

SHEET INDEX

CONTENTS	SHEET NO.	ISSUE NO.																								
		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
SHEET INDEX SUPPORTING INFORMATION	A1	1	2	3	4	5																				
LEAD INDEX	A2	2	2	2	2																					
FS 1 SYSTEM STATUS PANEL CIRCUIT APP FIG. 1	B1 C1	1	2	2	2	2																				
CIRCUIT NOTES EQUIPMENT NOTES INFORMATION NOTES	D1	1	2	2	2	5																				
CPS 1 SYSTEM STATUS PANEL CIRCUIT	J1	1	2	3	4	4																				
	J2	1	2	3	3	3																				
	J3	1	2	2	2	2																				
	J4	1	2	3	3	3																				

CONTENTS	SHEET NO.	ISSUE NO.																								
		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

DWG ISSUE	CD ISSUE	DATE ISSUED	BY	APPV
1	1	4-5-74	AS	UPL
2A	2A	7-16-75	DNR	RFG
3A	2A APPX 1A	7-1-77	TAB	TKS LEG JBD
4D	2A APPX 2D	7-1-77	TAB	TKS LEG JBD
5B	2A APPX 3B	7-1-77	TAB	TKS LEG JBD

SHEET INDEX NOTES

- WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
- 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.
- THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
- SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
- 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.

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

ISSUE **5B**

1N98

AT&T
STANDARD

COMMON SYSTEMS
SYSTEM STATUS PANEL
CIRCUIT

(SSP) **2**

BELL TELEPHONE LABORATORIES
INCORPORATED **65**

SD-IC906-01-A1
9 SHEETS

LEAD INDEX

A	DESIG	FS	LOCATION	DESIG	FS	LOCATION
	SSPC CKT			SSPC CKT (CONT)		
A	BR24534	1E7		KMR2261	1B5	
	BR48531	1E7		KMR2271	1B5	
	AC	1E7		KMR3001	1G5	
	BT	1E5		KMR3021	1D7	
B	DISK1	1G5		KMR3031	1D7	
	ELTB	1G7		KMR3041	1G7	
	ELTM	1G7		KMR3051	1G7	
	ELTR	1G7		KMR3061	1E5	
B	GADB	1E7		KMR3071	1G7	
	IFBR1	1G5		KMR3101	1B5	
	INMR0011	1G9		KMR3111	1B5	
	KMR0001	1E7		KMR3121	1B7	
C	KMR0011	1D7		KMR3131		
	KMR0021	1G5		KMR3141		
	KMR0031	1G5		KMR3151		
	KMR0041	1G5		KMR3161		
C	KMR0051	1D7		KMR3171		
	KMR0061	1E5		KMR3201		
	KMR0101	1G7		KMR3211	1E7	
	KMR0111	1G7		KMR3221		
C	KMR0121	1G7		KMR3231	1E5	
	KMR0131	1G7		KMR3241	1E5	
	KMR0141	1D5		KMR3251	1E7	
	KMR0151	1E5		KMR3261	1B5	
D	KMR0161	1D5		KMR3271	1B5	
	KMR0171	1D7		KRO0100	1G7	
	KMR0171	1G5		KRO0110	1B9	
	KMR021	1E5		KRO1100	1D7	
D	KMR1031	1E5		KRO1110	1D9	
	KMR1041	1G5		KRO2100	1G5	
	KMR1051	1G7		KRO2110	1B9	
	KMR1061	1E5		KRO3100	1G7	
D	KMR1071	1E5		KRO3110	1B9	
	KMR1101	1B5		KRO4100	1G5	
	KMR1111	1E7		KRO4110	1B9	
	KMR1121	1D5		KRO6100	1E5	
E	KMR1131			KRO6110	1B9	
	KMR1141			KR11100	1E5	
	KMR1151			KR17100	1E5	
	KMR1161			KR17110	1B9	
E	KMR1171	1B5		KR30100	1G5	
	KMR1201	1D7		KR30110	1B9	
	KMR1211	1B7		KR32100	1E7	
	KMR1221	1E5		KR32110	1E9	
F	KMR1231	1E5		KR33100	1E7	
	KMR1241	1E5		KR33110	1E9	
	KMR1251	1E5		KR34100	1E7	
	KMR1261	1D5		KR34110	1E9	
F	KMR1271	1E5		KR35100	1E5	
	KMR2001	1D5		KR35110	1E9	
	KMR2101	1D5		KR36100	1E5	
	KMR2111	1D5		KR36110	1B9	
G	KMR2121	1D5		KR37100	1G7	
	KMR2131	1D5		KR37110	1B9	
	KMR2141	1D5		KR101110	1B9	
	KMR2151	1B7		LCPB0	1E7	
G	KMR2161	1B7		LT10J	1D9	
	KMR2171	1B7		MJ0ALM10	1E7	
	KMR2201	1B5		MN	1E7	
	KMR2211			MNR	1E7	
G	KMR2221			PATO	1E7	
	KMR2231			PFR0	1E7	
	KMR2241			PTINBUT1	1E7	
	KMR2251	1B5		SSPPWDF1	1E5	
H				SSP24LED	1E7	
				SSP24LMP	1E7	

2A

SYSTEM STATUS PANEL	(2)	SD-IC906-01-A2
BELL TELEPHONE LABORATORIES INCORPORATED	6S	MADE IN U.S.A.

0 1 2 3 4 5 6 7 8 9

FS I
SYSTEM STATUS PANEL CIRCUIT

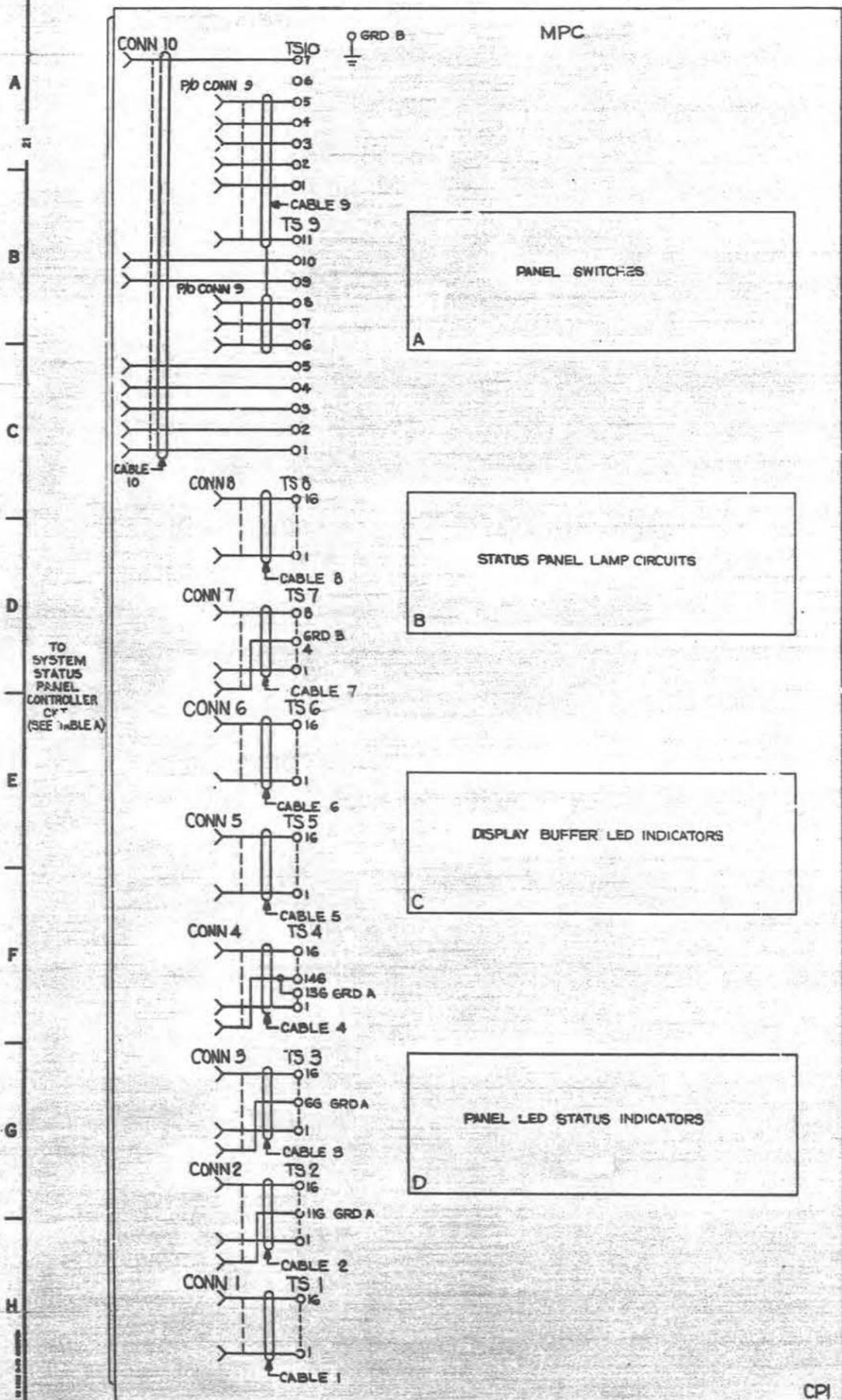


TABLE A

SYSTEM STATUS PANEL CKT					SYSTEM STATUS PANEL CONTROLLER CKT				
T.S.	TERM. NO.	LEAD DESIG	EQPT LOC	PIN NO.	T.S.	TERM. NO.	LEAD DESIG	EQPT LOC	PIN NO.
1	1	KMR3241		101	5	1	KMR3121		111
	2	3261		001		2	3131		112
	3	3271		102		3	3141		112
	4	3231		002		4	3151		012
	5	2201		103		5	3161		113
	6	2211		003		6	3171		013
	7	2221		104		7	3201		114
	8	2231		004		8	3211		014
	9	2241		105		9	3221		115
	10	2251		005		10	3251		015
	11	2261		106		11	1211		116
	12	2271		006		12	2151		016
	13	3101		107		13	2161		117
	14	3111		007		14	KMR2171		017
	15	1101		108		15	SPARE		118
	16	KMR1111		008		16	PATO		018
2	1	KRR1121		111	6	1	MN		101
	2	1131		011		2	MNR		001
	3	1141		112		3	KMR0011		102
	4	1151		012		4	KMR1201		002
	5	1161		113		5	KMR3021		103
	6	1171		013		6	KR33100		003
	7	2101		114		7	KMR3031		104
	8	2111		014		8	KMR3041		004
	9	2121		115		9	KMR0051		105
	10	2131		015		10	KR34100		005
	11	KMR2141		116		11	SPARE		106
	116	GRD A		110		12	KR32100		006
	12	KMR0161		016		13	PTIMRUT1		107
	13	0151		117		14	KR01100		007
	14	0141		017		15	MJ0ALM10		108
	15	2001		118		16	KMR0171		008
16	KMR1261		018						
3	1	KMR1251		301	7	1	PFRD	CTF03-26 CONN 7	17
	2	1231		201		2	SSP24LMP	TS 1	37
	3	1241		302		3	AD	CTF03-26 CONN 7	
	4	1271		202		4	GRD B	TS 1	
	5	1221		303		5	SSP24LED	TS 1	
	6	KMR1061		203		6	LCPRD	CTF03-27 CONN 7	27
	66	GRD A		300		7	AB24534	CTF03-28 CONN 7	07
	7	KMR1031		304		8	AB48531	CTF03-27 CONN 7	37
	8	KMR1021		204					
	9	SSPPMBF1		305					
	10	B1		205					
	11	KR35100		306					
	12	KMR0051		206					
	13	KR06100		307					
	14	KMR3061		207					
	15	KR36100		308					
16	KMR1071		208						
4	1	KR17100		311	8	1	KMR1051		111
	2	KMR0041		211		2	0001		011
	3	KR04100		312		3	3051		112
	4	KMR3001		212		4	0101		012
	5	KR30100		313		5	0111		113
	6	KR1041		213		6	0121		013
	7	DISR1		314		7	KMR0131		114
	8	KMR0021		214		8	KR00100		014
	9	KR02100		315		9	ELTM		115
	10	KMR0031		215		10	ELTR		015
	11	KMR1011		316		11	ELTB		116
	12	11FBR1		216		12	KR03100		016
	13	KR11100		317					
	136	GRD A		310					
	14	SPARE		217					
	146	GRD A		310					
15	SPARE		318						
16	SPARE		218						

* - LEADS FOLLOWED BY AN ASTERISK (*) SHALL BE 100% COAX ALL OTHER LEADS ON CONN 9 AND 10 SHALL BE PAIRED 26 GA. 2Y.

2A

SYSTEM STATUS PANEL

SD-1C906-01-B1

BELL TELEPHONE LABORATORIES
INCORPORATED

65

0 1 2 3 4 5 6 7 8 9

APP FIG. 1

PANEL BACKPLANE ASSEMBLY

DESIG	LOC	CODE
MPC	1A2	ED-4C307

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

2A

SYSTEM STATUS PANEL		②	SD-1C906-01-C1
BELL TELEPHONE LABORATORIES INCORPORATED			
		6S	

0 1 2 3 4 5 6 7 8 9

CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
SSP24LED	1 1/4		APP FIG. 1
SSP24LMP	1 1/3		APP FIG. 1

BATTERY SYMBOL	VOLTAGE RANGE
SSP24LED	+24VDC ±2.5
SSP24LMP	+24VDC ±2.5

102.

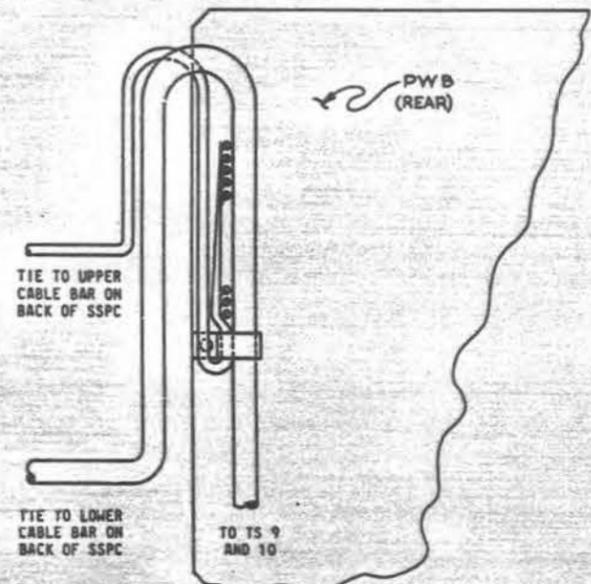
FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR MFG	QUANTITY

103.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD

EQUIPMENT NOTES:

201. SEPARATE WIRES COMING FROM TS 7 OF THE PWB FROM THE WIRES COMING FROM TS 9 AND 10 OF THE PWB AS SHOWN IN SKETCH BELOW. IN ADDITION TO SEPARATING THE WIRES, TWIST (LOOSE TWIST) SSP24LED, SSP24LMP AND GRDB TOGETHER. ALSO TWIST (LOOSE TWIST) PFRD, AD, LCPB0, AB24534 AND AB48531 EACH WITH A SEPARATE JRD WIRE. CONNECT GRD WIRES ONLY AT BERG CONNECTOR END.



INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS
CAPACITANCE VALUES ARE IN MICROFARADS
INDUCTANCE VALUES ARE IN MICROHENRIES
VALUES PRECEDED BY THE SYMBOL +(PLUS)
OR -(MINUS) ARE IN VOLTS.

302.

DESIG	RELATED LEAD NAME	RELATED SW NO.	STATUS PANEL NAME	
			NO. 2B ESS	NO. 3 ESS
LAMP				
DS 1.00	KMR1091	S21	PASS	PASS
1.01	KMR1021	S22	FAIL	FAIL
1.02	KMR0051	S05	EXECUTE	EXECUTE
1.03	KMR0041	S14	TTY INIT	TTY INIT
1.04	KMR0031	S18	SELECT 1	SELECT 1
1.05	KMR0021	S17	SELECT 0	SELECT 0
1.06	KMR0011	S20	LOCK	LOCK
1.07	KMR0001	S09	ENABLE	ENABLE
1.08	KMR1211	S23	MAJOR EQPT LOSS	MAJOR EQPT LOSS
1.09	KMR1201	S24	SYSTEM NORMAL	SYSTEM NORMAL
1.10	KMR1071	S13	INIT EXECUTE	INIT EXECUTE
1.11	KMR3061	S12	RECENT CHANGE	PAST OFFICE DATA
1.12	KMR1051	S03	ALT BUS	ALT BUS
1.13	KMR1041	S16	DISABLE REMOTE ACCESS	DISABLE REMOTE ACCESS
1.14	KMR1011	S19	FORCE	FORCE
1.15	PTIMBUT1	S25	PANEL TIME OUT	PANEL TIME OUT
1.16	KMR0061	S11	MEMORY RELOAD	MEMORY RELOAD
1.17	KMR0051	S10	STABLE CALLS	STABLE CALLS
1.18	KMR3041	S07	ALARM RELEASE	ALARM RELEASE
1.19	KMR3031	S08	ALARM TRFR	ALARM TRFR
1.20	KMR3021	S06	INHIBIT BUILDING ALARM	INHIBIT BUILDING ALARM
1.21	KMR3001	S15	EMER LINE TRFR	EMER LINE TRFR
1.22	LCPB0	S1	CIRCUIT POWER	CIRCUIT POWER
1.23		S2	LAMP POWER	LAMP POWER
1.24		S4	LAMP & POWER TEST	LAMP & POWER TEST
DS 1.25	KMR3071	S26	BACKDT OFFICE DATA	BACKDT OFFICE DATA
CR1.00	KMR2201		DISPLAY BUFFER BIT 0	DISPLAY BUFFER BIT 0
01	KMR2211		1	1
02	KMR2221		2	2
03	KMR2231		3	3
04	KMR2241		4	4
05	KMR2251		5	5
06	KMR2261		6	6
07	KMR2271		7	7
08	KMR3101		8	8
09	KMR3111		9	9
10	KMR3121		10	10
11	KMR3131		11	11
12	KMR3141		12	12
13	KMR3151		13	13
14	KMR3161		14	14
15	KMR3171		15	15
16	KMR3201		16	16
17	KMR3211		17	17
18	KMR3221		18	18
19	KMR3231		19	19
20	KMR3241		20	20
21	KMR3251		21	21
22	KMR3261		22	22
23	KMR3271		DISPLAY BUFFER BIT 23	DISPLAY BUFFER BIT 23
24	KMR0171		UNAVAILABLE	UNAVAILABLE
25	KMR0161		OUT OF SERVICE	OUT OF SERVICE
26	KMR0151		STANDBY	STANDBY
CR1.27	KMR0141		ACTIVE	ACTIVE

302. (CONT)

DESIG	RELATED LEAD NAME	RELATED SW NO.	STATUS PANEL NAME	
			NO. 2B ESS	NO. 3 ESS
CR1.28	KMR0131		UNAVAILABLE	UNAVAILABLE
29	KMR0121		OUT OF SERVICE	OUT OF SERVICE
30	KMR0111		STANDBY	STANDBY
31	KMR0101		ACTIVE	ACTIVE
32	KMR1061		SERVICE LOSS	SERVICE LOSS
33	KMR2001		CRITICAL	CRITICAL
34	KMR1261		MAJOR	MAJOR
35	KMR1251		MINOR	MINOR
36	KMR1241		MINOR POWER	MINOR POWER
37	KMR1231		MAJOR POWER	MAJOR POWER
38	KMR1221		ALARM CIRCUIT	ALARM CIRCUIT
39	KMR2171		TTYC	TRK LIM
40	KMR1101		MISC	MISC
41	KMR1111		RA	AMA
42	KMR1121		RT	RT
43	KMR1131		AMA	PPD
44	KMR1141		SCAN	SC
45	KMR1151		NET	NWC
46	KMR1161		MAS	CU
47	KMR2141		TDC	TDC
48	KMR2151		CKT LIM	TTYC
49	KMR2161		BLDG	SVC LIM
50	KMR1271		FUSE	FUSE
51	KMR1171		ATI	FORCED
52	KMR2101		TOLL NET	BLDG
53	KMR2111		DSP	DSP
54	KMR2121		TRAFFIC	BVLD ANN
CR1.55	KMR2131		MANUAL FORCED	MRP ACT
			SWITCH	
		S1	CIRCUIT POWER	CIRCUIT POWER
		S2	LAMP POWER	LAMP POWER
		S3	ALT BUS	ALT BUS
		S4	LAMP & POWER TEST	LAMP & POWER TEST
		S5	EXECUTE	EXECUTE
		S6	INHIBIT BUILDING ALARM	INHIBIT BUILDING ALARM
		S7	ALARM RELEASE	ALARM RELEASE
		S8	ALARM TRFR	ALARM TRFR
		S9	ENABLE	ENABLE
		S10	STABLE CALLS	STABLE CALLS
		S11	MEMORY RELOAD	MEMORY RELOAD
		S12	RECENT CHANGE	PAST OFFICE DATA
		S13	INIT EXECUTE	INIT EXECUTE
		S14	TTY INIT	TTY INIT
		S15	EMER LINE TRFR	EMER LINE TRFR
		S16	DISABLE REMOTE ACCESS	DISABLE REMOTE ACCESS
		S17	SELECT 0	SELECT 0
		S18	SELECT 1	SELECT 1
		S19	FORCE	FORCE
		S20	LOCK	LOCK
		S26	BACKDT OFFICE DATA	BACKDT OFFICE DATA

* ALTERNATE BUS REFERS TO -48B OR +24B BUS POWER FOR THE SSP AND SSPC CIRCUITS AND +24A BUS POWER FOR THE MAINTENANCE FRAME POWER CIRCUIT.

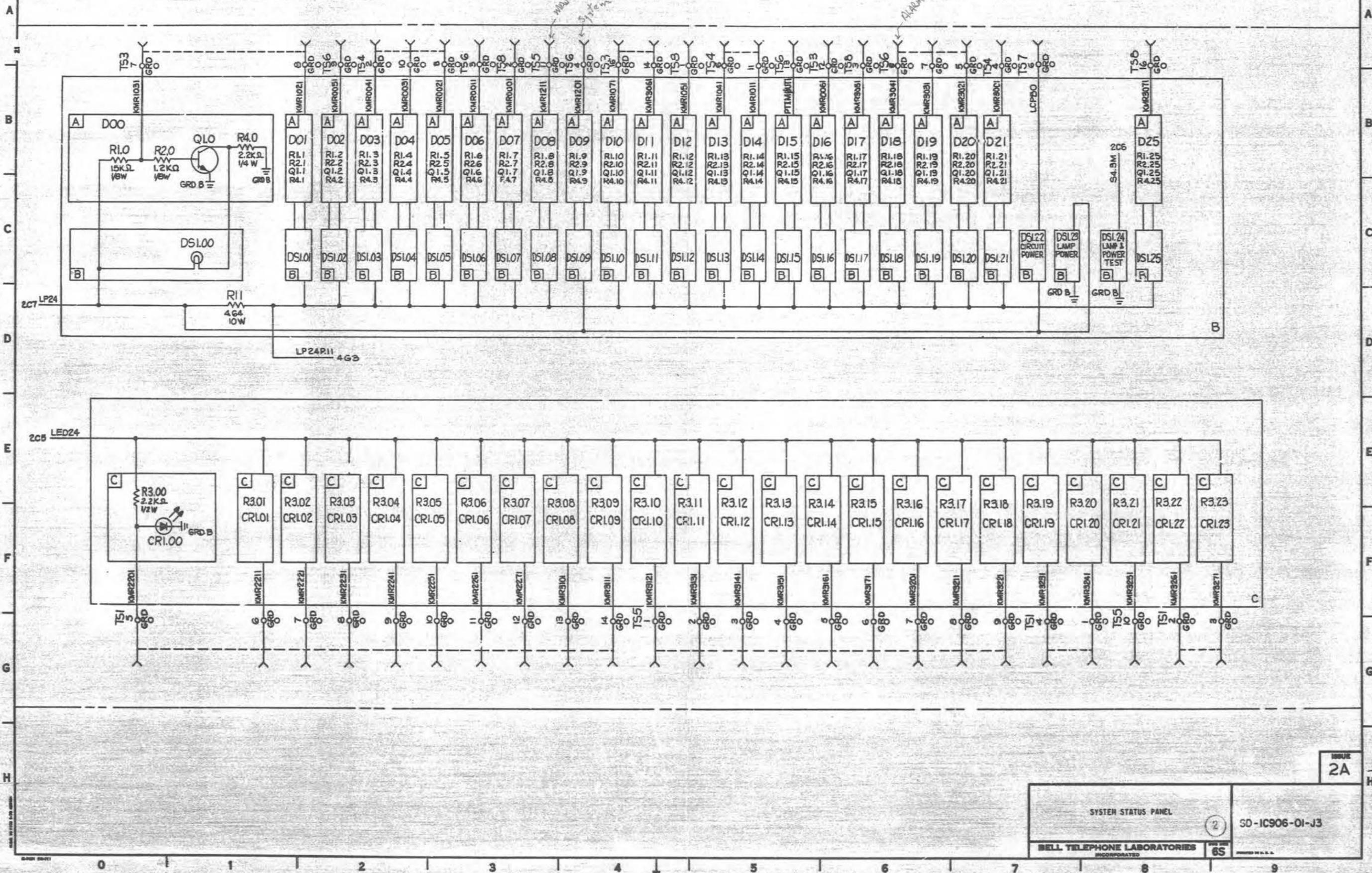
58

SYSTEM STATUS PANEL	2	SD-IC906-01-01
BELL TELEPHONE LABORATORIES	65	PHOTO BY A.S.

PART OF CPS I
SYSTEM STATUS PANEL CIRCUIT

MINIMUM 24 Hrs
System Normal

ALARM RZ-LDASZ



ISSUE
2A

SYSTEM STATUS PANEL

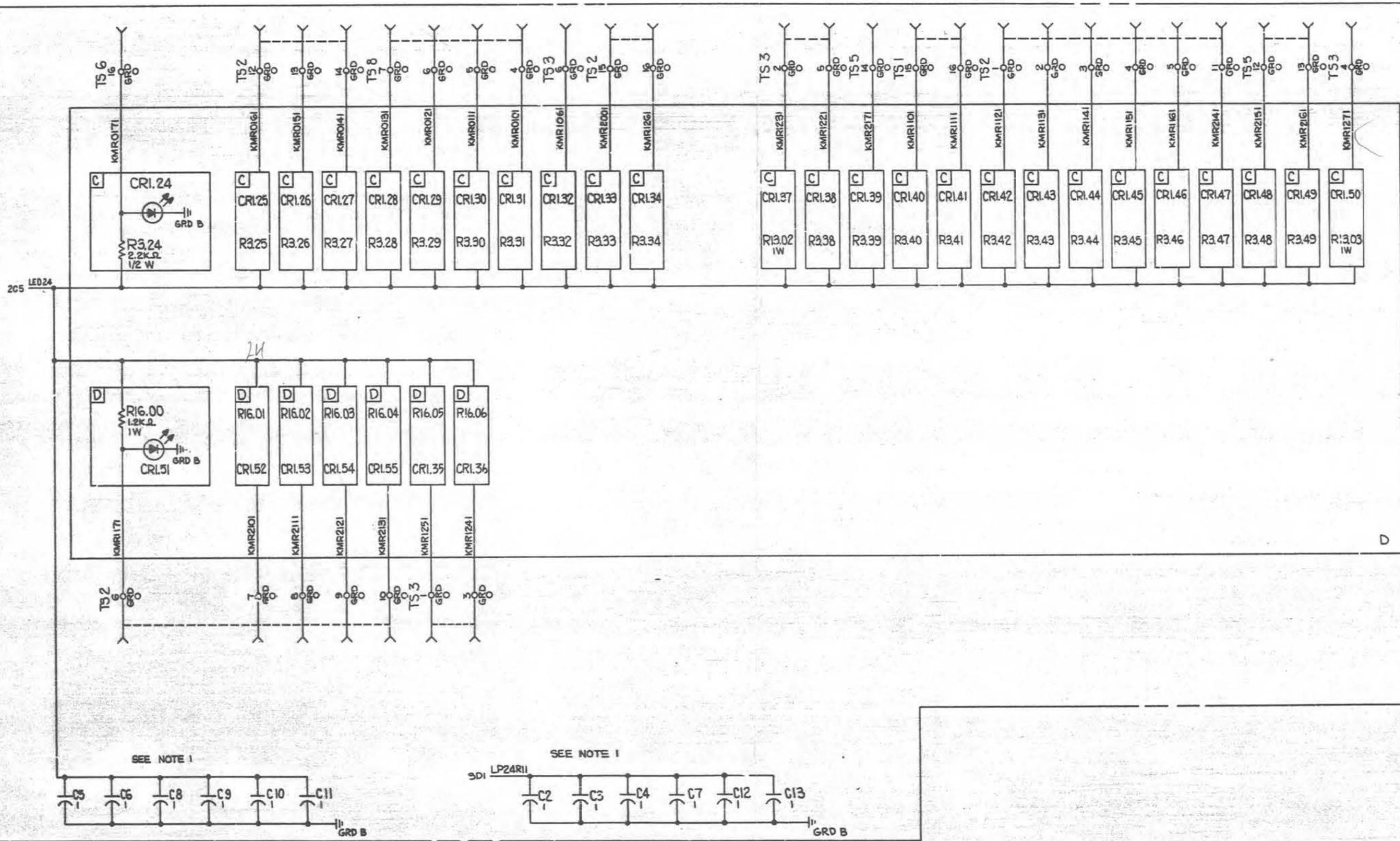
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SD-IC906-01-J3

BELL TELEPHONE LABORATORIES
INCORPORATED

65

PART OF CPS I
SYSTEM STATUS PANEL CIRCUIT



NOTES:
1. CAPACITORS C2-C13 ARE PLACED STRATEGICALLY THROUGHOUT THE CIRCUIT FOR DECOUPLING.

SYSTEM STATUS PANEL	2	SD-1C906-01-J4
BELL TELEPHONE LABORATORIES INCORPORATED	65	MADE IN U.S.A.

3A