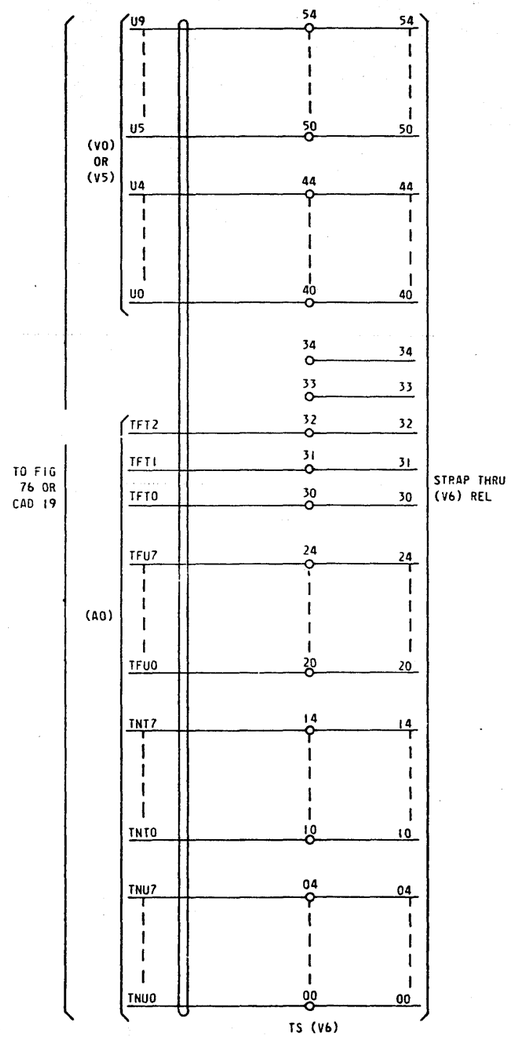
MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G143

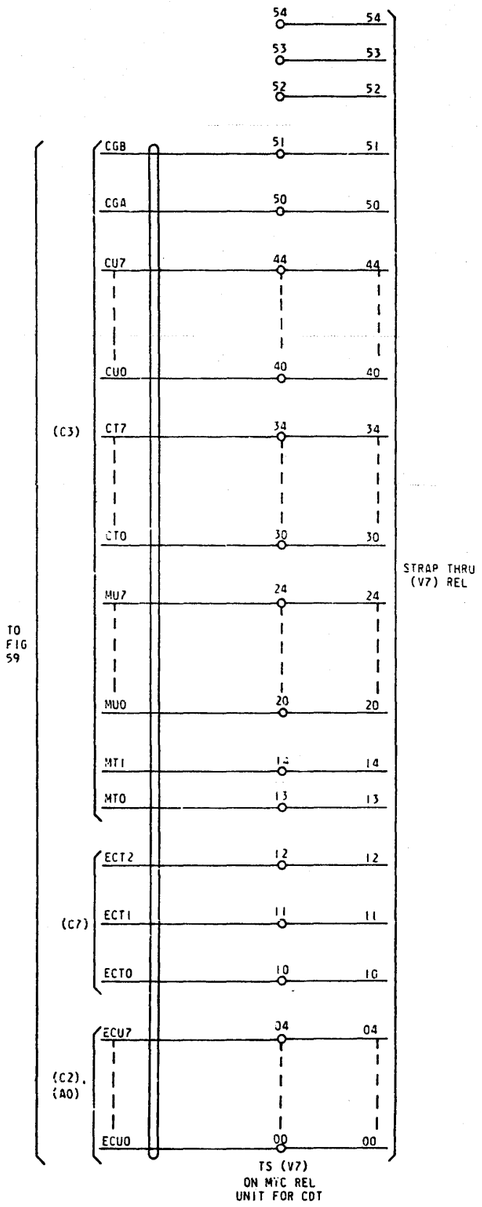
E-7481 (6-77) PRINTED IN U.S.A.

PART OF CAD 210

(FOR APP FIG 61)
TABLE 1B





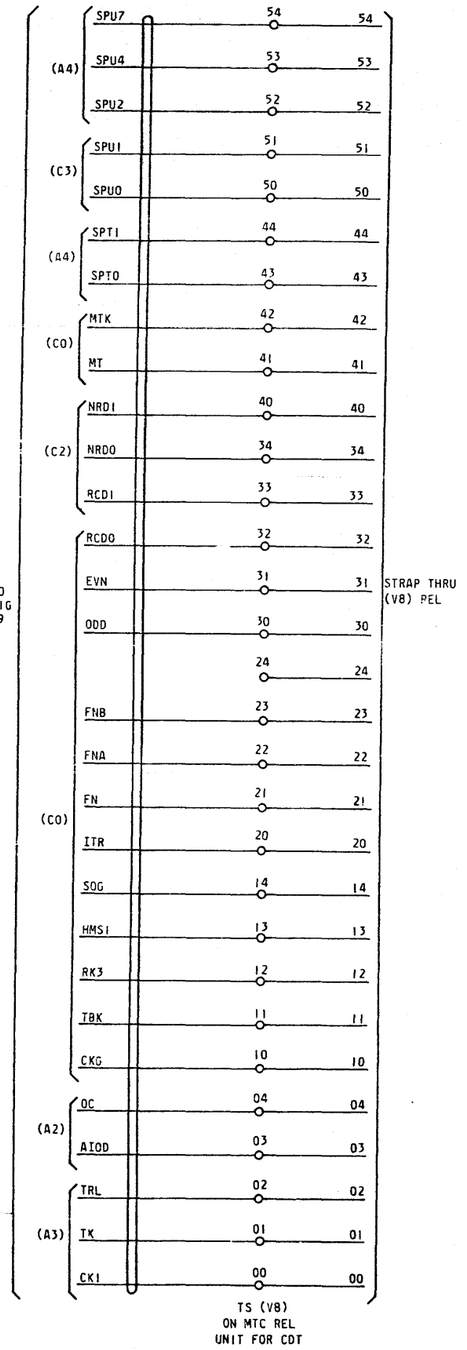


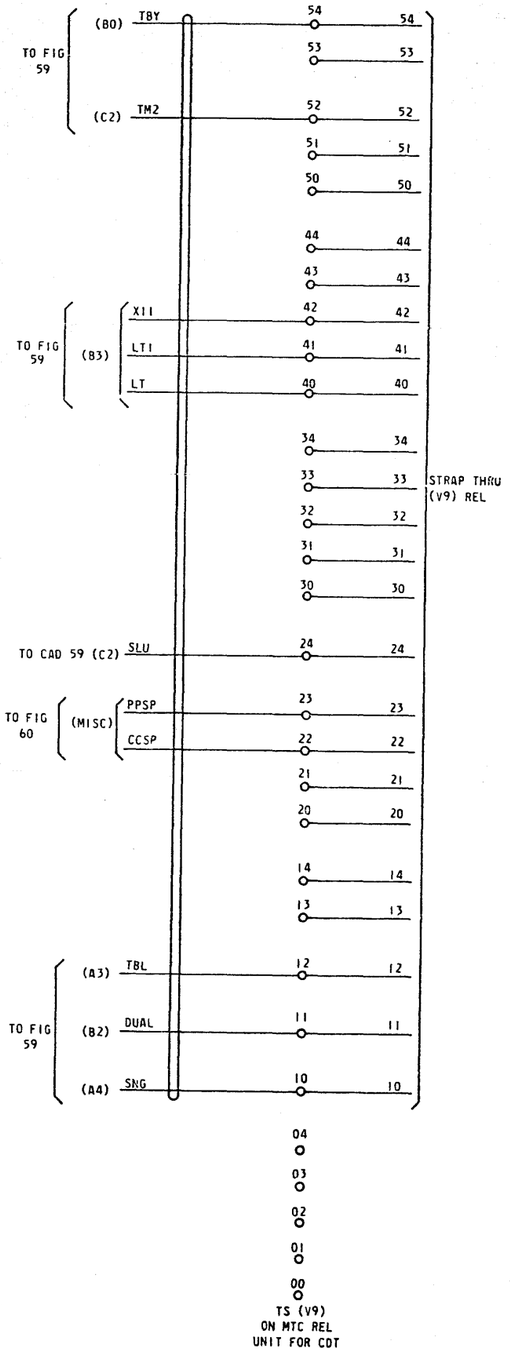
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 968
BELL LABORATORIES	SD-25805-01-		G144

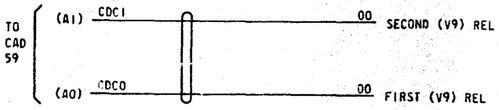
SD-25805-01-G144

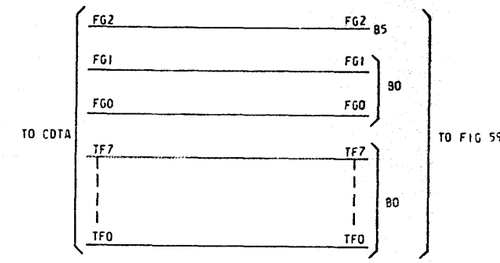
PART OF CAD 210

(FOR APP FIG 61)
TABLE IB







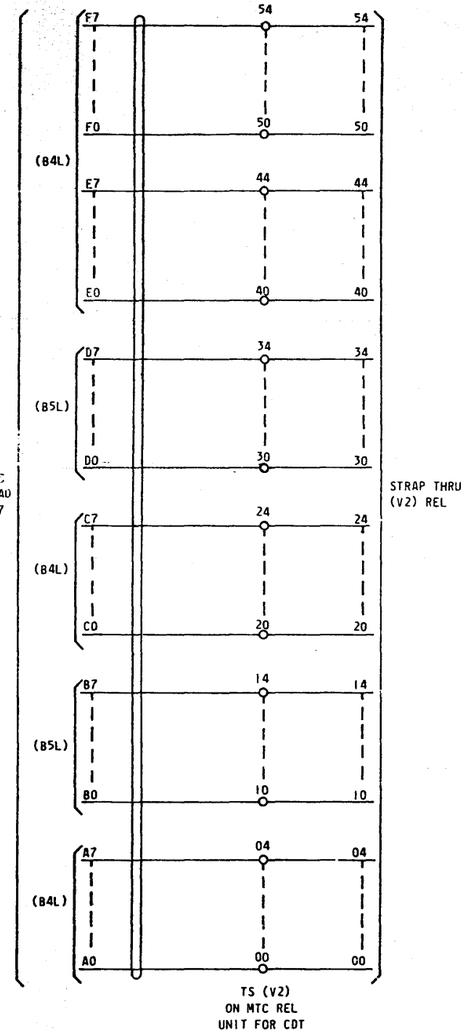


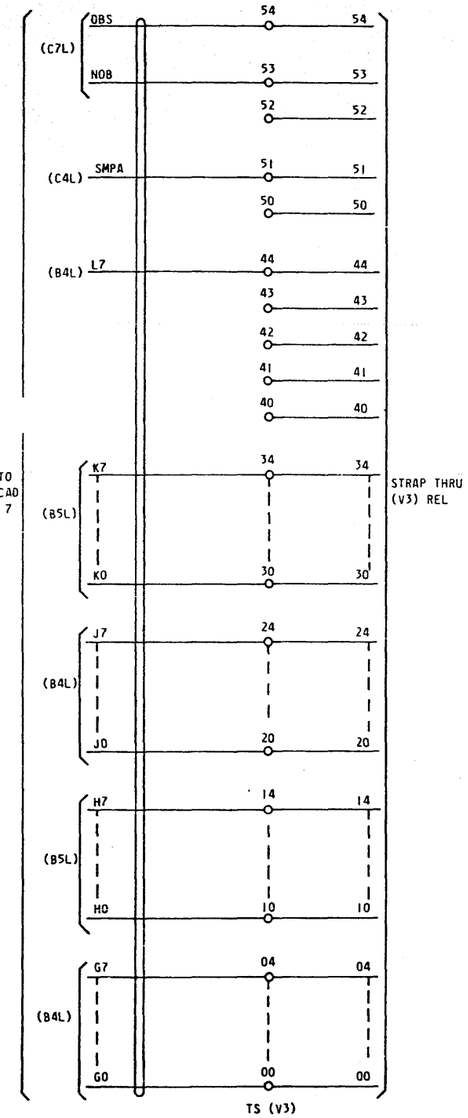
MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD- 25805-01-		G145

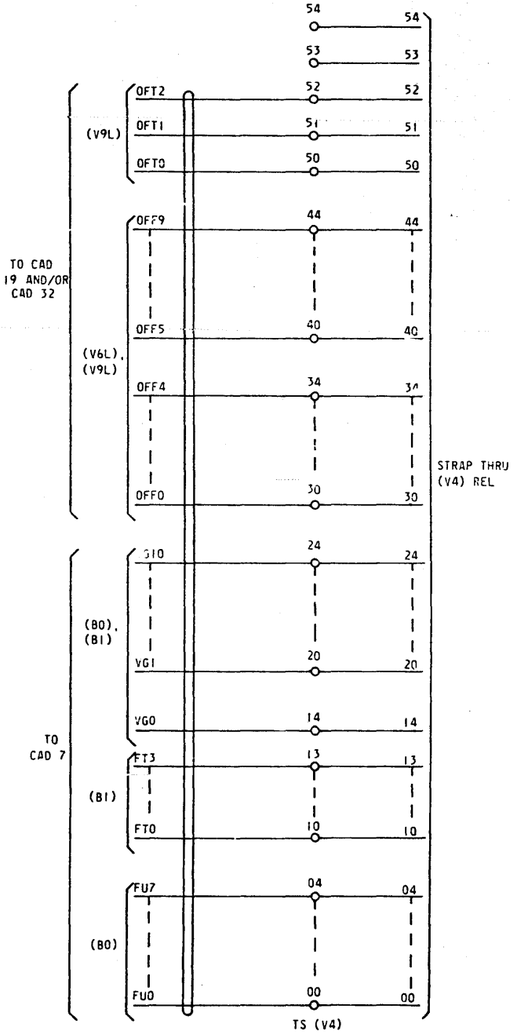
SD-25805-01-G145

PART OF CAD 211

(FOR APP FIG 61)
TABLE IE





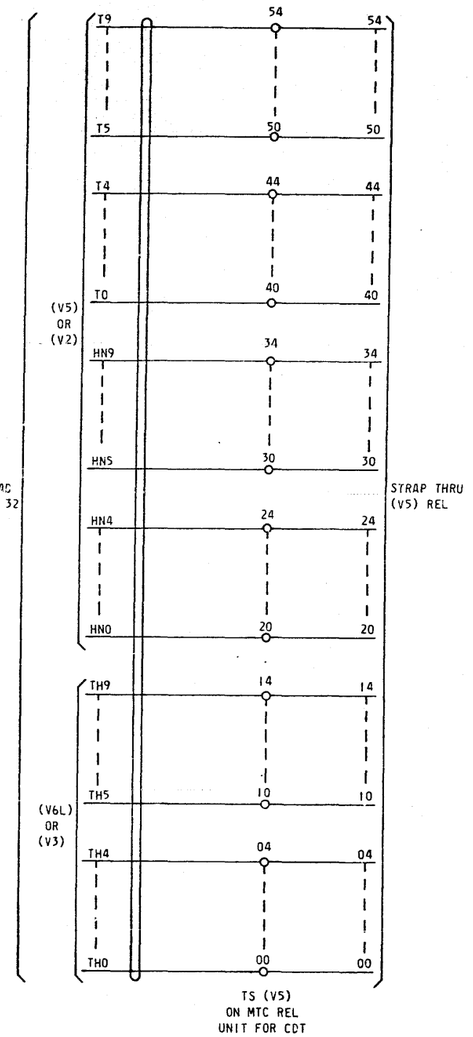


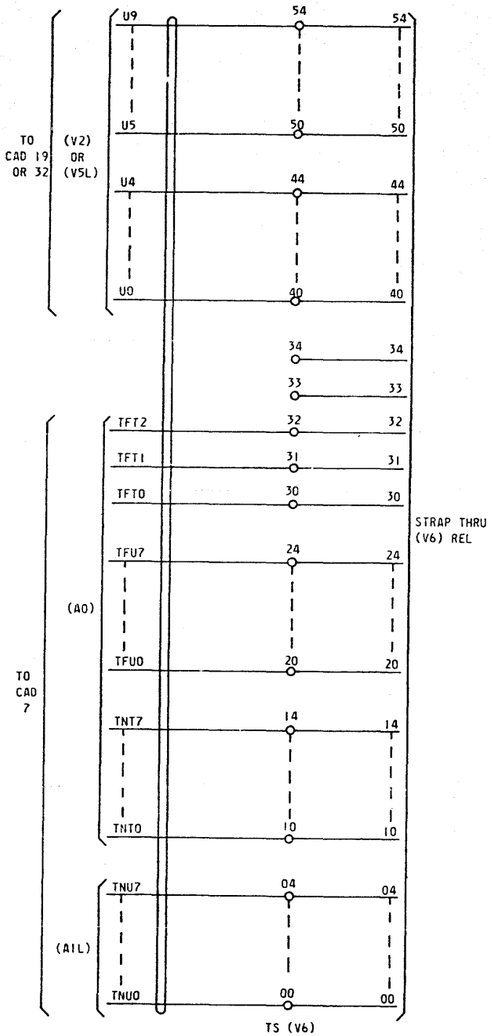
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6146

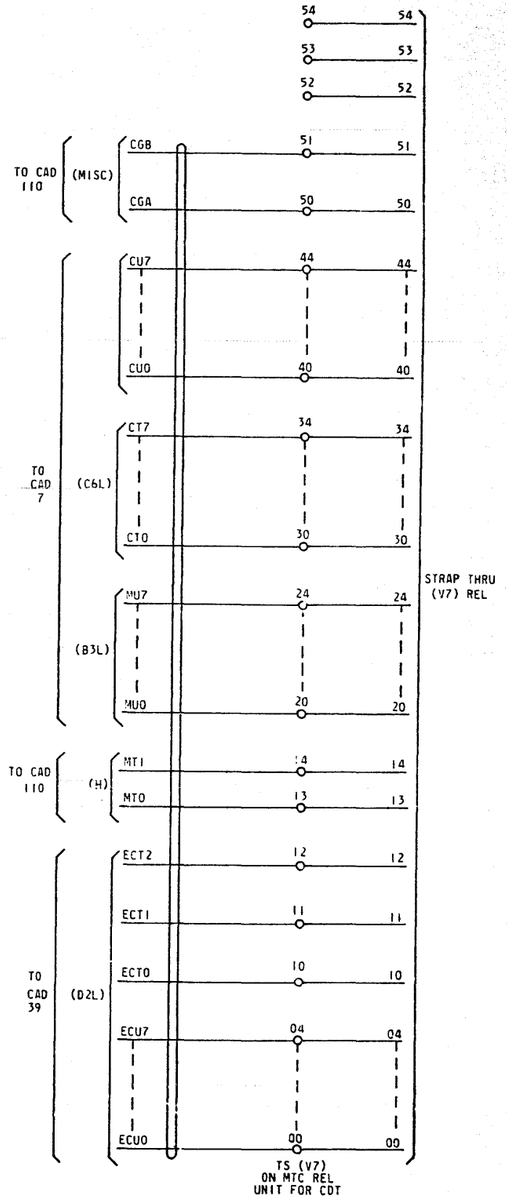
SD-25805-01-6146

PART OF CAD 211

(FOR APP FIG 61)
TABLE IE





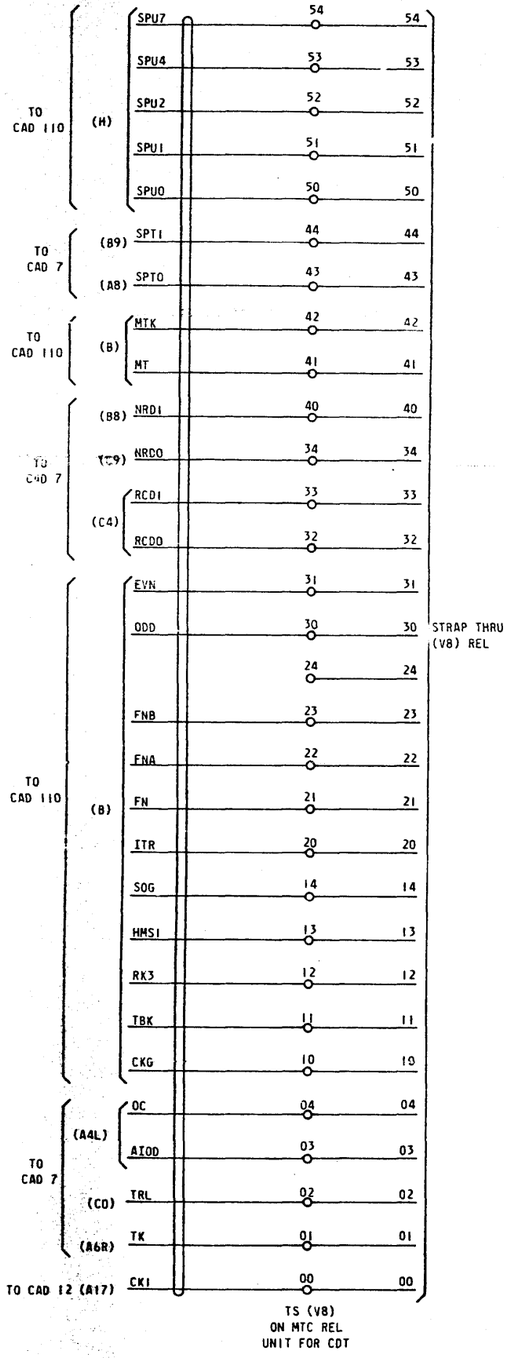


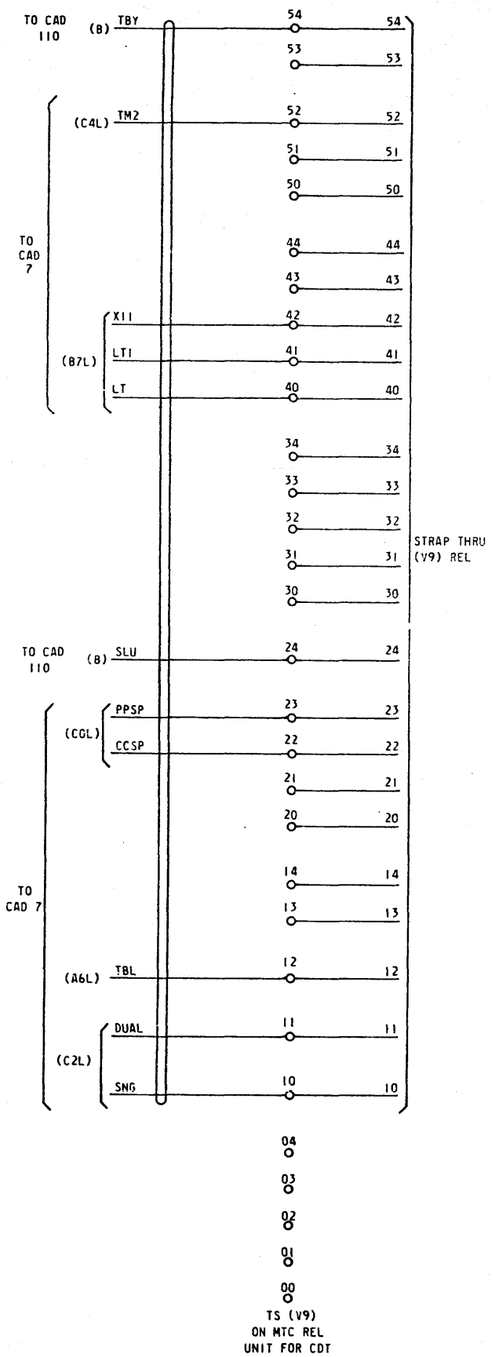
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G147

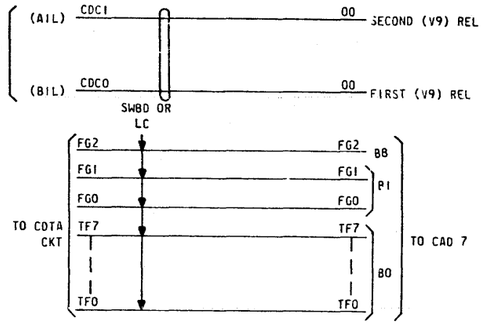
SD-25805-01-G147

PART OF CAD 211

(FOR APP FIG 61)
TABLE IE





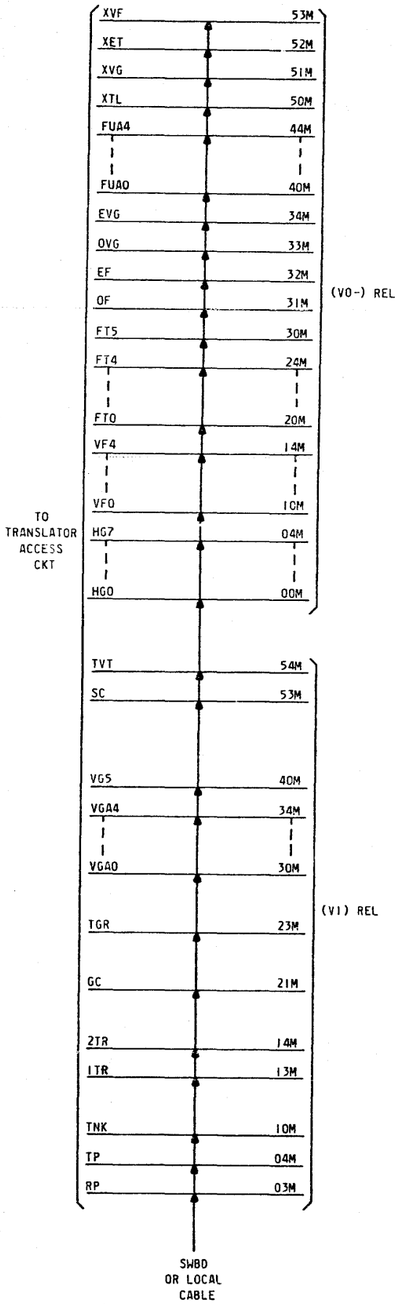


MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6148

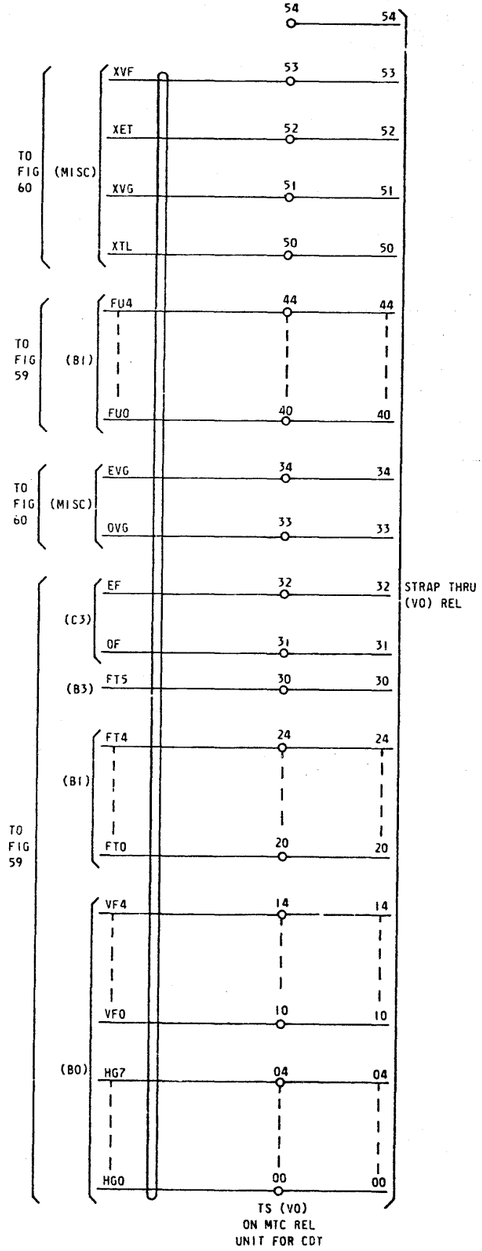
SD-25805-01-6148

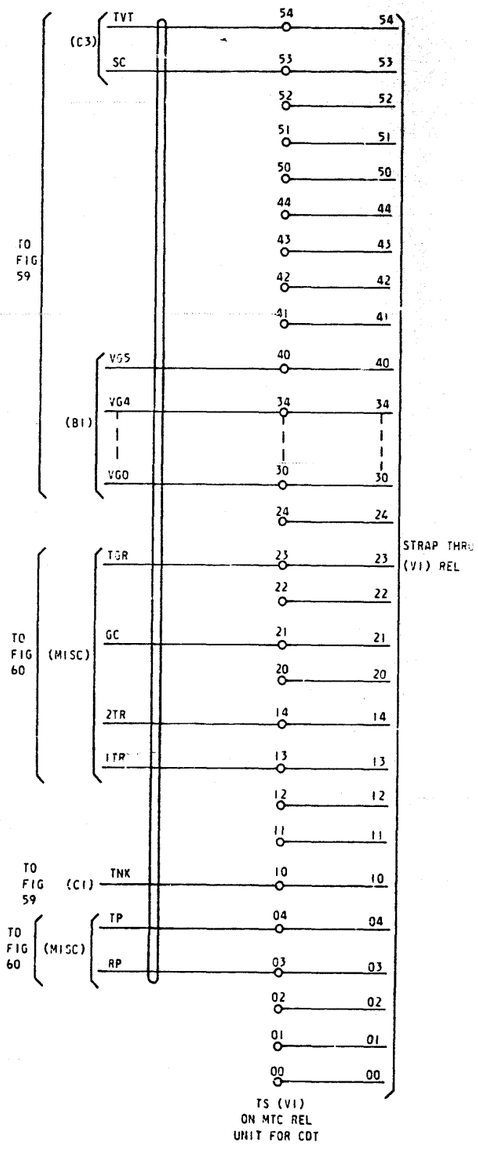
PRINTED IN U.S.A.

CAD 212
(FOR APP FIG 60)



CAD 213
(FOR APP FIG 60)
TABLE I





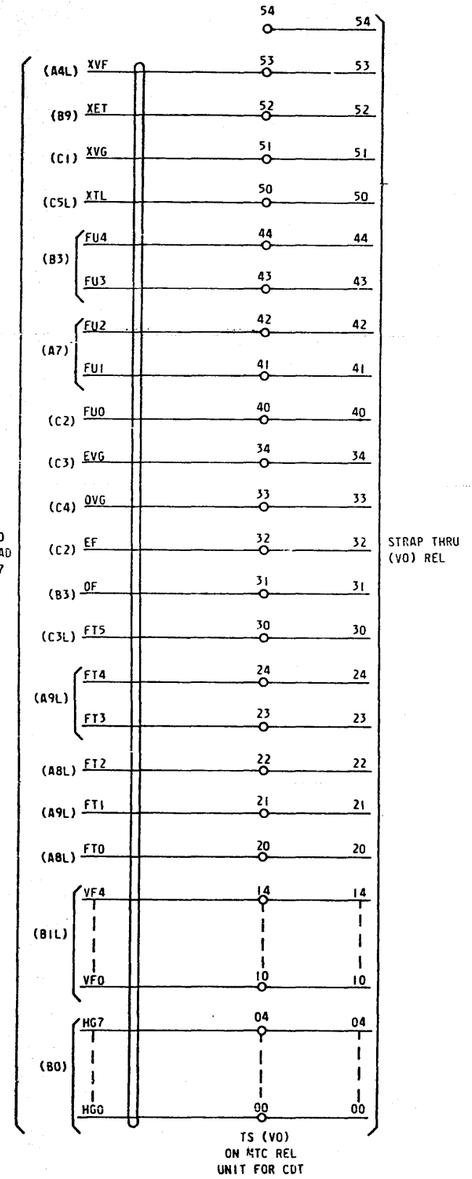
MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6149

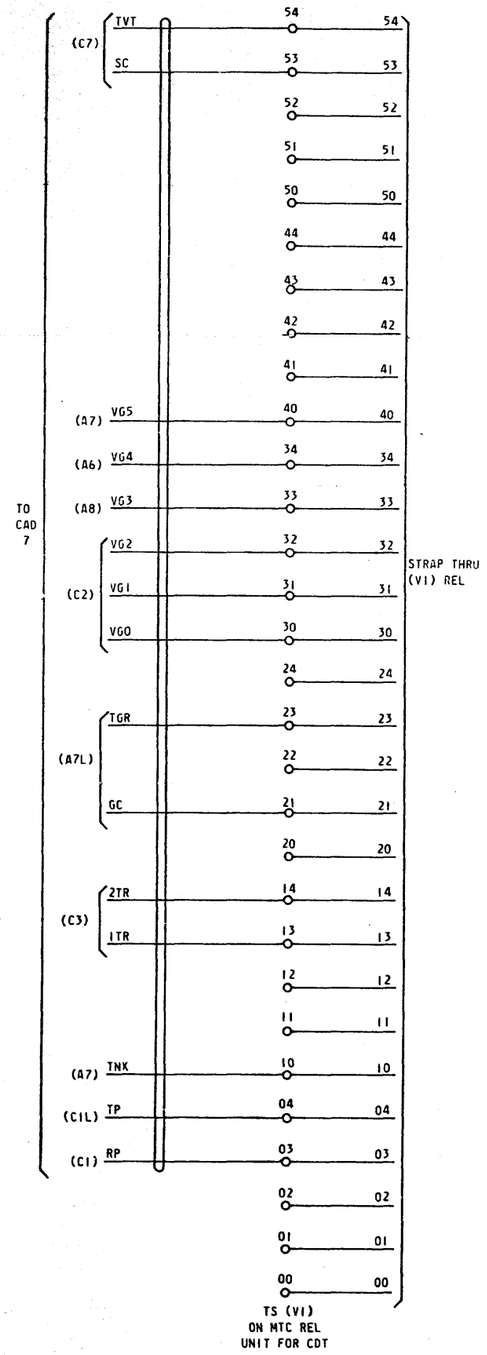
SD-25805-01-6149

PRINTED IN U.S.A.

CAD 214

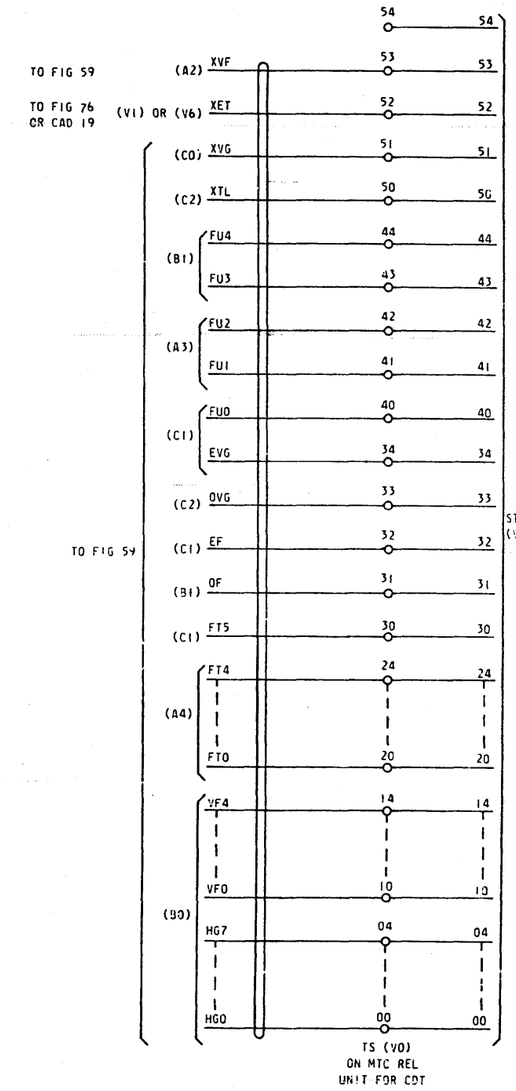
(FOR APP FIG 60)
TABLE IA





PART OF CAD 215

(FOR APP FIG 60)
TABLE IB

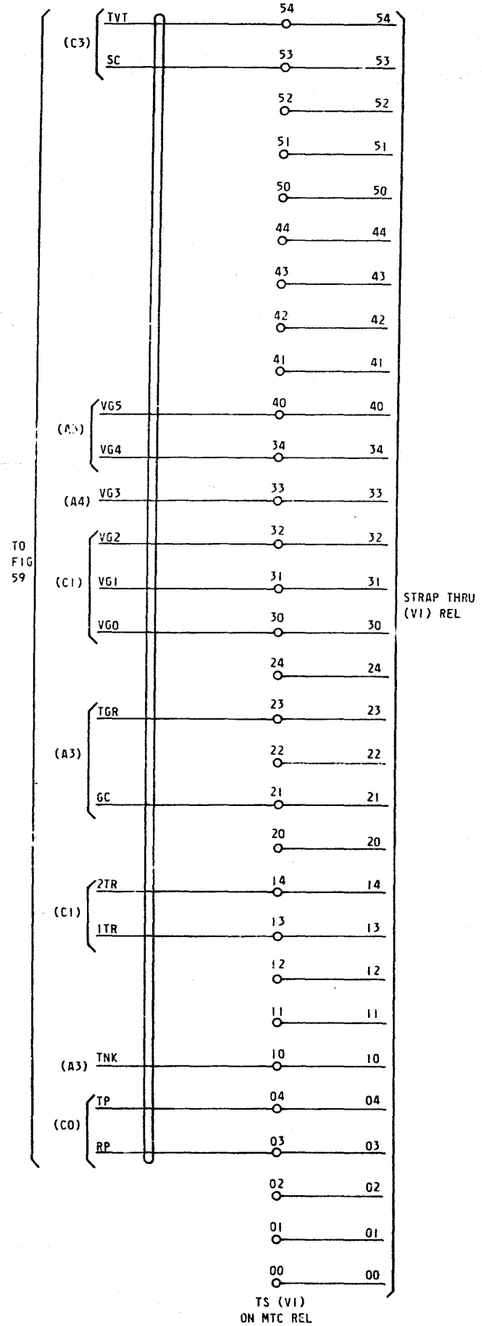


MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6150

SD-25805-01-6150

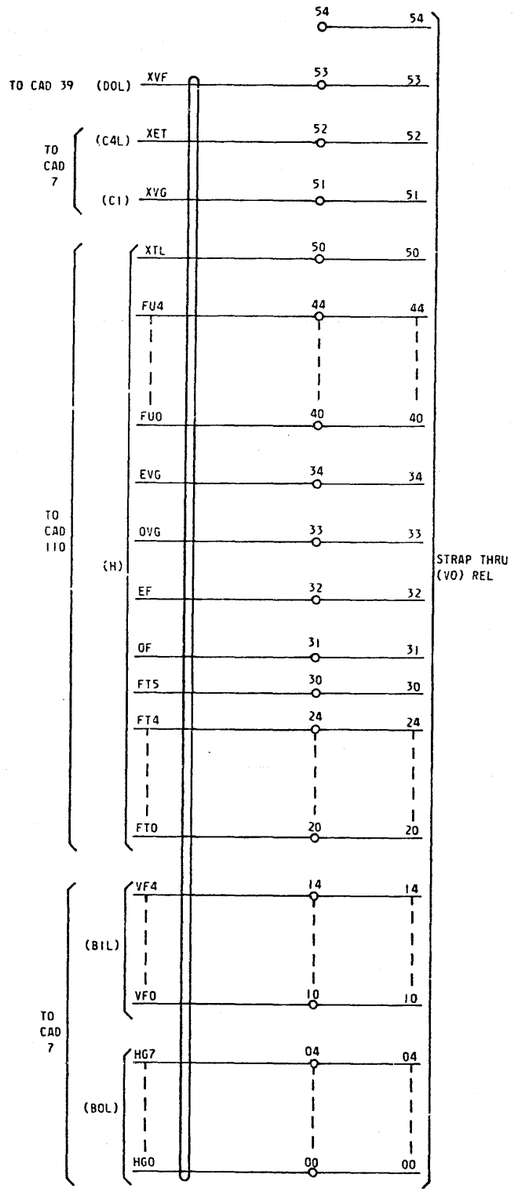
PART OF CAD 215

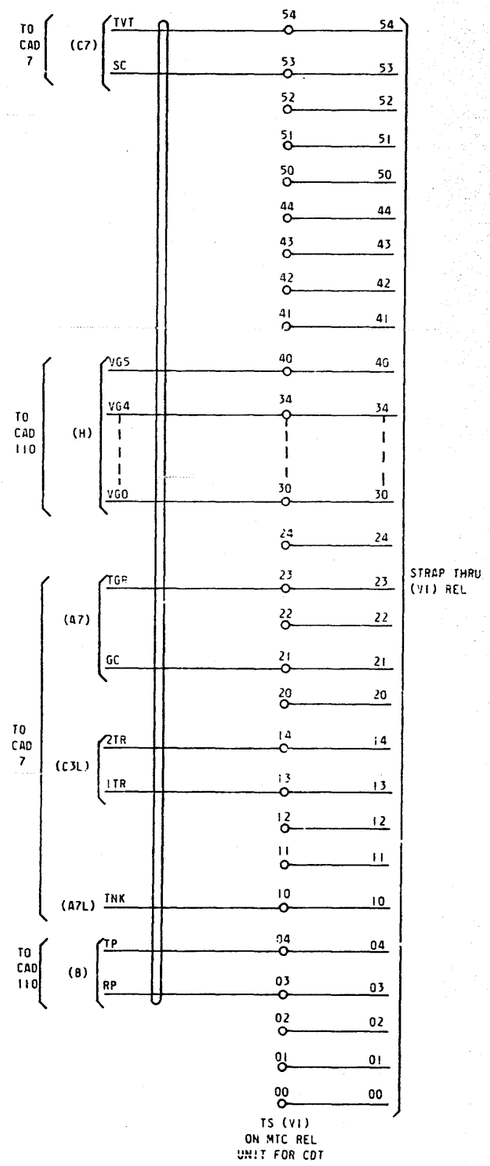
(FOR APP FIG 60)
TABLE IB



CAD 216

(FOR APP FIG 60)
TABLE IE

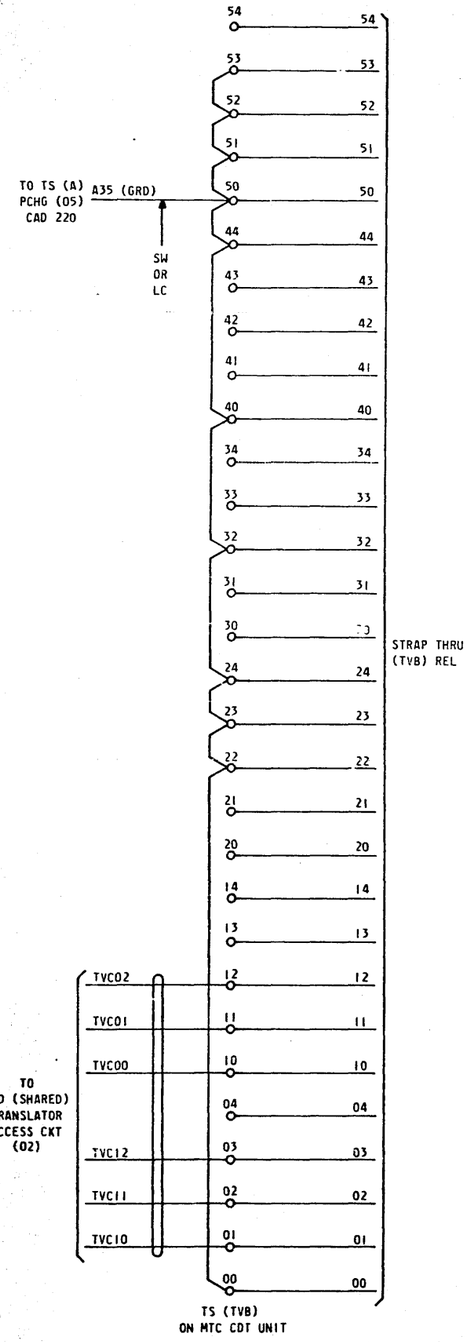




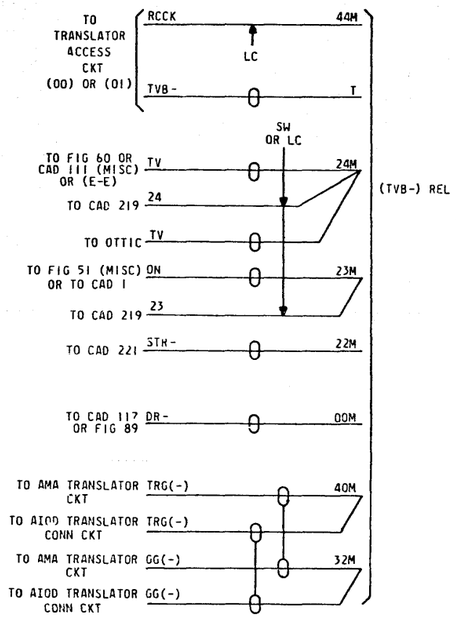
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		G151

SD-25805-01-G151

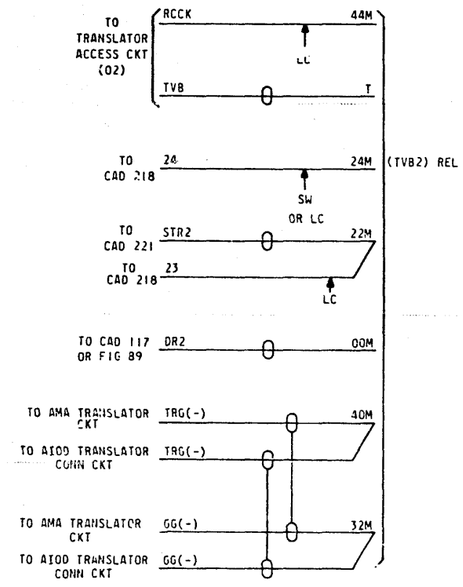
CAD 217
(FOR APP FIG 58 & 59)



CAD 218
(FOR APP FIG 59)



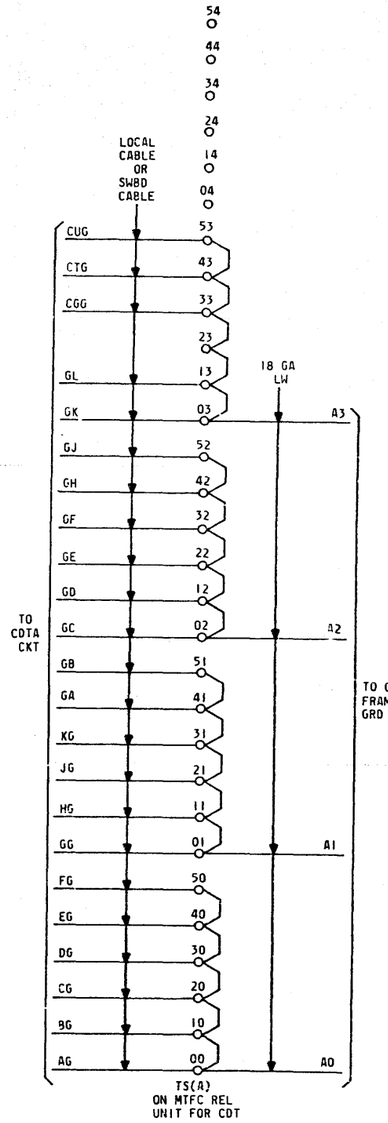
CAD 219
(FOR APP FIG 58)

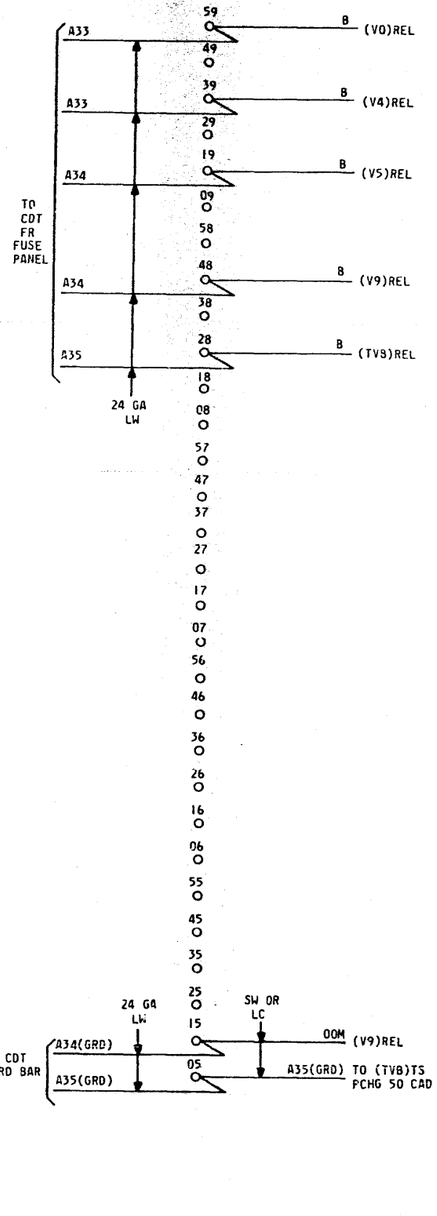


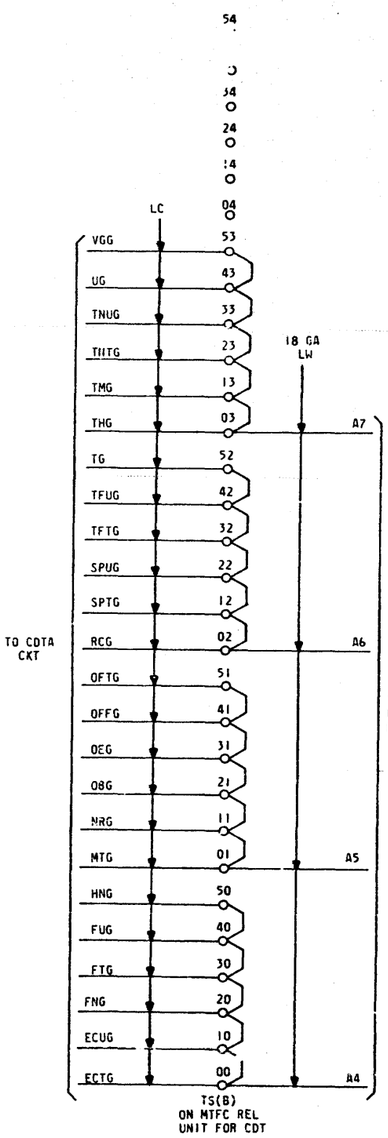
MASTER TEST FRAME CONNECTOR CKT		
	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G152

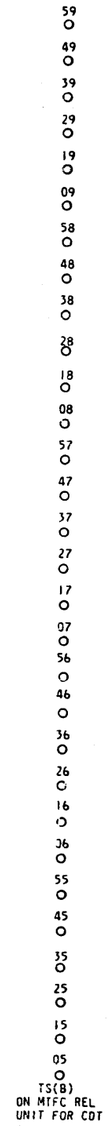
SD-25805-01-G152

CAD 220



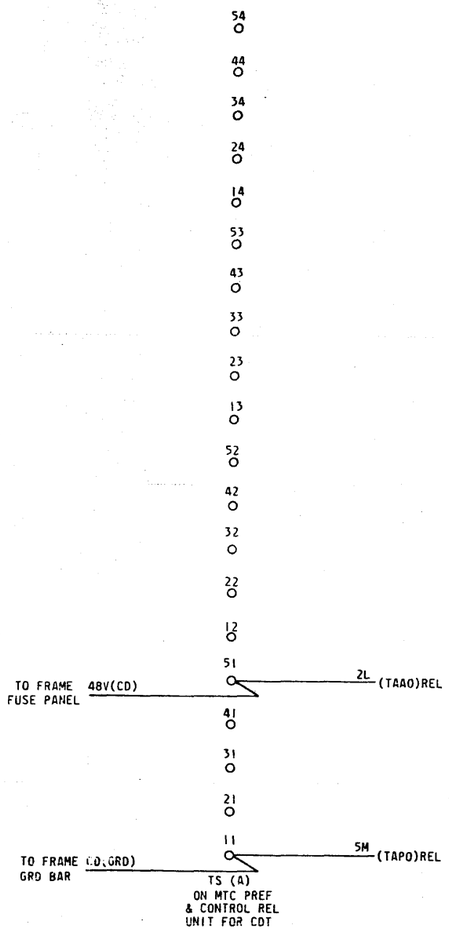


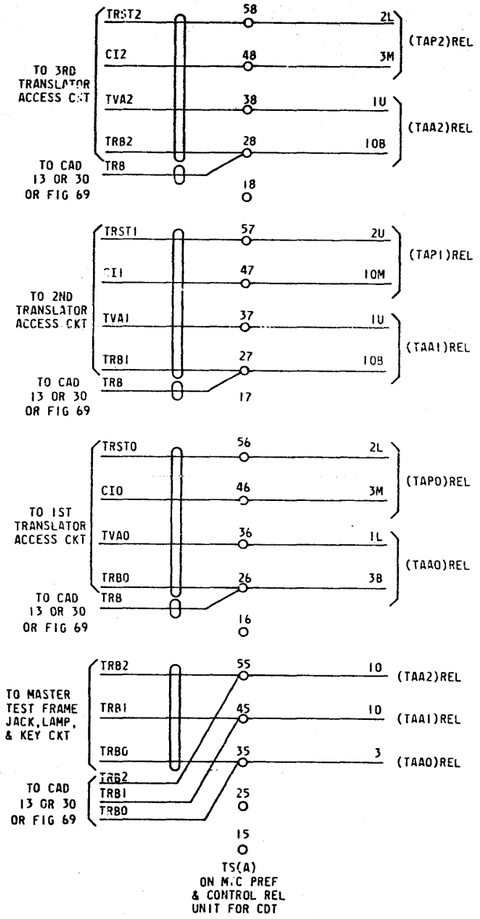


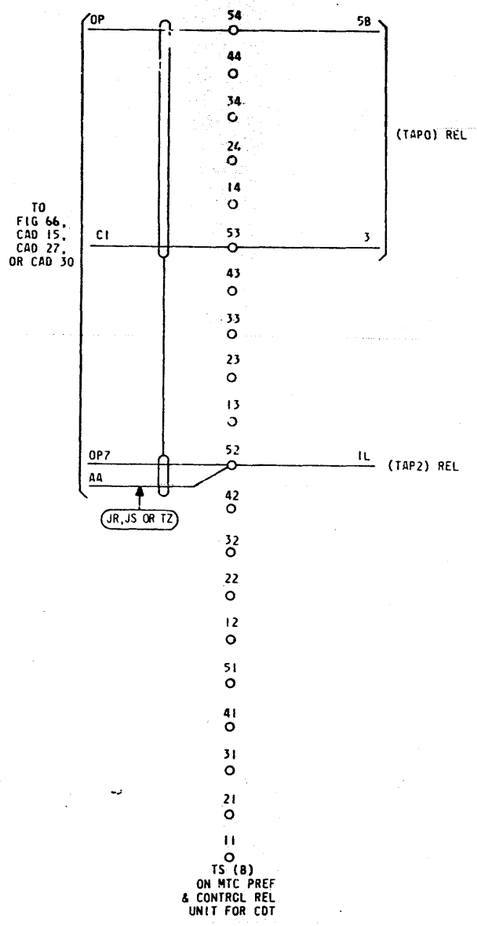


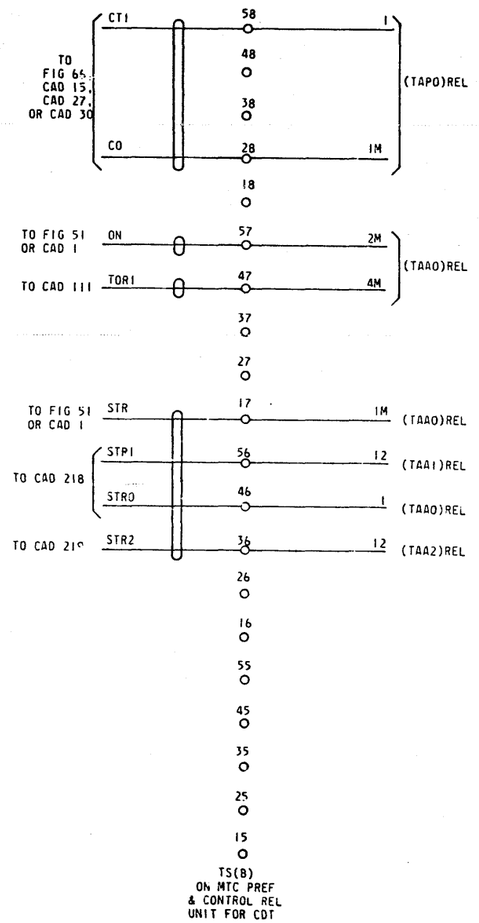
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	G133

CAD 221
(FOR APP FIG 62)





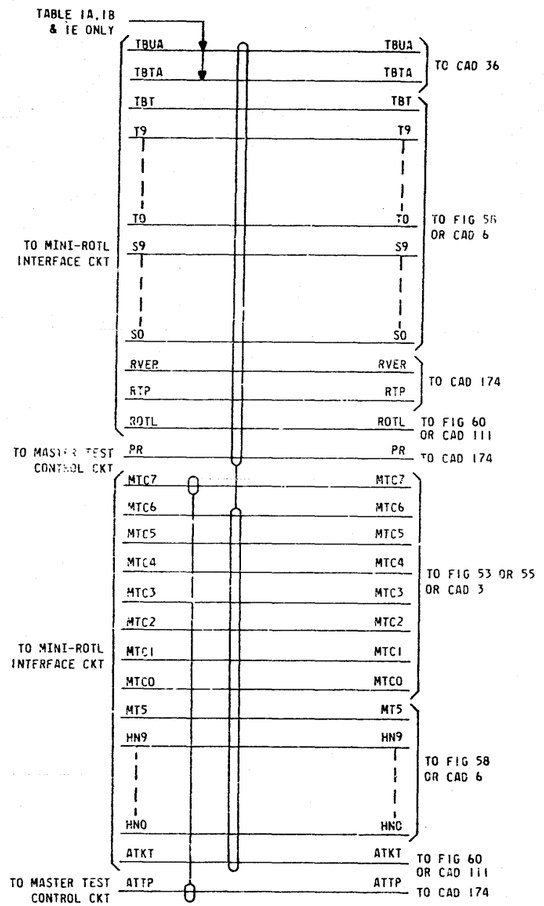




MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 65	ISSUE 97A
BELL LABORATORIES	SD-25805-01-		6154

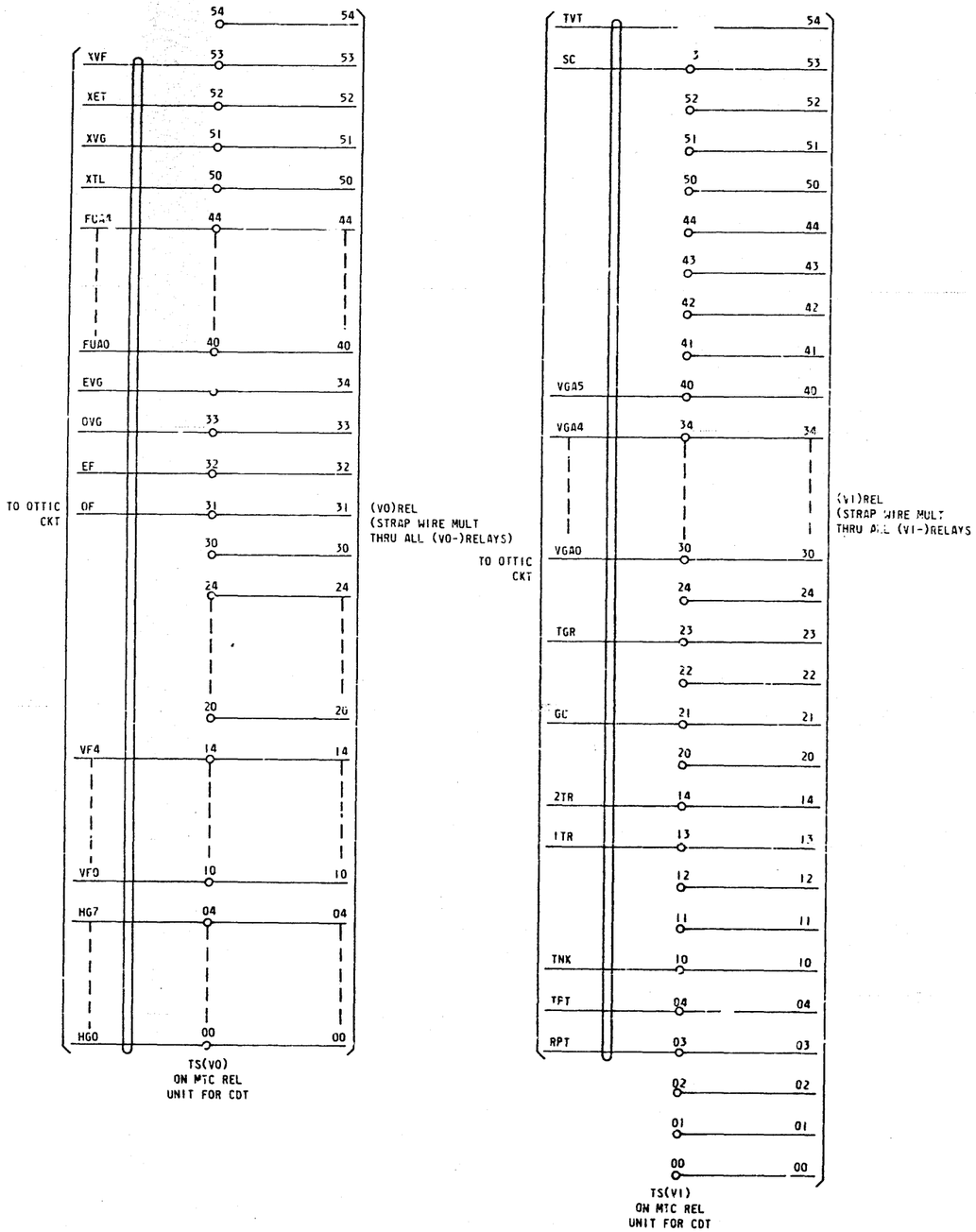
CAD 222

SWBO CABLE FROM
MINI-ROTL INTERFACE CKT



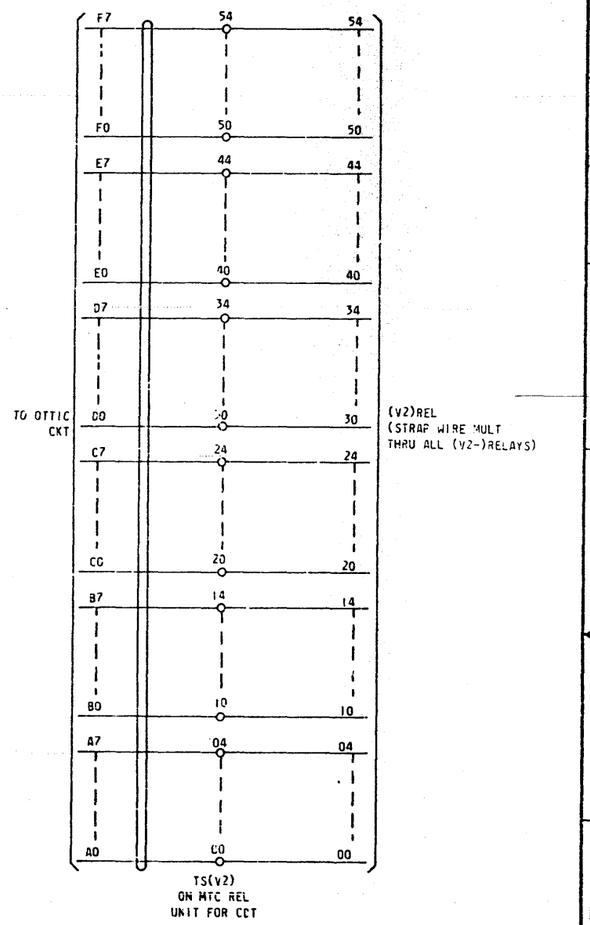
CAD 223

(FOR APP FIG 60)
(TABLE ID)



PART OF CAD 224

(FOR APP FIG 61)
(TABLE ID)

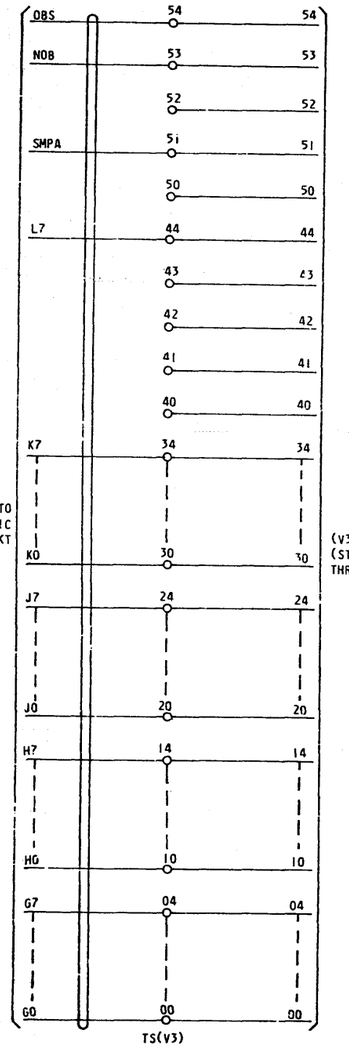


MASTER TEST FRAME CONNECTOR CKT			
		DWG SIZE 6S	ISSUE 39A
BELL LABORATORIES	SD-25805-01-		6155

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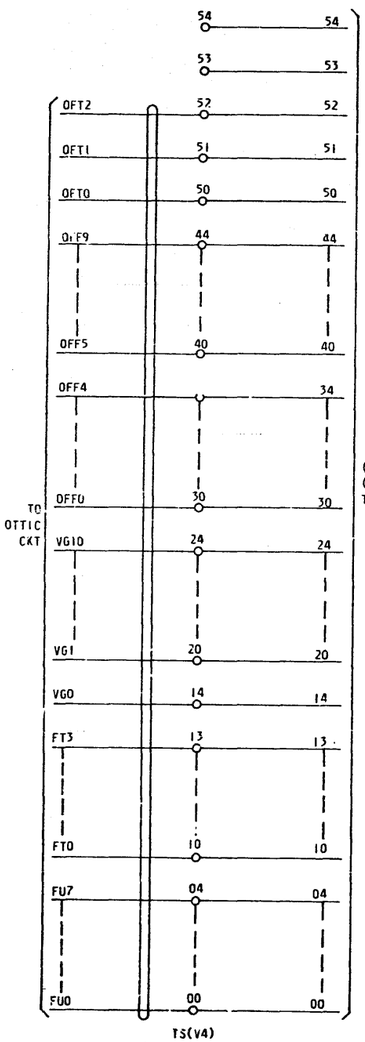
PART OF CAD 224

(FOR APP FIG 61)
(TABLE 10)



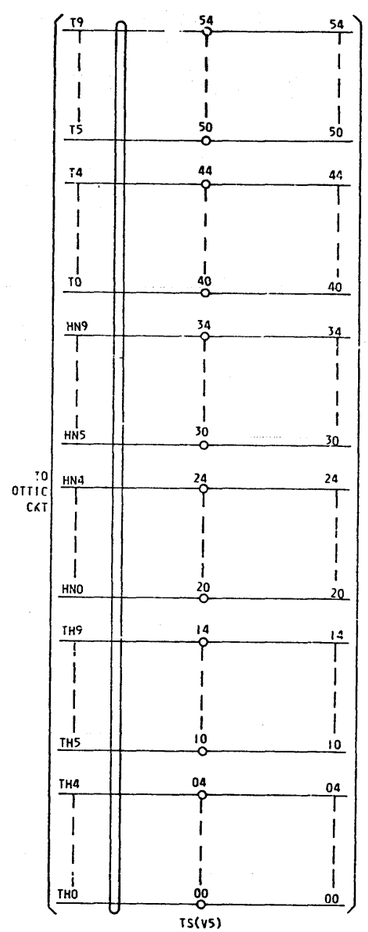
TS(V3)
ON MTC RELAY
UNIT FOR CDT

(V3)RELAY
(STRAP WIRE MULT
THRU ALL (V3-)RELAYS)



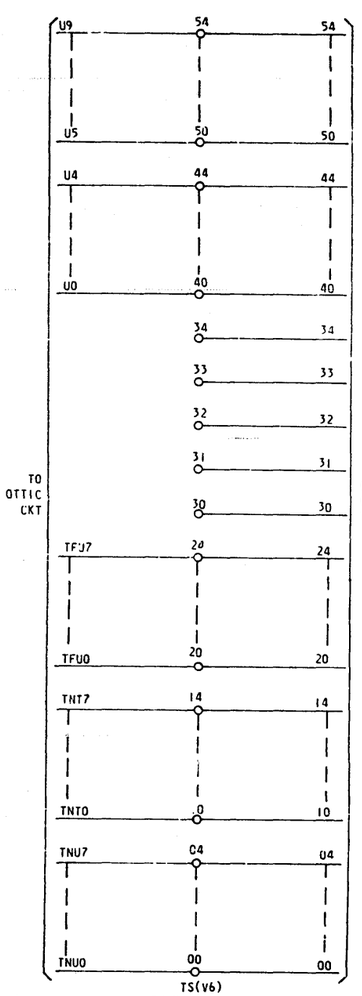
TS(V4)
ON MTC RELAY
UNIT FOR CDT

(V4)
(STRAP WIRE MULT
THRU ALL (V4-)RELAYS)



TS(V5)
ON MTC RELAY
UNIT FOR CDT

(V5)RELAY
(STRAP WIRE MULT
THRU (V5-)RELAYS)



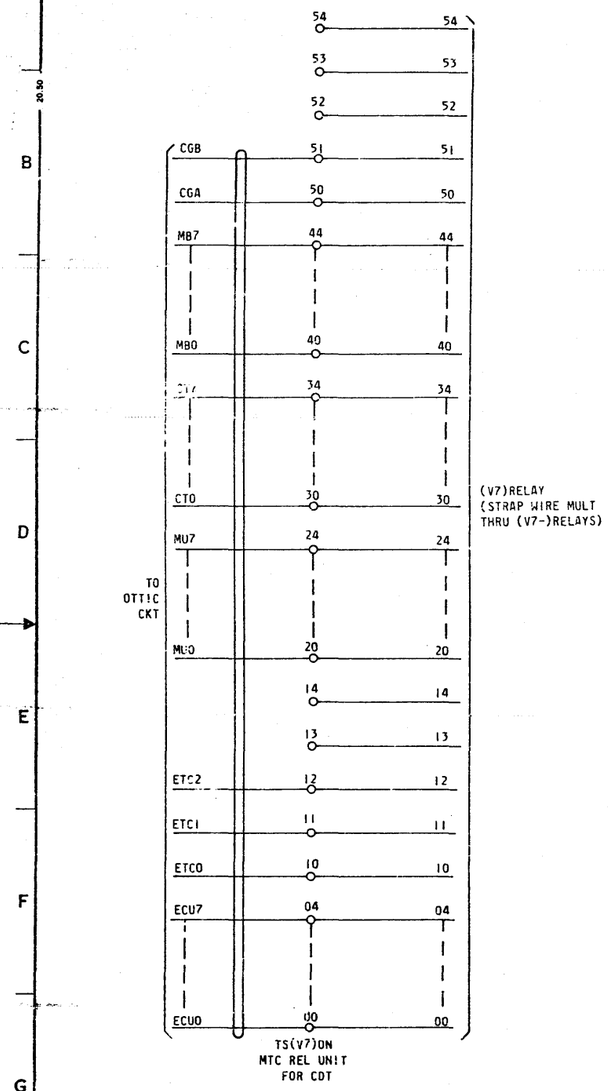
TS(V6)
ON MTC RELAY
UNIT FOR CDT

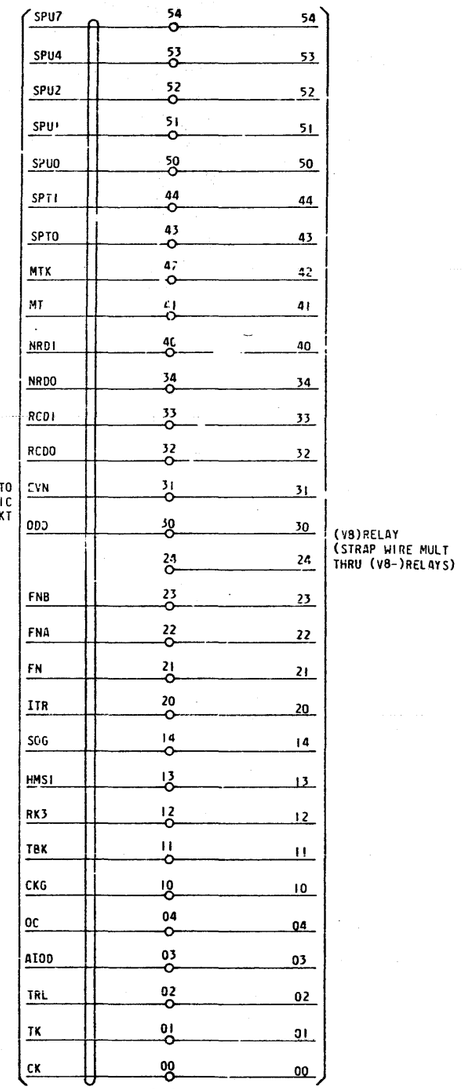
(V6)RELAY
(STRAP WIRE MULT
THRU (V6-)RELAYS)

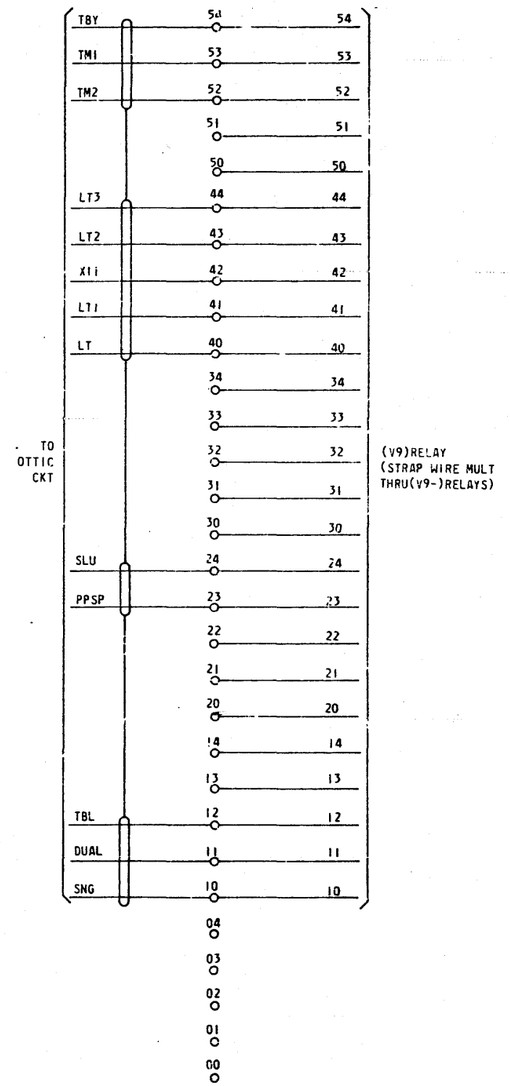
MASTER TEST FRAME CONNECTOR CKT	DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-25805-01-	6156

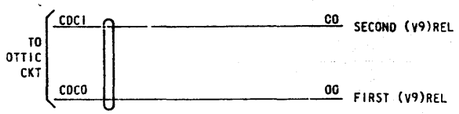
PART OF CAD 224

(FOR APP FIG 61)
(TABLE ID)





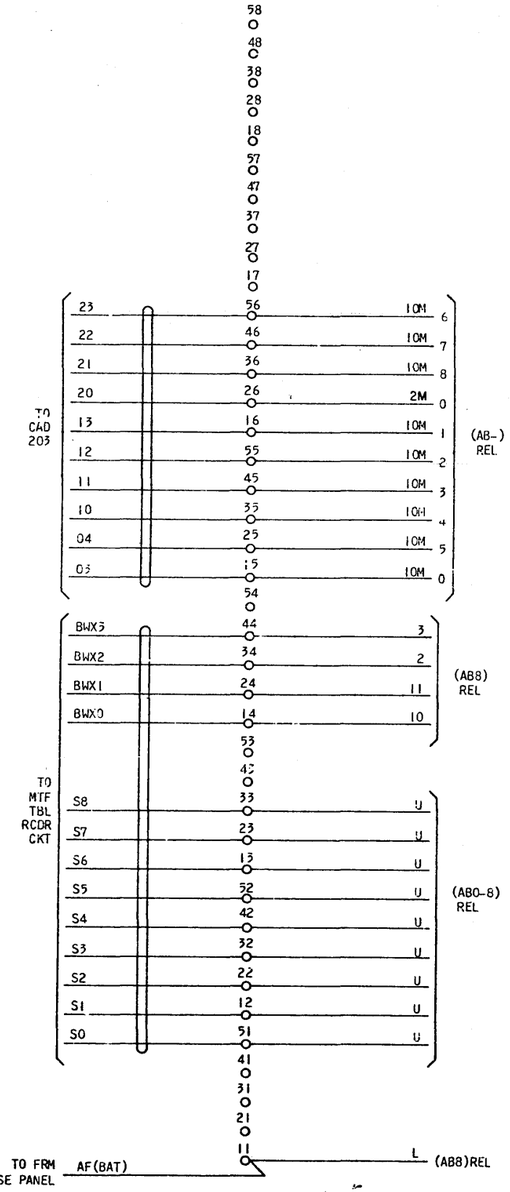




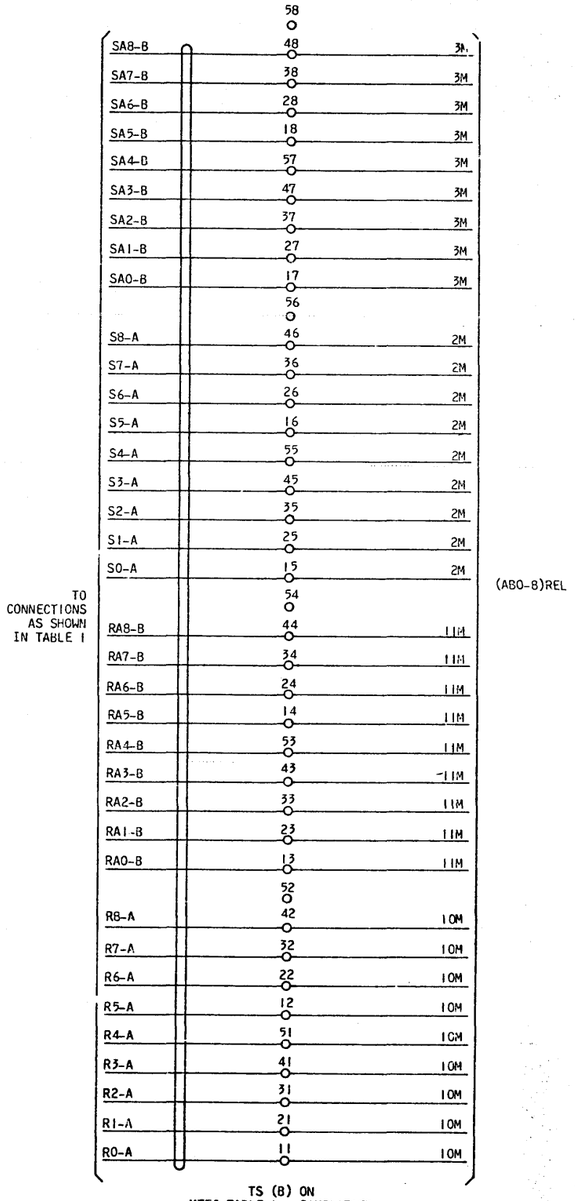
MASTER TEST FRAME CONNECTOR CKT		DWG SIZE 6S	ISSUE 97A
BELL LABORATORIES	SD-23805-01-		6157

CAD 226

(FOR APP FIG. 66)



TS (A) ON
MTFC TABLE I - SIMPLIFIED
TSPS/IDDD UNIT



TS (B) ON
MTFC TABLE I - SIMPLIFIED
TSPS/IDDD UNIT

MASTER TEST FRAME CONNECTOR CKT			
		Drwg SIZE 6S	ISSUE 102A
BELL LABORATORIES	SD-25805-01-		58