

SEQ#	EC#	STATUS	FLD B/M	FCSI #	TIME	ECA#	DATE
A0052	814104	PRES LVL					
A0053	711161	INQUIRY*					
A0054	816282	INSTALLD					
A0055	816333	INSTALLD					
A0056	713082	INQUIRY*					
A0057	816947	INQUIRY*					
A0058	819236	SHIPPED	0663139	339017	.5	000	20SEP74

B0158	FCT 814543	FACT LVL
B0161	FCT 814332	INSTALLD
B0164	FCT 814120	INSTALLD
B0166	FCT 814600	INSTALLD
B0167	FCT 814117	INSTALLD
B0169	FCT 709505	INSTALLD

R0016	REA C5300892	INSTALLD
R0019	REA C5301221	INSTALLD

Y0004	OPT 814112	INQUIRY*
Y0005	OPT 814477	INQUIRY*
Y0006	OPT 816286	INQUIRY*
Y0007	OPT 816288	INQUIRY*
Y0008	OPT 816316	INQUIRY*
Y0009	OPT 816981	INQUIRY*

FEAT BM	QTY	FEATURE NAME	STATUS	DATE	ACC	SHP-LVL-FCT
SEQ#	EC#	STATUS	FLD B/M	FCSI #	TIME	ECA# DATE
0644003	001	SHIPPING GROUP		INT	01NOV67	D0001 E0003
D0001	810702	PRES LVL				

E0003	FCT 809247	FACT LVL
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0644007	001	CGL DP CHARC SKY BLUE		INT	01NOV67	D0001 E0002
D0001	808234S	PRES LVL				

E0002	FCT 809389	FACT LVL
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0644015	001	LANGUAGE GROUP GERMAN		INT	01NOV67	D0004 E0008
D0004	925370	PRES LVL				

E0008	FCT 810665	FACT LVL
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0644504	001	220V 50CY 600 CPM		TBR	01MAY75	D0005 E0021
D0005	707044	PRES LVL				

E0021	FCT 811119B	FACT LVL
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0644700	001	COVER GROUP UPPER		INT	01NOV67	D0002 E0006
D0002	810584	PRES LVL				

E0006	FCT 809903	FACT LVL
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0647286	001	220V 50HZ B01 CONV		<i>Part</i> SHP	01MAY75	D0001 E0000
D0001	926826	PRES LVL				

0670171	001	ISOLATION FEAT REPACK		<i>Part</i> WR	01MAY75	D0001 E0000
D0001	926826	PRES LVL				

0894454	001	ENG. SPECIFICATIONS		INT	01NOV67	D0005 E0000
D0005	811201	PRES LVL				

## BASIC CUSTOMER FEATURES INSTALLED OR ORDERED

SHP-LVL-FCT	FEAT BM	QTY	FEATURE NAME	STATUS	
D0001	E0003	0644003	001	SHIPPING GROUP	INSTALLED
D0001	E0002	0644007	001	CGL DP CHARC SKY BLUE	INSTALLED
D0004	E0008	0644015	001	LANGUAGE GROUP GERMAN	INSTALLED
D0005	E0021	0644504	001	220V 50CY 600 CPM	<del>TO REMOVE</del> Jnt
D0002	E0006	0644700	001	COVER GROUP UPPER	INSTALLED
D0001	E0000	0647286	001	220V 50HZ B01 CONV	<del>SHIPPED</del> Jnt
D0001	E0000	0670171	001	ISOLATION FEAT REPACK	<del>WRITTEN</del> Jnt
D0005	E0000	0894454	001	ENG. SPECIFICATIONS	INSTALLED

PAGE NO. SH TITLE PART NO EC NO. FEATURE B/M OR B/MS

\*\* LOGIC TYPE SLT BOARDS 6

A-A1	CUSTEMIZSD BOARD ASSEMBLY ISOL F	0647406	816310	.W. 0670171
A-B1	CUSTEMIZSD BOARD ASSEMBLY ISOL F	0647408	816310	.W. 0670171
B-A1	CUSTOM BOARD ASM CARD IMAGE	0670010	816310	W/O 0691934 W/O 0692117

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE		SYSTEM DIAGRAMS		0	
8	F8C00	FUNCTION TEST SEC - 1 DATA DECK	0647504	811193B	.W. 0647286
8	F8C10	FUNCTION TEST SEC - 2 DATA DECK	0647506	811193B	.W. 0647286
8	F8C110	FUNCTION TEST SEC - 2 DATA DECK	0647507	811193	.W. 0647286

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE		SYSTEM DIAGRAMS	0		
CR100		BUS OUT LINE REC 1 BITS 0 1 2 3	0670040	814105	
CR101		BUS OUT LINE REC 2 BITS 4 5 6 7 P	0670041	814105	
CR102		BUS OUT PARITY DETECTION	0670042	811858K	
CR103		UNIT ADDRES SELECT+TEST I/O CODE	0670043	811858K	
CR110		BUS IN MIX+LINE DRIV BITS 012	0670128	814115	.W. 0670171
CR111		BUS IN MIX+LINE DRIV BITS 34	0670129	814115	.W. 0670171
CR112		BUS IN MIX+LINE DRIV BITS 5 6	0670130	814115	.W. 0670171
CR113		BUS IN MIX+LINE DRIV BITS 7P	0670131	814115	.W. 0670171
CR115		BUS IN PARITY GENERATOR	0670048	811858K	
CR120		CTRL OUT LINE RECEIVERS 1	0670149	814115	.W. 0670171
CR121		BUS OUT LINE RECEIVERS 1	0670132	814115C	.W. 0670171
CR122		CTRL AND TAG IN LINE DRIVERS	0670133	814460	.W. 0670171
CR130		BUFFER+CHECK REGISTER CTRL	0670052	812426	
CR131		BUFER FULL+CHECK REGST FULL LTC	0670134	814460	.W. 0670171
CR140		BUFFE+CHECK REGISTER BIT P 0 1	0670054	811858K	
CR141		BUFFE+CHECK REGISTER BIT 2 + 3	0670055	811858K	
CR142		BUFFE+CHECK REGISTER BIT 4 + 5	0670056	811858K	
CR143		BUFFE+CHECK REGISTER BIT 6 + 7	0670057	811858K	
CR150		9-BIT MATCH BITS 0 1 2 3 4 5	0670058	811858K	
CR151		9-BIT MATCH BITS 6 7 P	0670059	811858K	
CR152		CHECK REG PARITY GENERATOR	0670060	811858K	
CR160		OUT TAG GATE+DEC BOX IN MIX GTS	0670061	812426	
CR161		ADRSS MTCH+OPERATIONAL IN LATCH	0670172	814115	.W. 0670171
CR162		ADRSS IN STAT IN+SERVICE IN LTC	0670173	814115	.W. 0670171
CR163		PROCEED+S-IN TAG LTCS CTRL REST	0670135	814115	.W. 0670171
CR164		COMM ITRLK 1+2 TEST I/O LTC	0670136	814460	.W. 0670171
CR165		REQ+STOP+QUEVED LATCHES	0670066	812426	
CR166		SERV REQ INTERRUPT REQ	0670067	811858K	
CR167		READ COMMAND UNIT CHK COMM STORED	0670174	814115	.W. 0670171
CR168		CHANNEL END DEV END CHNL END RLT	0670069	811858K	
CR200		INV COMM ST CHECK UNIT EXC LATCH	0670070	812426	
CR201		METER LATCH+SET UNIT CHECK LATCH	0670137	816310	.W. 0670171
CR210		READY AND RUN LATCH	0670138	816310	.W. 0670171
CR211		FEED CLUTCH AND FEED LATCHES	0670139	814466	.W. 0670171
CR212		CARD CYC CARD IN PRE-READ+COL	0670140	816310	.W. 0670171
CR213		LAST CARD AND END OF FILE AND1400	0670141	814115	.W. 0670171
CR220		FEED CHECK LATCH AND RUN IN CYCL	0670142	814115	.W. 0670171
CR221		BUS OUT CHECK READ CHCK+VAL CHCK	0670077	812426	
CR222		OVERRUN+LAMP CHCK LTCH CTRL PNL	0670143	816310	.W. 0670171
CR223		READ CTRL SENSE LATCHES	0670079	816310	
CR230		MOTOR CTRL AND RESETS	0670144	816310	.W. 0670171
CR231		MAGNET DRIVERS AND METER RELAY	0670145	814466	.W. 0670171
CR232		READ EMIT AND CB PULSES	0670146	814115	.W. 0670171
CR240		READ STATION 1 12 11 0 1 2 3	0670083	812426	
CR241		READ STATION 2 4 5 6 7 8 9	0670084	812426	
CR250		12-8 BIT TRANSLATOR GATING CIRCTS	0670085	811858K	
CR251		12-8 BIT TRANSLATOR BIT 0	0670086	811858K	
CR252		12-8 BIT TRANSLATOR BITS 1 2	0670087	811858K	
CR253		12-8 BIT TRANSLATOR BITS 3 4	0670088	811858K	
CR254		12-8 BIT TRANSLATOR BITS 5 6 7	0670089	811858K	
CR255		INVALID CARD CODE AND ALL CELLS	0670090	812426	
CR260		COL 81 IDENT TGRS 1-8	0670091	811858K	
CR261		COL 81 IDENT TGRS 16-64	0670092	811858K	
CR270		CE CTRL	0670147	814115	.W. 0670171
CR271		CE CTRL SWITCHES	0670148	814115C	.W. 0670171

** LOGIC TYPE		REFERENCE DATA	5		
A1000	1	SOCKET LISTING	0670125	816310	W/O 0691933 .W. 0670171
A1000	2	SOCKET LISTING	0670125	816310	W/O 0691933 .W. 0670171
A2000	1	SOCKET LISTING	0670126	816310	W/O 0691933 .W. 0670171
A2000	2	SOCKET LISTING	0670126	816310	W/O 0691933 .W. 0670171
A5000		SOCKET LISTING	0670127	816310	.W. 0670171
A6000		ADRS SELECT AND ADRS GENERATE WRG	0670038	811858K	
A7000		SELECT PROPAGATION CARD WIRING	0670039	811858K	
WC280		INTERFACE SERPENT CONNECT TO A-A1	0670095	814105	.W. 0670171
YA001		POWER SUPPLY 12V DC 50CY	0670189	814115	.W. 0647286 .W. 0670171
YA003		POWER SUPPLY 24_2,5V CD 50CY	0670191	814115B	.W. 0647286 .W. 0670171
YA005		AC LIST+POWER SEQUENCE 60CY	0670193	814115C	.W. 0647286 .W. 0670171
YA007		AC LIST+POWER SEQUENCE 50CY	0670195	816288	.W. 0647286 .W. 0670171
YA009		GATE A VOLT DISTRIBUTION	0670117	816310	.W. 0670171
ZZ013		SWITCHES AND LOAD RESISTORS	0670197	814115	.W. 0670171
ZZ015		CBS FEED MAGNETS INDIC LAMP	0670120	814479	.W. 0670171
ZZ017		REA STATION CONNECT	0670121	814117	.W. 0670171
ZZ019		POWER SEQUENCE BOX PICTORIAL	0670198	814115	.W. 0670171
ZZ021		FUSE+POWER SEQ BOX COMPON CHART	0670199	814957A	.W. 0670171
ZZ023		I-O T TEST CONN	0670124	814426	.W. 0670171

PAGE NO. SH TITLE PART NO EC NO. FEATURE B/M OR B/MS

\*\* LOGIC TYPE DIAGNOSTIC MANUAL 7

AAA	GENERAL INFORMATION INST	0647508	811193B	.W.	0647286
F8C00	READER FUNCTION TESTS	0647502	811193B	.W.	0647286
F8C01	READ FUNC TEST F8C01 + OBJEC DECK	0647503	811193B	.W.	0647286
F8C11	READ FUNC TEST F8C1 + OBJEC DECK	0647505	811193B	.W.	0647286

A1	CONNECTOR B03 CR130CE1 B04 CR130DT1 B05 CR130DU1 B07 CR131AC4 B08 CR140CS1 B09 CR141BE1 B10 CR141BJ1 B12 CR142BE1 B13 CR142BJ1 D02 CR143BE1 D04 CR143EJ1 D05 CR160CD4 D06 XR340BF4 D07 XR340CF4 D09 CR131AB4 D10 XR341CB4 D11 CR223BB4 D12 CR223AC4
A2	CONNECTOR B03 CR100AL6 B04 CR130EA4 B05 CR130DF4 B07 CR162BC4 B08 CR165EB4 B09 CR167BD1 B10 CR167DV4 B12 CR141CA4 B13 CR141CG4 D02 CR142CN4 D04 CR142CR4 D05 CR143CN4 D06 CR143CR4 D07 CR140CT4
A3	CONNECTOR B02 CR131SA4 B03 CR271SD4 B04 CR131SE4 B05 CR131SH4
A4	CONNECTOR B03 CR101AQ4 B05 CR100AK4 B08 CR100AF4 B10 CR101AK4 B12 CR101AM4 D04 CR100AJ4 D06 CR100AL4 D09 CR101AJ4 D11 CR101AL4 D13 CR113BT4
A5	CONNECTOR B03 CR113BQ1 B05 CR110AP1 B08 CR111AP1 B10 CR112AP1 B12 CR113AP1 D04 CR110AM1 D06 CR110BR1 D09 CR111CM1 D11 CR112BU1 D13 CR113BU4
A6	CONNECTOR B03 CR122AQ1 B05 CR122AL1 B08 CR121DC4 B10 CR120AJ4 B12 CR120AF4 D04 CR127BA1 D06 CR127AM1 D09 CR121AB4 D11 CR120AK4 D13 CR120AL4
A7	CONNECTOR B03 CR121AE4 B05 CR122CN1 B08 CR113BV4 B10 CR120CK4 B12 CR121CD4 D04 CR121BB4 D06 CR122CJ1 D09 CR112CA4 D11 CR112CB4 D13 CR121BC4
B2	SINGLE CARD 5800283 0283
A 1 0 0 0	CR131 A1 A2 A3 C1 D1 UNUSED PORTIONS B
B3	SINGLE CARD

B3	7534 CR131 C1 C3 CR121 D1 D2 D3 D4 E1 CR131 F1 G1 H1
B4	CONNECTOR B03 CR101AQ4 B05 CR100AK4 B08 CR100AF4 B10 CR101AK4 B12 CR101AM4 D04 CR100AJ4 D06 CR100AL4 D09 CR101AJ4 D11 CR101AL4 D13 CR113BT4
B5	CONNECTOR B03 CR113BQ2 B05 CR110AP2 B08 CR111AP2 B10 CR112AP2 B12 CR113AP2 D04 CR110AM2 D06 CR110BR2 D09 CR111CM2 D11 CR112BU2 D13 CR113BU4
B6	CONNECTOR B03 CR122AQ2 B05 CR122AL2 B08 CR121DC4 B10 CR120AJ4 B12 CR120AF4 D04 CR127BA2 D06 CR127AM2 D09 CR121AB2 D11 CR120AK4 D13 CR120AL4
B7	CONNECTOR B03 CR121AE4 B05 CR122CN2 B08 CR113BV4 B10 CR120CK4 B12 CR121CD4 D04 CR121BB4 D06 CR122CJ2 D09 CR112CA4 D11 CR112CB4 D13 CR121BC4
C1	SINGLE CARD 5800285 0285 CR163 A1 CR167 B1 CR131 C1 D1
C2	SINGLE CARD 5800036 0036 CR141 A1 A1 CR142 C1 D1 CR143 E1 F1 CR140 G1 CR131 K1 UNUSED PORTIONS M J
C3	SINGLE CARD 5800387 0382 CR102 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6
C4	SINGLE CARD 5808321 8321 CR100 A1 A2 B1 B2 C1 C2 D1 D2 CR101 E1 E2 F1 F2 UNUSED PORTIONS G
C5	SINGLE CARD 5800388 0388 CR162 A1 B1
C6	SINGLE CARD 5806321 8321

C6	CR120 A1 A2 B1 C1 C2 D1 D2 UNUSED PORTIONS E F G
C7	SINGLE CARD 5808328 8328 CR121 A1 A3 A6 A7 A8 UNUSED PORTIONS C D
D1	SINGLE CARD 5808322 8322 CR112 A1 A2 A3 A5 A6 A7 A8 CR113 A9 AA AB AD AE AF AG CR112 AH
D2	SINGLE CARD 5808322 8322 CR110 A1 A2 A3 A5 A6 A7 A8 CR111 A9 AA AB AD AE AF AG CR110 AH
D3	SINGLE CARD 5800382 0382 CR102 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6
D4	SINGLE CARD 5800393 0393 CR130 A1 CR160 B1 CR130 C1 D1
D5	SINGLE CARD 5808321 8321 CR101 A1 A2 B1 B2 C1 C2
D6	SINGLE CARD 5808323 8323 CR122 A1 A2 AB B1 B2 C1 C2 D1 D2 E1 E2
D7	SINGLE CARD 5808321 8321 CR121 A1 B1 A2 D1 D2 E1 G1 UNUSED PORTIONS C F
E1	SINGLE CARD 5800382 0382 CR115 A2 A3 A5 A6 B1 B2 B3 B4 B5 B6
E2	SINGLE CARD 5800382 0382 CR115 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6
E3	SINGLE CARD 5800297 0297 CR131 A1 CR164 B1 CR130 C1 D1 CR162 E1 CR166 F1
E4	SINGLE CARD 5800301 0301 CR130 A1

E4	CR161 B1 CR130 C1 CR161 D1 CR162 E1 CR130 F1 G1 CR163 H1
E5	SINGLE CARD 5800389 0389 CR130 A1 A2 B1 B2
E6	SINGLE CARD 5808323 8323 CR121 A1 A2 CR113 AB CR122 B1 B2 CR113 C1 C2
E7	SINGLE CARD 5803079 3079 CR140 A2 A3 A4 A5 A7 A8 A9 AA
F1	SINGLE CARD 5808322 8322 CR111 A1 A2 A3 A4 A5 A6 A7 AB CR112 A9 AB AC AD AE AF AG CR111 AH
F2	SINGLE CARD 5808322 8322 CR110 A1 A2 A4 A5 A6 A7 A8 A9 AA AC AD AE AF AG AH
F3	SINGLE CARD 5800287 0287 CR103 A1 CR162 B1 CR164 C1 CR166 D1
F4	SINGLE CARD 5800383 0383 CR130 A1 CR160 B1 CR130 C1 CR163 D1 CR130 E1 CR161 F1 G1 K1 CR162 H1
F5	SINGLE CARD 5800297 0297 CR162 A1 B1 C1 CR163 D1 E1 CR166 F1
F6	SINGLE CARD 5800297 0297 CR167 A1 CR112 B1 CR121 C1 D1 CR122 E1 CR166 F1
F7	SINGLE CARD 5803079 3079 CR143 A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL
G1	SINGLE CARD 5800388 0388 CR160 A1 CR161 B1
G2	SINGLE CARD 5800383 0383 CR103 A1 B1 CR161 C1 CR160 D1 E1 F1 CR131 G1 CR167 H1 CR160 J1 CR130 K1

G3	SINGLE CARD 5800297 0297 CR160 A1 B1 CR131 C1 CR166 D1 CR160 E1 CR162 F1
G4	SINGLE CARD 5800282 0282 CR161 A1 A2 A3 B1 B2 B3 CR163 C1 CR160 D1
G5	SINGLE CARD 5800295 0295 CR166 A1 A2 A3 A4 CR161 B1 B2 B3 B4
G6	SINGLE CARD 5800282 0282 CR163 A1 A2 A3 CR111 B1 B2 B3 CR163 C1 D1
G7	SINGLE CARD 5803079 3079 CR140 A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL
H1	SINGLE CARD 5800388 0388 CR160 A1 B1
H2	SINGLE CARD 5800285 0285 CR131 A1 CR162 B1 CR164 C1 CR166 D1
H3	SINGLE CARD 5800300 0300 CR130 A1 A2 A3 CR165 B1 B2 B3
H4	SINGLE CARD 5800292 0292 CR162 A1 CR166 B1 CR163 C1 CR167 D1 CR131 E1 CR162 F1
H5	SINGLE CARD 5800300 0300 CR161 A1 A2 A3 CR162 B1 B2 B3
H6	SINGLE CARD 5800297 0297 CR163 A1 B1 C1 D1 CR130 E1 CR163 F1
H7	SINGLE CARD 5803079 3079 CR142 A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL
J1	SINGLE CARD 5800388 0388 CR113 A1 CR162 B1
J2	SINGLE CARD 5800285 0285 CR111 A1 CR168 B1 CR103 C1 CR131 D1
J3	SINGLE CARD

J3	5800292 0292 CR160 A1 B1 CR167 C1 CR162 D1 CR164 E1 F1
J4	SINGLE CARD 5800292 0292 CR130 A1 CR160 B1 CR167 C1 CR161 D1 CR162 E1 CR168 F1
J6	SINGLE CARD 5800383 0383 CR163 A1 B1 CR122 C1 CR121 D1 CR160 E1 CR165 F1 CR164 G1 H1 CR160 J1 UNUSED PORTIONS K
J7	SINGLE CARD 5803079 3079 CR141 A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL
K1	SINGLE CARD 5800299 0299 CR164 A1 B1 CR167 C1 CR164 D1 E1 CR167 F1 G1
K2	SINGLE CARD 5800287 0287 CR103 A1 CR166 B1 CR130 C1 CR167 D1
K3	SINGLE CARD 5800283 0283 CR164 A1 A2 A3 CR131 B1 B2 B3 CR160 C1 D1
K4	SINGLE CARD 5800383 0383 CR166 A1 B1 CR165 C1 D1 E1 F1 CR167 G1 H1 CR168 J1 K1
K5	SINGLE CARD 5800283 0283 CR165 A1 A2 A3 CR166 B1 B2 B3 CR165 C1 D1
K6	SINGLE CARD 5800280 0280 CR165 A1 A2 A3 CR113 B1 B2 B3 CR151 C1 C2 C3 CR113 D1 D2 D3
K7	SINGLE CARD 5800280 0280 CR150 A1 A2 A3 CR151 B1 B2 B3 C1 C2 C3 CR150 D1 D2 D3
L1	DOUBLE CARD 5804095 4095 CR103 A1 B1
L3	SINGLE CARD 5800297 0297

L3	CR165 A1 B1 CR167 C1 D1 CR165 E1 CR164 F1
L4	SINGLE CARD 5800286 0286 CR160 A1 CR164 B1 CR165 C1
L5	SINGLE CARD 5800295 0295 CR168 A1 A2 A3 A4 B1 B2 B3 B4
L6	SINGLE CARD 5800282 0282 CR168 A1 A2 A3 CR164 B1 B2 B3 C1 CR168 D1
L7	SINGLE CARD 5800280 0280 CR150 A1 A2 A3 B1 B2 B3 C1 C2 C3 D1 D2 D3
M6	SINGLE CARD 5800382 0382 CR152 A2 A3 A5 A6 B1 B2 B3 B4 B5 B6
M7	SINGLE CARD 5800382 0382 CR152 A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6
N1	CONNECTOR B03 CR115CD4 B04 CR115CE4 B05 CR150BC4 B06 CR150BN4 B07 CR151BB4 B08 CR200CA4 B09 CR200BK4 B10 CR200RL4 B11 CR200CJ4 B12 CR164AK4 B13 CR210CM2 D02 CR271BK4 D03 CR211BE4 D04 CR212BD4 D05 CR210CC4 D06 CR220AB4 D07 CR164BJ1 D09 CR164BK4 D10 CR160CF4 D11 CR164BB4 D12 CR113BF2 D13 CR162PL4
N2	CONNECTOR B03 CR167BD1 B04 CR167BL4 B05 CR158BE4 B06 CR168BA4 B07 CR200DF4 B08 CR168AM4 B09 CR168BD4 B10 CR165CG4 B12 CR165BB4 B13 CR167EV4 D02 CR221EH4 D03 CR221EG4 D04 CR131BC4 D05 CR131AQ4 D06 CR130CQ4 D07 CR131BD4 D09 CR130DF4 D10 CR221DZ4

SOCKET LISTING  
DATE 03-24-69 MACH. 2501-B  
LDC LE65 BOARD 01C-A1  
PREV. ENGR. 02-10-68 814466  
PRES. ENGR. 02-28-69 816310  
P.N. 670125  
IBM CORP. SDD BLK.

01000

N2	D11 CR200DK4 D12 CR200BJ4 D13 CR201CJ4
N3	CONNECTOR B03 CR140CT4 B04 CR160CJ4 B05 CR161DA4 B06 CR162DF4 B07 CR162BC4 B08 CR164AA4 B09 CR163BK4 B10 CR201CS2 B11 CR162EB4 B12 CR270CR4 B13 CR167CP4 D02 CR255BQ4 D03 CR240DK4 D04 CR240DL4 D05 CR271BB4 D06 CR121SE4
N4	CONNECTOR B03 CR100AL6 B04 CR100BL4 B05 CR100AM6 B06 CR101AJ6 B07 CR101BK4 B08 CR101AK6 B09 CR101AL6 B10 CR101BJ4 B11 CR101BL4 B12 CR101AM6 B13 CR101BM4 D02 CR102CD4 D03 CR102CC4 D04 CR161BK4 D05 CR161DD4 D06 CR222BJ4 D07 CR222BC4 D09 CR223BJ4 D10 CR223BB4 D11 CR223BM4 D12 CR223BE4 D13 CR223PX4
N5	CONNECTOR B04 CR232BB4 B05 CR232DA4 B06 CR232DE4 B07 CR231CT4 B08 CR223AC4 B09 CR131SG4 B10 CR168AQ4 B11 CR223AM4 B12 CR261BN4 B13 CR160AK4 D02 CR120CE4 D03 CR160CR4 D04 CR160EM4 D05 CR162DD4 D06 CR162EM4 D07 CR270CG4 D09 CR270CN4 D10 CR271AQ4 D11 CR271SA4 D12 CR270EA4 D13 CR270CF4
N6	CONNECTOR B03 CR251AJ4 B04 CR251AV4 B05 CR252BP4 B06 CR252BS4 B07 CR252BR4 B08 CR252BT4 B09 CR253A74 B10 CR253BC4 B11 CR253EP4 B12 CR253ED4 B13 CR254EM4 D02 CR254BN4 D03 CR254BK4 D04 CR254BP4 D05 CR254EP4 D06 CR254BQ4 D07 CR131SS4 D09 CR121BB6 D10 CR164AL4 D11 CR164AJ4 D12 CR164AS4 D13 CR160BK4
N7	CONNECTOR B03 CR131BJ4 B04 CR140CY4 B05 CR140CE4 B06 CR162BB4 B07 CR140CJ4 B08 CR141CE4

B09 CR141CJ4 B10 CR142CE4 B11 CR160CF4 B12 CR142CJ4 B13 CR143CE4 DC2 CR143CJ4 D02 CR167BX4 D04 CR161BM1 D05 CR168BE4 D06 CR162BL4 D07 CR163AE4 D09 CR164AM4 D10 CR165BK4 D11 CR165BJ4 D12 CR165BE4 D13 CR168BC4
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PLUG LIST					
PART NO	ACC	TYPE	SOCKETS	TOTAL	
5800036	0036	C2			01
5800280	0280	K6	K7 L7		03
5800282	0282	G4	G4 L6		03
5800283	0283	B2	K3 K5		03
5800285	0285	C1	M2 J2		03
5800286	0286	L4			01
5800287	0287	F3	K2		02
5800292	0292	H4	J4		03
5800295	0295	G5	L5		02
5800297	0297	E3	F6 G3		06
		H6	L5		
5800299	0299	K1			01
5800300	0300	H3	H5		02
5800301	0301	E4			01
5800382	0382	C3	D3 E1 E2		06
		M6	M7		
5800383	0383	F4	G2 J6 K4		04
5800388	0388	C5	G1 H1 J1		04
5800389	0389	E5			01
5800393	0393	D4			01
5803079	3079	E7	F7 G7 H7		03
		J7			
5804095	4095	L1			01
5808321	8321	C4	C6 D5 D7		04
5808322	8322	D1	D2 F1 F2		04
5808323	8323	D6	E6		02
5808328	8328	C7			01
	7534	B3			18
	CONN	A1	A2 A3 A4		
		A5	A6 A7 A8		
		B5	B6 B7 B8		
		N2	N3 N4 N5		
		N6	N7		

SOCKET LISTING  
 DATE 03-24-69 MACH. 2501-B  
 LOG LE65 BOARD 01A-A1  
 PREV. ENGR. 02-10-68 814466  
 PRES. ENGR. 02-28-69 816310  
 P.O.N. 670125  
 IBM CORP. SDD BLK.

000

001

A1 CONNECTOR

B03	CR115CD4
B04	CR115CE4
B05	CR150BC4
B06	CR150BN4
B07	CR151BB4
B08	CR200CA4
B09	CR200BK4
B10	CR200FL4
B11	CR200CJ4
B12	CR164AK4
B13	CR210C2
D02	CR271BK4
D03	CR211BE4
D04	CR212AD4
D05	CR210CC4
D06	CR220AB4
D07	CR164BJ1
D09	CR164BK4
D10	CR160CF4
D11	CR164BB4
D12	CR113BF2
D13	CR162PL4

A2 CONNECTOR

B03	CR167BD1
B04	CR167BL4
B05	CR168BE4
B06	CR168BF4
B07	CR200DF4
B08	CR168AM4
B09	CR168BD4
B10	CR165CG4
B12	CR165BB4
B13	CR167BV4
D02	CR221EH4
D03	CR221EG4
D04	CR131BC4
D05	CR131AQ4
D06	CR130CQ4
D07	CR131BD4
D09	CR130DF4
D10	CR221D24
D11	CR200DK4
D12	CR200EJ4
D13	CR201CJ4

A3 CONNECTOR

B03	CR140CT4
B04	CR160CJ4
B05	CR161DA4
B06	CR162DF4
B07	CR162BC4
B08	CR164AR4
B09	CR163BK4
B10	CR201CS2
B11	CR162BB4
B12	CR270CR4
F13	CR167CA4
D02	CR255BQ4
D03	CR240DK4
D04	CR240DL4
D05	CR271BB4
D06	CR121SE4

A4 CONNECTOR

B03	CR100AL6
B04	CR100BL4
B05	CR100AM6
B06	CR101AJ6
B07	CR101BK4
B08	CR101AK6
B09	CR101AL6
B10	CR101BJ4
E11	CR101BL4
B12	CR101AM6
B13	CR101BM4
D02	CR102CD4
D03	CR102CC4
D04	CR161BK4
D05	CR161DD4
D06	CR222BJ4
D07	CR222BC4
D09	CR223BJ4
D10	CR223BB4
D11	CR223B74
D12	CR223EE4
D13	CR223BX4

A5 CONNECTOR

B04	CR232BB4
B05	CR232DA4
B06	CR232DE4
B07	CR231CT4
B08	CR232CA4
B09	CR131SG4
B10	CR168AQ4
B11	CR223AM4
B12	CR261BN4
B13	CR160AK4

A5 D02 CR120CE4

D03	CR160CA4
D04	CR160EA4
D05	CR162DD4
D06	CR162BM4
D07	CR270CQ4
D09	CR270CA4
D10	CR271AQ4
D11	CR271SA4
D12	CR270BA4
D13	CR270CM4

A6 CONNECTOR

B03	CR251AV4
B04	CR251AV4
B05	CR252BP4
B06	CR252BS4
B07	CR252BR4
B08	CR252BT4
B09	CR253A24
B10	CR253BC4
B11	CR253BB4
B12	CR253BD4
B13	CR254BH4
D02	CR254EN4
D03	CR254BK4
D04	CR254BP4
D05	CR254BM4
D06	CR254BQ4
D07	CR131SS4
D09	CR121BB6
D10	CR164AL4
D11	CR164AJ4
D12	CR164AS4
D13	CR160EK4

A7 CONNECTOR

B02	CR240AA4
B03	CR240EJ4
B05	CR240AB4
B07	CR240AC4
B09	CR240AD4
B10	CR240AE4
B13	CR240AJ4
D02	CR241AA4
D04	CR241AB4
D06	CR241AC4
D07	CR232AA4
D09	CR241AD4
D10	CR231BA1
D11	CR241DE4
D13	CR241AJ4

B2 SINGLE CARD

CR255 A1 B1 C1 D1
-------------------

B3 SINGLE CARD

CR222 C1
----------

UNUSED PORTIONS  
A B D

E4 SINGLE CARD

CR211 K1
----------

UNUSED PORTIONS  
A B C D E F G H J

B5 SINGLE CARD

CR270 A1 B1 E1
----------------

UNUSED PORTIONS  
C D F G H

B6 SINGLE CARD

CR251 A1
CR254 B1 C1 D1
CR253 E1 F1
CR232 G1
CR213 H1
CR252 J1 K1

C1 SINGLE CARD

CR260 A1
----------

C1 CR230 B1

CR270 C1
CR200 E1
CR213 F1

UNUSED PORTIONS  
D

C2 SINGLE CARD

CR200 A1 A2 A3 B1 B2 B3
C1
CR212 D1

C3 SINGLE CARD

CR200 A1
CR221 B1 C1

C4 SINGLE CARD

CR222 A1
CR223 C1 D1
CR200 E1
CR223 F1

UNUSED PORTIONS  
B

C5 SINGLE CARD

CR223 A1 A2 A3
CR221 B1 B2 B3 C1 D1

C6 SINGLE CARD

CR241 A2 A3
CR240 A4 A5

C7 SINGLE CARD

CR240 A2 A3 A4 A5
-------------------

D1 SINGLE CARD

CR201 A1
CR211 B1
CR200 C1
CR210 D1

D2 SINGLE CARD

CR270 A1
CR223 B1
CR221 C1
CR212 D1
CR255 E1
CR201 F1
CR230 G1

D3 SINGLE CARD

CR200 A1 B1
CR221 C1
CR210 D1

D4 SINGLE CARD

CR223 A1 B1
CR221 C1

D5 SINGLE CARD

CR261 A1
CR223 B1
CR231 C1
CR221 D1
CR223 E1 F1
CR230 G1
CR223 H1
CR222 J1 K1

D6 SINGLE CARD

CR261 A1 A2 A3 A4 A5 A6
-------------------------

D6 UNUSED PORTIONS  
B

D7 SINGLE CARD

CR241 A2 A3 A4 A5
-------------------

E1 SINGLE CARD

CR231 A1
----------

E2 SINGLE CARD

CR200 A1 B1 C1
CR201 D1
CR212 E1
CR210 F1

E3 SINGLE CARD

CR210 A1
CR223 B1
CR200 C1 D1 E1
CR270 F1

E4 SINGLE CARD

CR212 A1
CR211 B1
CR220 C1
CR213 D1
CR223 E1
CR232 F1

E5 SINGLE CARD

CR221 A1 A2 A3
CR222 B1 B2 B3
CR200 C1
CR270 D1

E6 SINGLE CARD

CR223 A1
CR270 B1
CR240 C1 D1
CR241 E1
CR261 F1

E7 SINGLE CARD

CR260 A1 A2 A3 A4 A5 A6
B1 B2 B3 B4 B5 B6

F1 SINGLE CARD

CR230 A1 A2
-------------

F2 SINGLE CARD

CR210 A1 A2 A3
CR200 B1 B2 B3

F3 SINGLE CARD

CR211 A1 B1
CR220 C1
CR212 D1 E1
CR222 F1

F4 SINGLE CARD

CR211 A1 A2 A3
CR222 B1 B2 B3

F5 SINGLE CARD

CR261 A1
CR212 B1
CR221 C1 D1
CR231 E1
CR261 F1

F6 SINGLE CARD

F6 5800391 0391

CR261 A1 A2 A3 A4 A5 A6
B1 B2 B3 B4 B5 B6

F7 SINGLE CARD

CR260 A1 B1 C1 D1 E1
CR261 F1

G1 DCUBLE CARD

CR230 A3 B1
-------------

G2 SINGLE CARD

CR230 A1 B1 C1
CR221 D1
CR230 E1
CR221 F1

G3 SINGLE CARD

CR270 A1 A2 A3
CR223 B1 B2 B3
CR270 C1 D1

G4 SINGLE CARD

CR220 A1 A2 A3 B1 B2 B3
CR200 C1
CR220 D1

G5 SINGLE CARD

CR270 A1 A2 A3
CR223 B1 B2 B3
CR270 C1 D1

G6 SINGLE CARD

CR241 A1
CR240 B1
CR241 C1 D1 E1 F1

G7 SINGLE CARD

CR260 A1 A2 A3 A4 A5 A6
B1 B2 B3 B4 B5 B6

H1 SINGLE CARD

CR241 A1
CR240 B1
CR241 C1 D1 E1 F1

H2 SINGLE CARD

CR241 A1 B1
CR212 C1
CR221 D1
CR210 E1
CR213 F1

H3 SINGLE CARD

CR230 A1 A2 A3
CR221 B1 B2 B3
CR220 C1 C2 C3
CR201 D1 D2 D3

H4 SINGLE CARD

CR213 A1 A2 A3
CR211 B1 B2 B3
CR212 C1 D1

H5 SINGLE CARD

CR270 A1 A2 A3 B1 B2 B3
-------------------------

H6 SINGLE CARD

CR255 A1 B1 C1 D1
-------------------

H7 SINGLE CARD

CR260 A1 B1 C1 D1
CR261 E1 F1

J1 DOUBLE CARD

J2 5804719 4719

CR231 A1 A2 A3 B1
-------------------

J3 SINGLE CARD

CR231 A1 B1 C1
CR210 D1
CR231 E1
CR255 F1

J4 SINGLE CARD

CR232 A1 B1
CR221 C1
CR232 D1
CR240 E1
CR220 F1
CR240 G1 H1 J1
CR232 K1

J5 SINGLE CARD

CR270 A1 B1 C1 D1 E1 F1
-------------------------

J6 DOUBLE CARD

CR232 A1
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J7 SINGLE CARD

CR210 A1
CR212 B1
CR231 C1
CR270 D1
CR210 E1
CR212 F1
CR231 G1
CR223 H1

K1 SINGLE CARD

CR271 A1 B1 C1
CR210 D1 E1 F1 G1
CR231 H1
CR255 J1
CR200 K1

K2 SINGLE CARD

CR210 A1 A2 A3
CR213 B1 B2 B3

K3 SINGLE CARD

CR210 A1
CR213 B1
CR211 C1
CR230 D1

K4 SINGLE CARD

CR230 A1
CR222 B1
CR271 C1
CR222 D1 E1 F1 G1

K5 SINGLE CARD

CR250 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ AR
AS AT AU AV

K6 DOUBLE CARD

CR250 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ
AS AT AU AV

K7 SINGLE CARD

CR231 A1 B1
-------------

L3 CR255 A1 B1

CR210 C1 D1
-------------

L4 SINGLE CARD

CR211 A1 B1 C1
CR213 D1
CR241 E1
CR200 F1
CR270 G1
CR201 H1
CR255 J1
CR210 K1

L5 SINGLE CARD

CR232 A1 B1 C1 D1
-------------------

L6 DOUBLE CARD

CR251 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16
CR252 17 18 19 20 21 22
23 24 25 26 27 28
29 30 31 32 33

L7 SINGLE CARD

CR201 A1 A2 A3 B1 B2 B3
C1 D1

M2 SINGLE CARD

CR254 A1 B1 C1
CR253 D1 E1
CR252 F1 G1
CR251 H1
CR223 K1

M3 SINGLE CARD

UNUSED PORTIONS J
----------------------

M4 SINGLE CARD

CR213 A1 A2 A3 B1 B2 B3
CR220 C1 D1

M5 SINGLE CARD

CR232 F1 G1 H1
----------------

M6 DOUBLE CARD

CR253 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ AS AT
AU AV

M7 CONNECTOR

B02	CR240BL4
B03	CR240BC4
B04	CR240BD4
B05	CR240EE4
B07	CR240BJ4
B08	CR240BK4
B09	CR254BD4
B10	CR254BE4
B12	CR254BF4
B13	CR241BE4
D02	CR241BJ4
D04	CR241EK4
D05	CR241EL4

N1 CONNECTOR

B02	CR240BL4
B03	CR240BC4
B04	CR240BD4
B05	CR240EE4
B07	CR240BJ4
B08	CR240BK4
B09	CR254BD4
B10	CR254BE4
B12	CR254BF4
B13	CR241BE4
D02	CR241BJ4
D04	CR241EK4
D05	CR241EL4

UNUSED PORTIONS  
K

UNUSED PORTIONS  
A B C D E

UNUSED PORTIONS  
J

UNUSED PORTIONS  
A B C D E

UNUSED PORTIONS  
A B C D E

UNUSED PORT

N1	D06	CR241DK4
	D07	CR241DL4
	D09	CR241DM4
	D10	CR241DN4
	D11	CR241EM4
	D12	CR241EN4
	D13	XR341EB4
N2	CONNECTOR	
	B03	CR251AS4
	B04	CR252BL4
	B05	CR252BF4
	B07	CP253AU4
	B08	CR253AX4
	B09	CR241BC4
	B10	CR241BD4
	D02	XR300BM4
	D04	CR251AU4
	D05	CR252BP4
	D06	CR252BR4
	D07	CR253AZ4
	D09	CR253EB4
	D10	CR254BH4
	D11	CR254BK4
	D12	CR254BM4
	D13	XR341CD4
N5	CONNECTOR	
	B03	CR210BK4
	B04	CR213CD4
	B05	CR220RC4
	B07	CR221EM4
	B08	CR221EG4
	B09	CR210DR4
	B10	CR230DT4
	D02	CR222BQ4
	D04	CR222BR4
	D05	CR222BS4
	D06	CR222BT4
	D07	CR222BU4
	D11	CR232AD4
	D12	CR232AE4
	D13	CR232AJ4
N6	CONNECTOR	
	B03	CR260CA4
	B04	CR260CB4
	B05	CR260CC4
	B07	CR260CD4
	B08	CR261CA4
	B09	CR261CB4
	B10	CR261CC4
	B11	CR131BC4
	B12	CP161BK4
	B13	CR164AS4
	D02	CR210BL4
	D03	CR166BD4
	D04	CR211FL4
	D05	CR212BA4
	D06	CR213CF4
	D07	CR221DZ4
	D09	CR221EH4
	D10	CR221EG4
	D11	CR222BJ4
	D12	CR223RJ4
	D13	CR223FD4
N7	CONNECTOR	
	B03	CR223BF4
	B04	CR270BA4
	B05	CR270BB4
	B06	CR200DK4
	B07	CR270CN4
	B08	CR270CR4
	B09	CR271AB4
	B10	CR271AC4
	B11	CR200CA4
	B12	CR271AD4
	B13	CR271AQ4
	D02	CR271AE4
	D03	CR210CC4
	D04	CR271AK4
	D05	CR271AL4
	D06	CR271AM4
	D07	CR271SA4
	D09	CR231DC4
	D10	CR231CJ4
	D12	CR232FL4
	D13	CR230DU4

PLUG LIST				
PART NO	ACC	TYPE	SOCKETS	TOTAL
5800036		0036	F3	01
5800280		0280	M3	01
5800282		0282	C2 E5 M4 R2	05
5800283		0283	C5 G4 G5	03
5800285		0285	B3 D3 H6 K4	04
5800286		0286	C3 D4	02
5800287		0287	B2 L3	02
5800292		0292	C1 E6 F5 F7	06
5800296		0296	H1 H2	02
5800297		0297	B5 K1	02
			C4 E2 E3 E4	09
			F3 G3 H7 J3	
			J5	
5800298		0298	G6	01
5800299		0299	D2	01
5800300		0300	F2 F4 M5 K3	04
5800381		0381	F1	01
5800383		0383	B4 B6 D5 J4	07
			K2 K5 L4	
5800391		0391	D6 E7 F6 G7	04
5800393		0393	D1	01
5801055		1055	M5	01
5803840		3840	E1	01
5803843		3843	L5	01
5804695		4695	J6	01
5804697		4697	K6	01
5804698		4698	L6	01
5804699		4699	F6	01
5804719		4719	G1 J1	02
5804723		4723	L1	01
5806313		6313	C6 C7 D7	03
		CONN	A1 A2 A3 A4	12
			A5 A6 A7 A8	
			N2 N5 N6 N7	

00002

SOCKET LISTING  
 DATE 03-24-69 PACH. 2501-B  
 LDG LE65 BOARD 01A-B1  
 PREV. ENGR. 02-10-68 814466  
 PRES. ENGR. 02-28-69 816310  
 P.N. 670126  
 IBM CORP. SDD BLK.

22000

A2

CONNECTOR	
B03	CR130CE1
B04	CR130DT1
B05	CR130DW1
B07	CR131AC4
B08	CR140CS1
B09	CR141BE1
B10	CR141BJ1
B12	CR142BE1
B13	CR142BJ1
D02	CR143BE1
D04	CR143EJ1
D05	CR160CD4
D06	XR340BF4
D07	XR340PC4
D09	CR131PB4
D10	XR341CB4
D11	CR223BB4
D12	CR223AC4

A3

CONNECTOR	
B03	CR100AL6
B04	CR130EA4
B05	CR130DF4
B07	CR162BC4
B08	CR165BB4
B09	CR167BD1
B10	CR167BV4
B12	CR141CN4
B13	CR141CQ4
D02	CR142CN4
D04	CR142CR4
D05	CR143CN4
D06	CR143CR4
D07	CR140CT4

A4

CONNECTOR	
B02	CR240BL4
B03	CR240BC4
B04	CR240BD4
B05	CR240EE4
B07	CR240BJ4
B08	CR240BK4
B09	CR254BD4
B10	CR254EE4
B12	CR254BF4
B13	CR241BE4
D02	CR241BJ4
D04	CR241EK4
D05	CR241EL4
D06	CR241LW4
D07	CR241DL4
D09	CR241DM4
D10	CR241DQ4
D11	CR241EA4
D12	CR241FE4
D13	XR341BE4

A5

CONNECTOR	
B03	CR251AS4
B04	CR252BL4
B05	CR252BM4
B07	CR253AU4
B08	CR253AX4
B09	CR241BC4
B10	CR241BD4
D02	XR300BF4
D04	CR251AU4
D05	CR252BP4
D06	CR252BR4
D07	CR253AZ4
D09	CR253EB4
D10	CR254EM4
D11	CR254BK4
D12	CR254BT4
D13	XR341CD4

A7

CONNECTOR	
B03	XR321BM4
B04	XR321CA4
B05	XR322PM4
B06	XR322CA4
B07	XR323EM4
B08	XR323CA4
B09	XR324AQ4
B10	XR341BJ4
B11	XR341CC4

C2

SINGLE CARD		CDI
5800280	0280	

XR301 A1 A2 A3 B1 B2 B3  
C1 C2 C3 D1 D2 D3

OC3

SINGLE CARD		CDI
5800383	0383	

XR310 A1 B1 C1  
XR301 D1 E1 F1 G1

C3

XR300 M1 J1 K1	
C4	
SINGLE CARD	
5800292	0292
XR341	A1
XR330	B1
XR310	C1 D1
XR341	E1 F1

C5

SINGLE CARD		CDI
5800280	0280	
XR311	A1 A2 A3 B1 B2 B3	
XR310	C1 C2 C3 D1 D2 D3	

C6

SINGLE CARD		CDI
5800280	0280	
XR330	A1 A2 A3 B1 B2 B3	
XR311	C1 C2 C3 D1 D2 D3	

C7

SINGLE CARD		CDI
5800283	0283	
XR341	A1 A2 A3	
XR320	B1 B2 B3	
XR341	C1 D1	

D2

SINGLE CARD		CDI
5803079	3079	
XR323	A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL	

D3

SINGLE CARD		CDI
5800280	0280	
XR331	A1 A2 A3 B1 B2 B3 C1 C2 C3	
XR330	D1 D2 D3	

D4

SINGLE CARD		CDI
5800280	0280	
XR300	A1 A2 A3 B1 B2 B3 C1 C2 C3	
XR331	D1 D2 D3	

D5

SINGLE CARD		CDI
5800383	0383	
XR300	A1	
XR331	B1 C1	
XR340	D1 E1	
XR311	F1 G1 H1 J1	
XR310	K1	

D6

SINGLE CARD		CDI
5803079	3079	
XR321	A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL	

E2

SINGLE CARD		CDI
5803079	3079	
XR322	A2 A3 A4 A5 A7 A8 A9 AA AC AD AE AF AH AJ AK AL	

E4

SINGLE CARD		CDI
5800382	0382	
XR320	A1 A2 A3 A4 A5 A6 B1 B2 B3 B4 B5 B6	

E5

SINGLE CARD		CDI
5800297	0297	
XR340	A1 B1 C1	
XR341	D1	
XR340	E1	
XR341	F1	

E6

SINGLE CARD		CDI
5803079	3079	
XR324	A2 A3 A4 A5 A7 A8 A9 AA	

E7

SINGLE CARD		CDI
5800297	0297	
XR341	A1 B1 C1	

E7

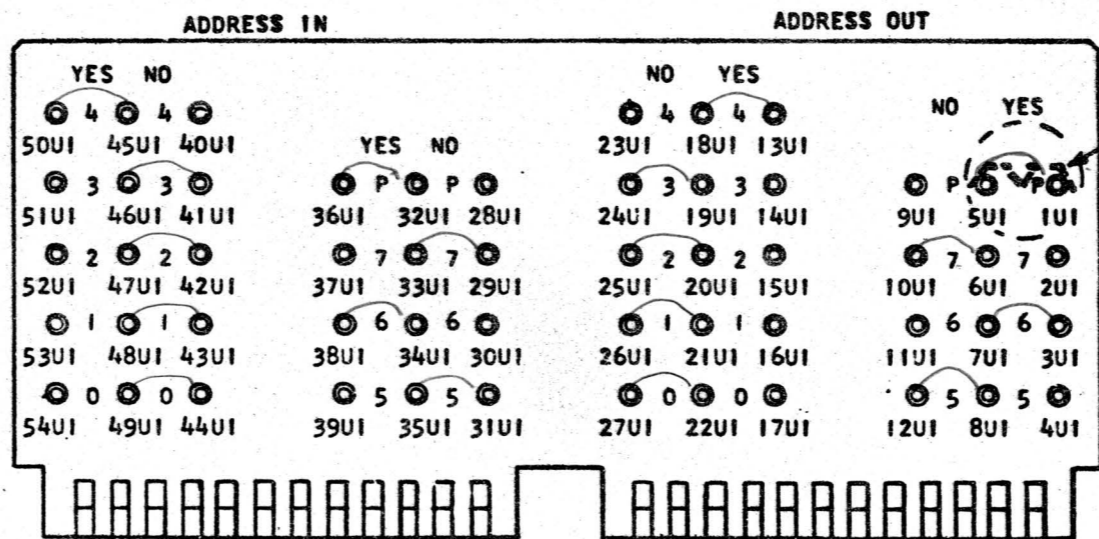
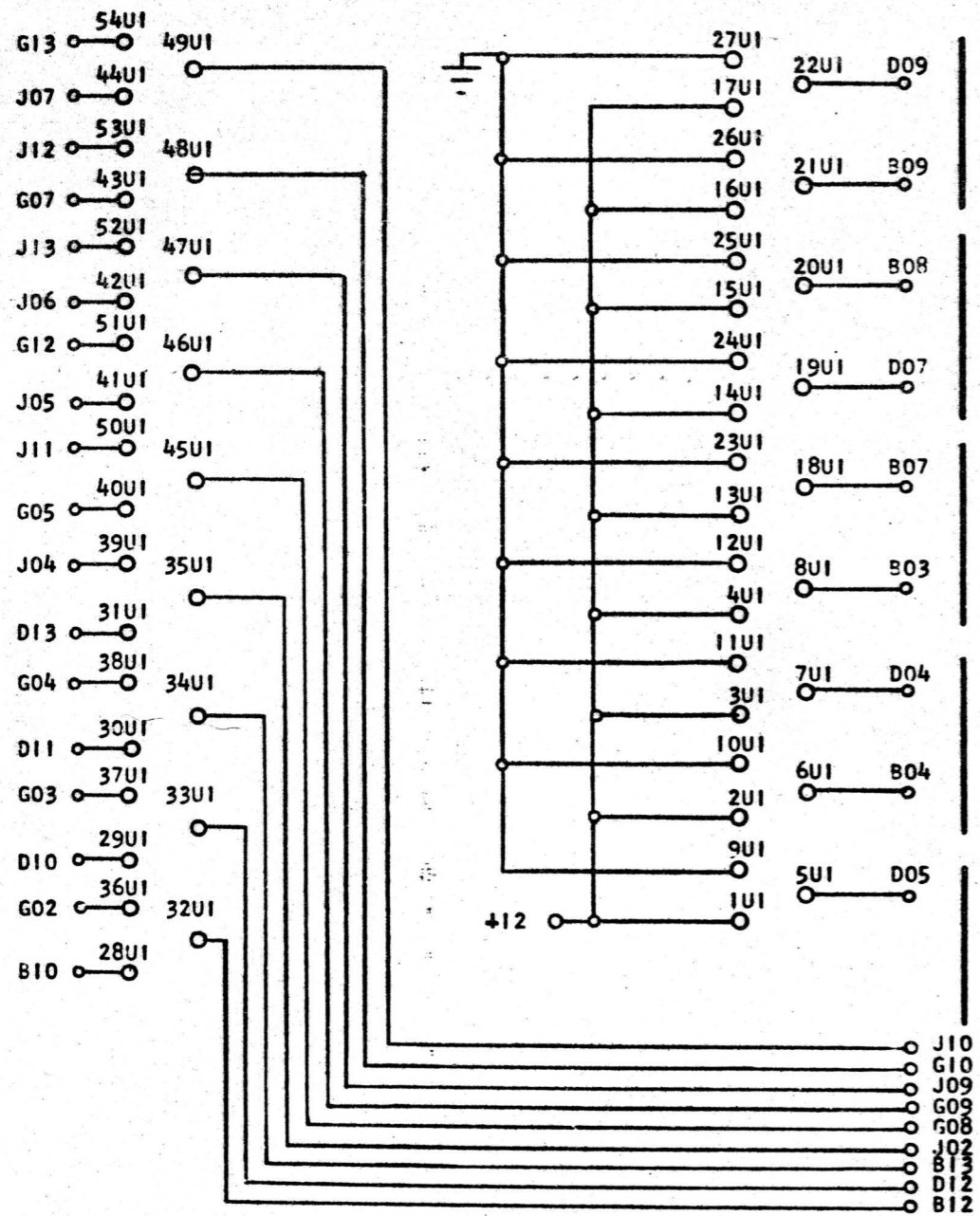
XR320 D1	
XR341 E1 F1	

PLUG LIST

PART NO	ACC	TYPE	SOCKETS	TOTAL
5800280	CDI	0280	C2 C5 C6 D3	05
			D4	
5800283	CDI	0283	C7	01
5800292	CDI	0292	C4	01
5800297	CDI	0297	E5 E7	02
5800382	CDI	0382	E4	01
5800383	CDI	0383	C3 D5	02
5803079	CDI	3079	D2 D6 E2 E6	04
		CONN	A2 A3 A4 A5	05
			A7	

SOCKET LISTING  
 DATE 03-24-69 MACH. 2501-B  
 LOG LE65 BOARD 01B-A1  
 PREV. ENGR. 10-05-67 8141158  
 PRES. ENGR. 02-28-69 816310  
 P. No. 670127  
 IBM CORP. SDD BLK.

001



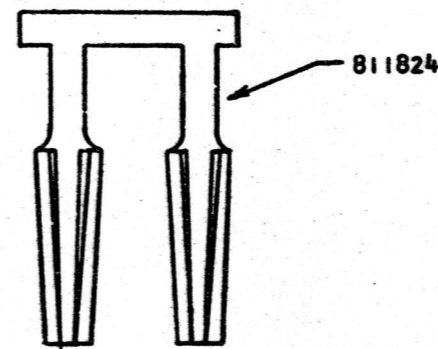
NOTES

X CARD IS LABELED CORRESPONDING TO BITS. CONVERT TO THE HEX ADDRESS TO DETERMINE WHICH BITS TO USE.

FOR ADDRESS PLUGGING, PLUG "YES" SIDE FOR ADDRESS DESIRED. PLUG ALL OTHERS ON "NO" SIDE.

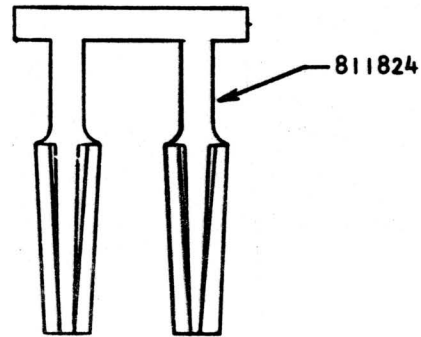
PLUG BOTH ADDRESS IN AND ADDRESS OUT SIDES FOR IDENTICAL ADDRESS.

XI LOGIC PAGE - CR103  
CARD LOCATION - A-A111

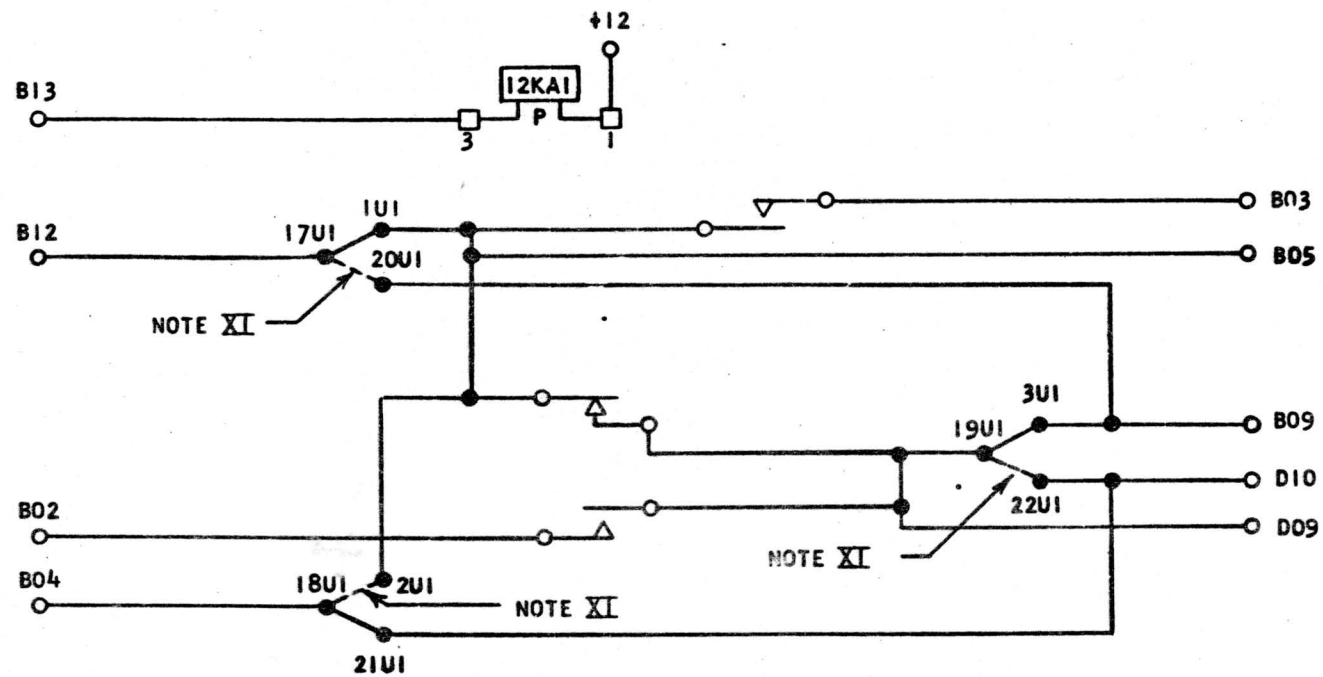
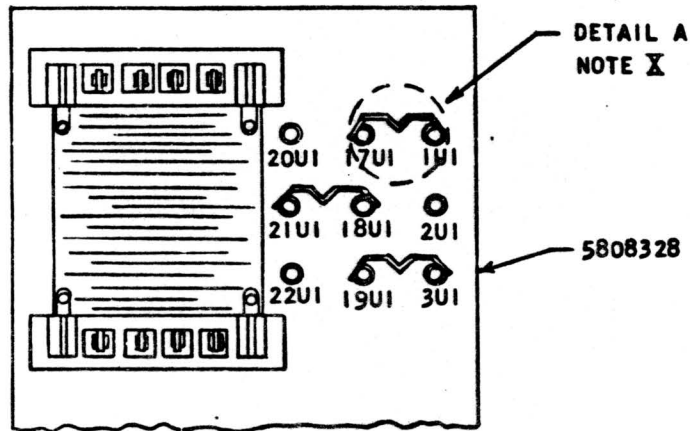


DETAIL A  
SCALE 8/1

DATE	EC NUMBER	DATE	EC NUMBER	ADDRESS SELECT AND	
10-25-66	811858K			ADDRESS GENERATE WIRING	
				DATE	PYM 679038
					TYPE 2501-B
				IDM A6000	



DETAIL A  
SCALE 8/1

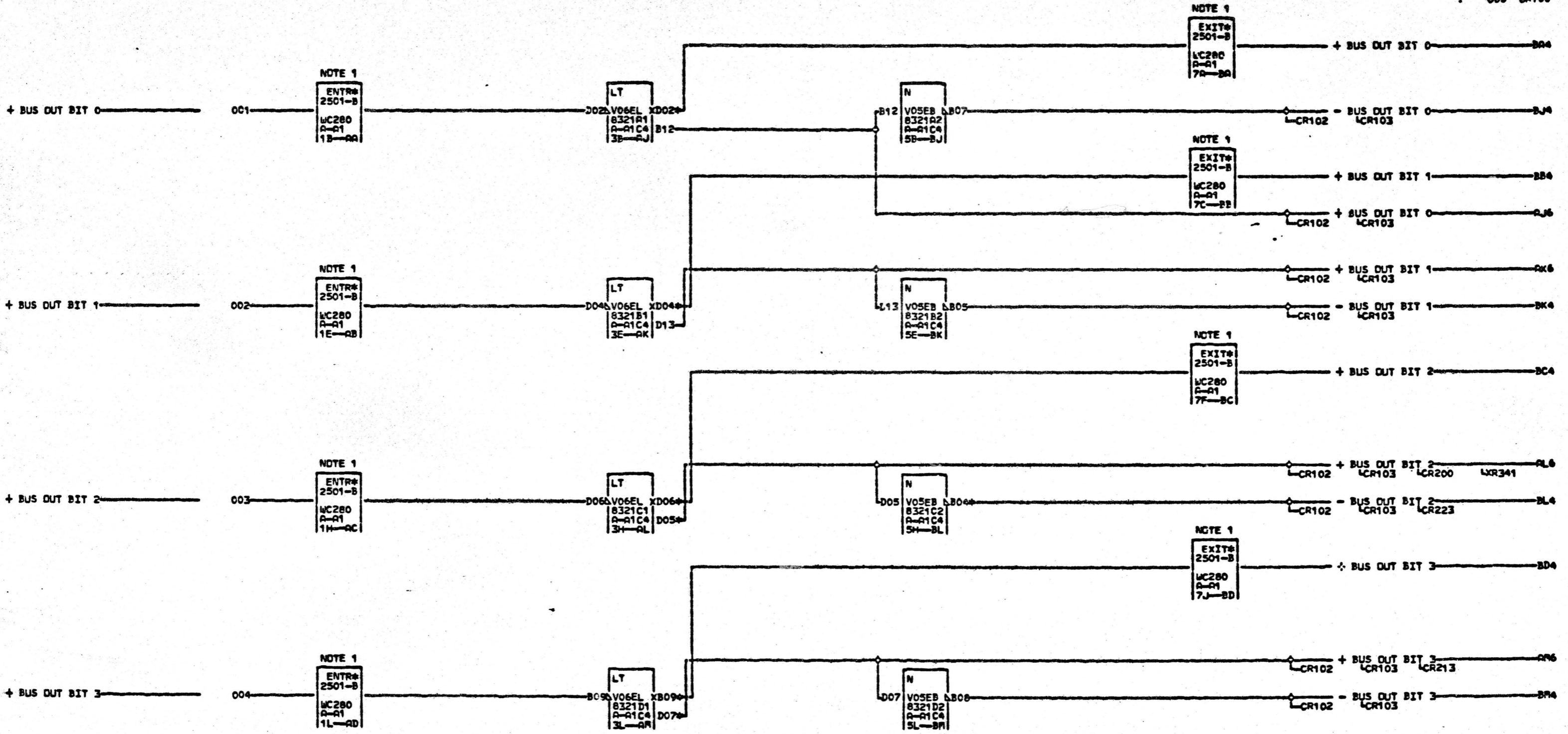


NOTES

- X JUMPER PLUGGING SHOWN SELECTS THE 2501 ON SELECT OUT (HIGHEST PRIORITY)
- XI DOTTED LINE ALTERNATE JUMPER PLUGGING SELECTS THE 2501 ON SELECT IN (LOWEST PRIORITY)
- XII LOGIC PAGE - CRI 21  
CARD LOCATION - A-A1C7

ITE P

DATE	EC NUMBER	DATE	EC NUMBER	SELECT PROPAGATION CARD		
10-25-66	811858K			WIRING		
6-27-67	814105			DATE	P/N	670039
1-20-70	814957A				TYPE	2501-B
				<b>IBM</b> A7000		



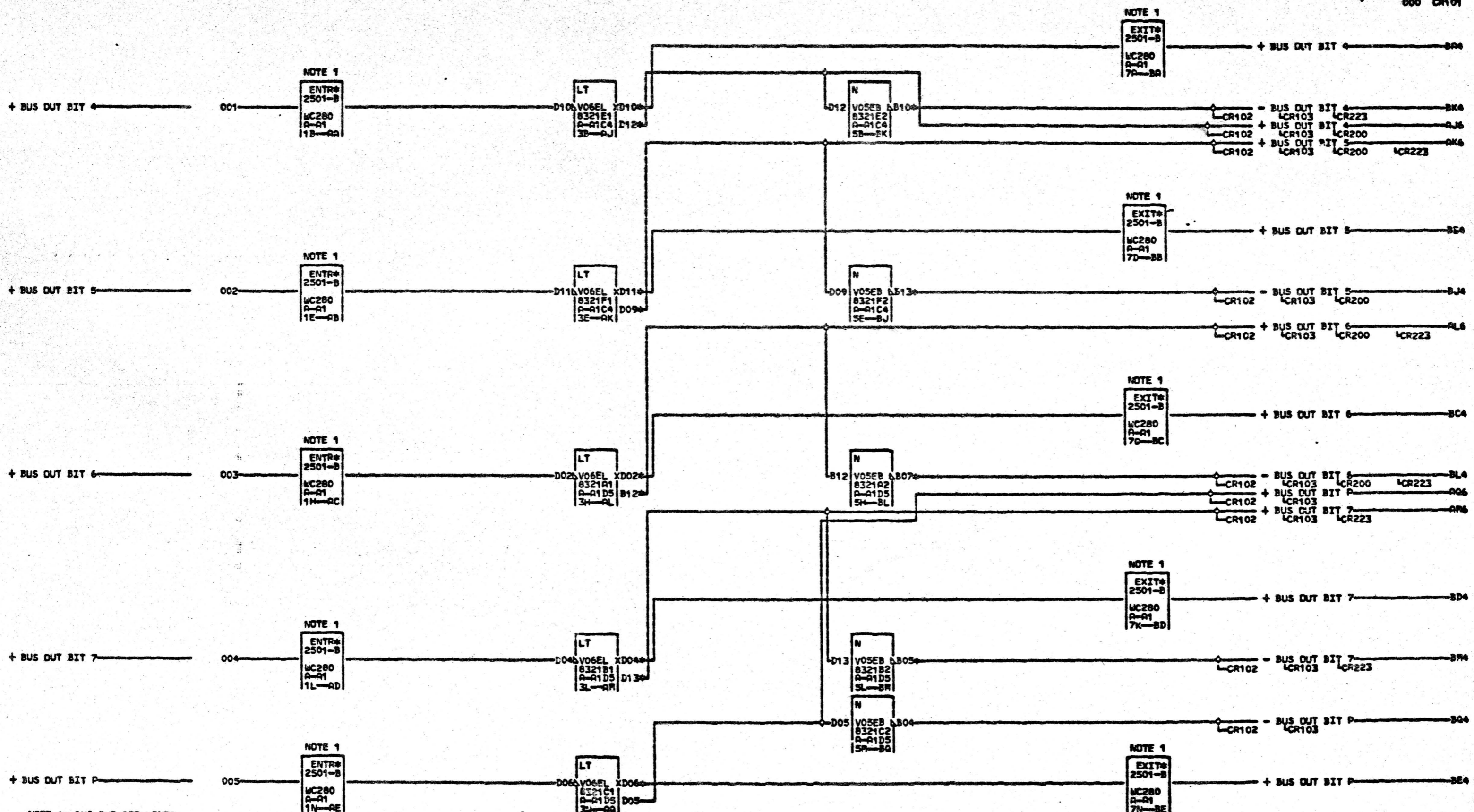
NOTE 1 - BUS OUT BIT LINES ARE + 3 VOLTS FOR SIGNAL AND 0 VOLTS NO SIGNAL

- AJ4 A-A1A4D04
- 01A A-A1B4D04
- AK4 A-A1A4E05
- 01A A-A1B4E05
- AL4 A-A1A4D06
- 01A A-A1B4D06
- AL6 A-A1A4E03
- 01A A-A1B4E03
- 01A A-A1A2B03
- 01B A-A1A3B03
- AM4 A-A1A4B08
- 01A A-A1B4B08
- AM6 A-A1A4B05
- 01A A-A1B4B05
- BL4 A-A1A4B04
- 01A A-A1B4B04

IF THIS LOGIC SHEET IS PRINTED ON GREEN PAPER, INSERT THIS SHEET BEHIND EXISTING LOGIC SHEET. WHEN UPDATING THIS MACHINE, REPLACE ONLY THE WHITE LOGIC SHEET. RETAIN THIS LOGIC SHEET UNTIL NOTIFIED TO REMOVE IT ON A FUTURE ENGINEERING CHANGE. IF THIS LOGIC SHEET IS PRINTED ON WHITE PAPER, REPLACE EXISTING LOGIC SHEET WITH THIS LOGIC SHEET.

05-03-66 811858B  
 05-16-66 811858D  
 08-10-66 811858K  
 04-25-67 814105

BUS OUT LINE RECEIVERS 1			
BITS 0 1 2 3			
DATE	05-09-67	FRAM#	2501-B
LOG	D535	FRAME	01
		P.N.	670040
IBM CORP.	SDD BLK.	BN	000



NOTE 1- BUS OUT BIT LINES ARE + 3 VOLTS FOR SIGNAL AND 0 VOLTS NO SIGNAL

CR 101  
000

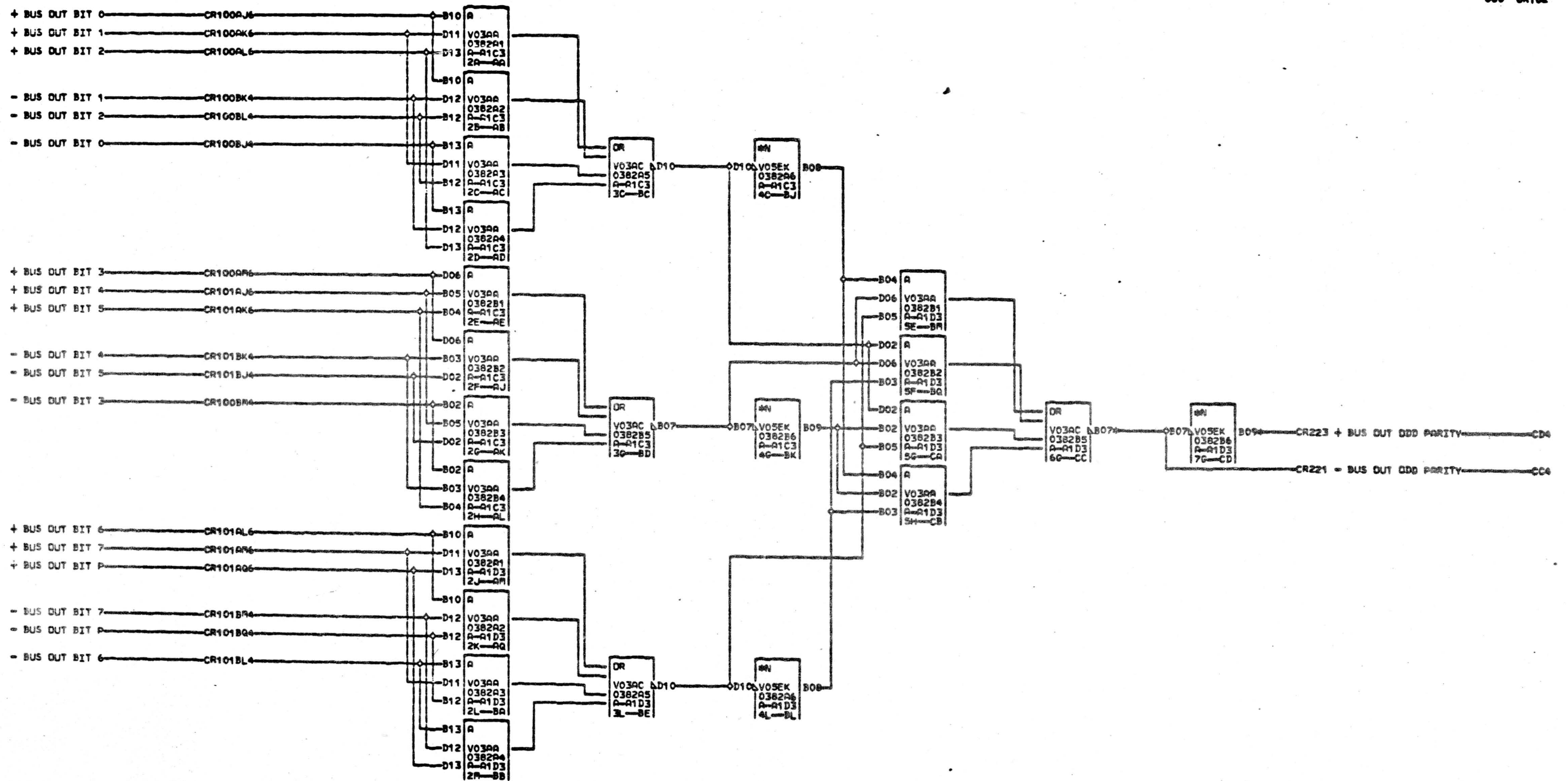
AJ4 A-1A4D09	01A-A1B4D11	BJ4 A-1A1N4B10
01A-A1B4D09	AL6 A-1A1N4B09	01A-B1A4B10
AJ6 A-1A1N4E06	01A-B1A4E09	EK4 A-1A1N4B07
01A-B1A4D06	AM4 A-1A1B4B12	01A-B1A4B07
AK4 A-1A1R4B10	01A-A1A4B12	BL4 A-1A1N4B11
01A-A1B4B10	AM6 A-1A1N4B12	01A-B1A4B11
AK6 A-1A1N4B08	01A-B1A4B12	BR4 A-1A1N4B13
01A-B1A4B08	AQ4 A-1A1A4B03	01A-B1A4B13
AL4 A-1A1A4D11	01A-A1B4B03	

IF THIS LOGIC SHEET IS PRINTED ON GREEN PAPER, INSERT THIS SHEET BEHIND EXISTING LOGIC SHEET. WHEN UPDATING THIS MACHINE, REPLACE ONLY THE WHITE LOGIC SHEET. RETAIN THIS LOGIC SHEET UNTIL NOTIFIED TO REMOVE IT ON A FUTURE ENGINEERING CHANGE. IF THIS LOGIC SHEET IS PRINTED ON WHITE PAPER, REPLACE EXISTING LOGIC SHEET WITH THIS LOGIC SHEET.

05-03-66 811858B  
05-16-66 811858D  
07-01-66 811858E  
08-10-66 811858K  
04-25-67 814105

BUS OUT LINE RECEIVERS 2  
BITS 4 5 6 7 P  
DATE 05-09-67 RACH. 2501-B  
LOG D535 FRAME 01  
PoNo 670041  
IBR CORP. SDD BLK. BR

CR 101  
000



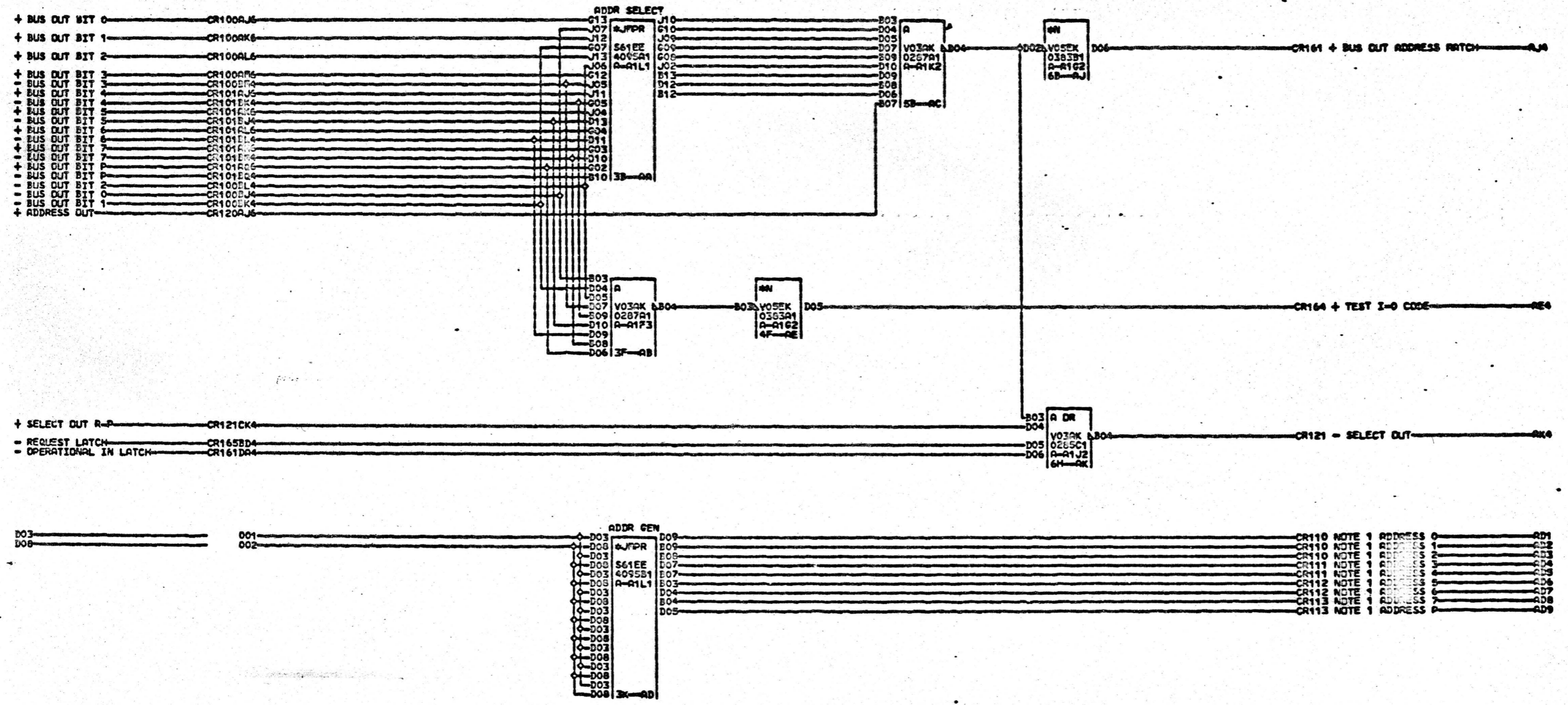
NO. 100

CC4 A-A1N4D03  
 01A-B1A4D03  
 CD4 A-A1N4D02  
 01A-B1A4D02

05-03-66 811850E  
 05-16-66 811858D  
 08-10-66 811858K

BUS OUT PARITY DETECTION			
DATE	08-18-66	FRAC#	2301-B
LOG	035	FRAGE	01
		P.No	670042
IBM CORP.	SDD	BLK.	CE

CR102



NOTE 1 RELATIVE LEVEL POLARITY OF THESE LINES IS DETERMINED BY THE WIRE ARRANGEMENT OF THE ADDR GEN JUMPERS REFER TO A6000

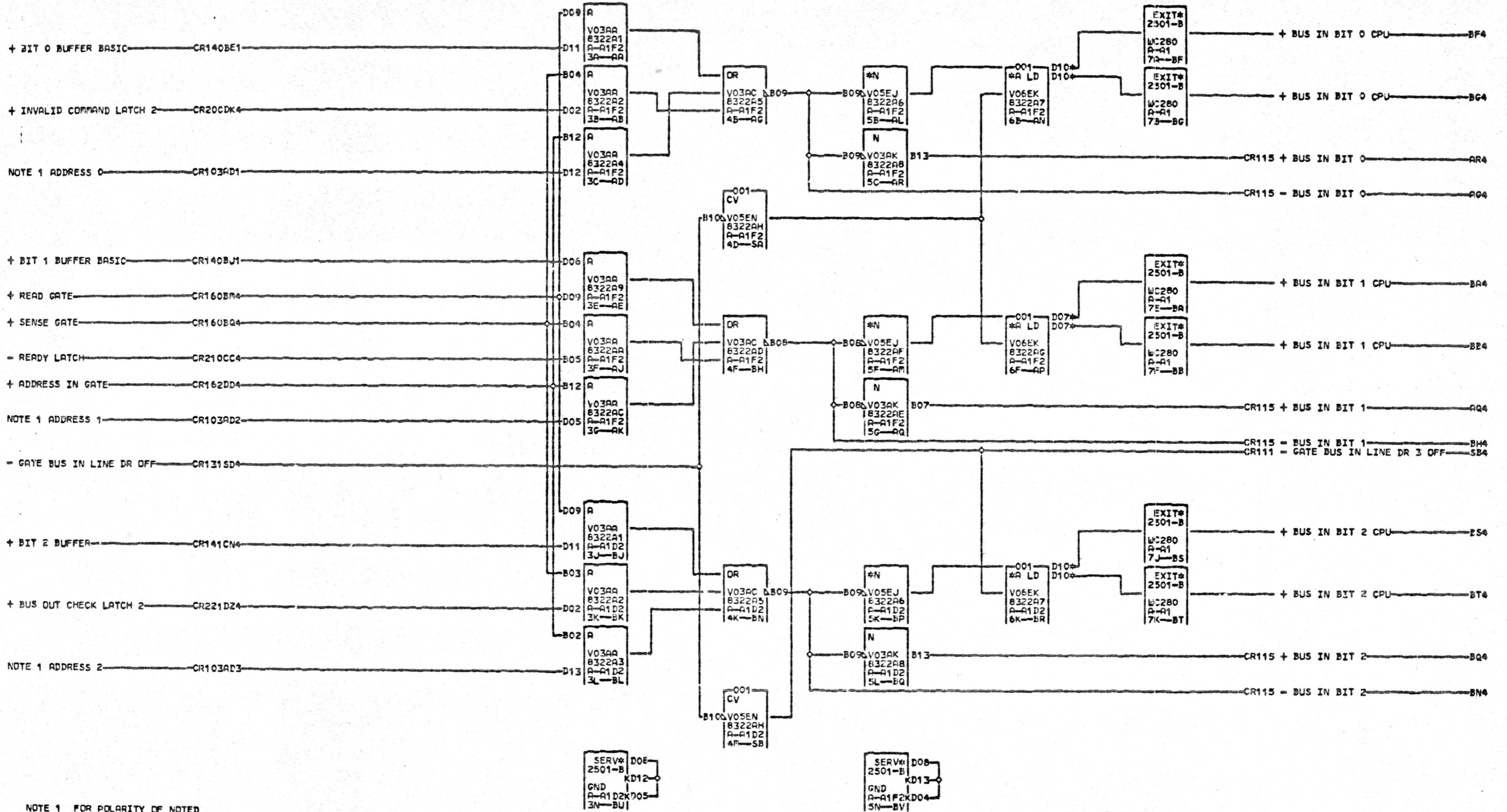
CR 103

000

05-03-66 811858B  
 05-16-66 811858D  
 08-10-66 811858K

UNIT ADDRESS SELECTION AND TEST I-O CODE		
DATE	08-25-66	FRCH. 2301-B
LDG	036	FRAGE 01
		P.No. 670043
IBR CORP.	SDD BLK.	AL

000



NOTE 1 FOR POLARITY OF NOTED LINE SEE CR103 AND A6000

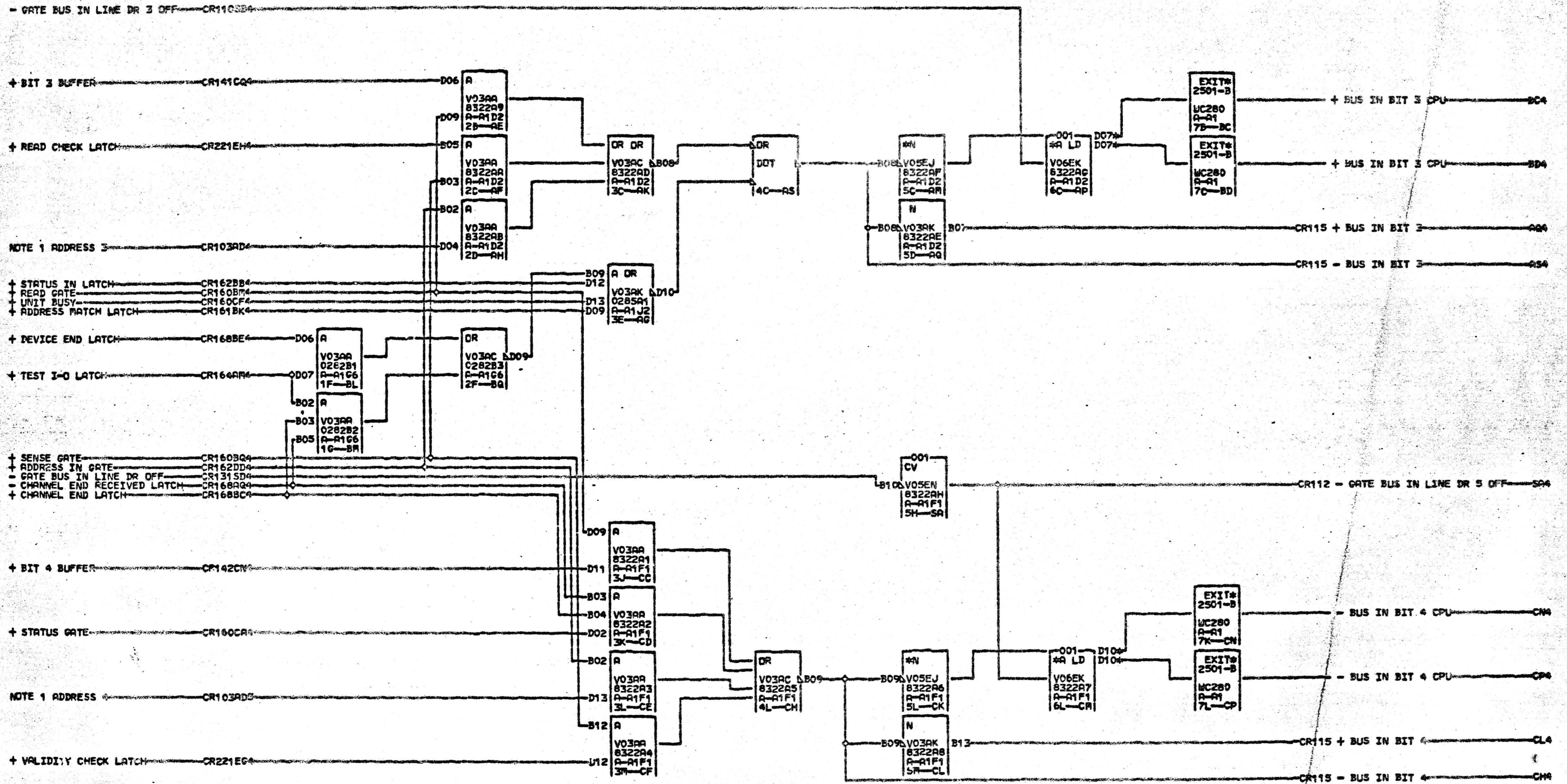
AN1	A-1A5D04
AN2	A-1B5D04
AP1	A-1A5B05
AP2	A-1B5B05
BR1	A-1A5D06
BR2	A-1B5D06

001 SIM TO PN 670044 EC 814105

07-01-67 814115

BUS IN MIX AND LINE DRIVERS			
BITS 0 1 2			
DATE	07-16-67	MACH.	2501-B
LOG	DA01	FRAME	01
		P.No	670128
IBM CORP.	SDD BLK.		SC

CR110

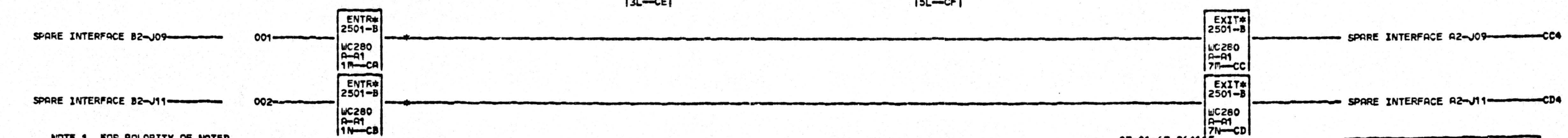
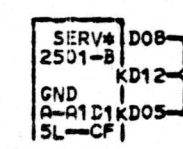
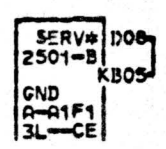
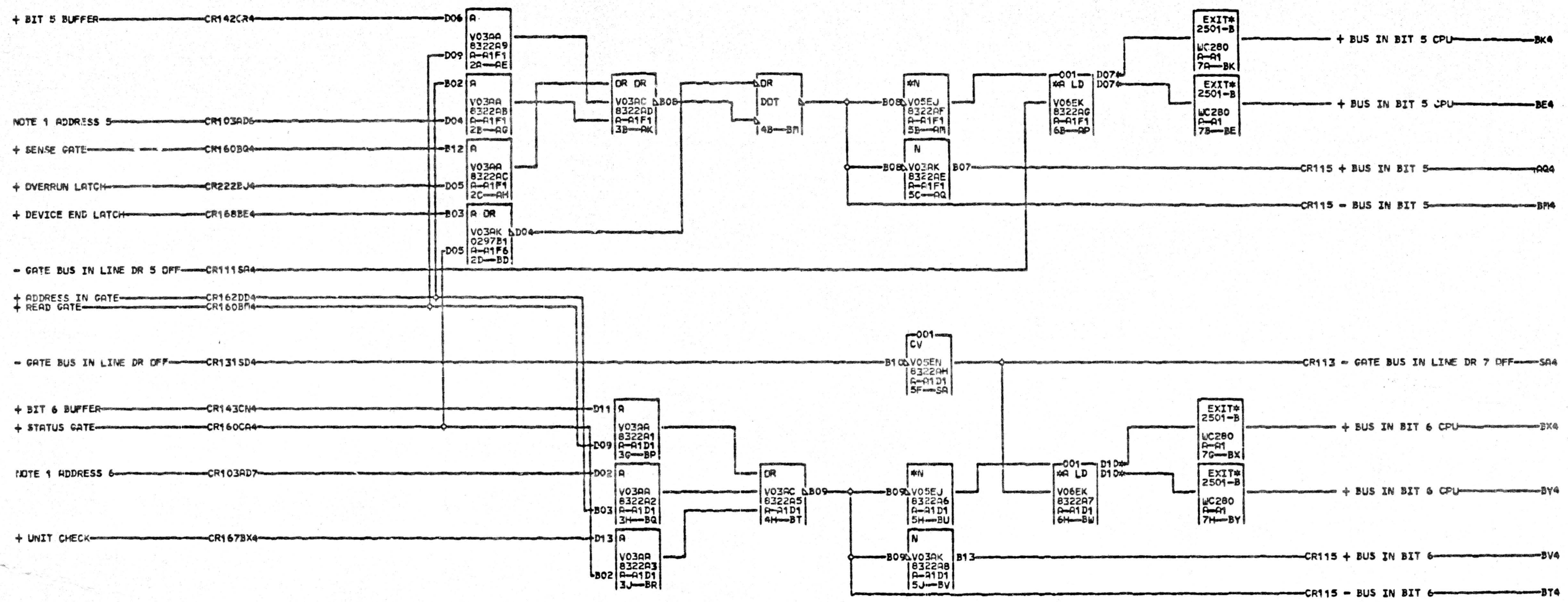


NOTE 1 FOR POLARITY OF NOTED LINES SEE CR103 AND R6000

AP1	R-01A5B08
AP2	R-01A5B08
CR1	R-01A5D08
CR2	R-01A5D09

07-01-67 814115

BUS IN MIX AND LINE DRIVERS			
BITS 3 4			
DATE	07-18-67	FRACM.	2501-B
LOG	DA01	FRAME	01
		PaNo.	670129
IBA CORP.	SDD BLK.		58



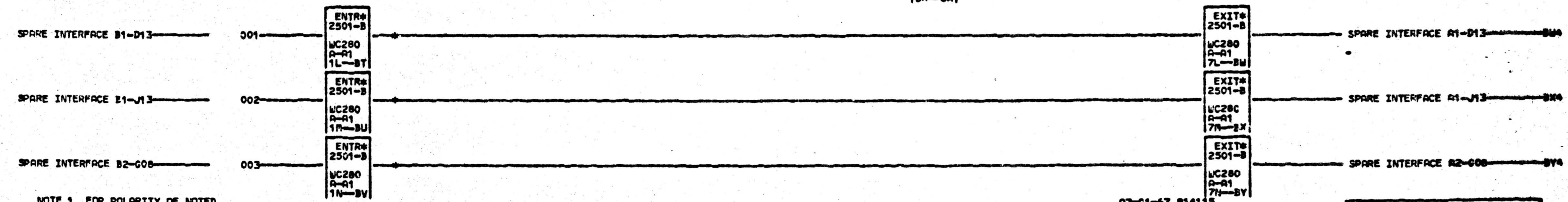
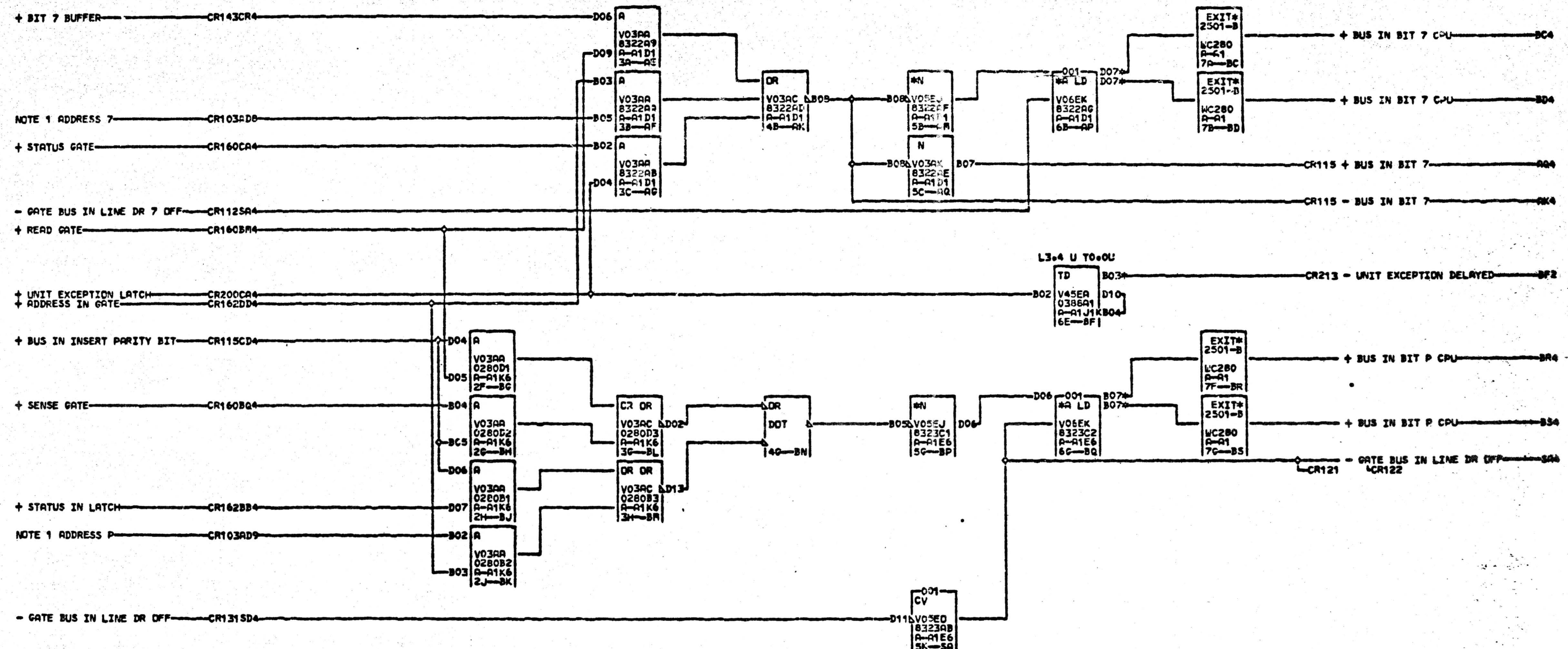
NOTE 1 FOR POLARITY OF NOTED LINES SEE CR103 AND P6000

AP1 A-A1A5B10  
 AP2 A-A1B5B10  
 BW1 A-A1A5D11  
 BW2 A-A1B5D11  
 CA4 A-A1A7D09  
 O1A A-A1B7D09  
 CB4 A-A1A7D11  
 O1A A-A1B7D11

SIR TO PN 670046 EC 814105

07-01-67 814115

BUS IN MIX AND LINE DRIVERS  
 BITS 5 6  
 DATE 07-18-67 MACH. 2501-B  
 LOG DA01 FRAME 01  
 P.N. 670130  
 IBM CORP. SDD BLK. SB



NOTE 1 FOR POLARITY OF NOTED LINES SEE CR103 AND R6000

AP1 A-A1A5B12	01A-A1B5D13
AP2 A-A1B5B12	BV4 A-A1A7B08
BF2 A-A1M1D12	01A-A1B7B08
01A-B1A1D12	
BQ1 A-A1A5B03	
BQ2 A-A1B5B03	
BT4 A-A1A4D13	
01A-A1B4D13	
BU4 A-A1A5D13	

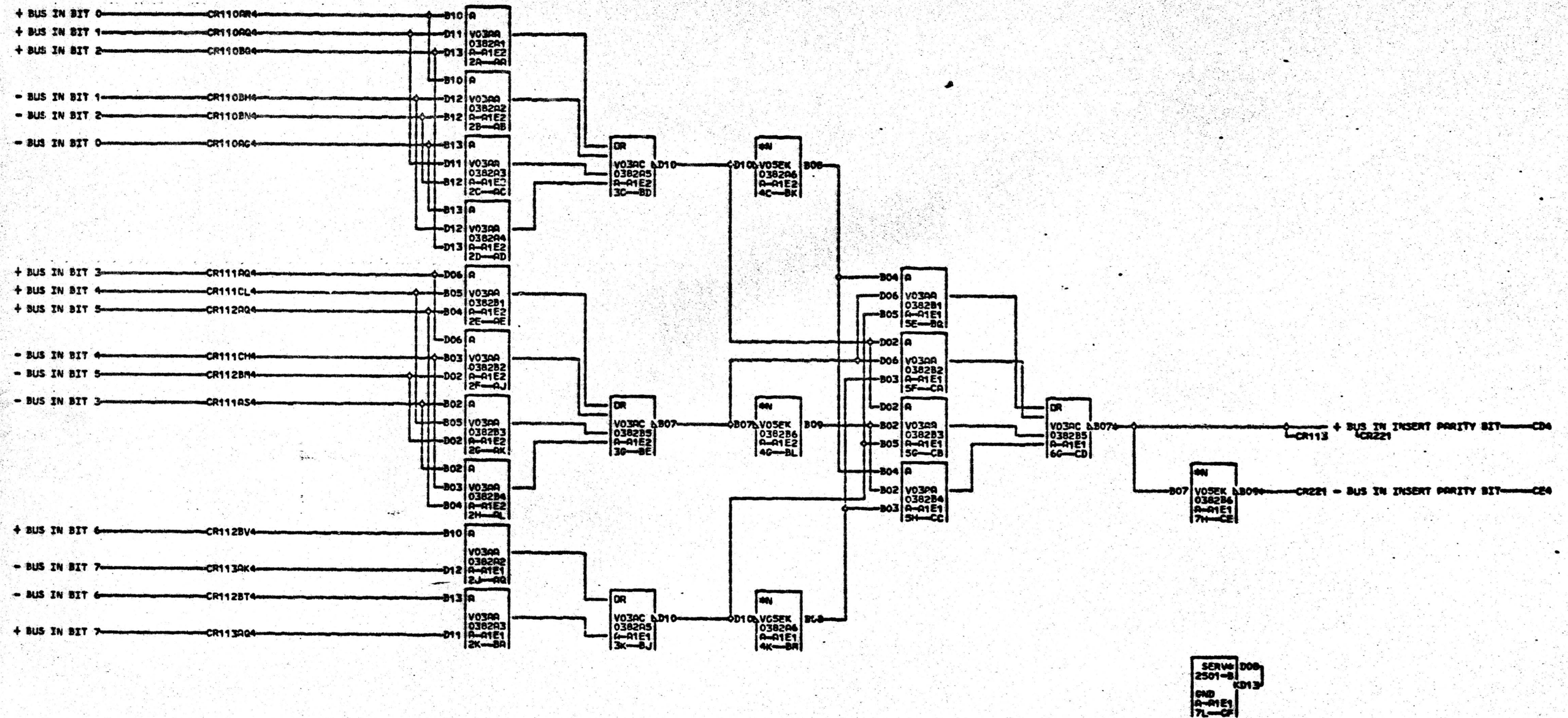
SIN TO PN 670047 EC 814105

07-01-67 814115

BUS IN MIX AND LINE DRIVERS  
 BITS 7 P  
 DATE 07-18-67 PACH# 2501-B  
 LOG DA01 PRARE 01  
 P.No. 670120  
 IBM CORP. SDD BLK. SB

CR 113

001



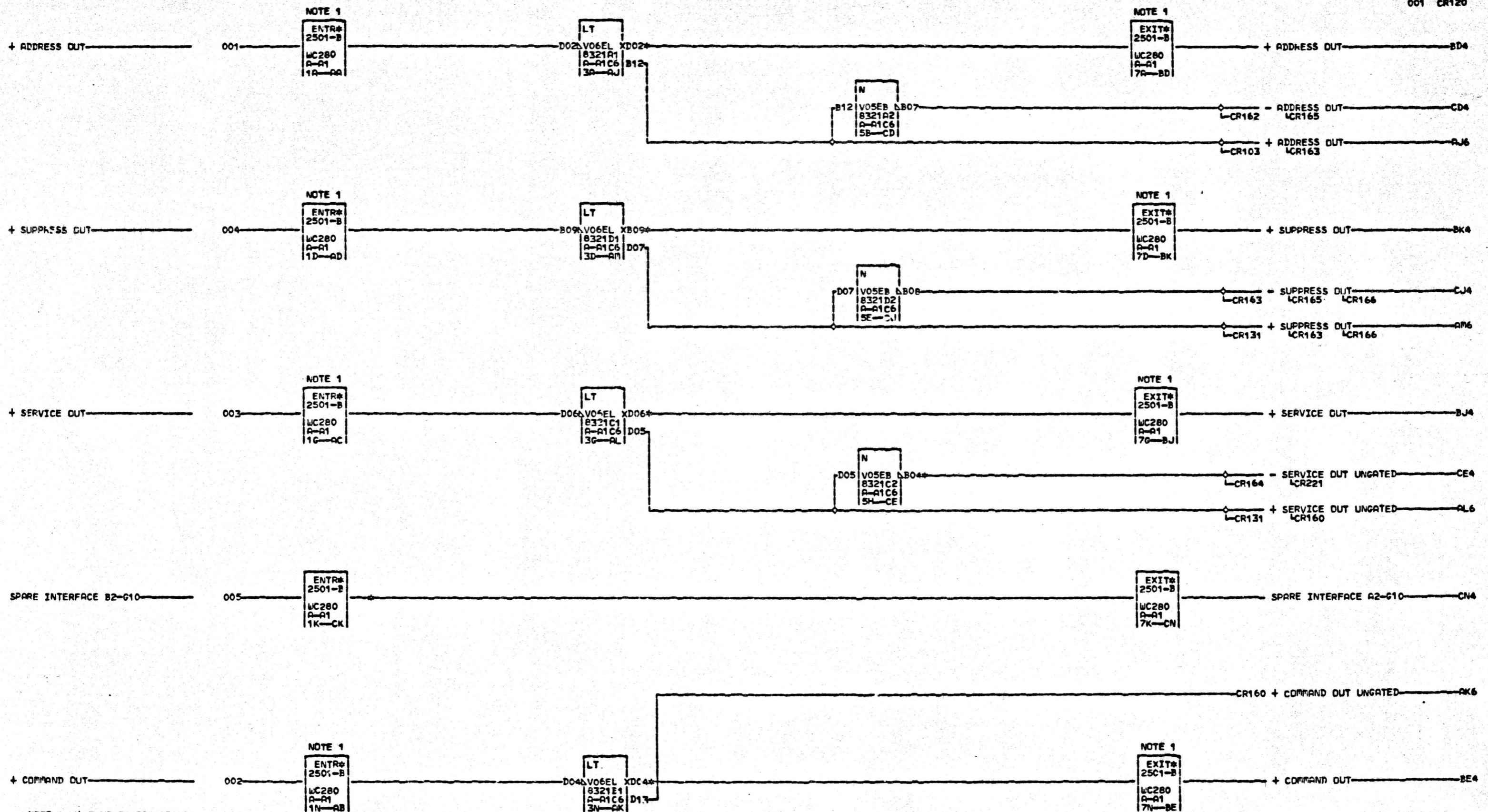
CD4 A-01N1B03  
 01A-01A1B03  
 CE4 A-01N1B04  
 01A-01A1B04

09-03-66 811858B  
 03-16-66 811858D  
 08-10-66 811858K

BUS IN PARITY GENERATOR		
DATE	08-25-66	FRAC. 2501-B
LOG	036	FRAGE 01
P.N.		670048
IBM CORP.	SDD BLK.	06

CR115  
 000

CR115  
 000



NOTE 1 + 3 VOLTS FOR SIGNAL  
0 VOLTS FOR NO SIGNAL

CR120  
001

STM TO PN 670049 EC 814105

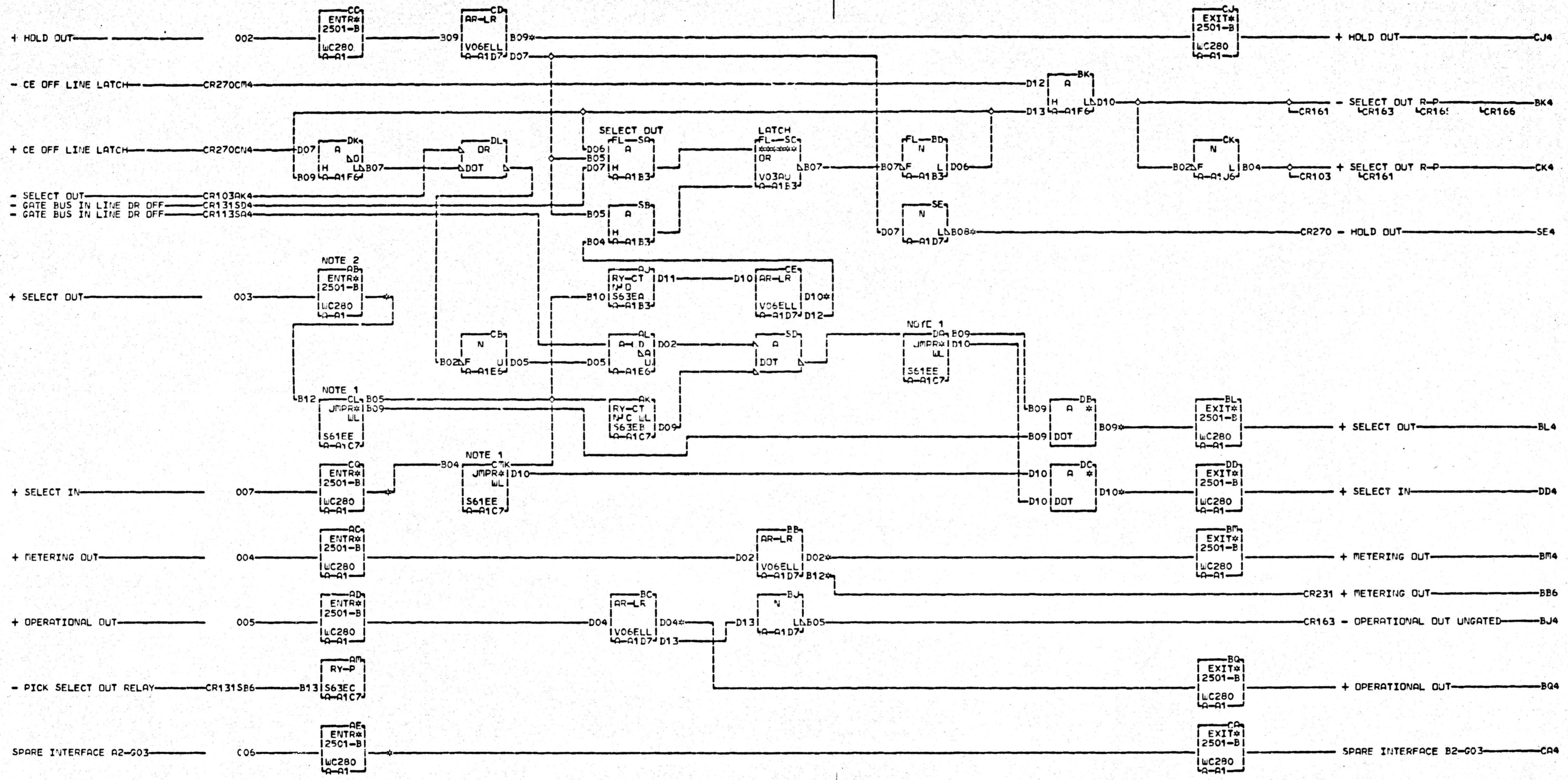
AJ4 A-A1A6B10  
01A-A1B6B10  
AK4 A-A1A6D11  
01A-A1B6D11  
AL4 A-A1A6D13  
01A-A1B6D13  
AM4 A-A1A6B12  
01A-A1B6B12  
CE4 A-A1N5D02

01A-B1A5D02  
CX4 A-A1A7B10  
01A-A1B7B10

07-01-67 814115

CONTROL OUT LINE RECEIVERS 1  
DATE 06-17-67 PACH# 2501-B  
LOG DC19 FRAME 01  
P.No 670149  
IBM CORP. SDD BLK. SA

CR120  
001



NOTE 1 CARD MANUAL JUMPER CONNECTION DETERMINES EFFECTIVE OUTPUT PIN CONNECTION UTILIZED. SEE A7000 FOR JUMPER CONNECTIONS.

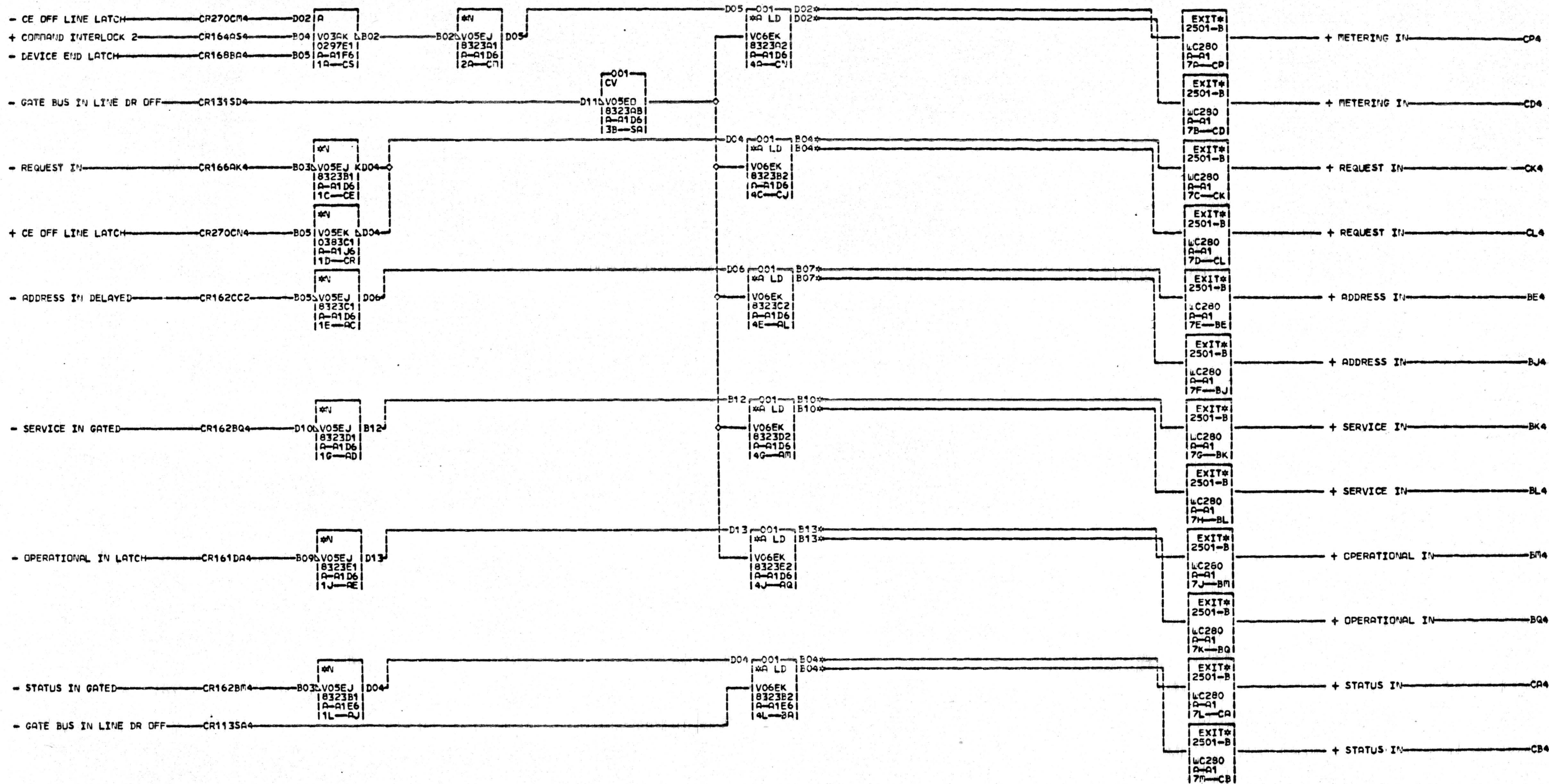
NOTE 2 0 VOLTS FOR SIGNAL +3 VOLTS FOR NO SIGNAL

AB4 A-A1A6D09	CD4 A-A1A7B12
AE4 A-A1A7B03	01A-A1B7B12
01A-A1B7B03	CE4 RESISTOR
BB4 A-A1A7U04	D-A1D7B02
01A-A1B7L04	CQ4 A-A1B6B08
BB6 A-A1N6D09	DB4 A-A1B6D09
01A-B1A6D09	DC4 A-A1A6B08
EC4 A-A1A7D13	SE4 A-A1A3D06
01A-A1B7D13	01A-B1A3D06

001 SIM TO PN 670050 EC 814105

LOC. TYPE  
 A-A1B3 7534  
 A-A1C7 8328  
 P-A1D7 8321  
 P-A1E6 8323  
 P-A1F6 0297  
 A-A1J6 0383

CONTROL OUT LINE RECEIVERS 2 AND SELECT OUT RELAY		C
E.C. HISTORY	MACH. 2501-B	R
814115		1
814115B	FRAME	01
		1
DATE	LAST EC	
11-10-67	814115C	001
IBM CORP. SDD		
P.No. 670132		



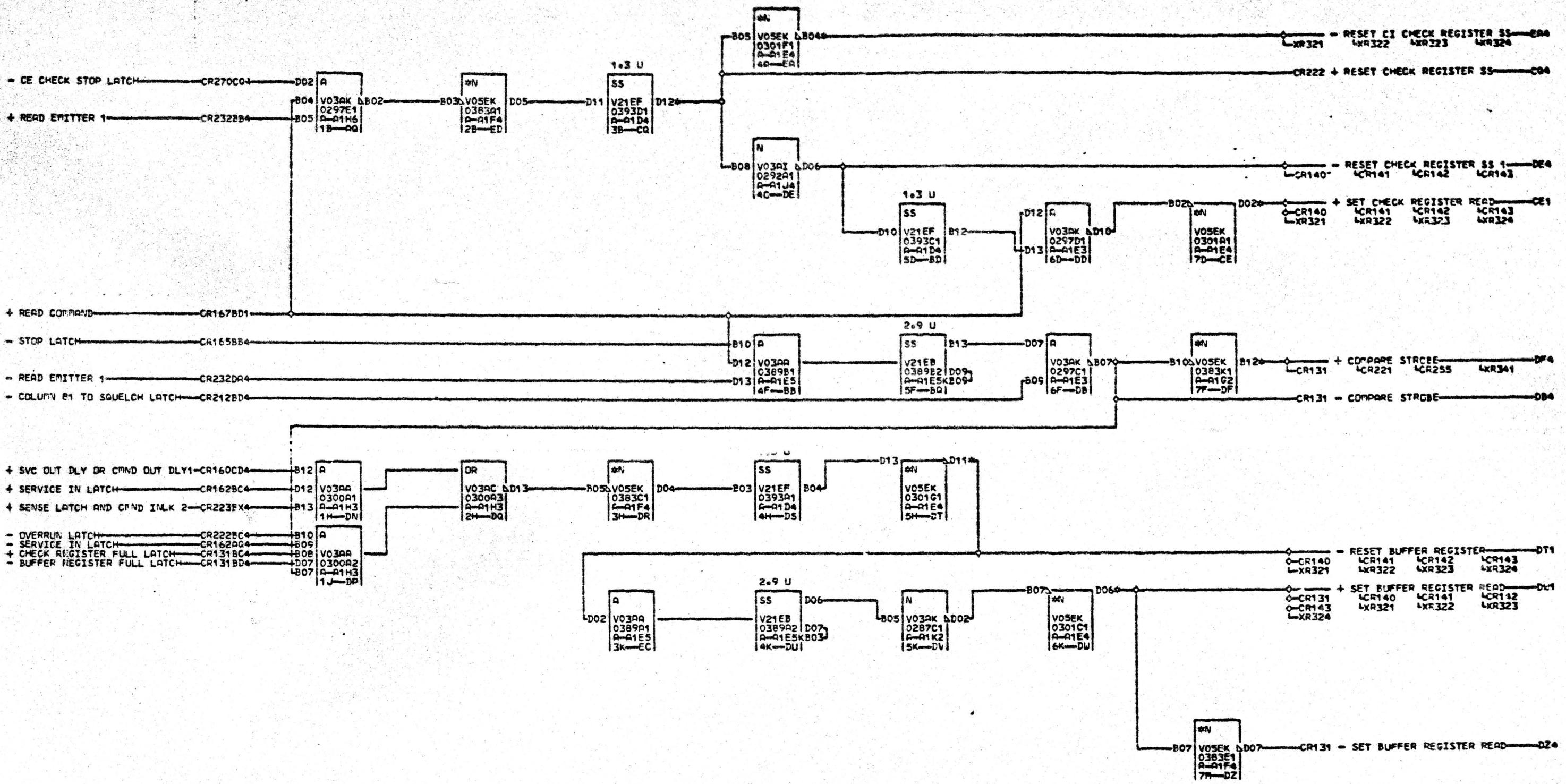
CERN  
 001  
 SIM TO PN 670051 EC 814105

AL1 A-A1A6B05 CJ2 A-A1B7D06  
 AL2 A-A1B6B05 CN1 A-A1A7B05  
 AM1 A-A1A6D06 CN2 A-A1B7B05  
 AM2 A-A1B6D06  
 AQ1 A-A1A6B03  
 AQ2 A-A1B6B03  
 EA1 A-A1A6D04  
 EA2 A-A1B6D04  
 CJ1 A-A1A7D06

07-01-67 814115  
 12-12-67 814460

CONTROL AND TAG IN LINE DRIVERS			
DATE	01-17-68	MACH.	2501-B
LOG	DI47	FRAME	01
		PaNo	670133
IBM CORP.	SDD	BLK.	SB1

C R 1 2 2  
001

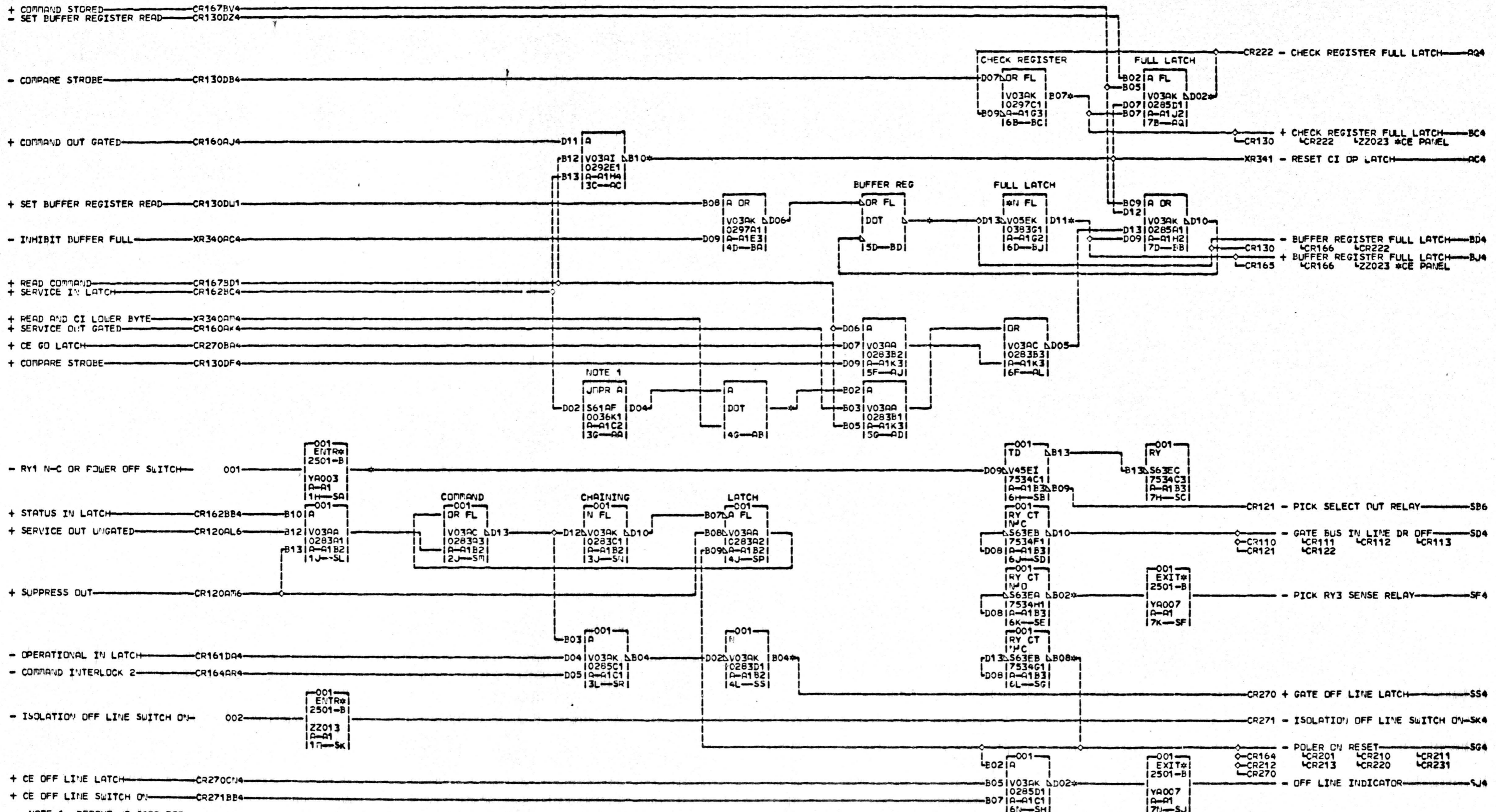


CE1 A-A1A1B03 01B-A1A2B04  
 01B-A1A2B03 DW1 A-A1A1B05  
 CQ4 P-A1A2D06 01B-A1A2B05  
 01P-B1A2D06 EA4 P-A1A2B04  
 DF4 P-A1A2D09 01E-A1A3B04  
 01P-A1A2D09  
 01P-A1A2B05  
 01B-A1A3B05  
 DT1 P-A1A1B04

05-03-66 811858B  
 05-16-66 811858D  
 07-01-66 811858G  
 07-11-66 811858J  
 08-10-66 811858K  
 11-03-66 812426

BUFFER AND CHECK REGISTER CONTROLS		
DATE	11-04-66	FRAMES 2501-8
LOG	041	FRAME 01
P.N. 670052		000
IBM CORP.	SDD BLK.	EE

500



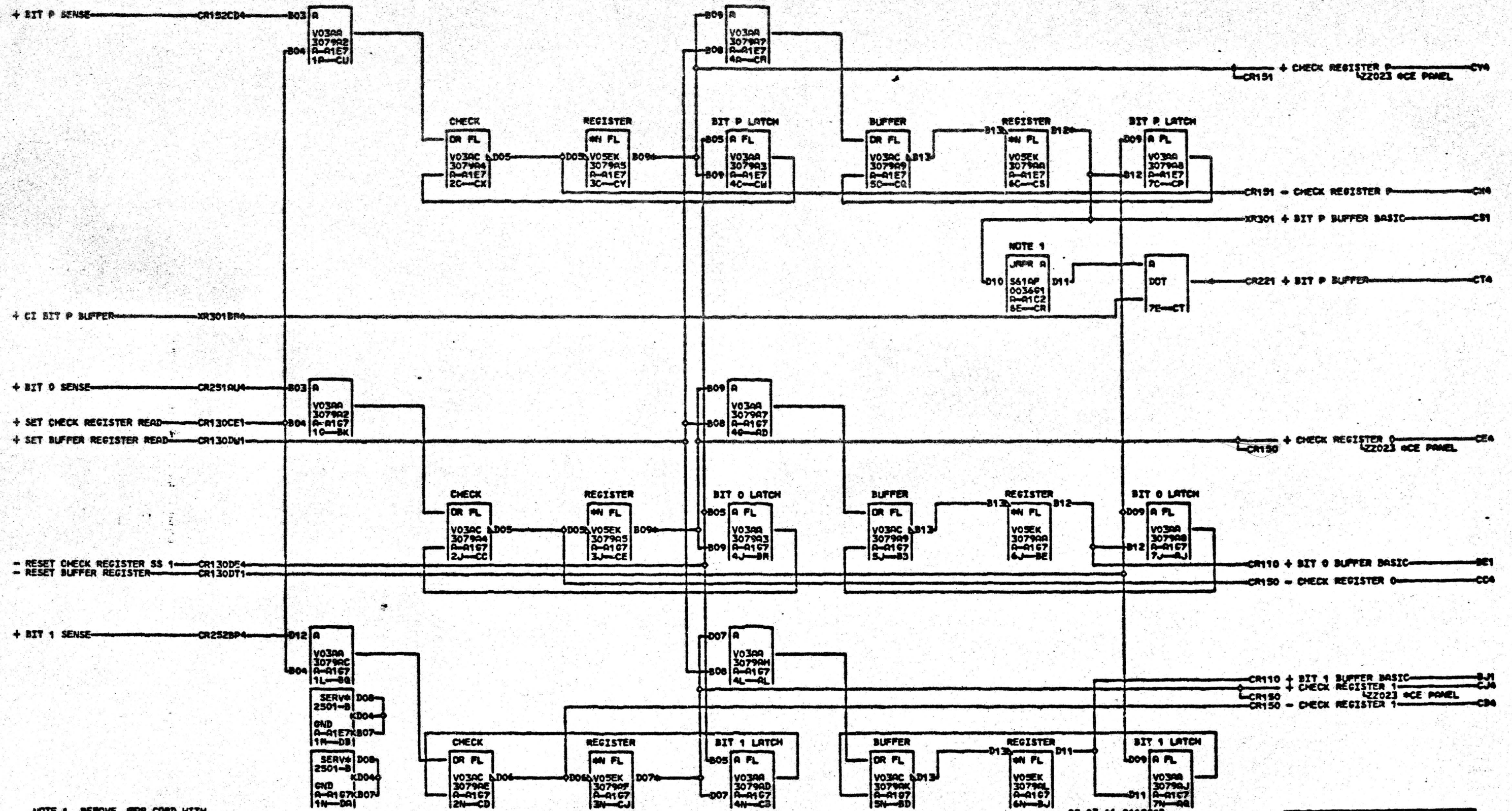
NOTE 1 REMOVE JP CARD FOR CARD IMAGE FEATURE

AB4 A-A1A1D09	BD4 A-A1N2D07	01A-B1A6D07
01B-A1A2D09	01A-B1A2D07	
AC4 A-A1A1B07	BJ4 A-A1N7B03	
01B-A1A2B07	SA4 A-A1A3B02	
AQ4 A-A1N2D05	SE4 A-A1A3B04	
01A-B1A2D05	SG4 A-A1N5B09	
BC4 A-A1N2D04	01A-B1A5B09	
01A-B1A2D04	S44 A-A1A3B05	
01A-B1N6B11	SS4 A-A1N6D07	

07-01-67 814115  
 10-05-67 814115B  
 12-12-67 814460

BUFFER FULL AND CHECK REGISTER FULL LATCHES			
DATE	01-17-68	MACH	2501-B
LOG	DI47	FRAME	01
		P.No	670134
IBM CORP.		SDD BLK	571

C R 1 3 1



NOTE 1  
 JPR A  
 S41AP  
 003661  
 A-A1C2  
 8E-CR

A  
 DOT  
 7E-CT

NOTE 1 REMOVE JPR CARD WITH  
 CARD IMAGE INSTALLED

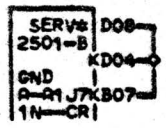
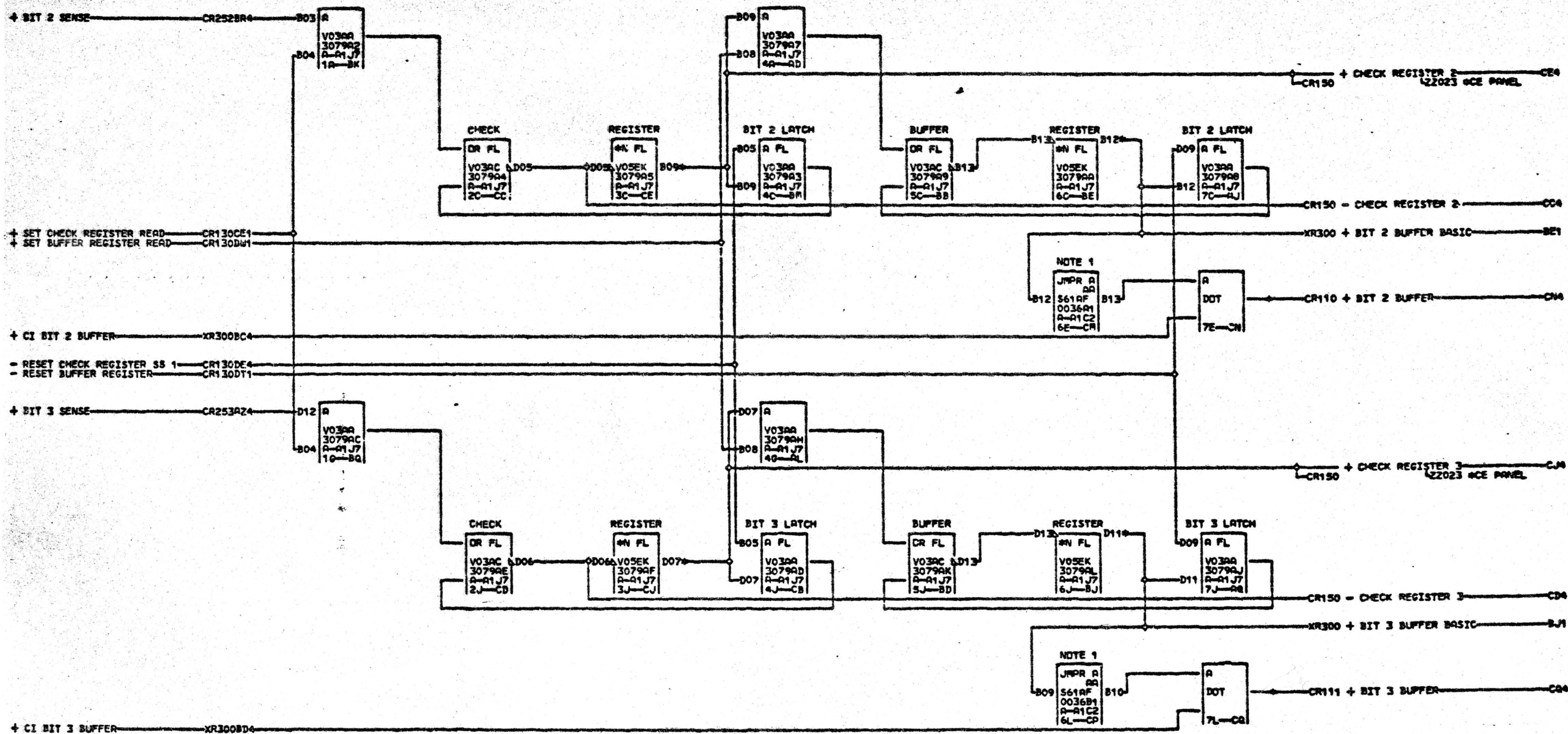
- CE4 A-A1N7B05
- CJ4 A-A1N7B07
- CS1 A-A1A1B08
- CT4 A-A1A2B08
- CT4 A-A1A3B03
- CT4 A-A1A3B03
- CT4 A-A1A2D07
- CT4 A-A1A3D07
- CY4 A-A1N7B04

05-03-66 B118583  
 05-16-66 B11858D  
 08-10-66 B11858K

BUFFER AND CHECK REGISTER  
 BITS P O 1  
 DATE 09-07-66 PACH: 2501-B  
 LOG 038 FRAME 01  
 P.No. 670054  
 IBA CORP. SDD BLK. DC

CR140  
 000

CR140  
 000



NOTE 1 REMOVE JMPR CARD WITH CARD IMAGE INSTALLED

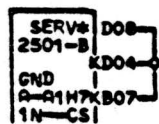
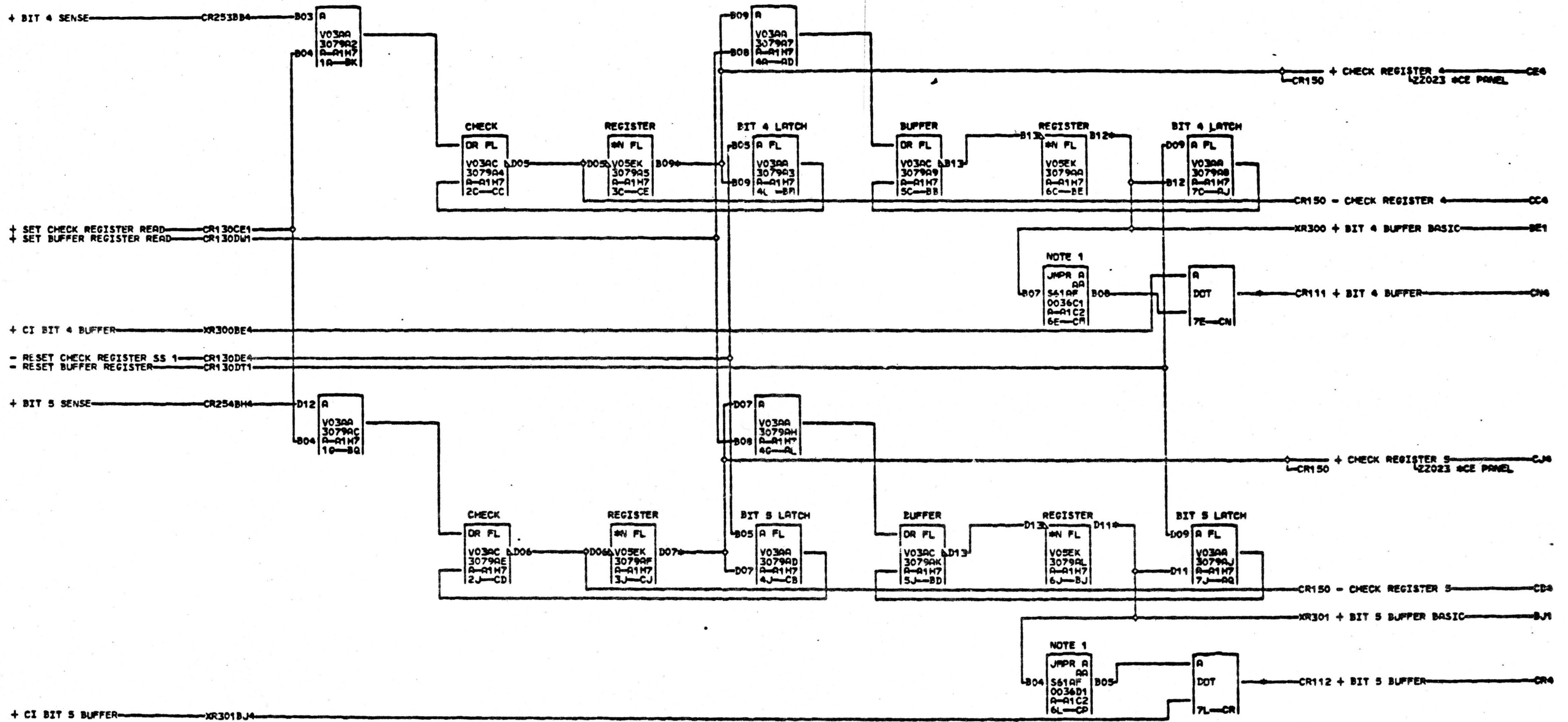
- BE1 A-A1A1B09
- O1B A-A1A2B09
- BJ1 A-A1A1B10
- O1B A-A1A2B10
- CE4 A-A1N7B08
- CJ6 A-A1N7B09
- CN4 A-A1A2B12
- O1B A-A1A3B12
- CQ4 A-A1A2B13
- O1B A-A1A3B13

05-03-66 8118588  
05-16-66 811858D  
08-10-66 811858K

BUFFER AND CHECK REGISTER  
BITS 2 AND 3  
DATE 08-30-66 RACH# 2501-B  
LOG 037 FRAME 01  
P.N. 670098  
IBR CORP. SDD BLK. CS

CR 141  
000

CR 141  
300



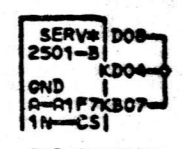
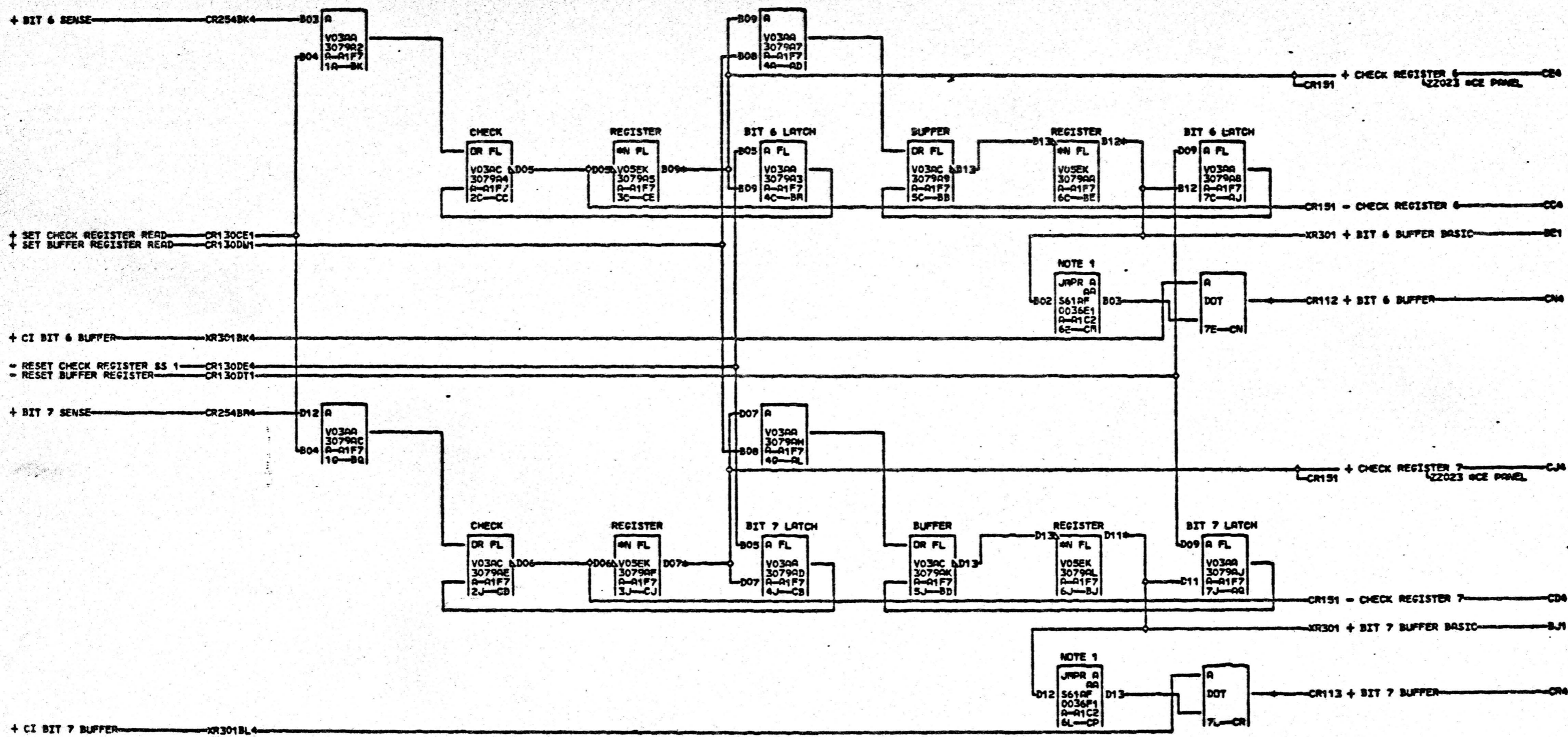
NOTE 1 REMOVE JNPR CARD WITH CARD IMAGE INSTALLED

- BE1 A-A1A1B12
- O1B A-A1A2B12
- BJ1 A-A1A1B13
- O1B A-A1A2B13
- CE4 A-A1N7B10
- CJ4 A-A1N7B12
- CN4 A-A1A2D02
- O1B A-A1A3D02
- CR4 A-A1A2D04

O1B-A1A3D04

05-03-66 811858B  
 05-16-66 811858D  
 08-10-66 811858K

BUFFER AND CHECK REGISTER  
 BITS 4 AND 5  
 DATE 08-30-66 FRM. 2501-B  
 LOG 037 FRAME 01  
 P.No. 670056  
 IBM COMP. SDD BLK. CT



NOTE 1 REMOVE JNPR CARD WITH CARD IMAGE INSTALLED

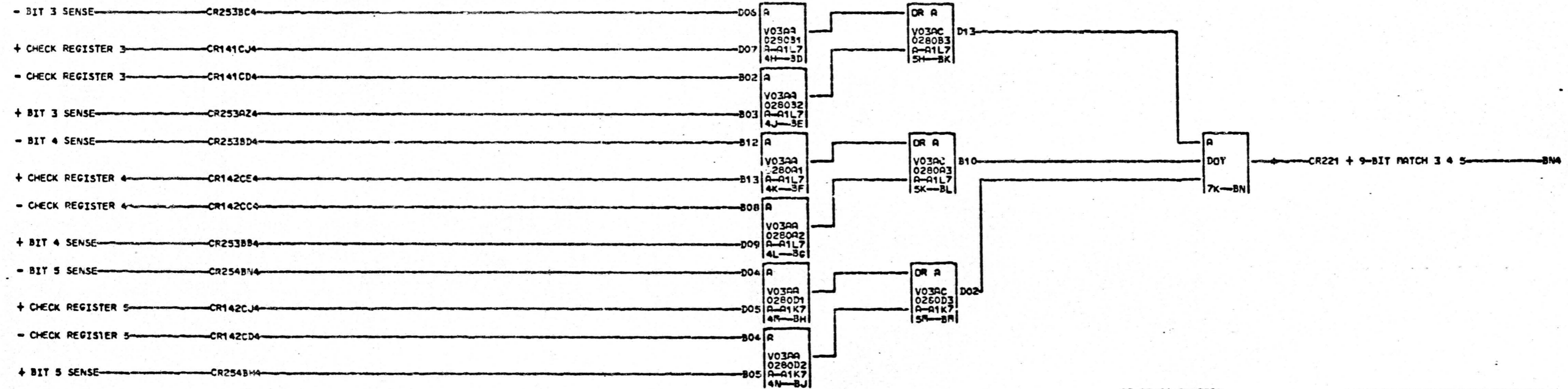
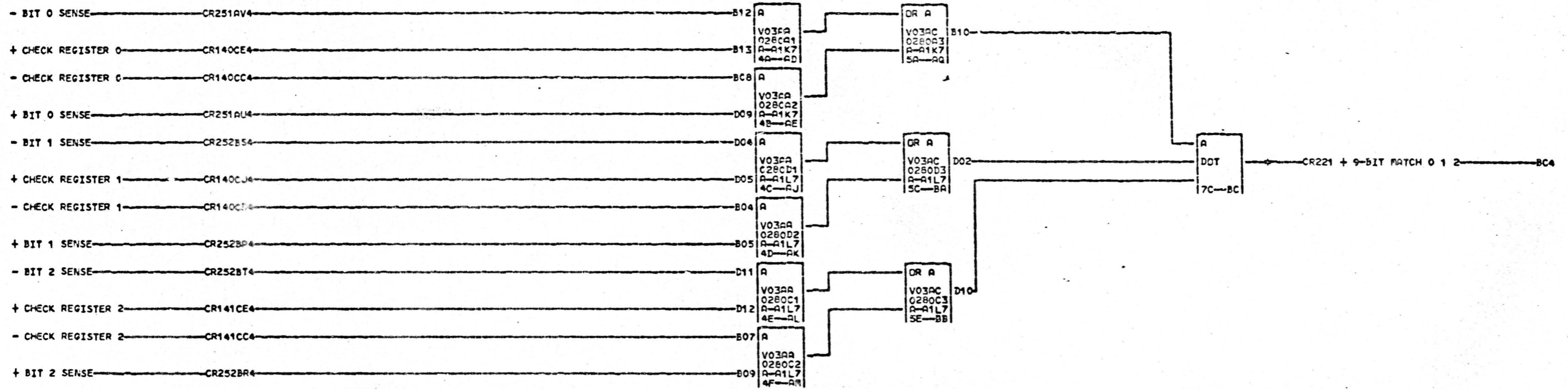
- BE1 A-01A1D02
- O1B A-01A2D02
- BJ1 A-01A1D04
- O1B A-01A2D04
- CE4 A-01N7B13
- CJ4 A-01N7D02
- CM4 A-01A2D05
- O1B A-01A3D05
- CR4 A-01A2D06

01B-A1A3D06

05-03-66 811858B  
05-16-66 811858D  
03-10-66 811858K

BUFFER AND CHECK REGISTER		
BITS 6 AND 7		
DATE 08-30-66 PACH. 2501-B		
LOG	037	FRAME 01
		P.N. 670057
IBR CORP.	SDD BLK.	CT

000



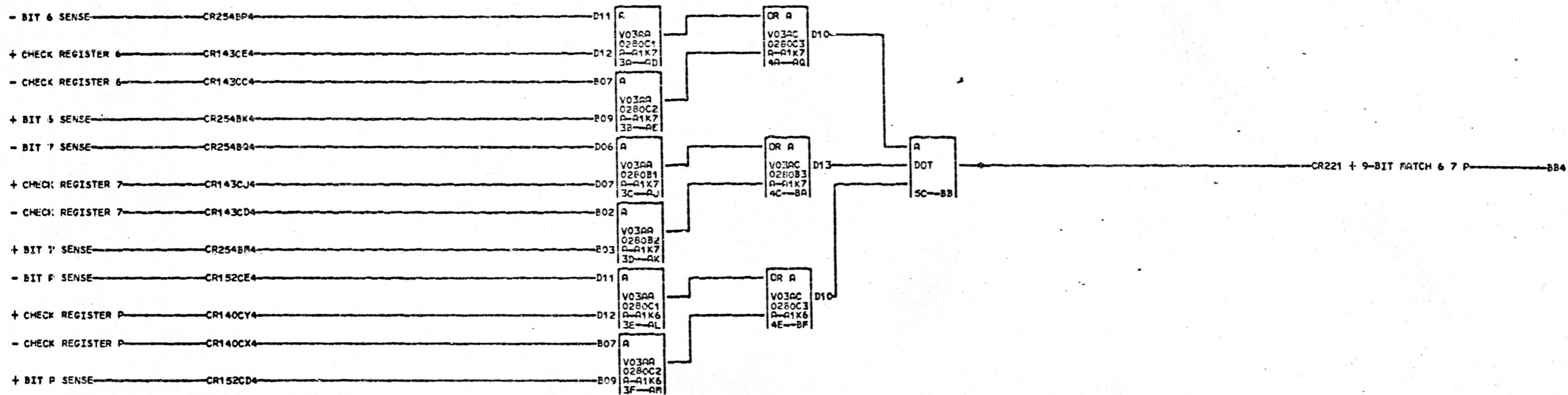
C  
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BC4 A-A1M1B05  
 01A-B1R1B05  
 BN4 A-A1N1B06  
 01A-B1R1B06

05-03-66 811858B  
 05-18-66 811858D  
 08-10-66 811858K

9-BIT MATCH			
DATE	BITS 0 1 2 3 4 5	FRAME	01
LDO	036	FRAME	01
P.No		67005w	
IBN CORP.	SDD BLKs	BP	

C R 1 5 0 000



C  
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BB4 A-A1N1807  
01A-B1R1807

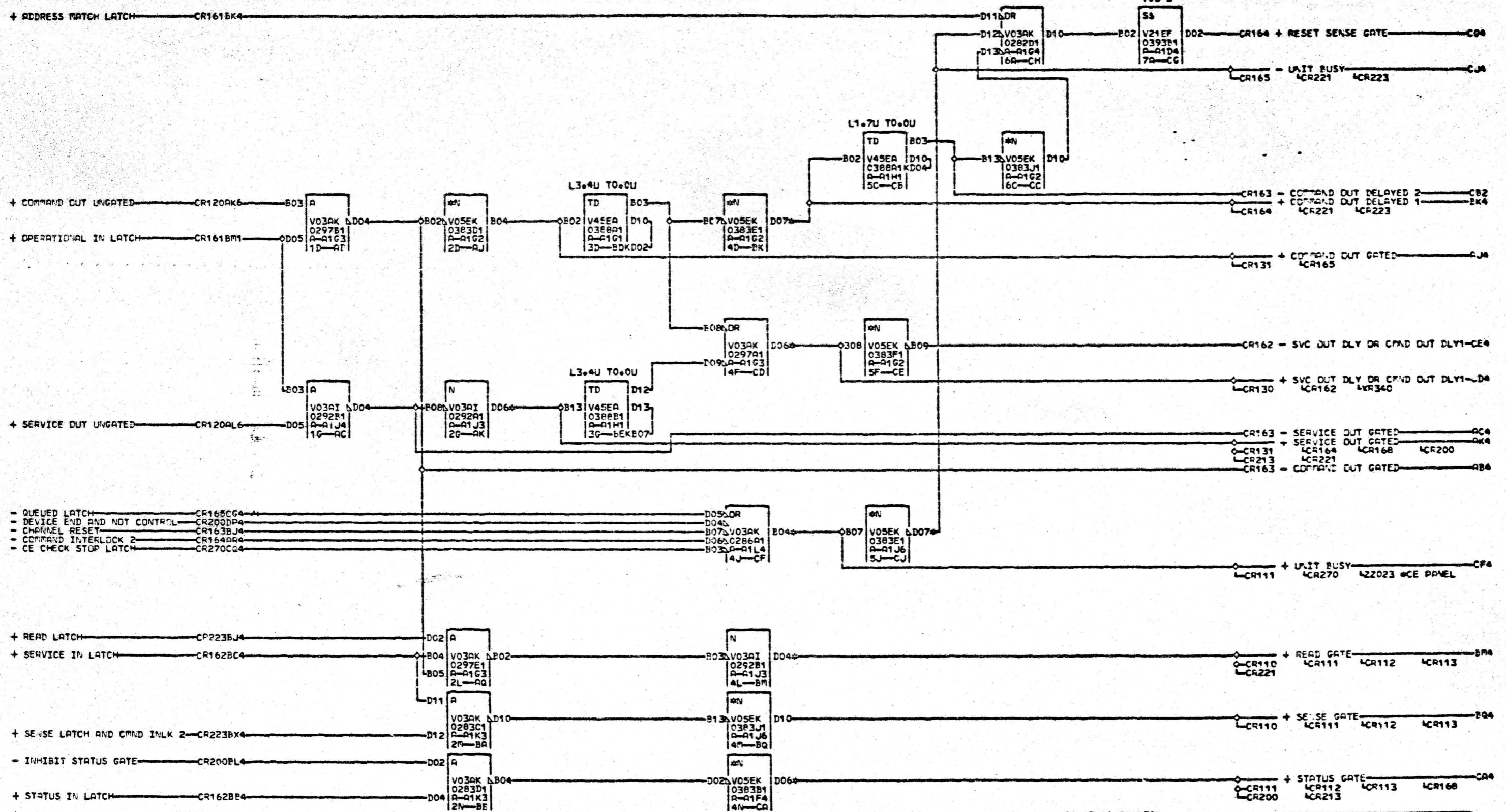
05-03-66 811858B  
05-16-66 811858D  
08-10-66 811858K

9-BIT MATCH			
BITS 6 7 8			
DATE	08-25-66	FRAM.	2501-9
LOG	036	FRAME	01
		P.No.	670039
IBM CORR.	SDD BLK.		80

C  
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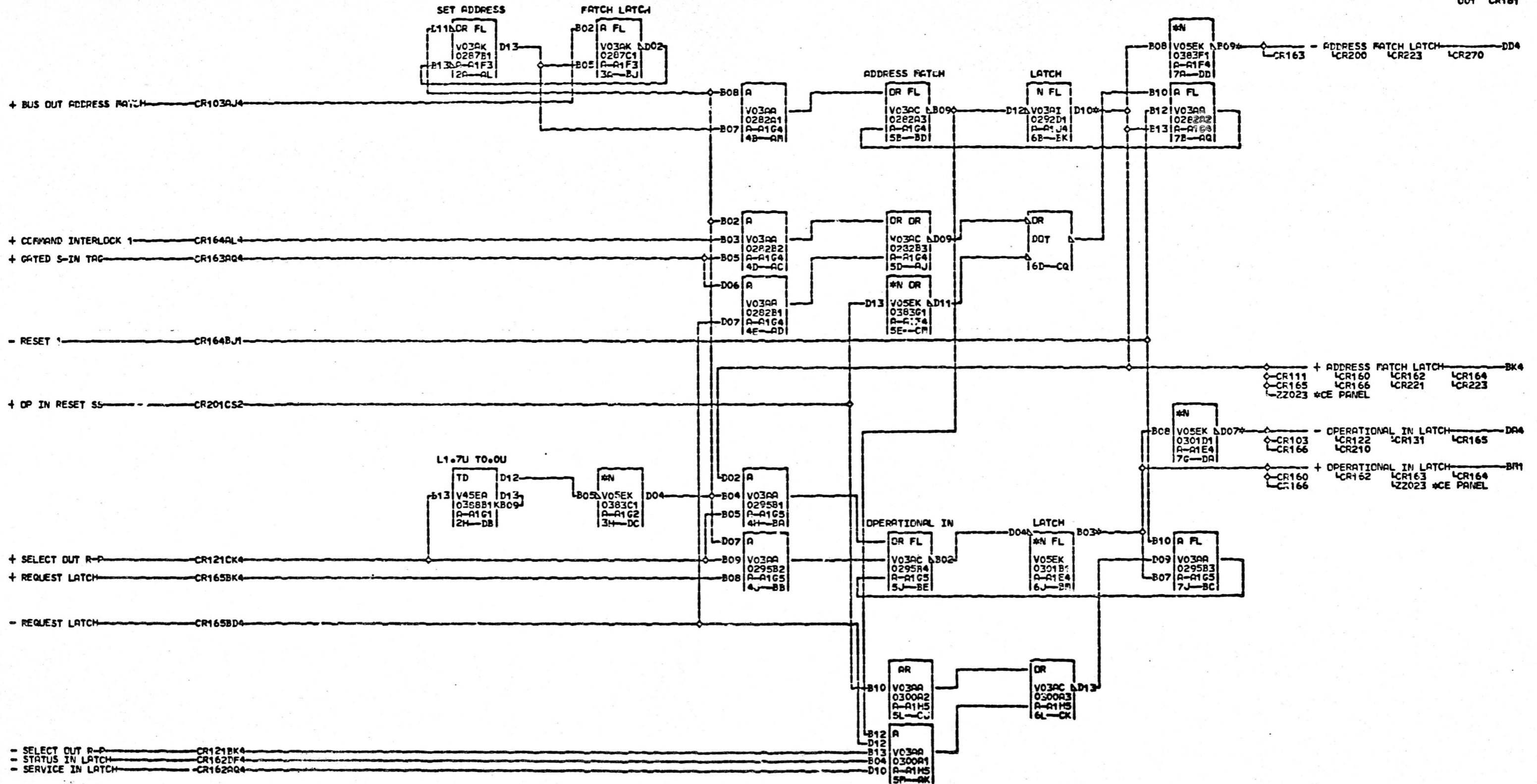


CR	1	6	0	000
AK4	A-A1N5B13	01B-A1A2D05		
01A	B1A5B13	CF4-A-A1N7B11		
BK4	A-A1N6D13	01A-A1N1D10		
01A	B1A6D13	01A-B1A1D10		
BM4	A-A1N5D04	CJ4-A-A1N3B04		
01A	B1A5D04	01A-B1A3E04		
CA4	A-A1N5D03			
01A	B1A5D03			
CD4	A-A1A1D05			

05-03-66 811858B  
 05-16-66 811858D  
 07-11-66 811858J  
 08-10-66 811858K  
 11-03-66 812426

OUT TAG GATES AND DELAYS		
BUS IN MIX GATES		
DATE	11-04-66	MACH. 2501-B
LOG	041	FRAME 01
P.N. 670061		
IBR CORP.	SDD BLK.	CK

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BK4 P-01N4104  
 01P-01A404  
 01P-01N6812  
 BM1 P-01N7004  
 DA4 P-01N3803  
 01P-01A3803  
 DD4 P-01N4003  
 01P-01A4003

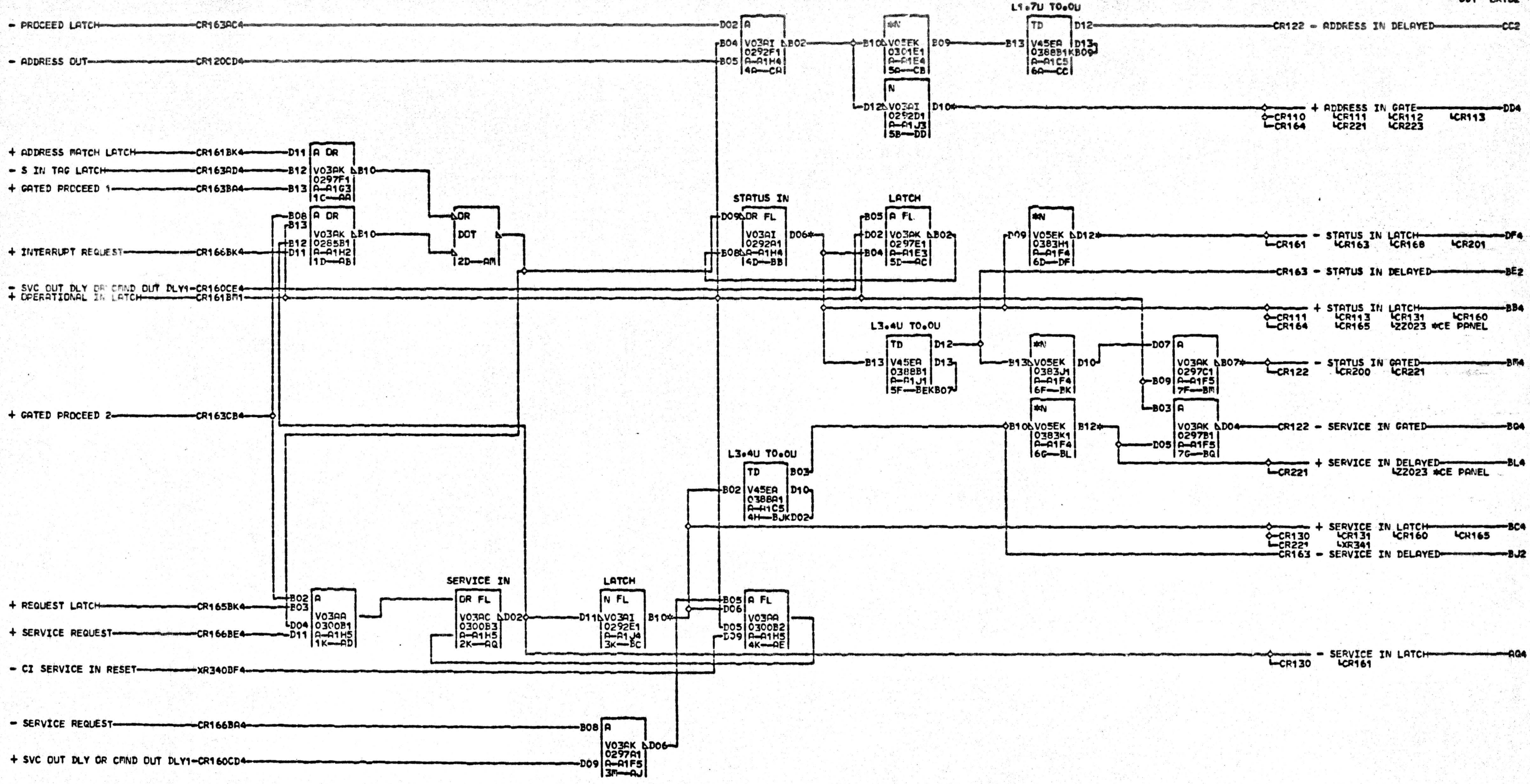
07-01-67 814115

ADDRESS MATCH AND OPERATIONAL  
 IN LATCHES  
 DATE 08-17-67 PACH. 2301-B  
 L39 DC19 FRAME M  
 P.No. 670172  
 IBR CORP. SDC BLK. SA

001

SIA TO PN 670062 EC 811858X

CR 161



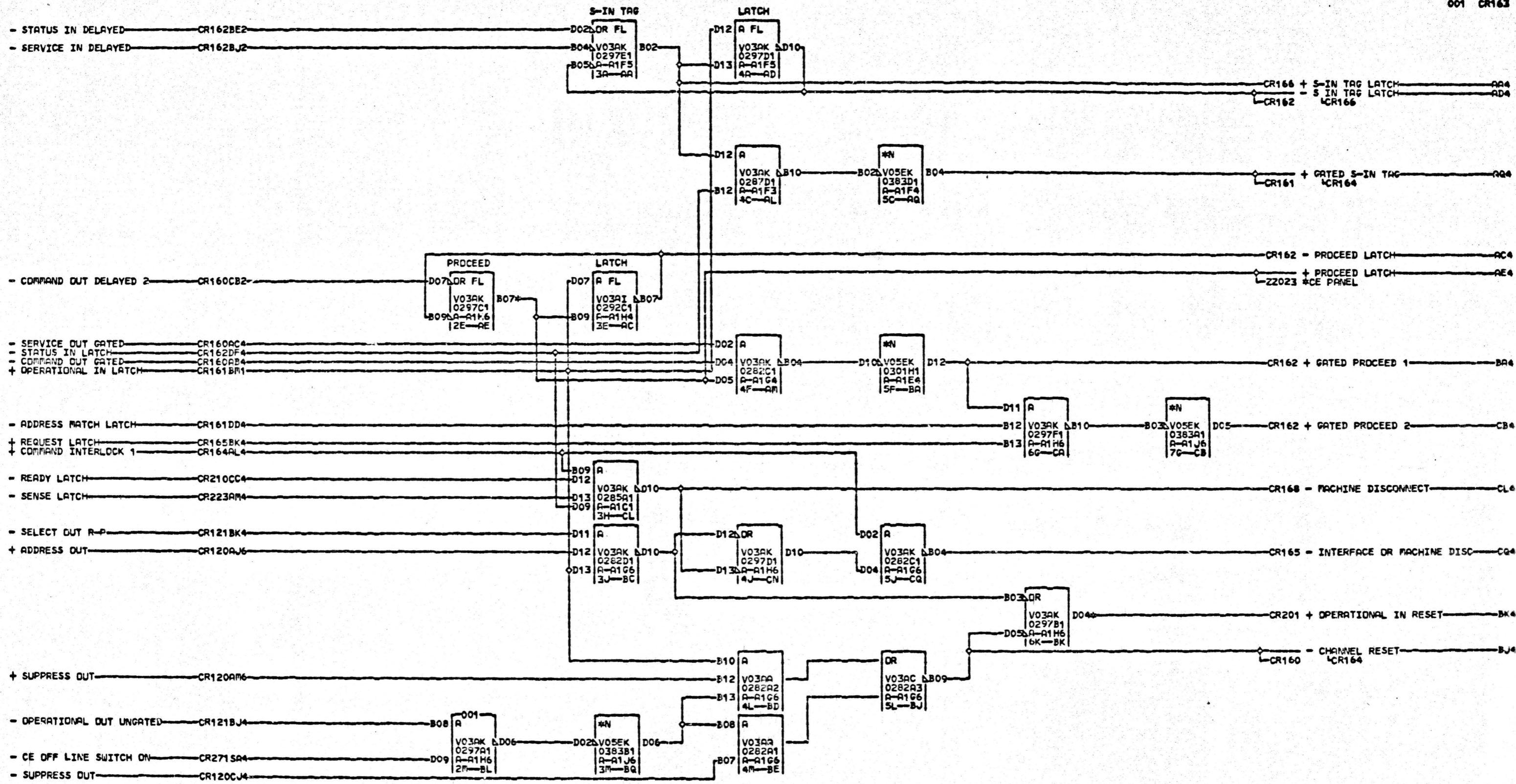
- BB4 A-A1N7B06 01A-B1A1D13
- 01A-A1N3B11 BF4 A-A1N5D06
- 01A-B1A3B11 01A-B1A5D06
- BC4 A-A1N3B07 DD4 A-A1N5D05
- 01A-B1A3B07 01A-B1A5D05
- 01A-A1A2E07 DF4 A-A1N3B06
- 01E-A1A3B07 01A-B1A3B06
- BL4 A-A1N7D06 01A-B1A1D13
- 01A-A1N1D13

07-01-67 814115

ADDRESS IN AND SERVICE IN LATCHES	STATUS IN AND SERVICE IN LATCHES
DATE 08-17-67	MACH. 2501-B
LOG	DC19 FRAME 01
	P.N. 670173
IBM CORP. SDD BLK.	SA

CR 162

CR 162



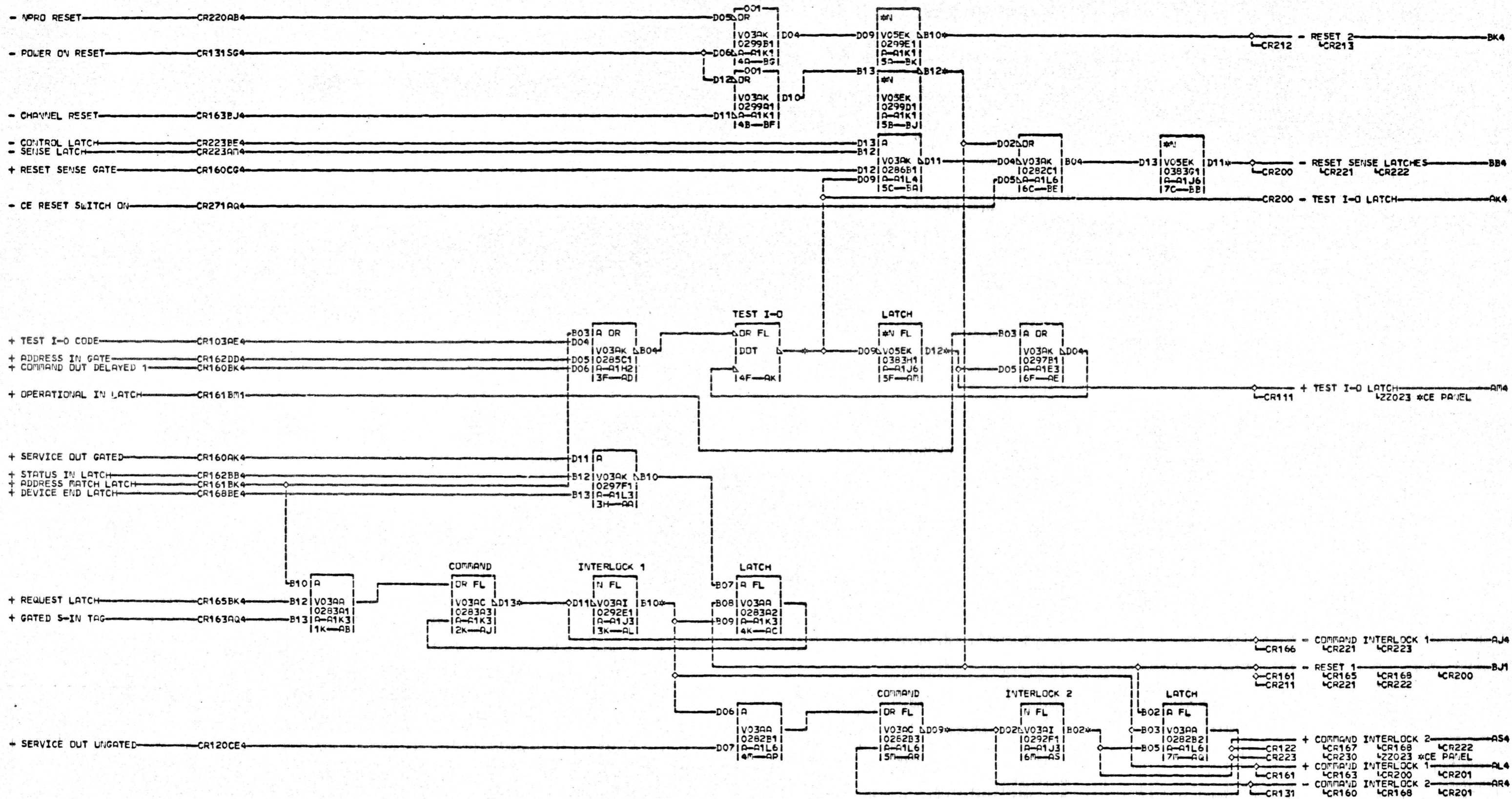
AE4 A-A1N7D07  
 BK4 A-A1N3B09  
 O1A-B1A3B09

07-01-67 814115

PROCEED AND S-IN TAG LATCHES			
CONTROL RESET			
DATE	07-18-67	MACH.	2501-B
LOG	DA01	FRAME	01
		P.No	670135
IBM CORP.	SDD BLK.	SA	

C R 1 6 3

001  
 SIR TO PN 670064 EC 812428



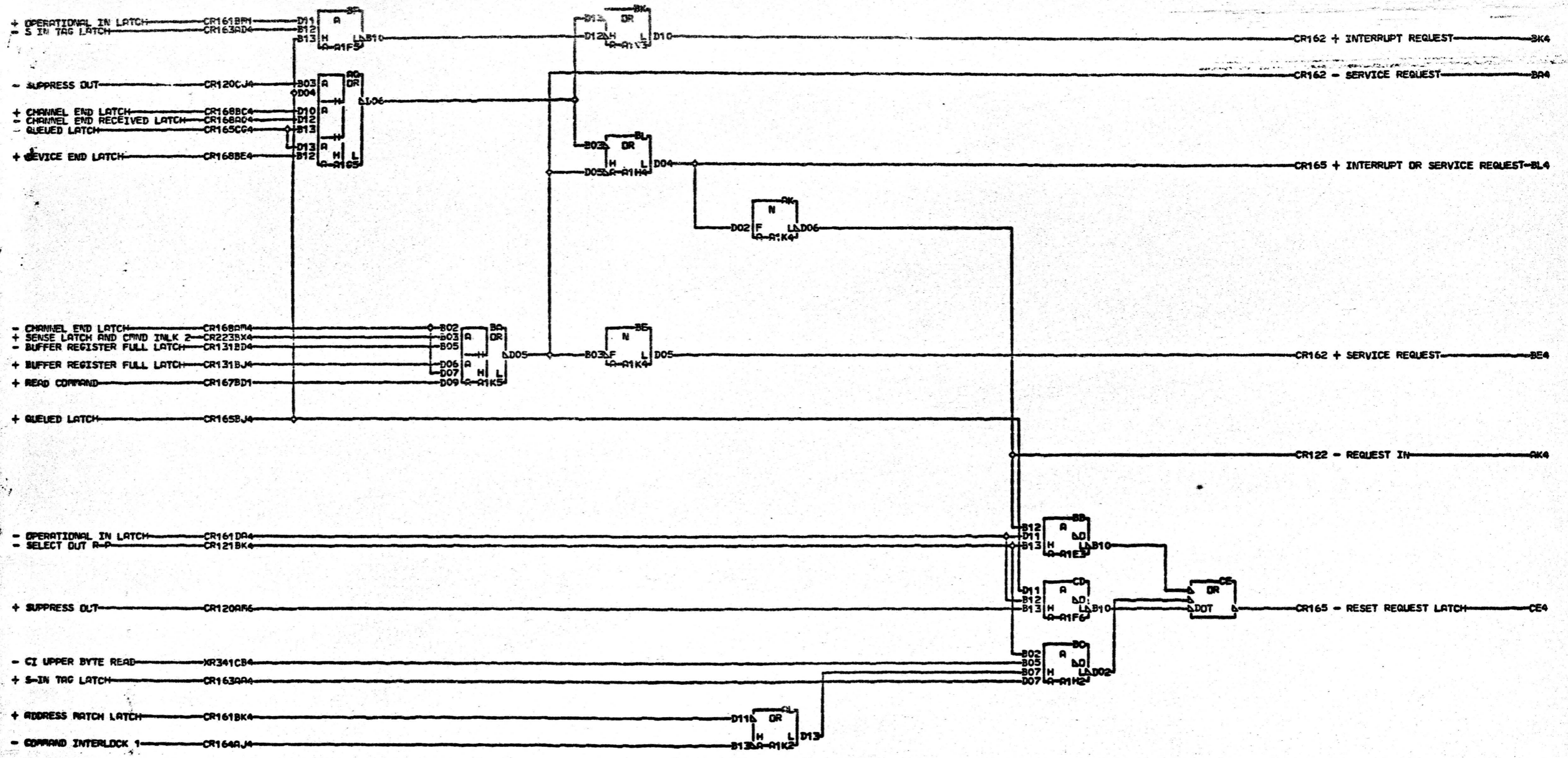
CR 164  
 001  
 SIM TO PN 670065 EC 811858K

AJ4	A-A1N6D11	AS4	A-A1N6D12
01A	B1A6D11	01A	B1A6D12
AK4	A-A1N1B13	01A	B1A6B13
01A	B1A1B12	BB4	B1A1D11
AL4	A-A1N6D10	01A	B1A1D11
01A	B1A6D10	BJ1	A-A1N1D07
AM4	A-A1N7D09	01A	B1A1D07
AR4	A-A1N3B08	EK4	A-A1N1D09
01A	B1A3B08	01A	B1A1D09

07-01-67 814115  
 12-12-67 814460

COMMAND INTERLOCK 1 AND 2			
TEST I-O LATCH AND RESET 1 2			
DATE	01-17-68	FRAM	2501-B
LOG	DI47 FRAME	01	164
		P.No	670136
IBM CORP.		SDD BLK	SAI

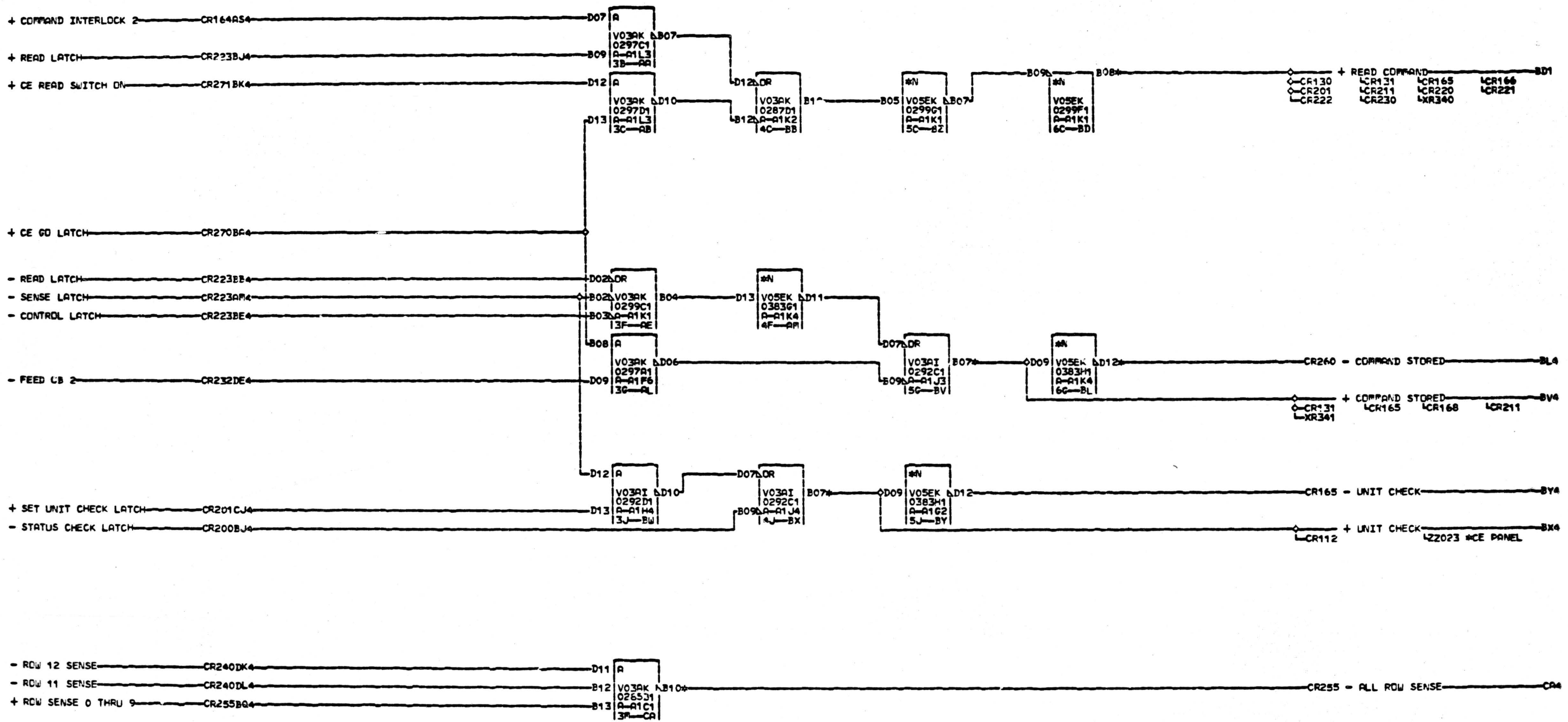




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LOC.	TYPE	LOC.	TYPE
Q-A1E3	0297	A-A1K5	0283
Q-A1F5	0297		
Q-A1F6	0297		
Q-A1G3	0297		
Q-A1G5	0295		
Q-A1H2	0285		
Q-A1H4	0292		
Q-A1K2	0287		
Q-A1K4	0383		

SERVICE REQUEST AND INTERRUPT REQUEST		ARCH#2501-8	C R 1 6 6 000
EoC-HISTORY	811858B		
DATE	LAST EC	IBM CORP. SDD	
08-10-66	811858K	PoNo 670067	



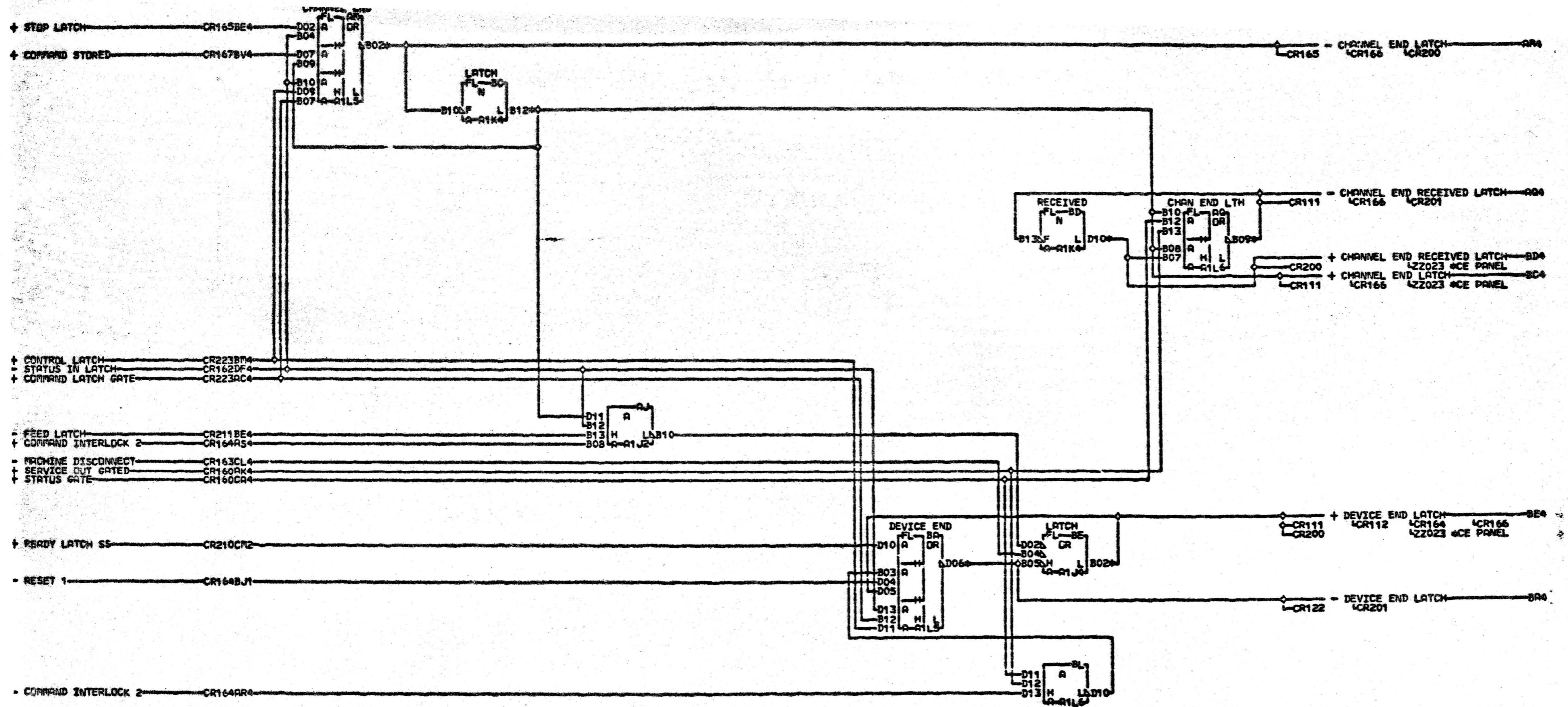
BD1 A-A1N2B03 01B-A1A3B10  
 01A-B1A2B03 BX4 A-A1N7D03  
 01A-A1A2B09 CA4 A-A1N3E13  
 01B-A1A3B09 01A-B1A3E13  
 BL4 A-A1N2B04  
 01A-B1A2B04  
 BV4 A-A1N2B13  
 01A-B1A2B13  
 01A-A1A2B10

001  
 SIM TO PN 670068 EC 812426

07-01-67 814115

READ COMMAND UNIT CHECK	COMMAND STORED
DATE 08-17-67	MACH# 2501-B
LOG DC19 FRAME 01	
P.No. 670174	
IBM CORP. SDD BLK.	SA

C R 1 6 7 001



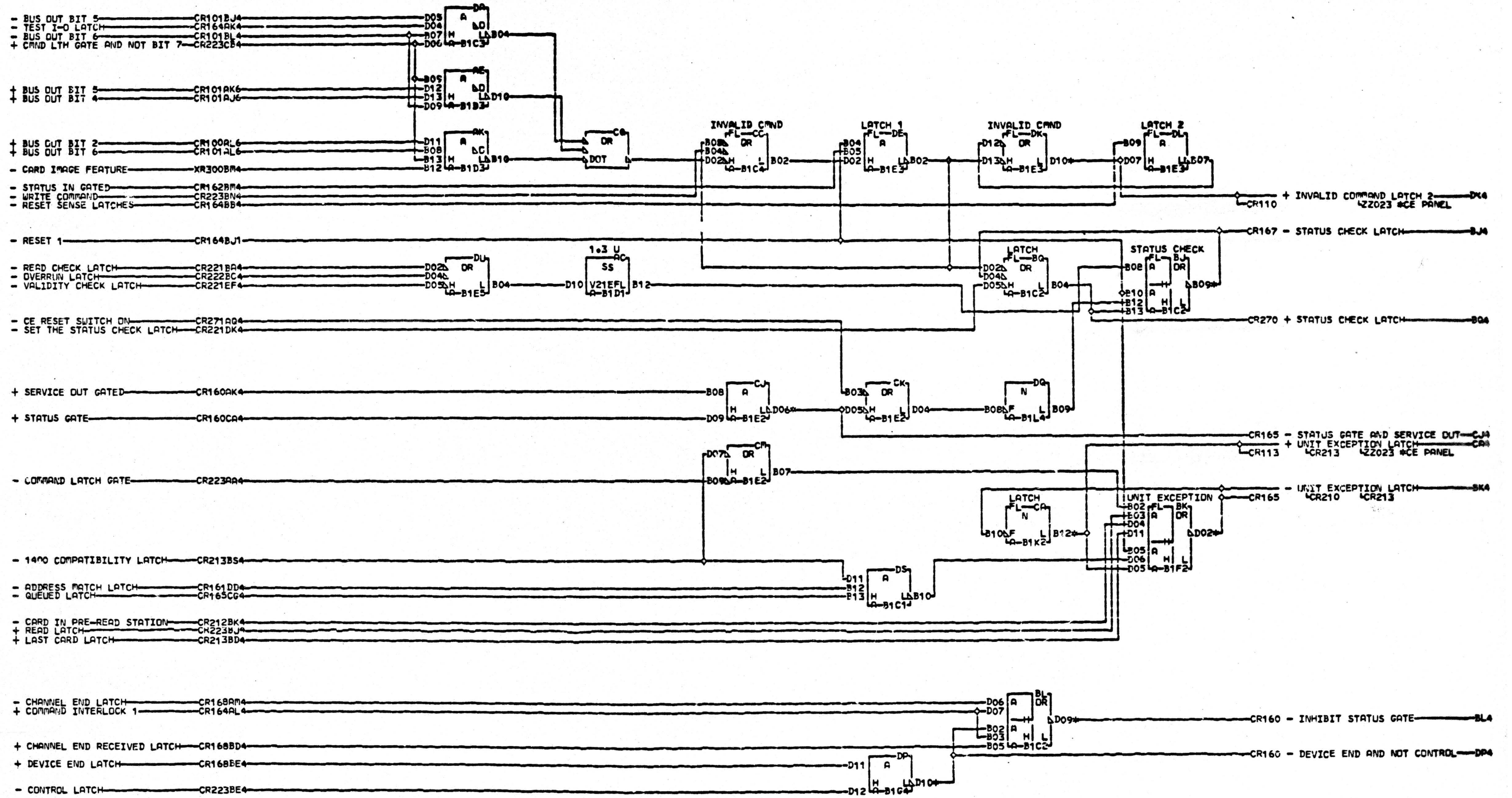
AM4	A1N2B08	01A-B1N6D03
01A	B1A2B08	BE4-A1N7D05
AG4	A1N5B10	01A-A1N2B03
01A	B1A5B10	01A-B1A2B03
BA4	A1N2B06	
01A	B1A2B06	
BC4	A1N7D13	
BD4	A1N2B09	
01A	B1A2B09	

LOC.	TYPE
A1J2	0295
B1J4	0292
B1K4	0383
B1L5	0295
B1L6	0282

CHANNEL END DEVICE END	
CHANNEL END RECEIVED LATCHES	
E.C.-HISTORY RACH.2501-B	
811858B	FRAME 01
811858D	IBN CORP. SDD
811858J	
DATE	LAST EC
08-10-66	811858K P.No. 670069

1200

COO



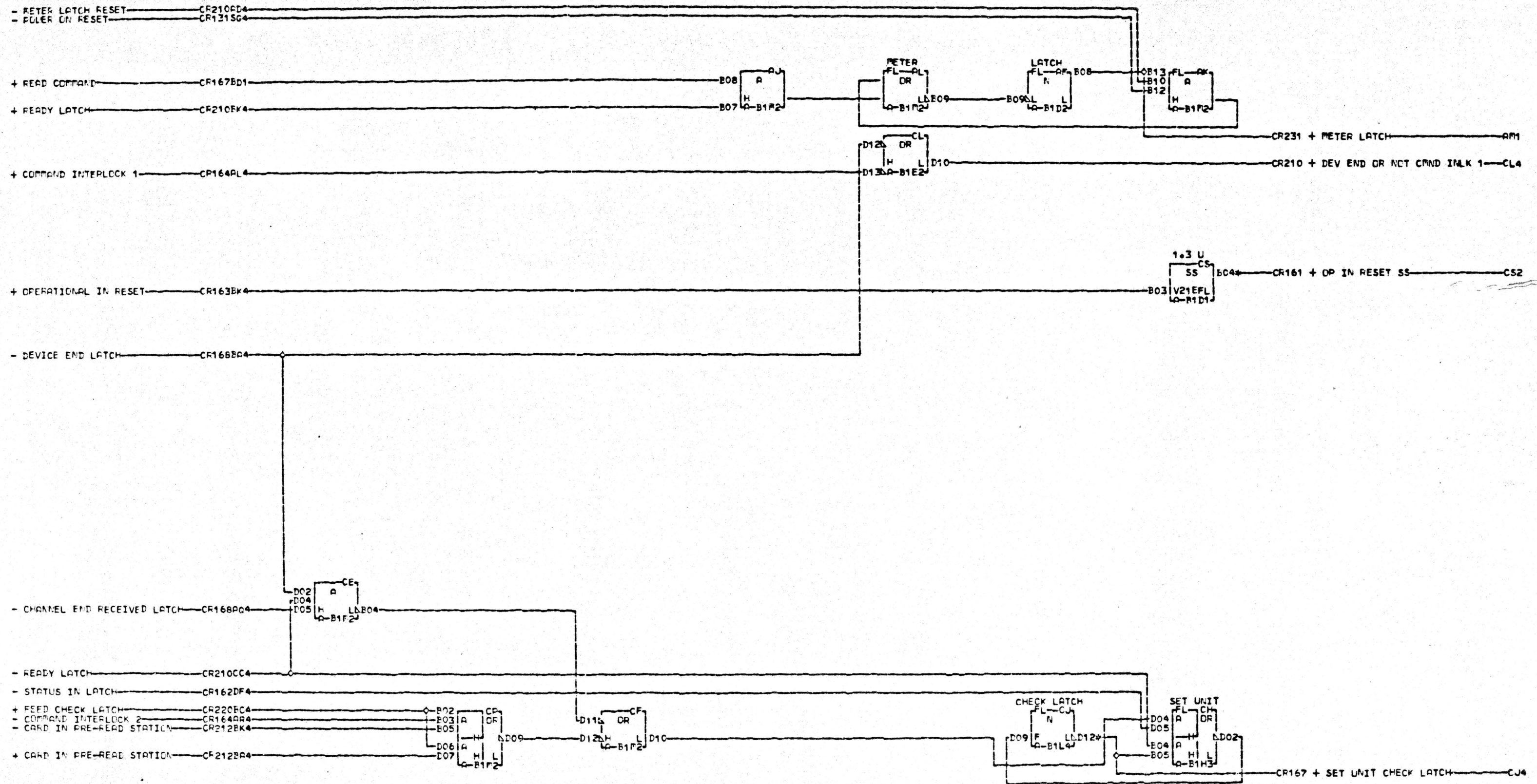
CR  
200  
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BJ4	A-B1A2D12	CJ4	A-B1A1B11
01A	A1N2D12	01A	A1N1B11
BK4	A-B1A1B09	DK4	A-B1N7B06
01A	A1N1B09	01A	A1A2D11
BL4	A-B1A1B10	01A	A1N2D11
01A	A1N1B10	DP4	A-B1A2B07
CA4	A-B1N7B11	01A	A1N2B07
01A	A1A1B08		
01A	A1N1B08		

LOC.	TYPE	LOC.	TYPE
A-B1C1	0292	A-B1F2	0300
A-B1C2	0282	A-B1G4	0283
A-B1C3	0286	A-B1K2	0383
A-B1C4	0297	A-B1L4	0383
A-B1D1	0393		
A-B1D3	0285		
A-B1E2	0297		
A-B1E3	0297		
A-B1E5	0282		

INVALID COMMAND STATUS CHECK		UNIT EXCEPTION LATCHES	
E.C. HISTORY MACH. 2501-B			
811858B	811858K	FRAME	01
811858D	812424		
811858G		IBM CORP. SDD	
811858J			
DATE	LAST EC	P.No.	670070
11-03-66	812426		

CR  
200  
000



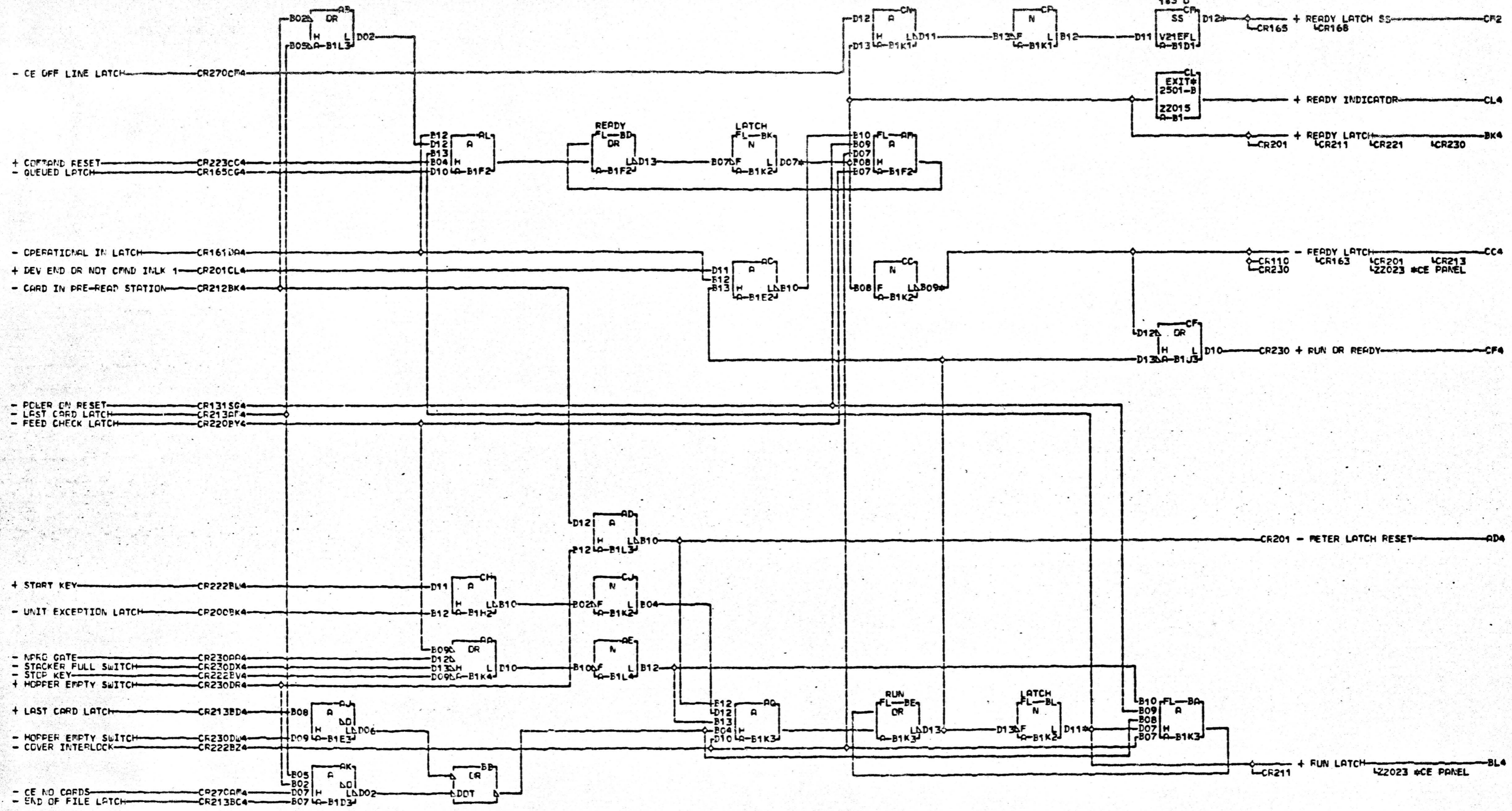
C  
2  
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CJ4 A-B1A2D13  
C1A-B1A2D13  
CS2 A-B1A3E10  
O1A-B1N3B10

001 SIM TO PM 670071 EC 616310

LCC. TYPE  
A-B1D1 0393  
A-B1D2 0299  
A-B1E2 0297  
A-B1H3 0280  
A-B1L4 0383  
A-B1F2 0282

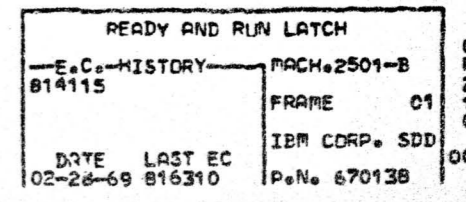
METER LATCH + SET UNIT CHECK LATCH		C R 2 0 1
E.C. HISTORY MACH. 2501-B		
8141.5	FRAME 01	001
DATE LAST EC	IBM CORP. SDD	
02-28-69 616310	P.N. 670137	



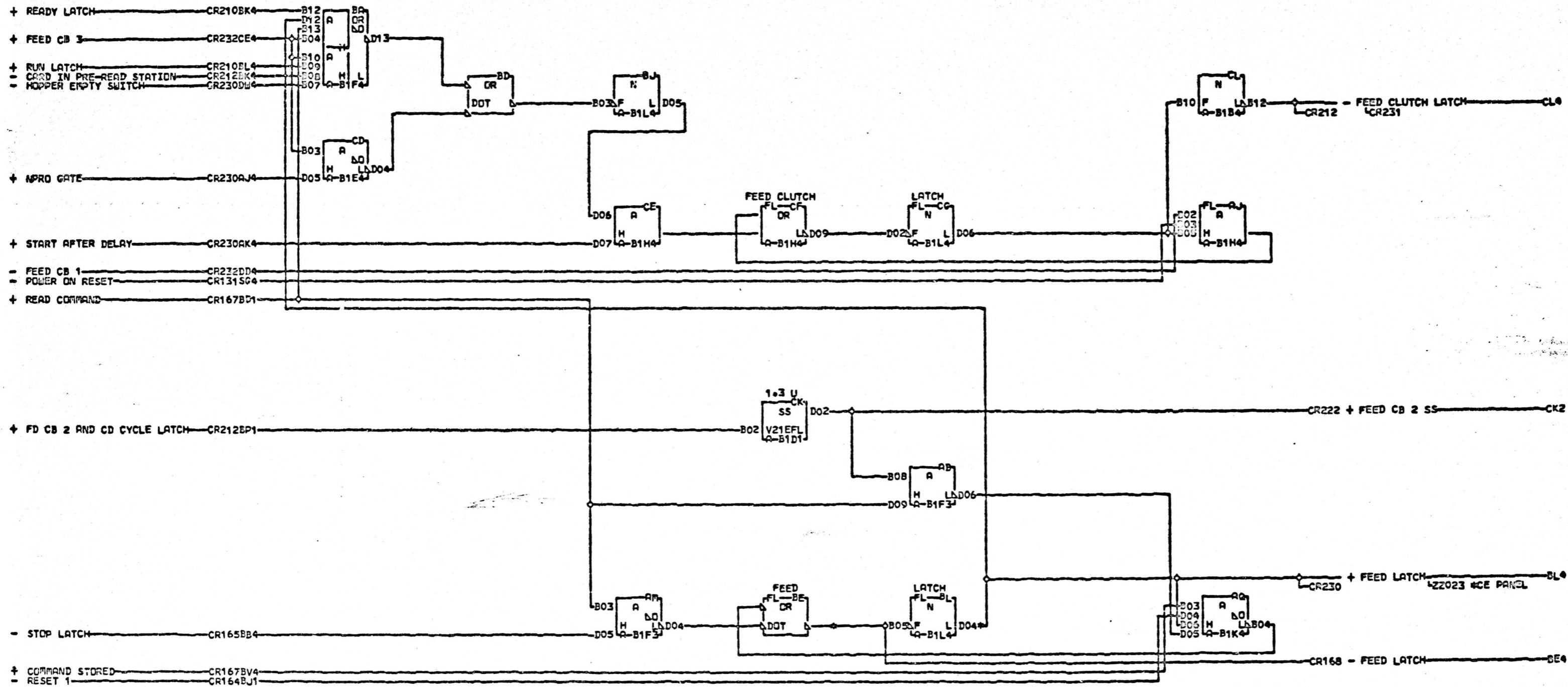
C  
R  
2  
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- BK4 A-B1N5B03
- BL4 A-B1N6D02
- CC4 A-B1N7D03
- 01A-B1A1D05
- 01A-B1M D05
- CF2 A-B1C1B13
- 01A-B1M B13

LOC.	TYPE	LOC.	TYPE
A-B1D1	0393	A-B1K3	0300
A-B1D3	0285	A-B1K4	0285
A-B1E2	0297	A-B1L3	0287
A-B1E3	0297	A-B1L4	0383
A-B1F2	0300		
A-B1H2	0292		
A-B1J3	0297		
A-B1K1	0296		
A-B1K2	0383		



C  
R  
2  
1  
0



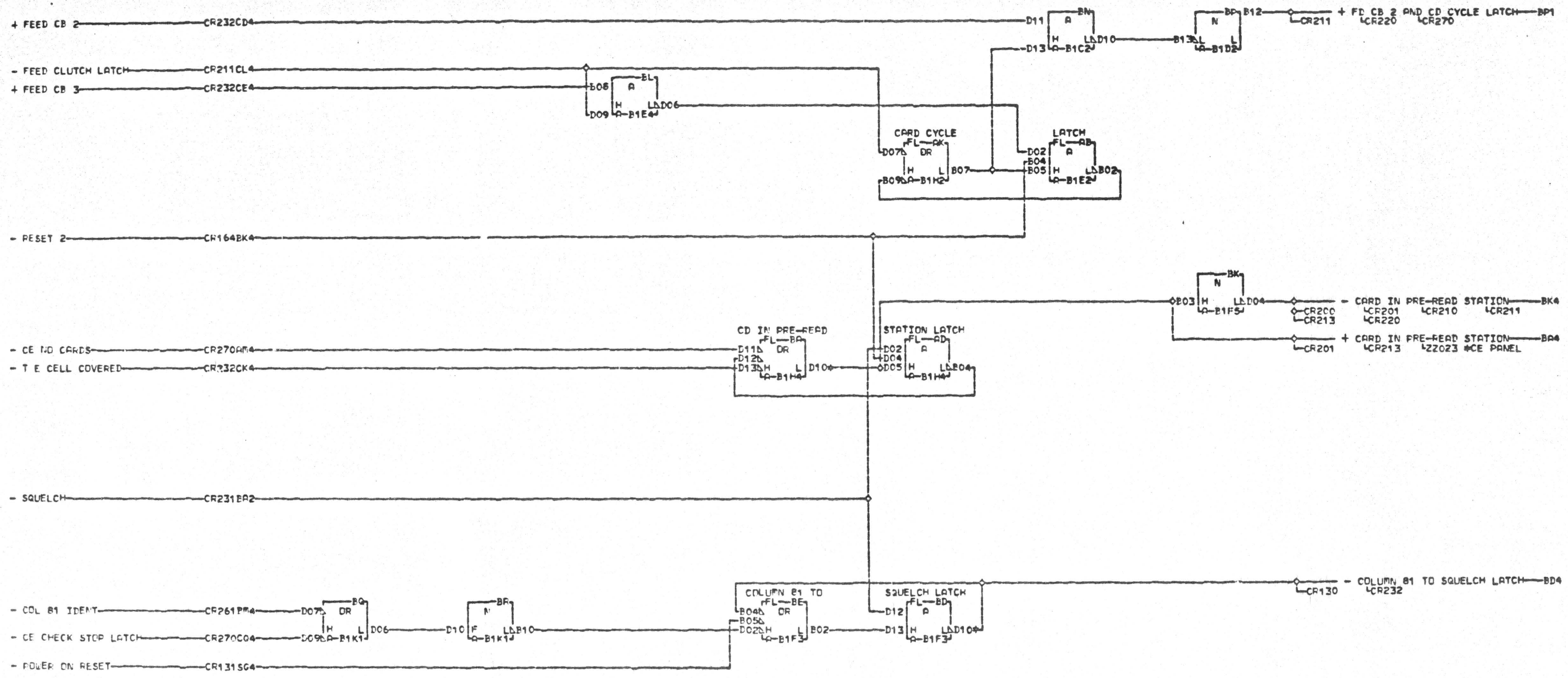
BE4 A-B1A1D03  
 O1A-A1N1D03  
 BL4 A-B1N6D04

LOC.	TYPE
B12	0783
B10	0783
B03	0297
B02	0297
B03	0297
B08	0297
B05	0297
B03	0297
B04	0297
B14	0297

FEED CLUTCH AND FEED LATCHES	
E.C. HISTORY	FRAM 2501-8
814115	FRAM 01
DATE	IBR CORP. SDD
02-10-68 814466	PeNo 670139

C  
2  
1  
1

C  
2  
1  
1



BA4 A-B1N6D05  
 BD4 A-B1A1D04  
 C1A-A1N1D04

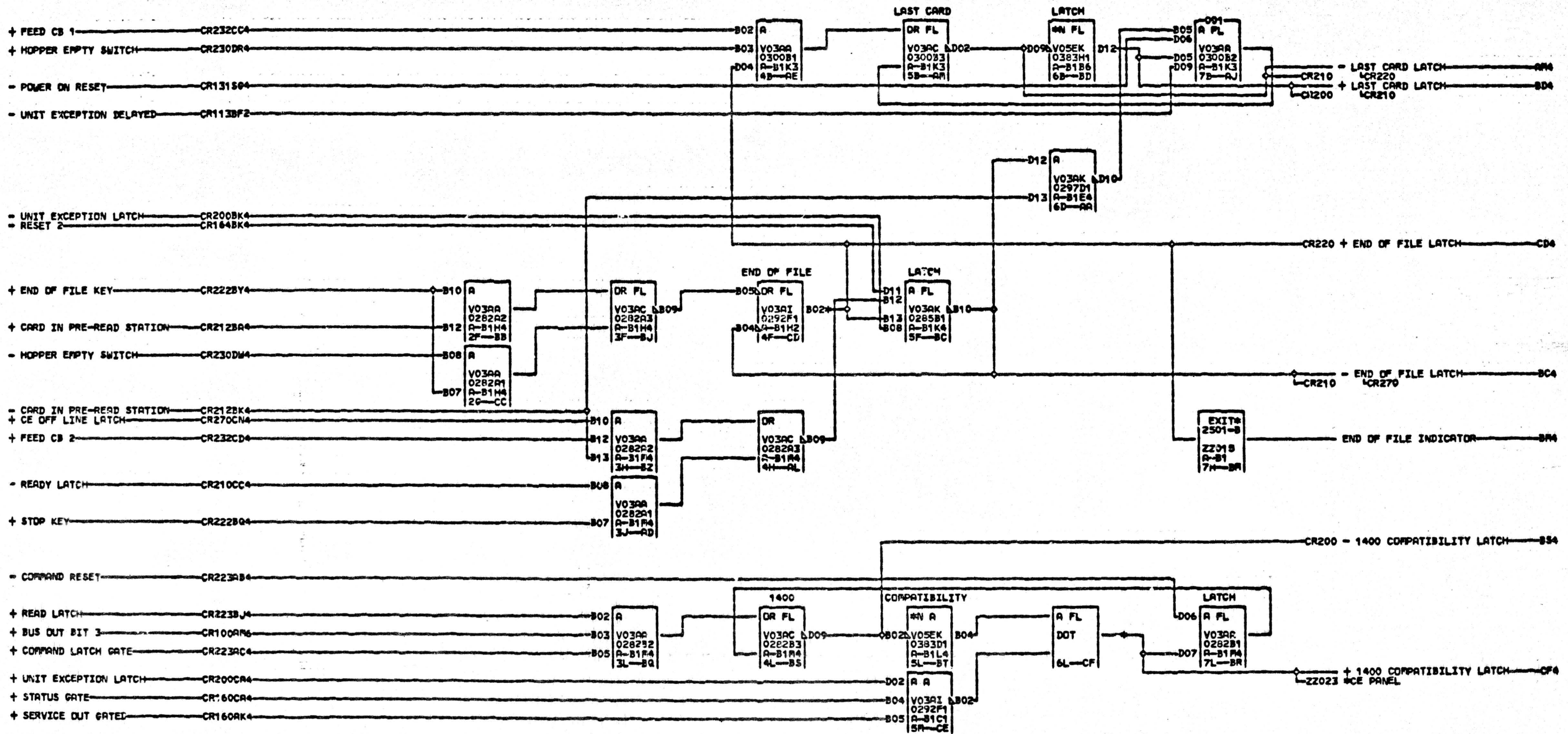
LOC.	TYPE
A-B1C2	0282
A-B1D2	0290
A-B1E2	0297
A-B1E4	0297
A-B1F3	0297
A-B1F5	0292
A-B1H2	0292
A-B1H4	0282
A-B1K1	0296

CARD CYCLE CARD IN PRE-READ  
 AND COL B1 TO SQUELCH LATCHES  
 E.C.-HISTORY MACH.2501-B  
 B14115  
 B14466

FRAME 01  
 IBM CORP. SDD  
 DATE LAST EC  
 02-28-69 816310 P.No. 670140

C  
R  
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2

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CD4 A-B1N5B04  
CF4 A-B1N6D03

07-01-67 814115

LAST CARD AND END OF FILE		
AND 1400 COMPATIBILITY LATCHES		
DATE 07-18-67 FRAC. 2501-B		
LOG	DA01 FRAME	01
P.No. 670141		
ISA CORP.	SDD BLK.	SA

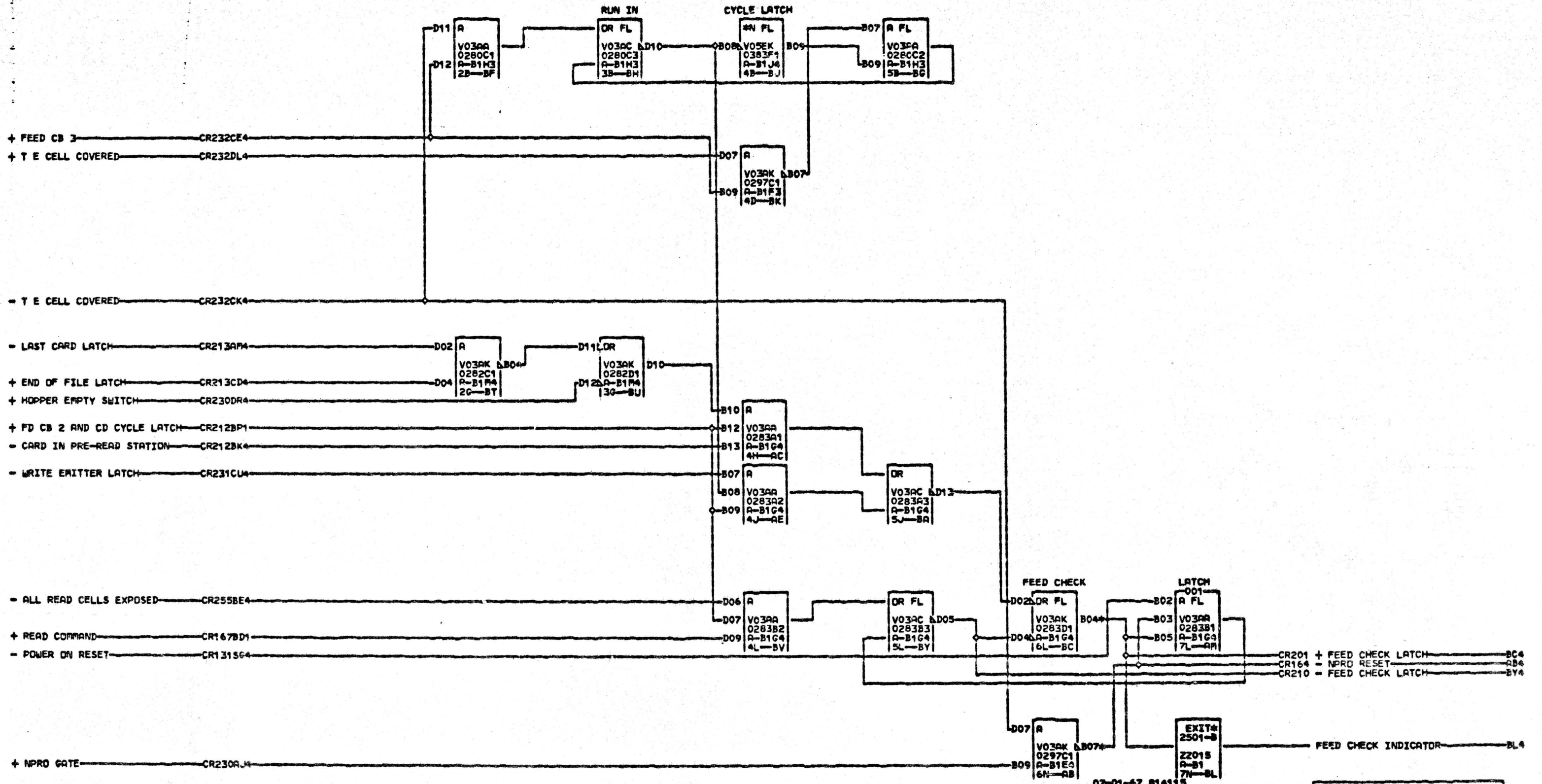
CR213

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SIA TO PN 670075 EC 812426

CR213

001



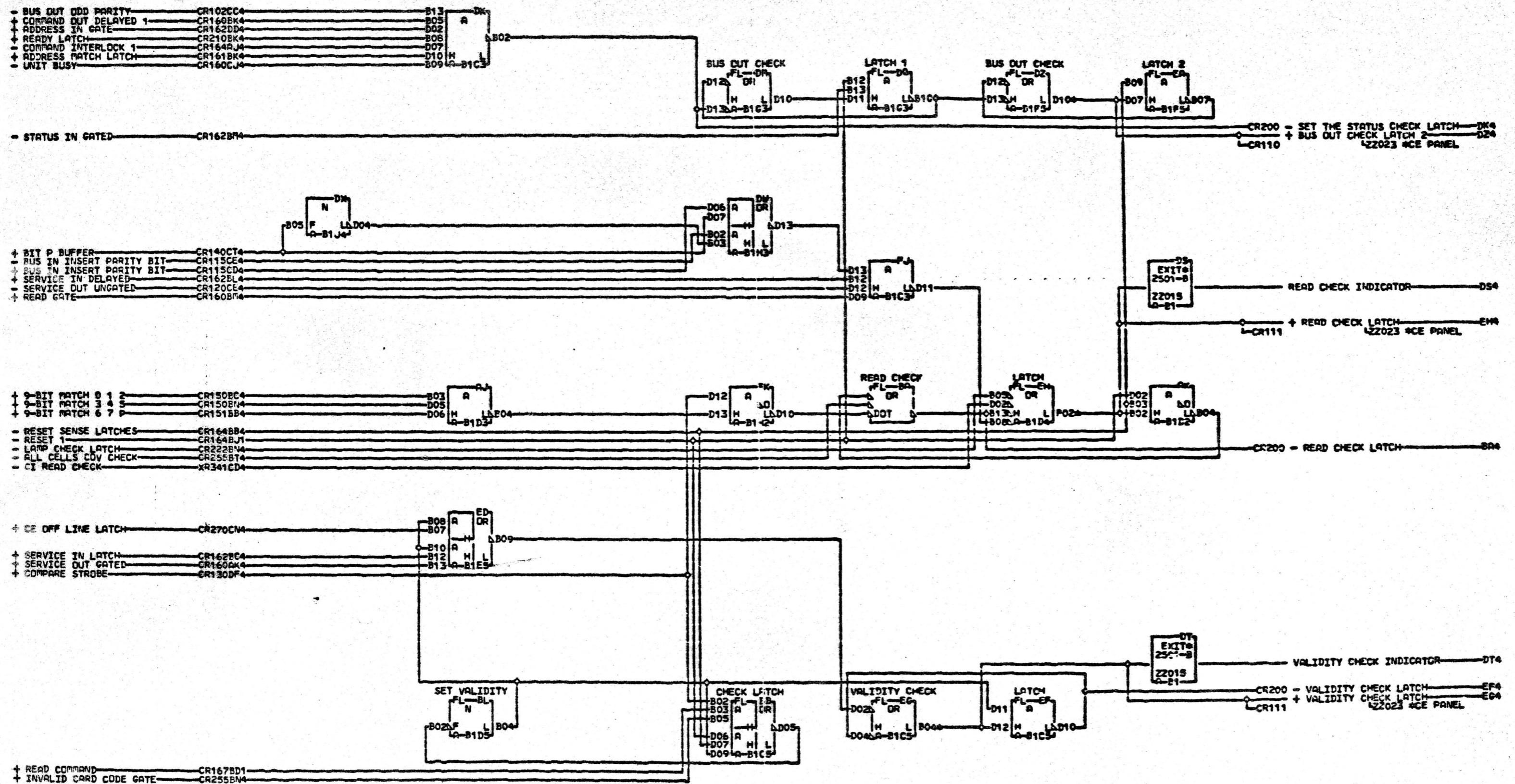
AB4 A-B1A1D06  
 01A-A1N1D06  
 BC4 A-B1N5B05

07-01-67 814115

FEED CHECK LATCH  
 AND RUN IN CYC LATCH  
 DATE 07-18-67 MACH. 2501-B  
 LOG DA01 FRAME 01  
 P.No. 670142  
 IBM CORP. SDD BLK. SA

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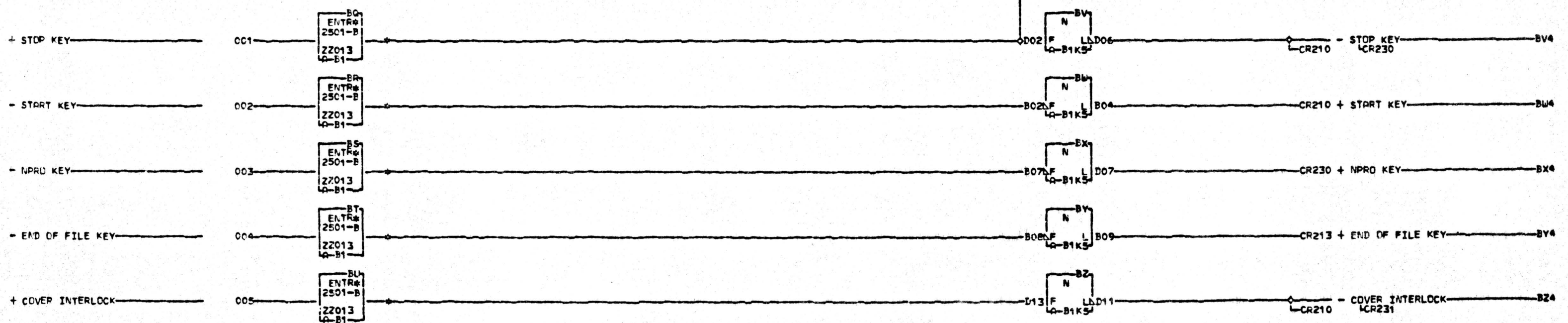
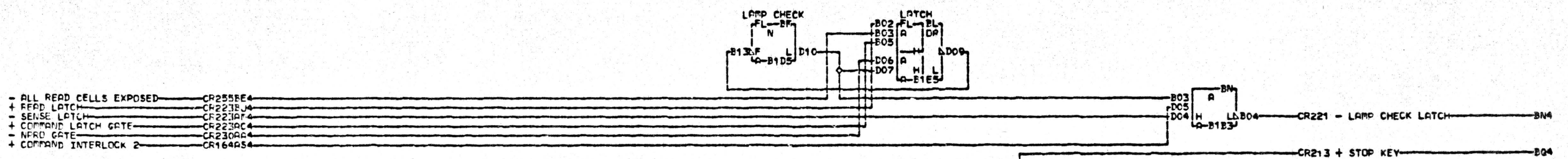
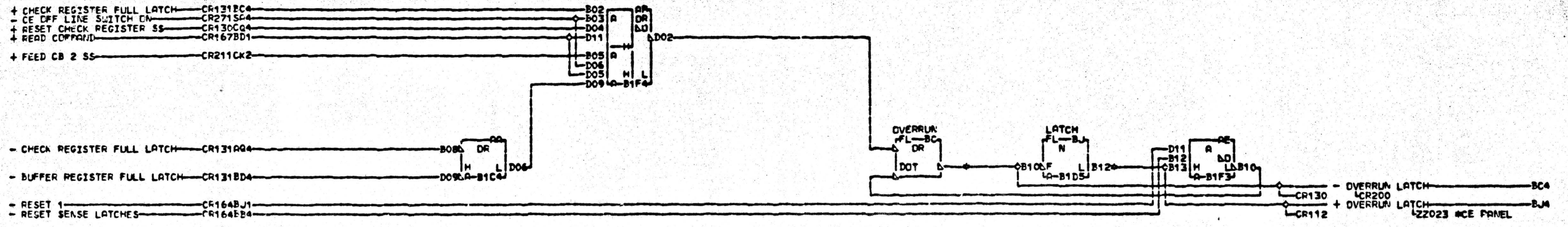
CR 221

- D24 A-B1N6D07
- O1A-B1A2D02
- O1A-B1A2D10
- O1A-B1N2D10
- EG4 A-B1N6D10
- O1A-B1N5B08
- O1A-B1A2D03
- O1A-B1N2D03
- EH4 A-B1N6D09
- O1A-B1N5B07

LOC.	TYPE	LOC.	TYPE
P-81C3	0286	P-81H2	0292
P-81C5	0283	P-81H3	0280
P-81D2	0299	P-81J4	0383
P-81D3	0285		
P-81D4	0286		
P-81D5	0383		
P-81E5	0282		
P-81F3	0292		
P-81G3	0297		

BUS OUT CHECK READ CHECK AND VALIDITY CHECK LATCHES	
E.C. HISTORY	MACH-2501-B
811858B 812424	FRAME 01
811858D	IBM CORP. SDD
811858J	
811858K	
DATE	LAST EC
11-03-66 812426	P.No. 670077

CR 221



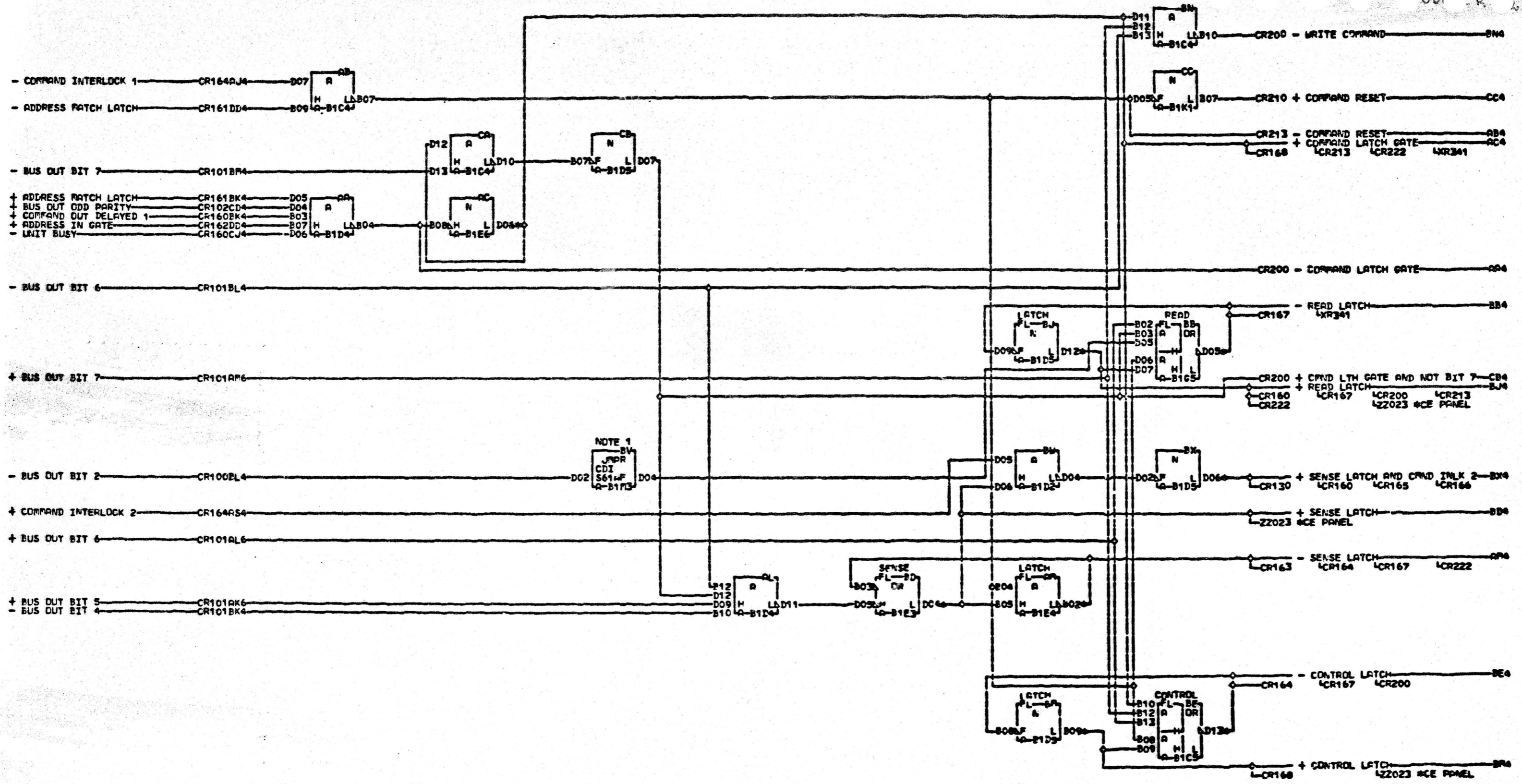
BC4 A-B1A4D07 BU4 A-B1N5D07  
 O1A A-B1N4D07  
 BJ4 A-B1N6D11  
 O1A A-B1A4D06  
 O1A A-B1N4D06  
 BQ4 A-B1N5D02  
 BR4 A-B1N5D04  
 BS4 A-B1N5D05  
 BT4 A-B1N5D06

LOC. TYPE  
 P-B1E3 0285  
 P-B1C4 0297  
 P-B1D5 0383  
 P-B1E5 0282  
 P-B1F3 0297  
 P-B1F4 0300  
 P-B1K5 0383

OVERRUN AND LAMP CHECK LATCHES  
 CONTROL PANEL KEYS  
 -E.C.-HISTORY MACH#2501-B  
 814115  
 FRAME 01  
 IBF CORP. SDD  
 P.No. 670143

C  
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 001  
 SIM TO PN 670076 EC 816310

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 N  
 N  
 N  
 001



NOTE 1  
 SV  
 JPR  
 CDI  
 S61LF  
 A-B17E3

NOTE 1-REMOVE JP CARD  
 WITH CARD IMAGE INSTALLED

AC4 A-B1A5B08	01B-D1A2D11	01D-A1N4D11
01A-A1N5B08	BD4 A-B1N6D13	BX4 A-B1A4D13
01A-A1A1D12	BE4 A-B1A4D12	01A-A1N4D13
01B-A1A2D12	01A-A1N4D12	
AM4 A-B1A5B11	BJ4 A-B1N6D12	
01A-A1N5B11	01A-B1A4D09	
BE4 A-B1A4D10	01A-A1N4D09	
01A-A1N4D10	BM4 A-B1N7B03	
01A-A1A1D11	01A-B1A4D11	

LOC.	TYPE	LOC.	TYPE
A-11C4	C297	A-21K1	C296
B-11C5	C293	A-21F3	0036
B-11C2	C299		
B-11C6	C286		
B-11C3	C183		
B-11E3	C297		
B-11E4	C297		
B-11E6	C292		
B-11E8	C283		

READ CONTROL SENSE LATCHES

E.C. HISTORY PACH. 2301-B

811E5B FRAPPE 01

811E5D

811E5K

DATE LAST EC IMA CORR. SEC

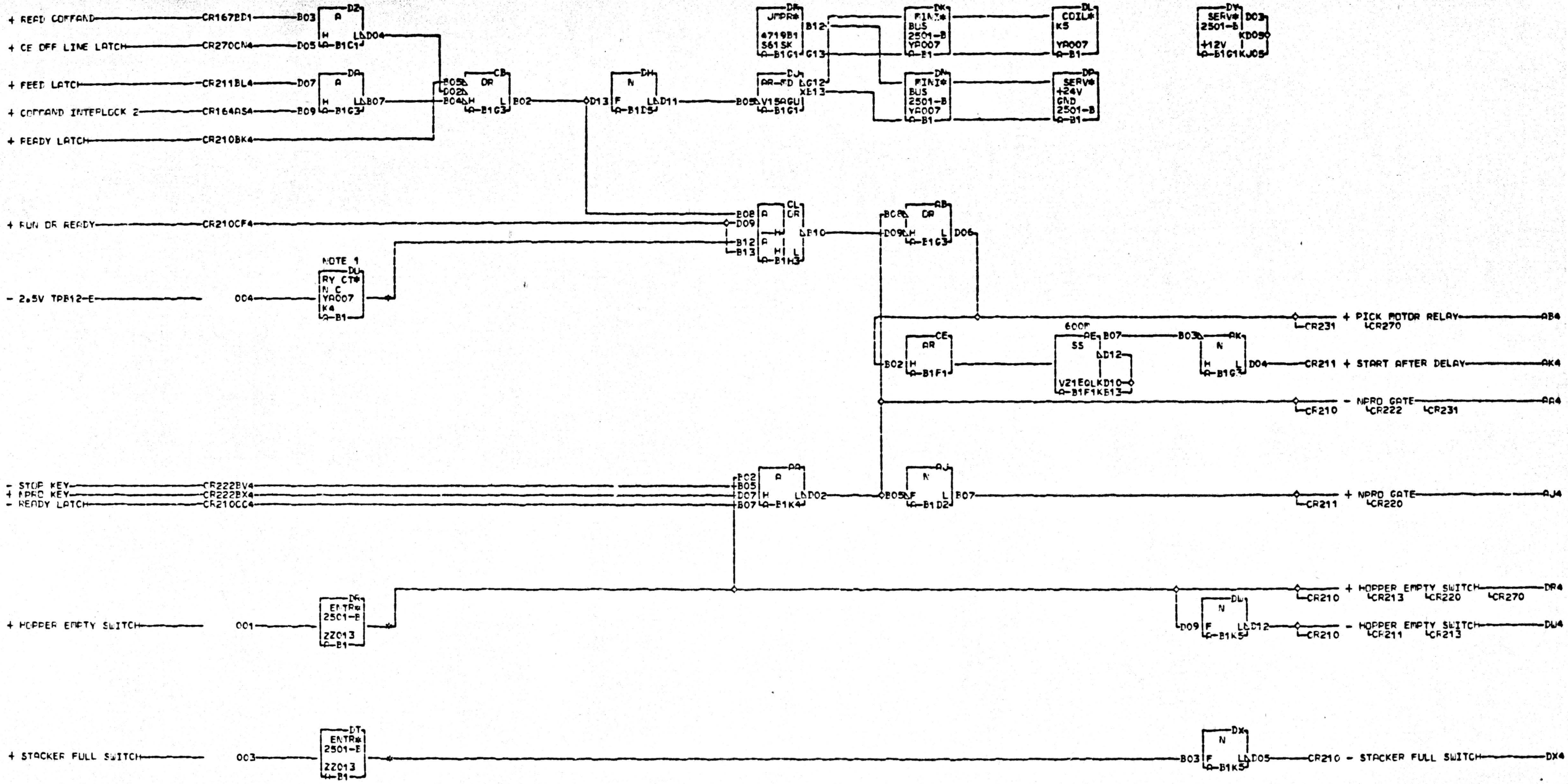
02-28-69 016310 P.No. 670070

UNNRC

UNNRC

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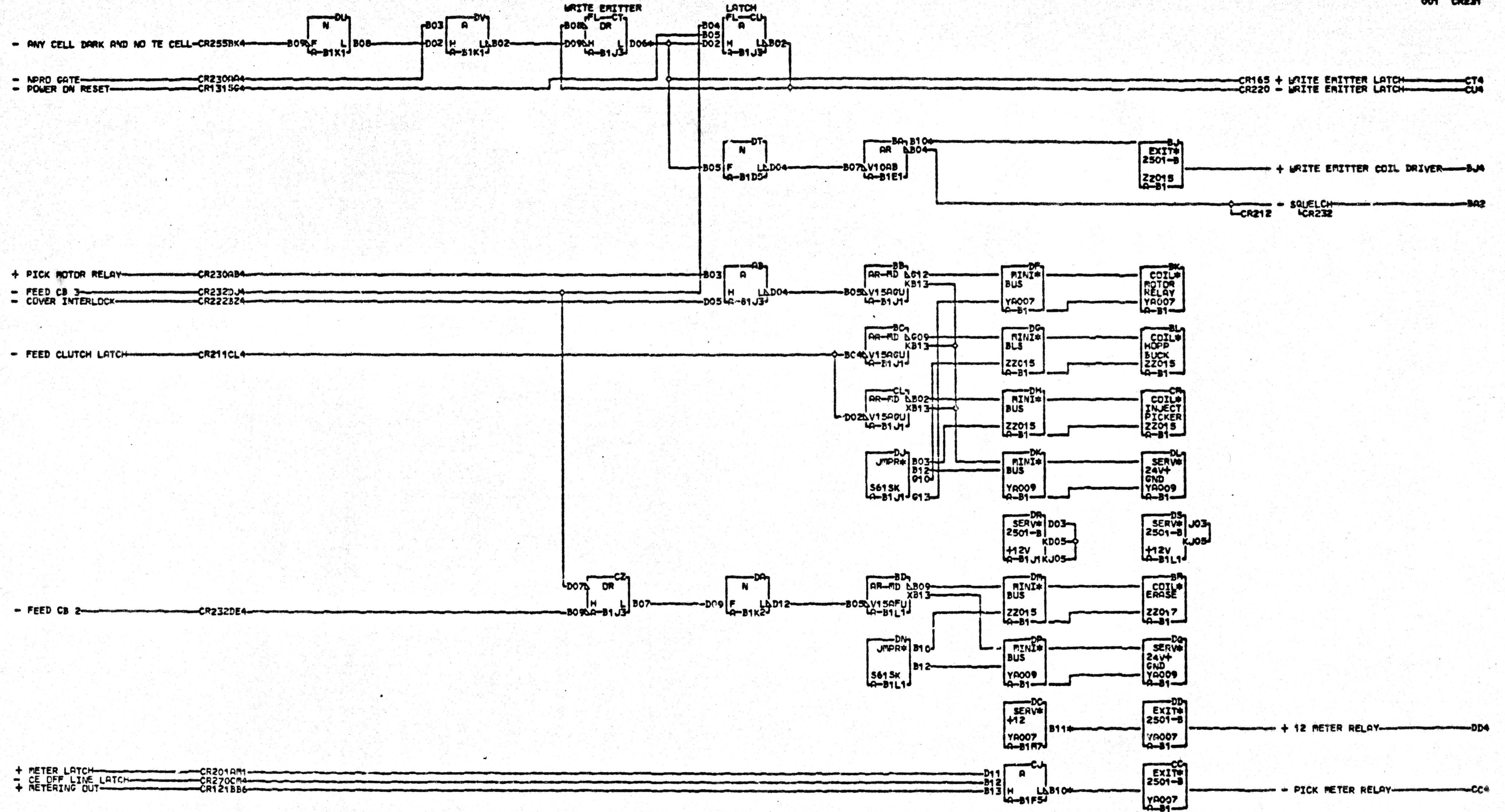


NOTE 1 + WHEN MOTOR DELAY RELAY K4 IS PICKED

DR4 A-B1N5R09  
DT4 A-B1N5B10  
DU4 A-B1N7D13

LCC.	TYPE	LCC.	TYPE
A-B1C1	0292	A-B1	YA00
A-B1D2	0299		
A-B1D5	0383		
A-B1F1	0381		
A-B1G1	4719		
A-B1G3	0297		
A-B1H3	0280		
A-B1K4	0285		
A-B1K5	0383		

MOTOR CONTROL AND RESETS	
E.C. HISTORY	MACH. 2501-B
814115	FRAME 01
814466	IEM CORP. SDD
DATE	LAST EC
02-28-69	816310
	P.No. 670144



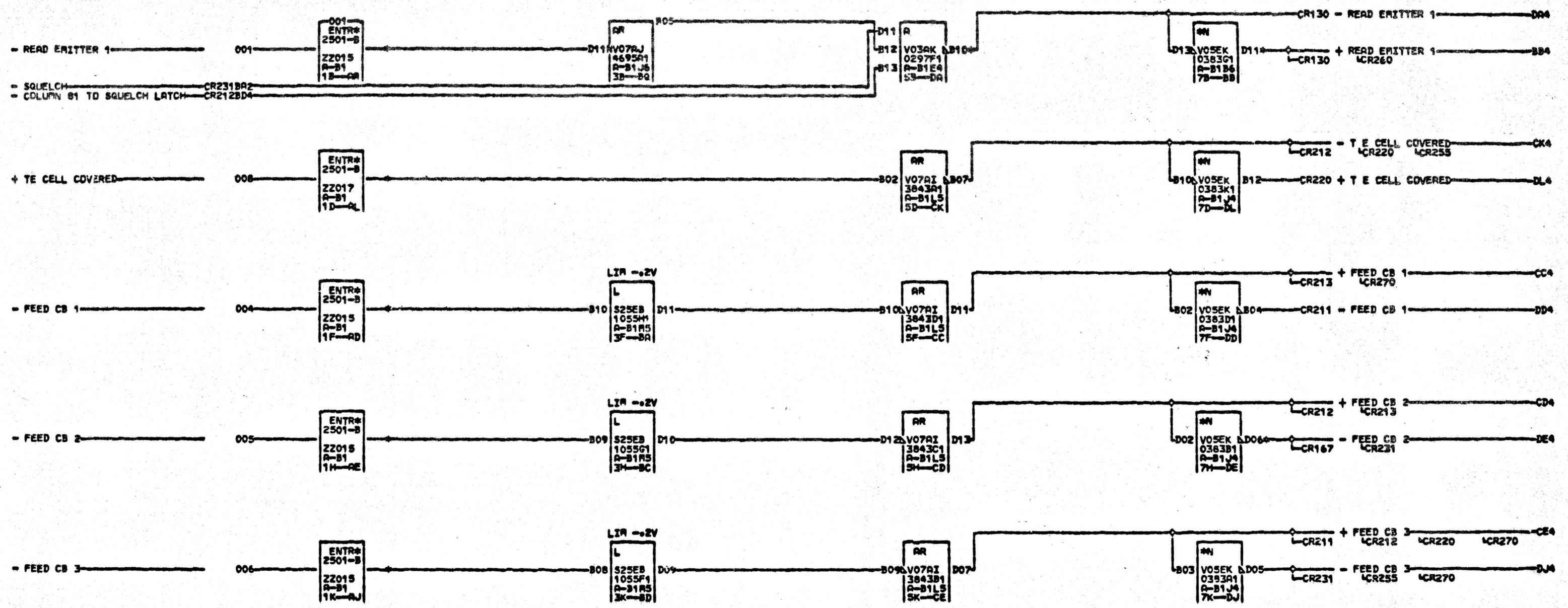
BA1 A-B1A7D10  
 CJ4 A-B1N7D10  
 CT4 A-B1A5B07  
 O1A A-B1N5B07  
 DC4 A-B1N7D09

LOC. TYPE  
 A-B1D5 0383  
 A-B1E1 3840  
 A-B1F5 0292  
 A-B1J1 4719  
 A-B1J3 0297  
 A-B1K1 0296  
 A-B1K2 0383  
 A-B1L1 4723

MAGNET DRIVERS AND METER RELAY	
E-C-HISTORY	RACH#2501-B
814115	FRAME 01
DATE LAST EC	IBR CORP. SDD
02-10-68 814466	P.No. 670145

001  
 SIR TO PN 670081 EC 814466

CR 231  
 001



NUMBER

001 SIR TO PN 670082 EC 012426

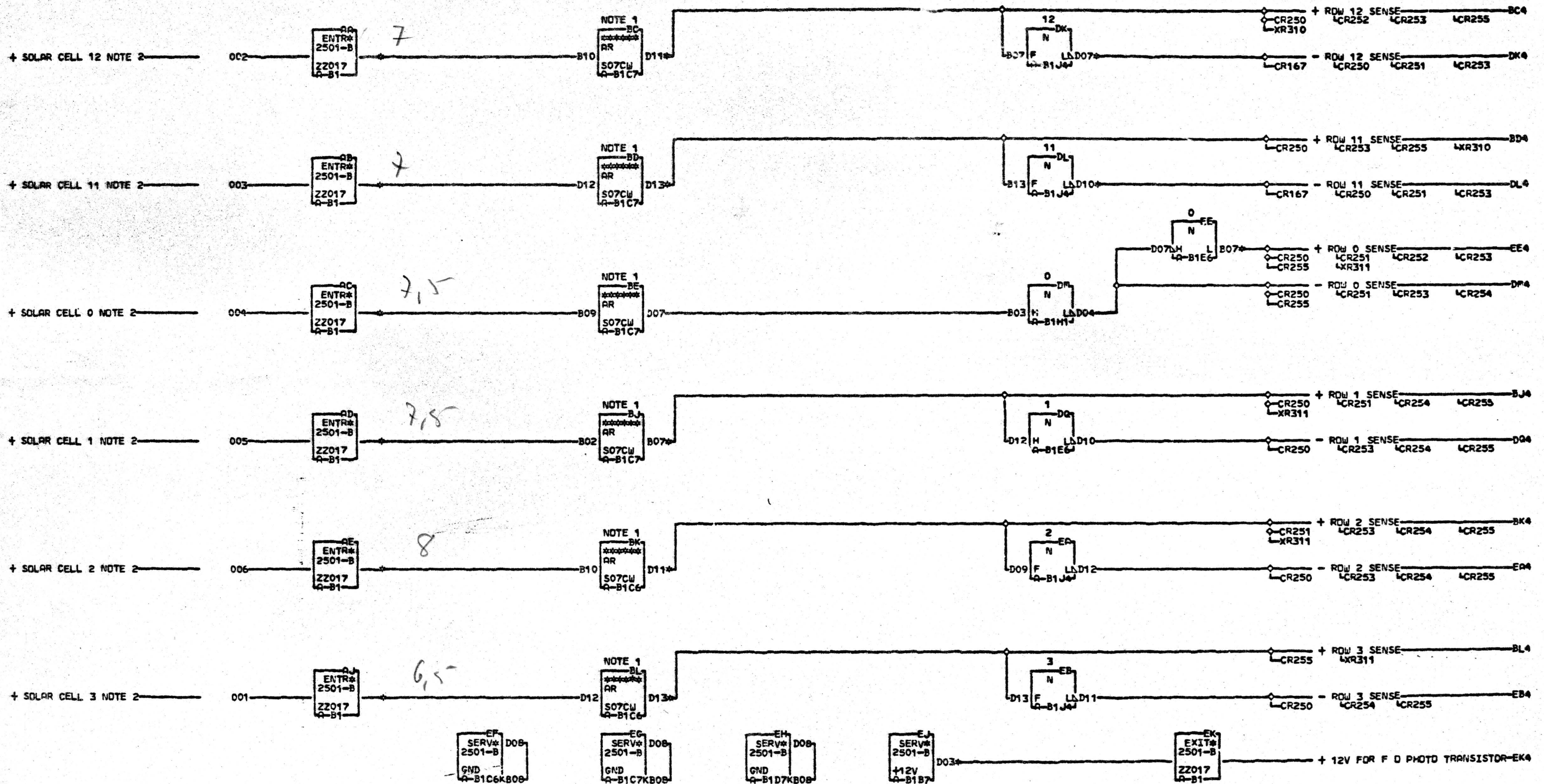
AA4 A-B1A7D07 DE4 A-B1A5B06  
 AD4 A-B1N5D11 01A-A1N5B06  
 AE4 A-B1N5D12  
 AJ4 A-B1N5D13  
 AL4 A-B1N7D12  
 BB4 A-B1A5B04  
 01A-A1N5B04  
 DA4 A-B1A5B05  
 01A-A1N5B05

07-01-67 014115

READ EMIT AND CB PULSES		
DATE	07-10-67	RACH# 2501-B
LOG	DA01	FRAME 01
	P.No	670146
IBA CORP.	SDD BLK.	SA

NUMBER

001

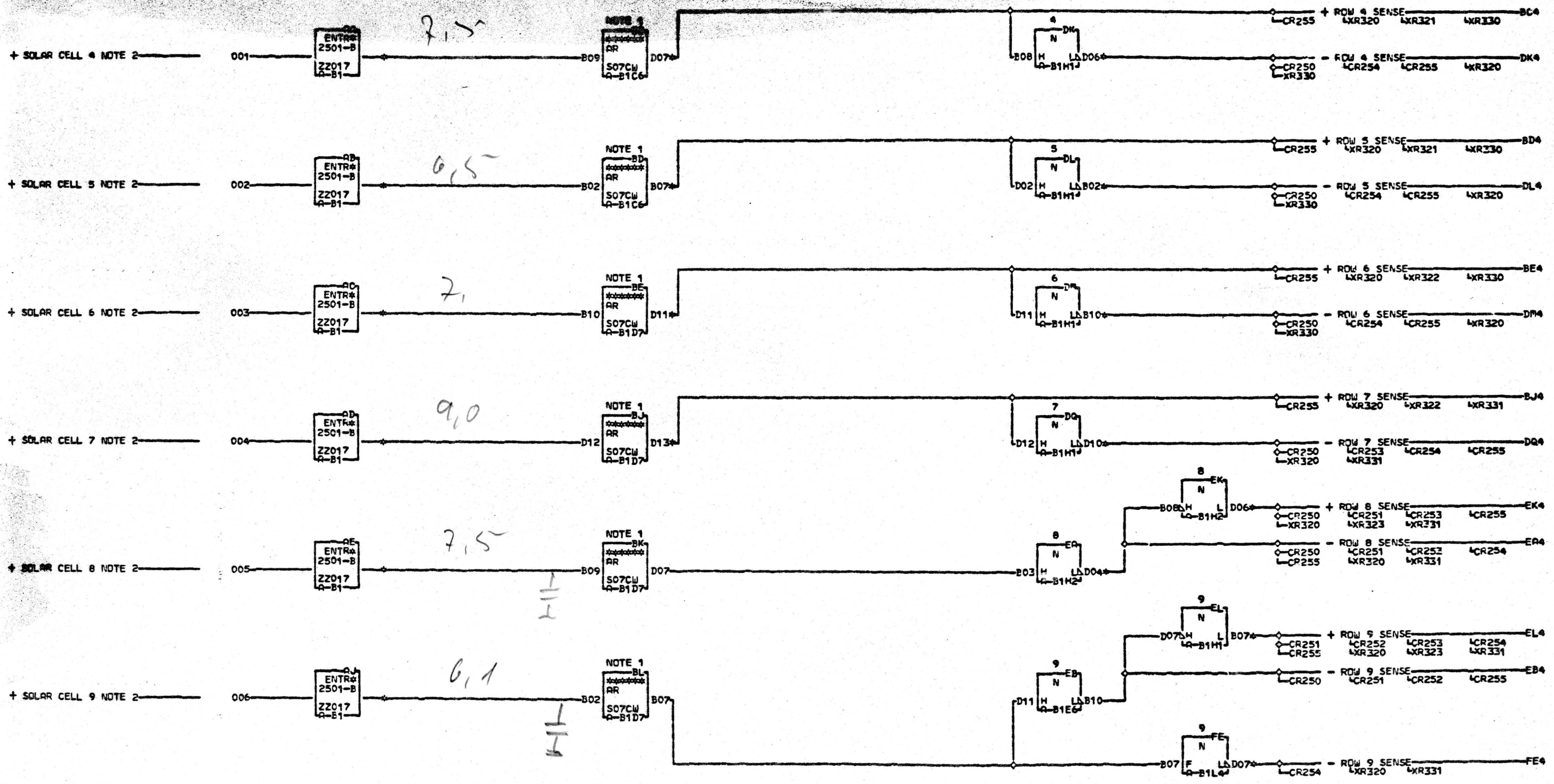


NOTE 1 FOR MACHINES WITHOUT FIBER OPTICS THE 6313 C AMPLIFIER CARD WILL BE A 3843 R CARD  
 2 NOTE 2 WHEN SOLAR CELL IS EXPOSED OUTPUT WILL BE 0 - WITHOUT FIBER OPTICS OR + WITH FIBER OPTICS

AA4 A-B1A7B02	01B-A1A4B04	DL4 A-B1A3D04
AB4 A-B1A7B05	BJ4 A-B1M1B07	01P-A1N3D04
AC4 A-B1A7B07	01B-A1A4B07	EE4 A-B1M1B05
AD4 A-B1A7B09	BK4 A-B1M1B08	01B-A1A4B05
AE4 A-B1A7B10	01B-A1A4B08	EJ4 A-B1A7B03
AJ4 A-B1A7B13	BL4 A-B1M1B02	
BC4 A-B1N1B03	01B-A1A4B02	
01B-A1A4B03	DK4 A-B1A3D03	
BD4 A-B1N1B04	01A-A1N3D03	

LOC.	TYPE
A-B1C6	6313
A-B1C7	6313
A-B1E6	0292
A-B1H1	0292
A-B1J4	0363

READ STATION 1		FRAME 01	IBM CORP. SDD	P.O. No. 670083	
12	11				0
-E.C.-HISTORY		MACH. 2501-B		CR 240	
811858B	812424				
811858D					
811858G					
811858K					
DATE	LAST EC				
11-03-66	812426				

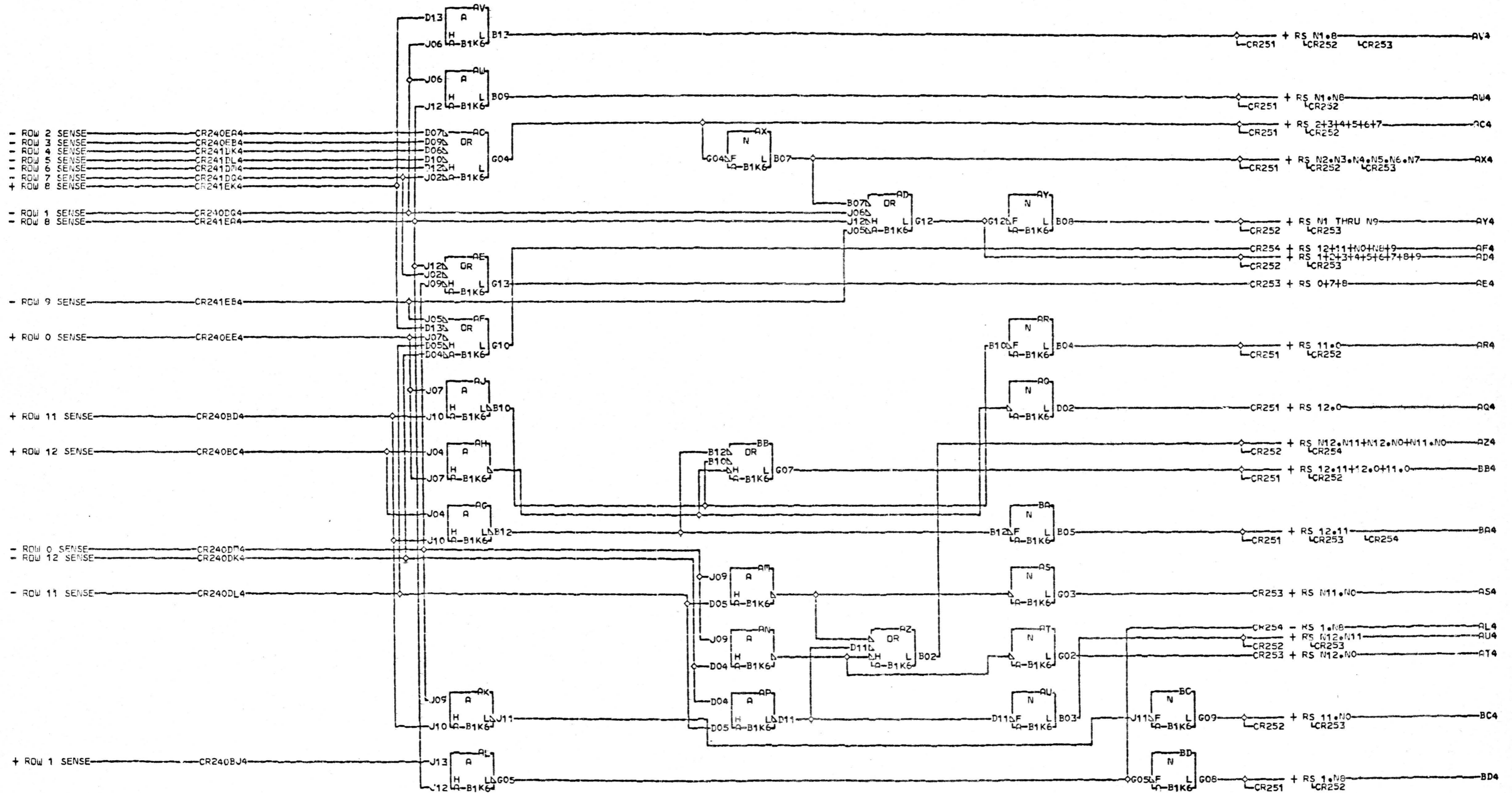


NOTE 1. FOR MACHINES WITHOUT FIBER OPTICS THE 6313 CARD WILL BE A 3843 CARD  
 2 NOTE 2 WHEN SOLAR CELL IS EXPOSED OUTPUT WILL BE 4 - WITHOUT FIBER OPTICS  
 1 + WITH FIBER OPTICS

RA4 A-B1A7D02	01B-A1A5B10	DM4 A-B1N1D09	01B-A1A4D05
RB4 A-B1A7D04	BE4 A-B1N1B13	01B-A1A4D09	FE4 A-B1N1D12
RC4 A-B1A7D06	01B-A1A4B13	DQ4 A-B1N1D10	01B-A1A4D12
RD4 A-B1A7D09	BJ4 A-B1N1D02	01B-A1A4D10	
RE4 A-B1A7D11	01B-A1A4D02	EA4 A-B1N1D11	
RJ4 A-B1A7D13	DK4 A-B1N1D06	01B-A1A4D11	
BC4 A-B1N2B09	01B-A1A4D06	EK4 A-B1N1D04	
01B-A1A5B09	DL4 A-B1N1D07	01B-A1A4D04	
BD4 A-B1N2B10	01B-A1A4D07	EL4 A-B1N1D05	

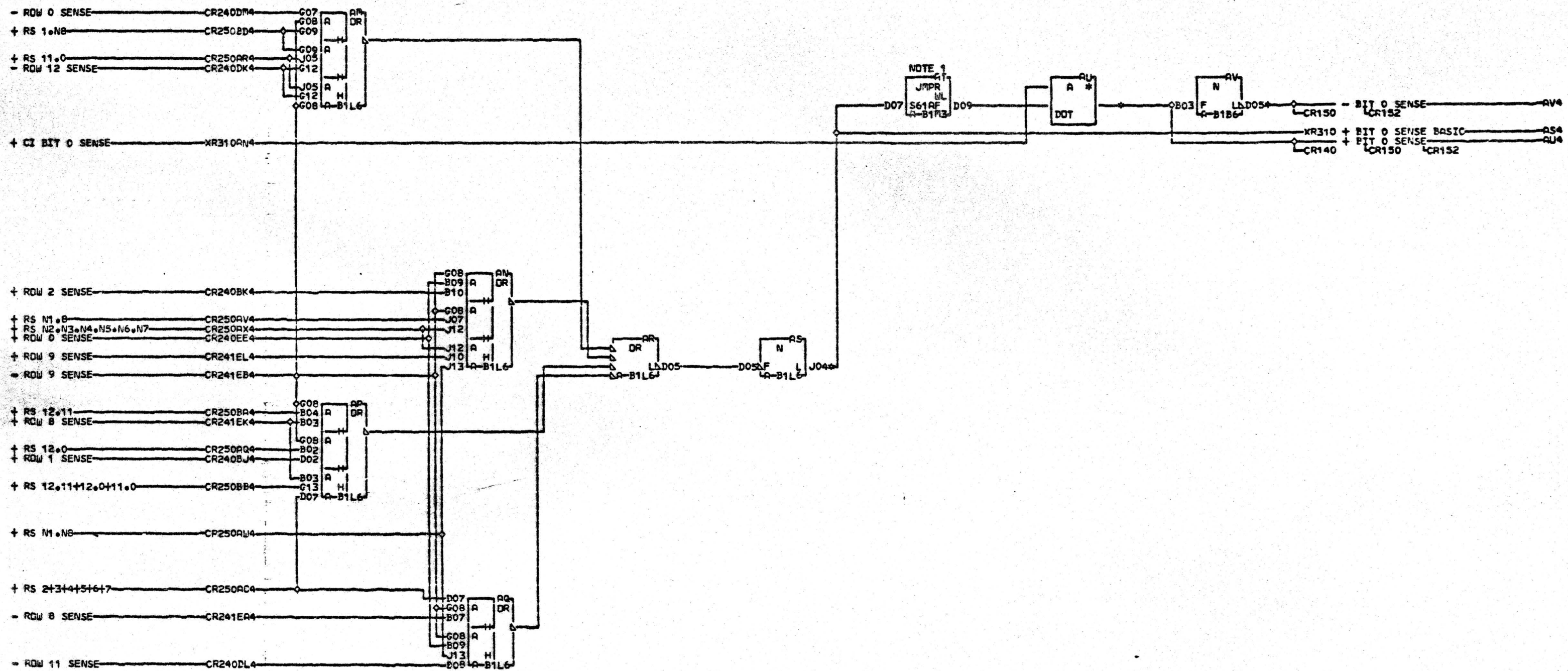
LOC.	TYPE
A-B1C6	6313
A-B1D7	6313
A-B1E6	0292
A-B1H1	0292
A-B1H2	0292
A-B1L4	0383

READ STATION 2			
4	5	6	7
E.C. HISTORY	812424	MACH. 2501-B	
811858B		FRAME	01
811858D			
811858G		IBM CORP. SDD	
811858K			
DATE	LAST EC		
11-03-66	812426	P.No. 670084	



LOC. TYPE  
A-B1K6 4697

12-BIT TRANSLATOR GATING CIRCUITS	
E.C. HISTORY MACH. 2501-B	
811858B	FRAME 01
811858D	IBM CORP. SDD
DATE LAST EC	P. No. 670085
08-10-66	B11858K



NOTE 1 REMOVE JP CARD WITH CARD IMAGE INSTALLED

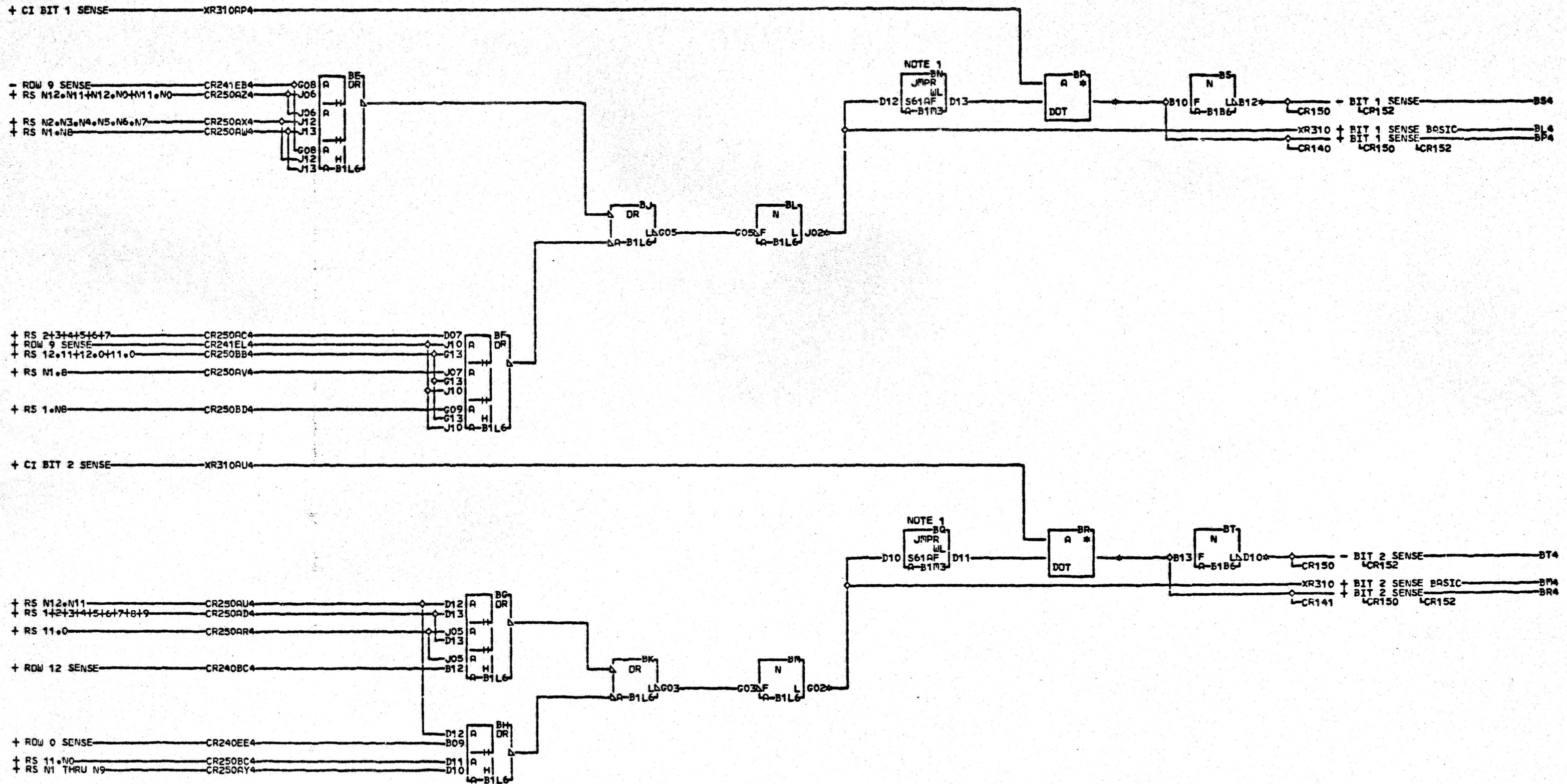
- AS4 A-B1N2B03
- O1B-A1A5B03
- AU4 A-B1A6B03
- O1A-A1N6B03
- O1A-B1N2D04
- O1B-A1A5D04
- AV4 A-B1A6B04
- O1A-A1N6B04

LOC. TYPE  
 A-B1B6 0383  
 P-B1L6 4698  
 A-B1M3 0036

12-BIT TRANSLATOR	
BIT 0	
E.C. HISTORY	PACH-2501-B
811858B	FRAME 01
811858D	IBM CORP. SDO
DATE LAST EC	P.No. 670086
08-10-66 811858K	

UNR 1 000

UNR 1 000



NOTE 1 REMOVE JP CARD WITH CARD IMAGE INSTALLED

BL4 A-B1N2B04	01A-D1N6B07
01B-A1A5B04	01A-B1N2D06
BM4 A-B1N2B05	01B-D1A5D06
01B-A1A5B05	BS4 A-B1A6B06
BP4 A-B1A6B05	01A-D1N6B06
01A-A1N6B05	BT4 A-B1A6B08
01A-B1N2D05	01A-A1N6B08
01B-A1A5D05	01A-A1N6B08
BR4 A-B1A6307	

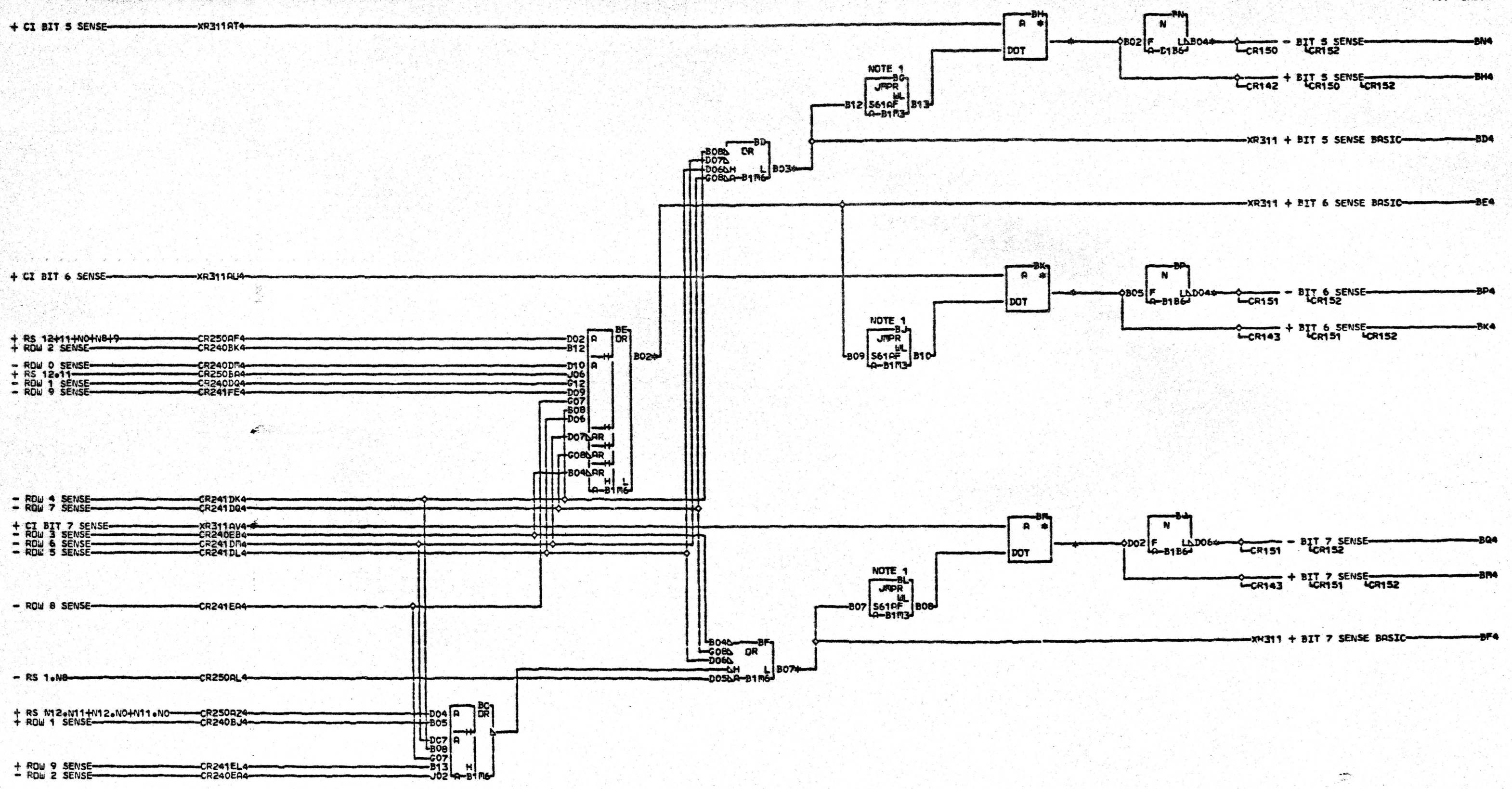
LOC.	TYPE
A-B1B6	0383
A-B1L6	4698
A-B1M3	0036

12-8 BIT TRANSLATOR	
BITS 1 2	
E.C.-HISTORY	MACH-2501-B
811858B	FRAME 01
811858D	IBM CORP. SDD
DATE	LAST EC
08-10-66	811858K
P.No.	670087

CR252  
000

CR252  
000





NOTE 1 REMOVE JP CARD WITH CARD IMAGE INSTALLED

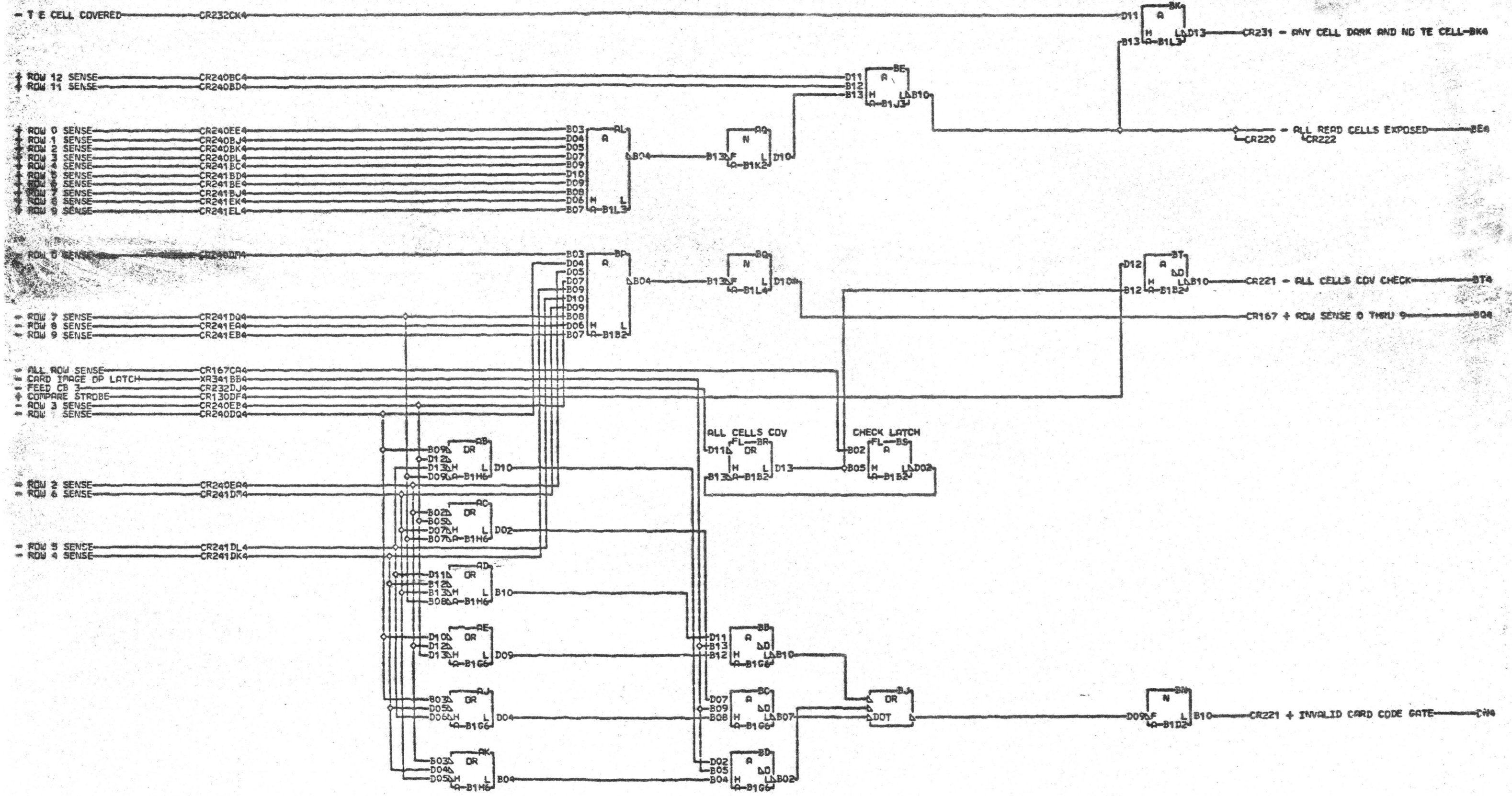
BD4 A-B1N1B09	01B-A1A5D10	BN4 A-B1A6D02
01B-A1A4B09	EK4 A-B1A6D03	01A-A1N6D02
BE4 A-B1N1B10	01A-A1N6D03	BP4 A-B1A6D04
01B-A1A4B10	01A-B1N2D11	01A-A1N6D04
BF4 A-B1N1B12	01B-A1A5D11	BQ4 A-B1A6D06
01B-A1A4B12	BM4 A-B1A6D05	01A-A1N6D06
BH4 A-B1A6B13	01A-A1N6D05	
01A-A1N6B13	01A-B1N2D12	
01A-B1N2D10	01B-A1A5D12	

LOC. TYPE  
 A-B1B6 0383  
 A-B1M3 0036  
 A-B1M6 4699

12-8 BIT TRANSLATOR	
BITS 5 6 7	
E.C. HISTORY	FRAMES 2501-B
811858B	FRAME 01
811858D	IBM CORP. SDD
811858G	
DATE LAST EC	P.No. 670089
08-10-66 811858K	

C 45293

4 5293



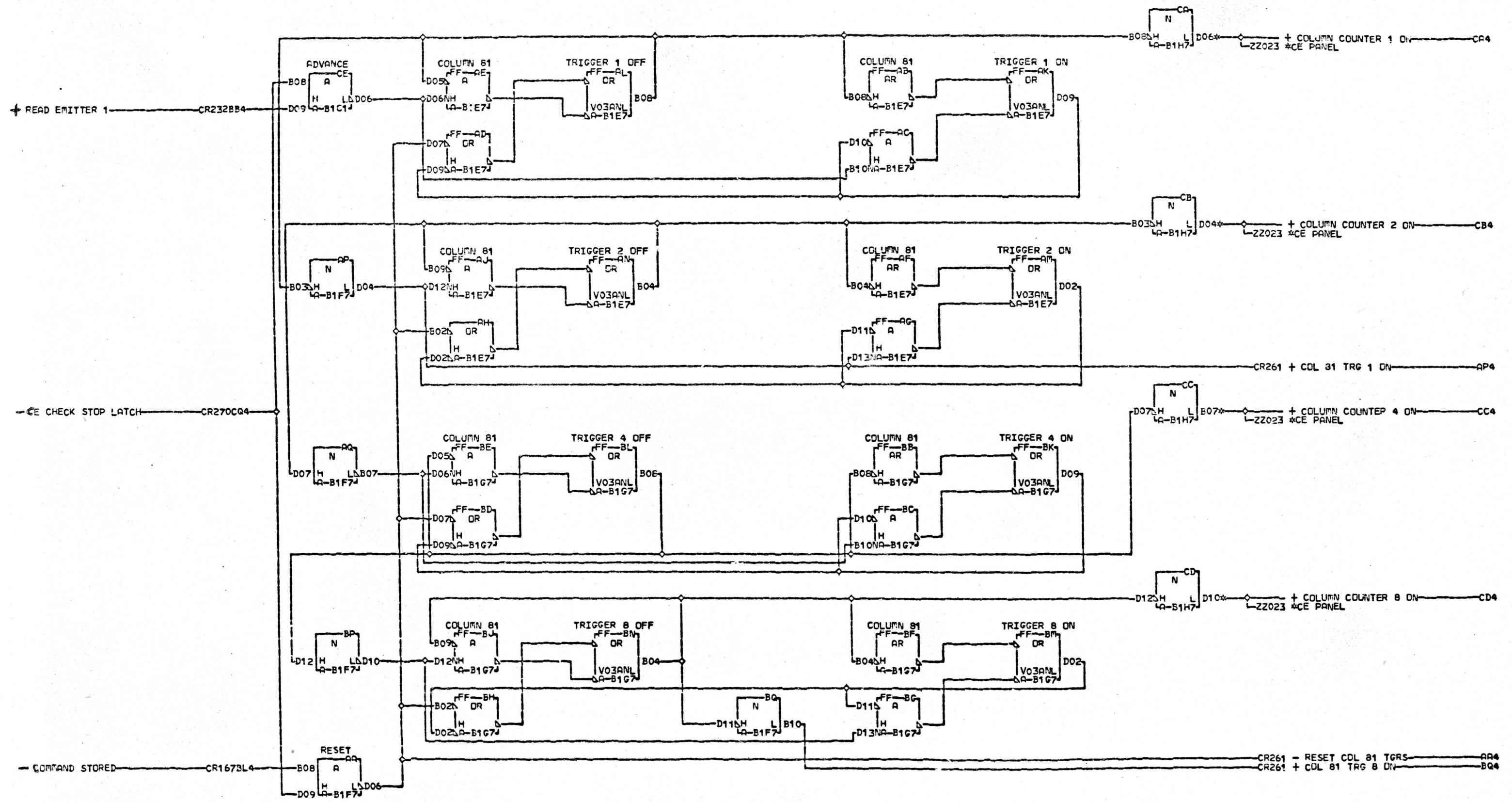
BQ4 A-B1A3D02  
 01A-A1N3D02

LOC.	TYPE
A-B1B2	0287
A-B1D2	0299
A-B1G6	0298
A-B1H6	0285
A-B1J3	0297
A-B1K2	0383
A-B1L3	0287
A-B1L4	0383

INVALID CARD CODE AND ALL CELLS	
E.C. HISTORY	FRAMES 2501-B
B11858B	FRAME 01
B11858D	IEM CORP. SDD
B11858K	
DATE	LAST EC
11-03-66	612426
P.No	670090

000

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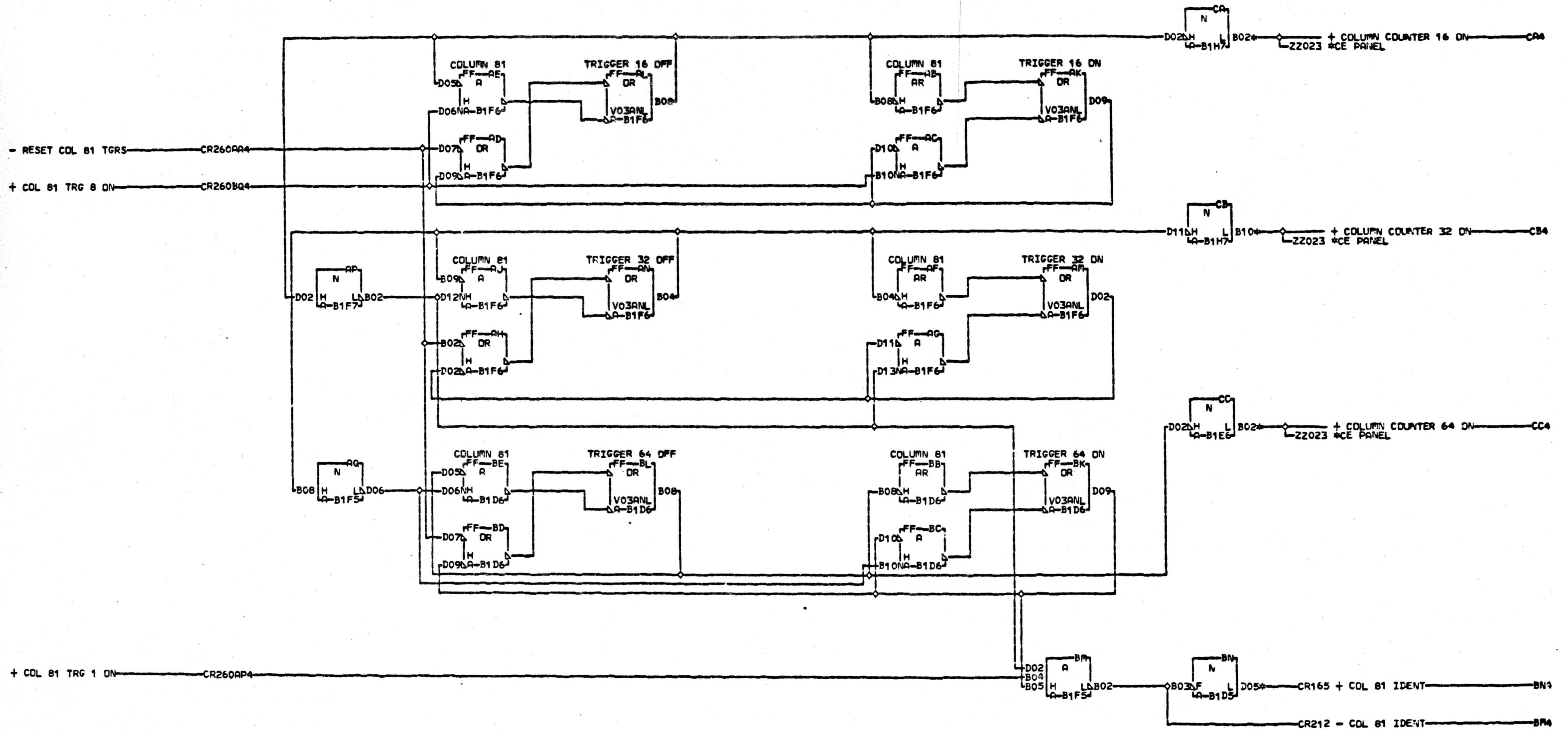


CA4 R-B1N6B03  
 CB4 R-B1N6B04  
 CC4 R-B1N6B05  
 CD4 R-B1N6B07

LDC. TYPE  
 R-B1C1 0292  
 R-B1E7 0391  
 R-B1F7 0292  
 R-B1G7 0391  
 R-B1H7 0297

COL 81 IDENT		MACH-2501-B	C R 2 6 0
E.C. HISTORY			
B11858B	FRAME	01	000
B11858D	IBM CORP. SDD		
B11858J	DATE		
08-10-66	LAST EC	811858K	
	P.No.	670091	

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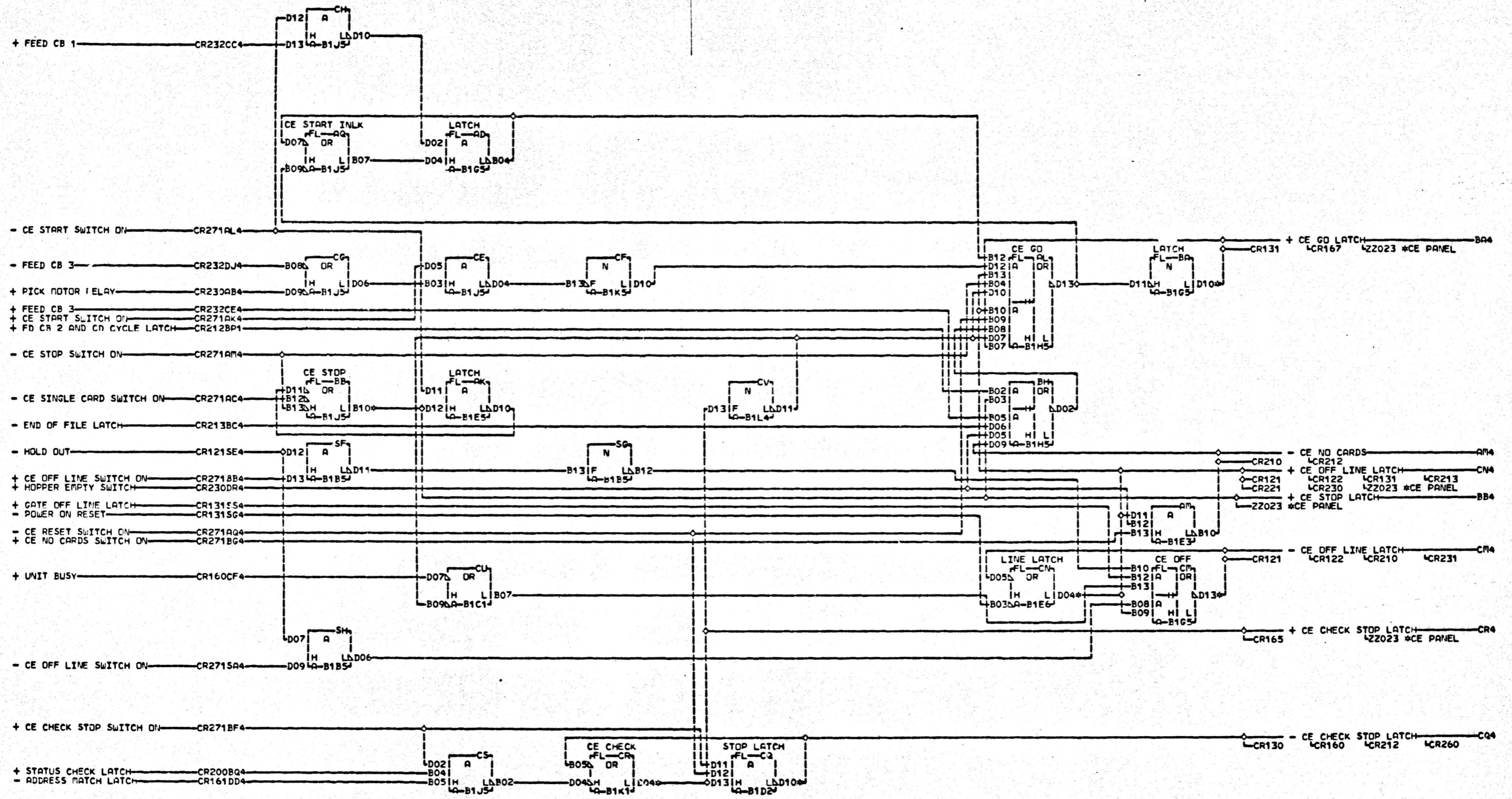


BN4 R-B1A5B12  
 O1A R-B1N5E12  
 CA4 R-B1N6B08  
 CB4 R-B1N6B09  
 CC4 R-B1N6B10

LDC. TYPE  
 R-B1D5 0383  
 R-B1D6 0391  
 R-B1E6 0292  
 R-B1F5 0292  
 R-B1F6 0391  
 R-B1F7 0292  
 R-B1H7 0297

COL 81 IDENT		E.C. HISTORY	MACH. 2501-B	FRAME 01
TRGS 16-64				
DATE	LAST EC	IBM CORP. SDD		
08-10-66	811858K	P.No. 670092		

CR 261

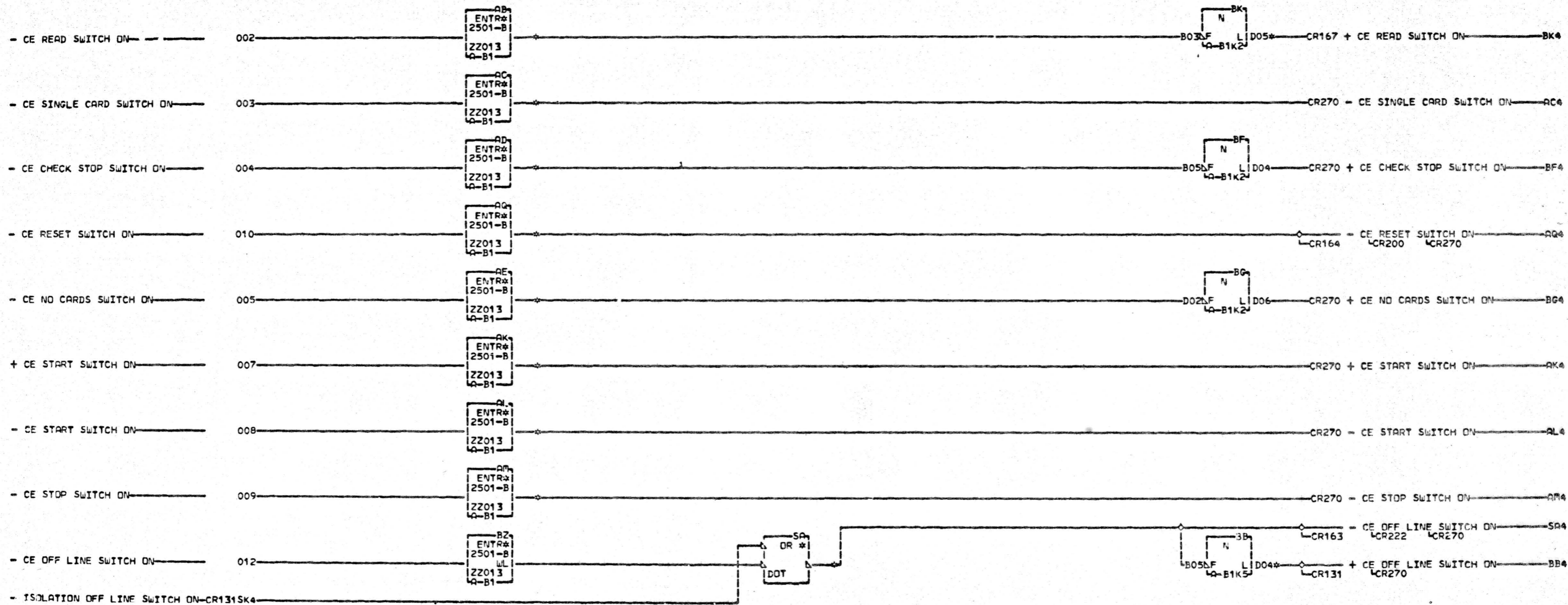


BA4 A-B1N7B04	CQ4 A-B1A5D07
O1A-B1A5D12	O1A-B1N5D07
O1A-B1N5D12	CR4 A-B1A3B12
BB4 A-B1N7B05	O1A-B1N3B12
CM4 A-B1A5D13	O1A-B1N7B08
O1A-B1N5D13	
CM4 A-B1N7B07	
O1A-B1A5D09	
O1A-B1N5D09	

LOC.	TYPE	LOC.	TYPE
A-B1B5	0296	A-B1K1	0296
A-B1C1	0292	A-B1K5	0383
A-B1D2	0299	A-B1L4	0383
A-B1E3	0297		
A-B1E5	0282		
A-B1E6	0292		
A-B1G5	0283		
A-B1H5	0300		
A-B1J5	0297		

CE CONTROLS			
E.C. HISTORY	MACH. 2501-B		
814115	FRAME	01	
814115B			
DATE	LAST EC	IBM CORP. SDD	
11-10-67	814115C	P.No. 670147	

CR270



001  
SIM TO PN 670094 EC 811858K

AB4 R-B1N7B09 01A-A1N5D10  
 AC4 R-B1N7B10 BB4 R-B1A3D05  
 AD4 R-B1N7B12 01A-A1N3D05  
 AE4 R-B1N7D02 BK4 R-B1A1D02  
 AK4 R-B1N7D04 01A-A1N1D02  
 AL4 R-B1N7D05 SA4 R-B1N7D07  
 AM4 R-B1N7D06 01A-B1A5D11  
 AN4 R-B1N7E13 01A-A1N5D11  
 01A-B1A5D10 01A-A1A3B03

LOC. TYPE  
 R-B1K2 0383  
 R-B1K5 0383

E.C. HISTORY		MACH. 2501-B	
814115		FRAME	01
814115B		IBM CORP. SDD	
DATE	LAST EC	P.No.	670148
11-10-67	814115C		

CR271  
001

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SERP CONN PIN	A1 TO A-A1B4		GATE CONN	
	NAME	PIN	LOC	
B02	GND BUS OUT BIT P	B02	---	
B03	BUS OUT BIT P	B03	CR101	
B04	GND BUS OUT BIT 1	B04	---	
B05	BUS OUT BIT 1	B05	CR100	
B06		B06		
B07	GND BUS OUT BIT 3	B07	---	
B08	BUS OUT BIT 3	B08	CR100	
B09	GND BUS OUT BIT 5	B09	---	
B10	BUS OUT BIT 5	B10	CR101	
B11		B11		
B12	BUS OUT BIT 7	B12	CR101	
B13	GND BUS OUT BIT 7	B13	---	
D02		D02		
D03		D03		
D04	BUS OUT BIT 0	D04	CR100	
D05	GND BUS OUT BIT 0	D05	---	
D06	BUS OUT BIT 2	D06	CR100	
D07	GND BUS OUT BIT 2	D07	---	
D08	GND BUS OUT BIT 4	D08	---	
D09	BUS OUT BIT 4	D09	CR101	
D10	GND BUS OUT BIT 6	D10	---	
D11	BUS OUT BIT 6	D11	CR101	
D12		D12		
D13	SPARE INTERFACE	D13	CR113	

SERP CONN PIN	A2 TO A-A1B6		GATE CONN	
	NAME	PIN	LOC	
B02	GND OPERATIONAL IN	B02	---	
B03	OPERATIONAL IN	B03	CR122	
B04	GND ADDRESS IN	B04	---	
B05	ADDRESS IN	B05	CR122	
B06		B06		
B07	GND SELECT IN	B07	---	
B08	SELECT IN	B08	CR121	
B09	GND ADDRESS OUT	B09	---	
B10	ADDRESS OUT	B10	CR120	
B11		B11		
B12	SUPPRESS OUT	B12	CR120	
B13	GND SUPPRESS OUT	B13	---	
D02		D02		
D03		D03		
D04	STATUS IN	D04	CR122	
D05	GND STATUS IN	D05	---	
D06	SERVICE IN	D06	CR122	
D07	GND SERVICE IN	D07	---	
D08	GND SELECT OUT	D08	---	
D09	SELECT OUT	D09	CR121	
D10	GND COMMAND OUT	D10	---	
D11	COMMAND OUT	D11	CR120	
D12	GND SERVICE OUT	D12	---	
D13	SERVICE OUT	D13	CR120	

SERP CONN PIN	B1 TO A-A1A4		GATE CONN	
	NAME	PIN	LOC	
B02	GND BUS OUT BIT P	B02	---	
B03	BUS OUT BIT P	B03	CR101	
B04	GND BUS OUT BIT 1	B04	---	
B05	BUS OUT BIT 1	B05	CR101	
B06		B06		
B07	GND BUS OUT BIT 3	B07	---	
B08	BUS OUT BIT 3	B08	CR100	
B09	GND BUS OUT BIT 5	B09	---	
B10	BUS OUT BIT 5	B10	CR101	
B11		B11		
B12	BUS OUT BIT 7	B12	CR101	
B13	GND BUS OUT BIT 7	B13	---	
D02		D02		
D03		D03		
D04	BUS OUT BIT 0	D04	CR100	
D05	GND BUS OUT BIT 0	D05	---	
D06	BUS OUT BIT 2	D06	CR100	
D07	GND BUS OUT BIT 2	D07	---	
D08	GND BUS OUT BIT 4	D08	---	
D09	BUS OUT BIT 4	D09	CR101	
D10	GND BUS OUT BIT 6	D10	---	
D11	BUS OUT BIT 6	D11	CR101	
D12		D12		
D13	SPARE INTERFACE	D13	CR113	

SERP CONN PIN	B2 TO A-A1A6		GATE CONN	
	NAME	PIN	LOC	
B02	GND OPERATIONAL IN	B02	---	
B03	OPERATIONAL IN	B03	CR122	
B04	GND ADDRESS IN	B04	---	
B05	ADDRESS IN	B05	CR122	
B06		B06		
B07	GND SELECT IN	B07	---	
B08	SELECT IN	B08	CR121	
B09	GND ADDRESS OUT	B09	---	
B10	ADDRESS OUT	B10	CR120	
B11		B11		
B12	SUPPRESS OUT	B12	CR120	
B13	GND SUPPRESS OUT	B13	---	
D02		D02		
D03		D03		
D04	STATUS IN	D04	CR122	
D05	GND STATUS IN	D05	---	
D06	SERVICE IN	D06	CR122	
D07	GND SERVICE IN	D07	---	
D08	GND SELECT OUT	D08	---	
D09	SELECT OUT	D09	CR121	
D10	GND COMMAND OUT	D10	---	
D11	COMMAND OUT	D11	CR120	
D12	GND SERVICE OUT	D12	---	
D13	SERVICE OUT	D13	CR120	

SERP CONN PIN	A1 TO A-A1B5		GATE CONN	
	NAME	PIN	LOC	
G02	GND BUS IN BIT P	B02	---	
G03	BUS IN BIT P	B03	CR113	
G04	GND BUS IN BIT 1	B04	---	
G05	BUS IN BIT 1	B05	CR110	
G06		B06		
G07	GND BUS IN BIT 3	B07	---	
G08	BUS IN BIT 3	B08	CR111	
G09	GND BUS IN BIT 5	B09	---	
G10	BUS IN BIT 5	B10	CR112	
G11		B11		
G12	BUS IN BIT 7	B12	CR113	
G13	GND BUS IN BIT 7	B13	---	
J02		D02		
J03		D03		
J04	BUS IN BIT 0	D04	CR110	
J05	GND BUS IN BIT 0	D05	---	
J06	BUS IN BIT 2	D06	CR110	
J07	GND BUS IN BIT 2	D07	---	
J08	GND BUS IN BIT 4	D08	---	
J09	BUS IN BIT 4	D09	CR111	
J10	GND BUS IN BIT 6	D10	---	
J11	BUS IN BIT 6	D11	CR112	
J12		D12		
J13	SPARE INTERFACE	D13	CR113	

SERP CONN PIN	A2 TO A-A1B7		GATE CONN	
	NAME	PIN	LOC	
G02	GND CLOCK OUT	B02	---	
G03	CLOCK OUT	B03	CR121	
G04	GND METERING IN	B04	---	
G05	METERING IN	B05	CR122	
G06		B06		
G07		B07		
G08	SPARE INTERFACE	B08	CR113	
G09		B09		
G10	SPARE INTERFACE	B10	CR120	
G11		B11		
G12	HOLD OUT	B12	CR121	
G13	GND HOLD OUT	B13	---	
J02		D02		
J03		D03		
J04	METERING OUT	D04	CR121	
J05	GND METERING OUT	D05	---	
J06	REQUEST IN	D06	CR122	
J07	GND REQUEST IN	D07	---	
J08		D08		
J09	SPARE INTERFACE	D09	CR112	
J10		D10		
J11	SPARE INTERFACE	D11	CR112	
J12	GND OPERATIONAL OUT	D12	---	
J13	OPERATIONAL OUT	D13	CR121	

SERP CONN PIN	B1 TO A-A1A5		GATE CONN	
	NAME	PIN	LOC	
G02	GND BUS IN BIT P	B02	---	
G03	BUS IN BIT P	B03	CR113	
G04	GND BUS IN BIT 1	B04	---	
G05	BUS IN BIT 1	B05	CR110	
G06		B06		
G07	GND BUS IN BIT 3	B07	---	
G08	BUS IN BIT 3	B08	CR111	
G09	GND BUS IN BIT 5	B09	---	
G10	BUS IN BIT 5	B10	CR112	
G11		B11		
G12	BUS IN BIT 7	B12	CR113	
G13	GND BUS IN BIT 7	B13	---	
J02		D02		
J03		D03		
J04	BUS IN BIT 0	D04	CR110	
J05	GND BUS IN BIT 0	D05	---	
J06	BUS IN BIT 2	D06	CR110	
J07	GND BUS IN BIT 2	D07	---	
J08	GND BUS IN BIT 4	D08	---	
J09	BUS IN BIT 4	D09	CR111	
J10	GND BUS IN BIT 6	D10	---	
J11	BUS IN BIT 6	D11	CR112	
J12		D12		
J13	SPARE INTERFACE	D13	CR113	

SERP CONN PIN	B2 TO A-A1A7		GATE CONN	
	NAME	PIN	LOC	
G02	GND CLOCK OUT	B02	---	
G03	CLOCK OUT	B03	CR121	
G04	GND METERING IN	B04	---	
G05	METERING IN	B05	CR122	
G06		B06		
G07		B07		
G08	SPARE INTERFACE	B08	CR113	
G09		B09		
G10	SPARE INTERFACE	B10	CR120	
G11		B11		
G12	HOLD OUT	B12	CR121	
G13	GND HOLD OUT	B13	---	
J02		D02		
J03		D03		
J04	METERING OUT	D04	CR121	
J05	GND METERING OUT	D05	---	
J06	REQUEST IN	D06	CR122	
J07	GND REQUEST IN	D07	---	
J08		D08		
J09	SPARE INTERFACE	D09	CR112	
J10		D10		
J11	SPARE INTERFACE	D11	CR112	
J12	GND OPERATIONAL OUT	D12	---	
J13	OPERATIONAL OUT	D13	CR121	

IF THIS LOGIC SHEET IS PRINTED ON GREEN PAPER, INSERT THIS SHEET BEHIND EXISTING LOGIC SHEET. WHEN UPDATING THIS MACHINE, REPLACE ONLY THE WHITE LOGIC SHEET. RETAIN THIS LOGIC SHEET UNTIL NOTIFIED TO REMOVE IT ON A FUTURE ENGINEERING CHANGE. IF THIS LOGIC SHEET IS PRINTED ON WHITE PAPER, REPLACE EXISTING LOGIC SHEET WITH THIS LOGIC SHEET.

DATE	EC NUMBER	DATE	EC NUMBER	INTERFACE SERPENT	
10-25-66	811858K			CONNECTOR TO A-A1	
6-27-67	814105			DATE	P/N 670095
				TYPE	2501-B
				<b>IBM</b>	WC 280

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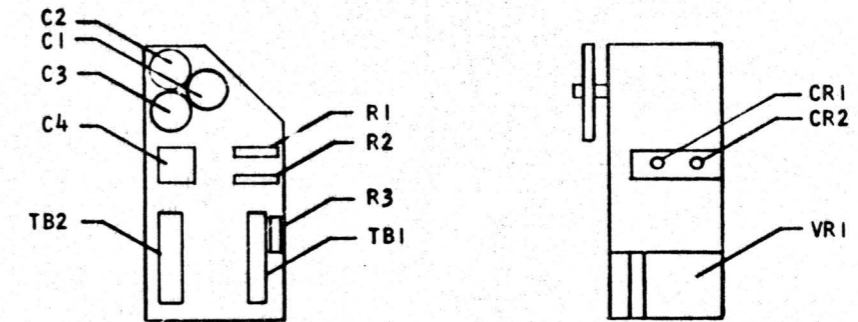
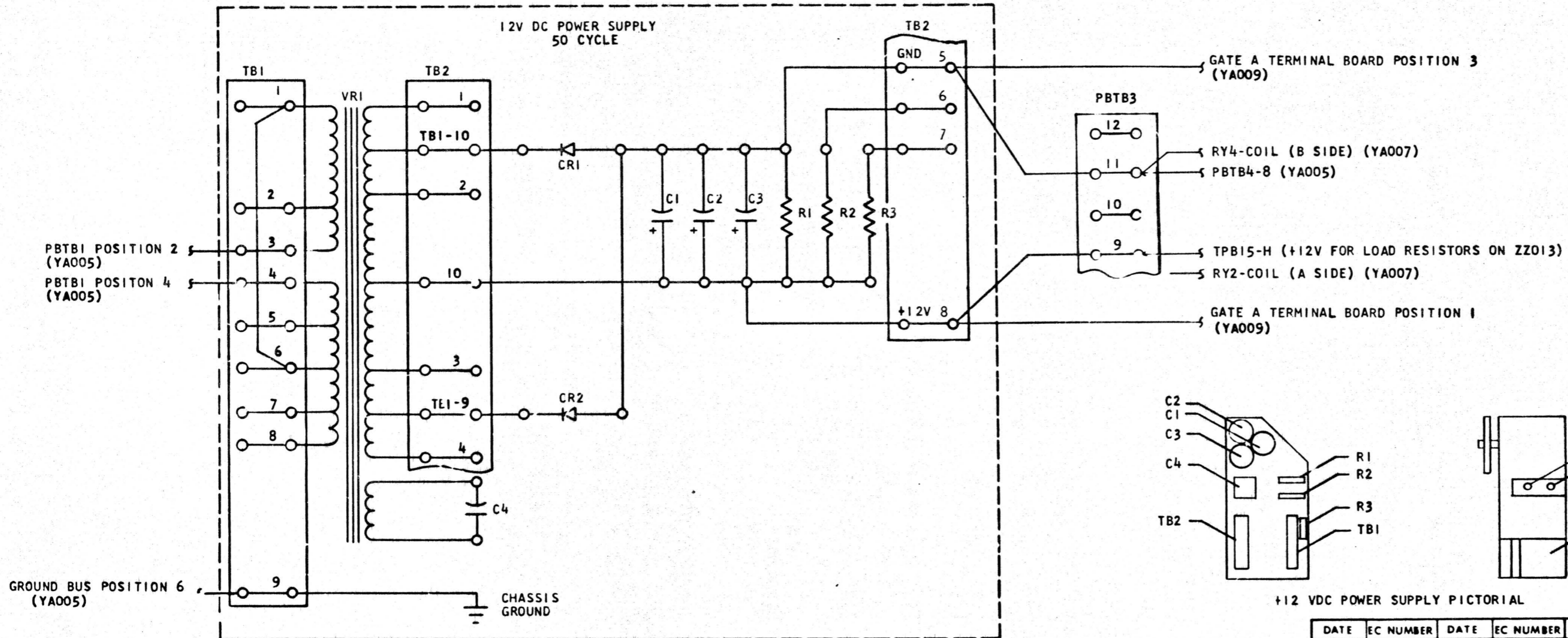
6

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50 CYCLE POWER SUPPLY PART NUMBER 5261990  
COMPONENTS & CONNECTION WIRING DIAGRAM 5261991

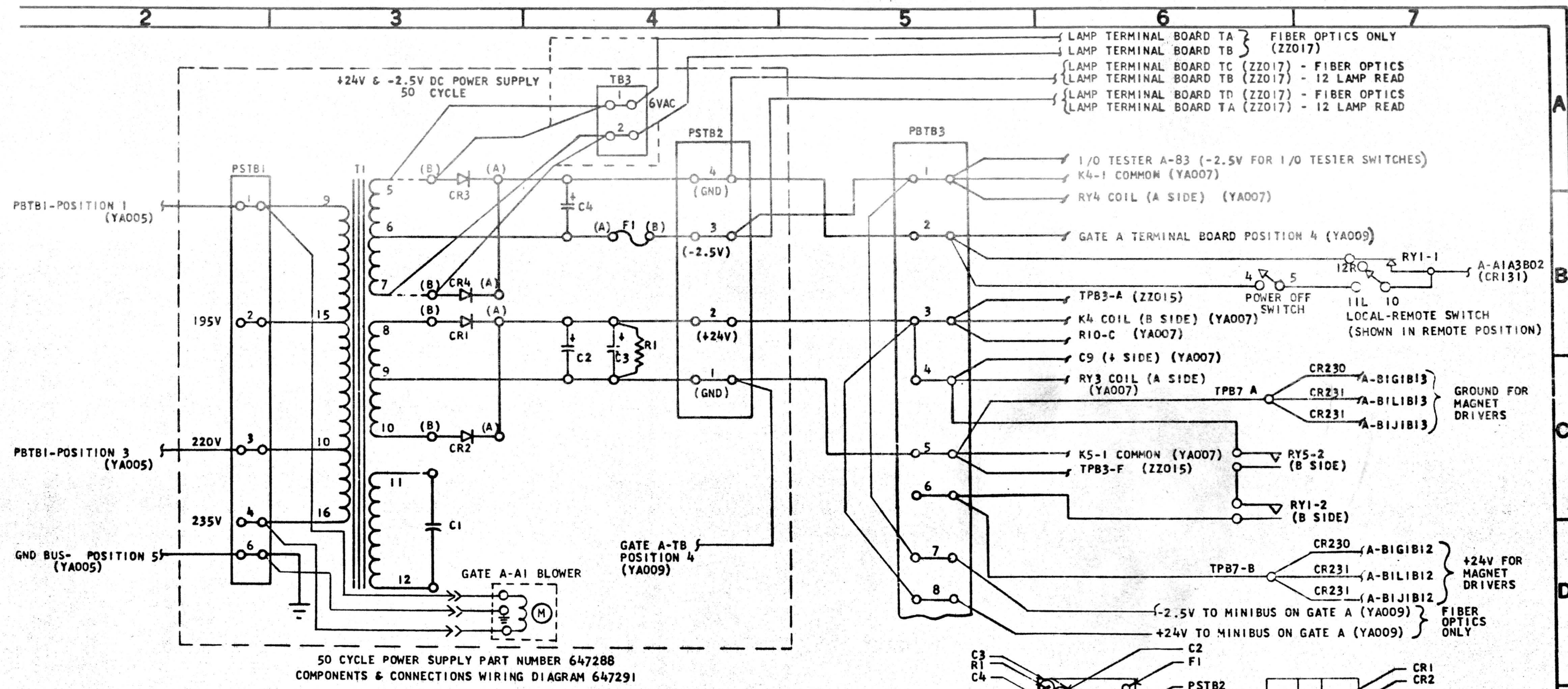
VOLTS	INPUT	JUMPER
195	TBI-3 & TBI-4	TBI-1 TO TBI-5
220	TBI-3 & TBI-4	TBI-1 TO TBI-6
235	TBI-3 & TBI-4	TBI-2 TO TBI-8

SYMBOL	PART NO.	DESCRIPTION
C1, C2, C3	5261825	CAP 70,000 UFD, 13 VDC
C4	223355	CAP 18 UFD, 330 VAC
CR1 TO CR4	207344	RECTIFIER
R1	5240459	RESISTOR 25Ω, 25W
R2, R3	5261815	RESISTOR 10Ω, 25W
VR1	5261988	FERRO TRANSFORMER



+12 VDC POWER SUPPLY PICTORIAL

DATE	EC NUMBER	DATE	EC NUMBER	POWER SUPPLY	
	814115			+12 VDC 50 CYCLE	
				DATE	P/N 670189
					TYPE 2501-B
				<b>IBM</b>	YA001 VER 001



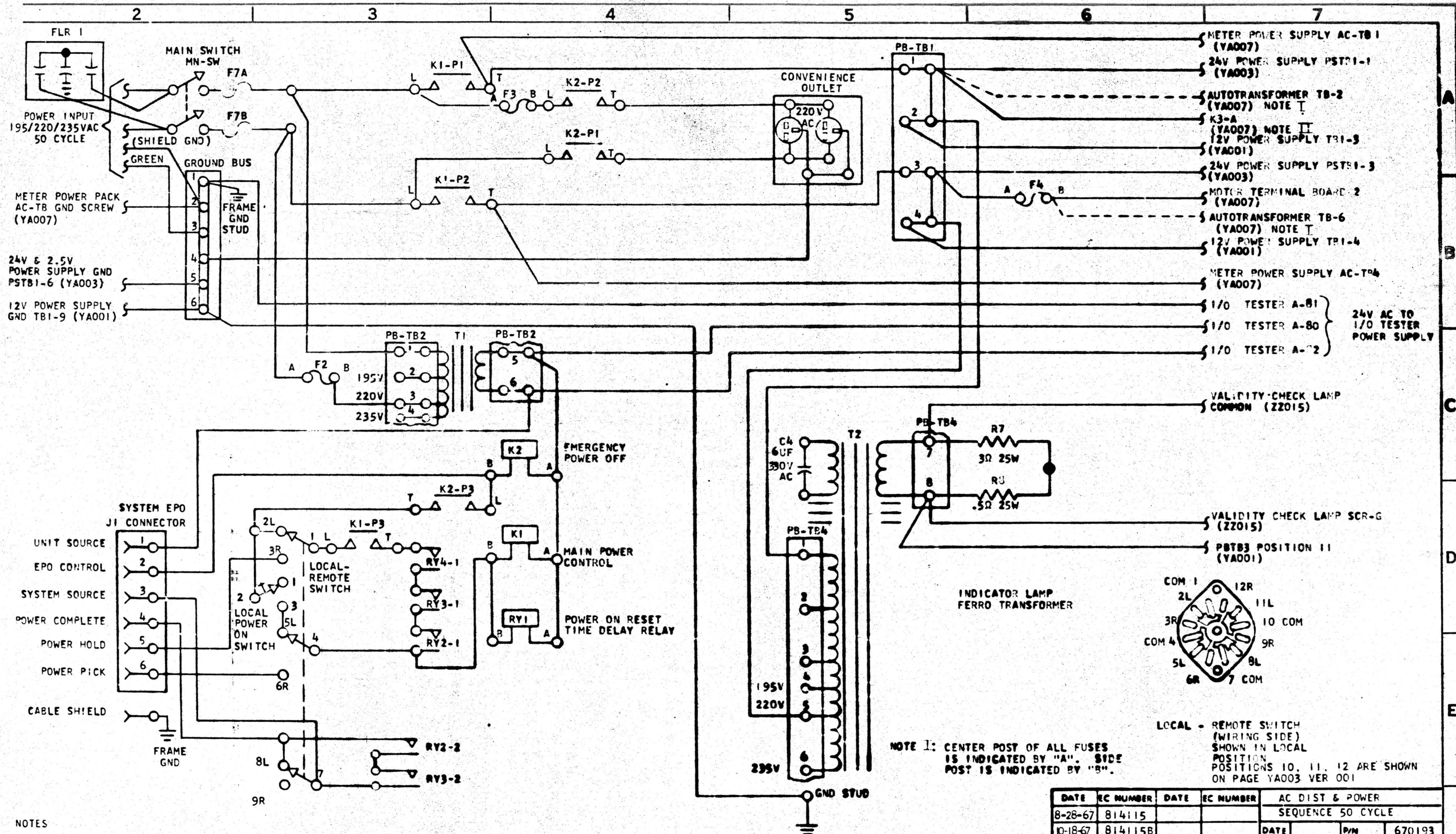
50 CYCLE POWER SUPPLY PART NUMBER 647288  
COMPONENTS & CONNECTIONS WIRING DIAGRAM 647291

VOLTS	INPUT	JUMPER
195	PSTBI-1 & PSTBI-2	NONE
220	PSTBI-1 & PSTBI-3	NONE
235	PSTBI-1 & PSTBI-4	NONE

SYMBOL	PART NO.	DESCRIPTION
C1	5240458	CAP 5 UFD, 330V AC
C1, C3	208238	CAP 10,000 UFD, 33V DC
C4	598343	CAP 25,000 UFD, 6V DC
CR1 TO CR4	598479	RECTIFIER
F1	2130253	FUSE 6.25A
R1	644518	RESISTOR 300Ω, 5W
T1	644546	FERRO TRANSFORMER

+24 & -2.5V DC POWER SUPPLY PICTORIAL

DATE	EC NUMBER	DATE	EC NUMBER	POWER SUPPLY		
8-28-67	814115			+24 & -2.5V DC 50 CYCLE		
10-18-67	814115B			DATE	P/M	670191
					TYPE	2501-B
					VER	001
				<b>IBM</b>	YA003	



NOTES

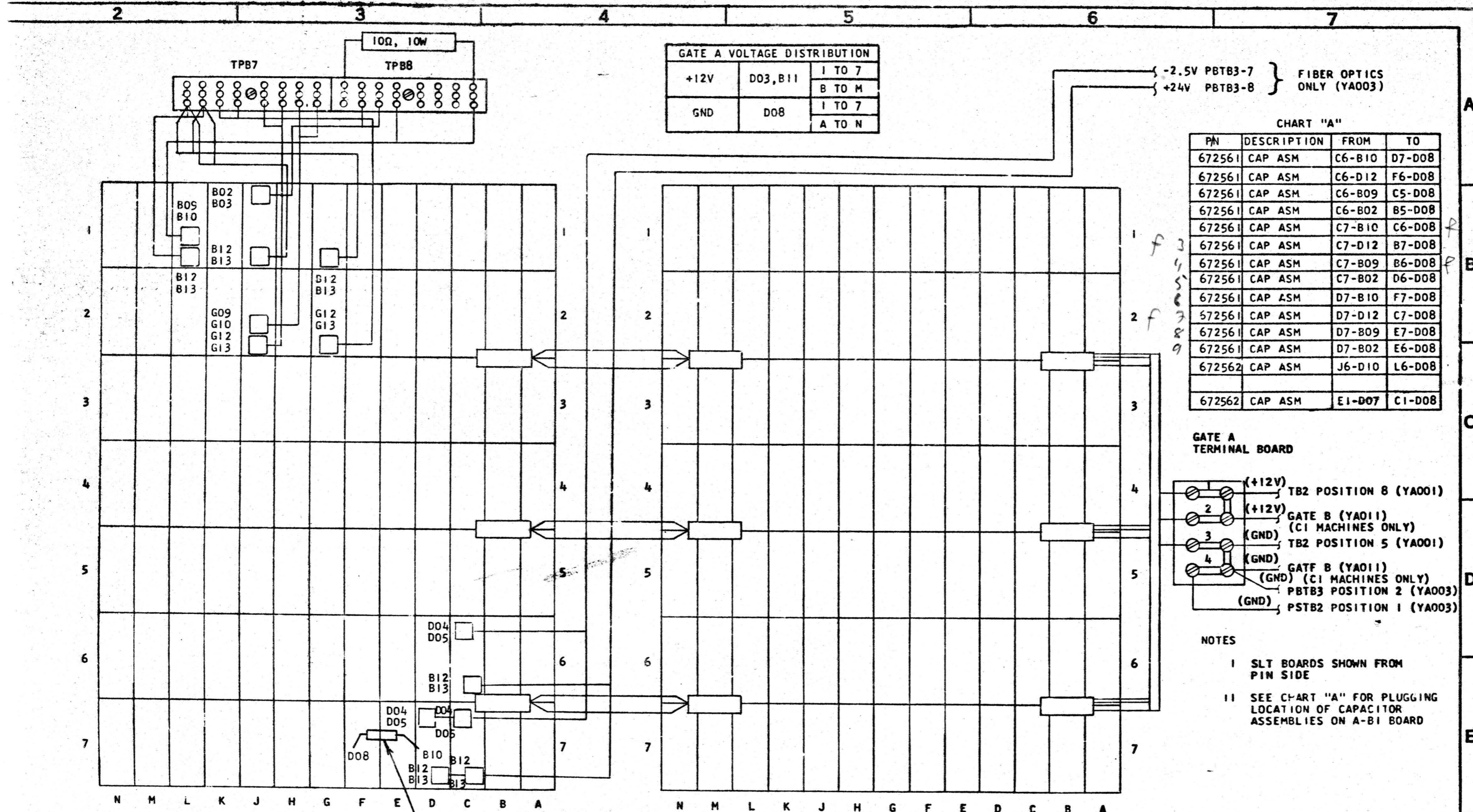
- T WITH AUTOTRANSFORMER FEATURE
- TT WITHOUT AUTOTRANSFORMER FEATURE

NOTE I: CENTER POST OF ALL FUSES IS INDICATED BY "A". SIDE POST IS INDICATED BY "B".

LOCAL - REMOTE SWITCH (WIRING SIDE) SHOWN IN LOCAL POSITION. POSITIONS 10, 11, 12 ARE SHOWN ON PAGE YA003 VER 001

DATE	EC NUMBER	DATE	EC NUMBER	AC DIST & POWER		
8-28-67	814115			SEQUENCE 50 CYCLE		
10-18-67	814115B			DATE	P/N	670193
11-15-67	814115C				TYPE	2501-B
						VER 001
				<b>IBM</b> YA005		



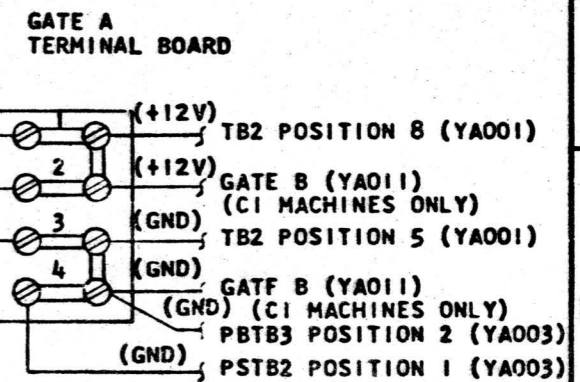


GATE A VOLTAGE DISTRIBUTION		
+12V	D03, B11	1 TO 7
		B TO M
GND	D08	1 TO 7
		A TO N

-2.5V PBTB3-7 } FIBER OPTICS ONLY (YA003)  
+24V PBTB3-8 }

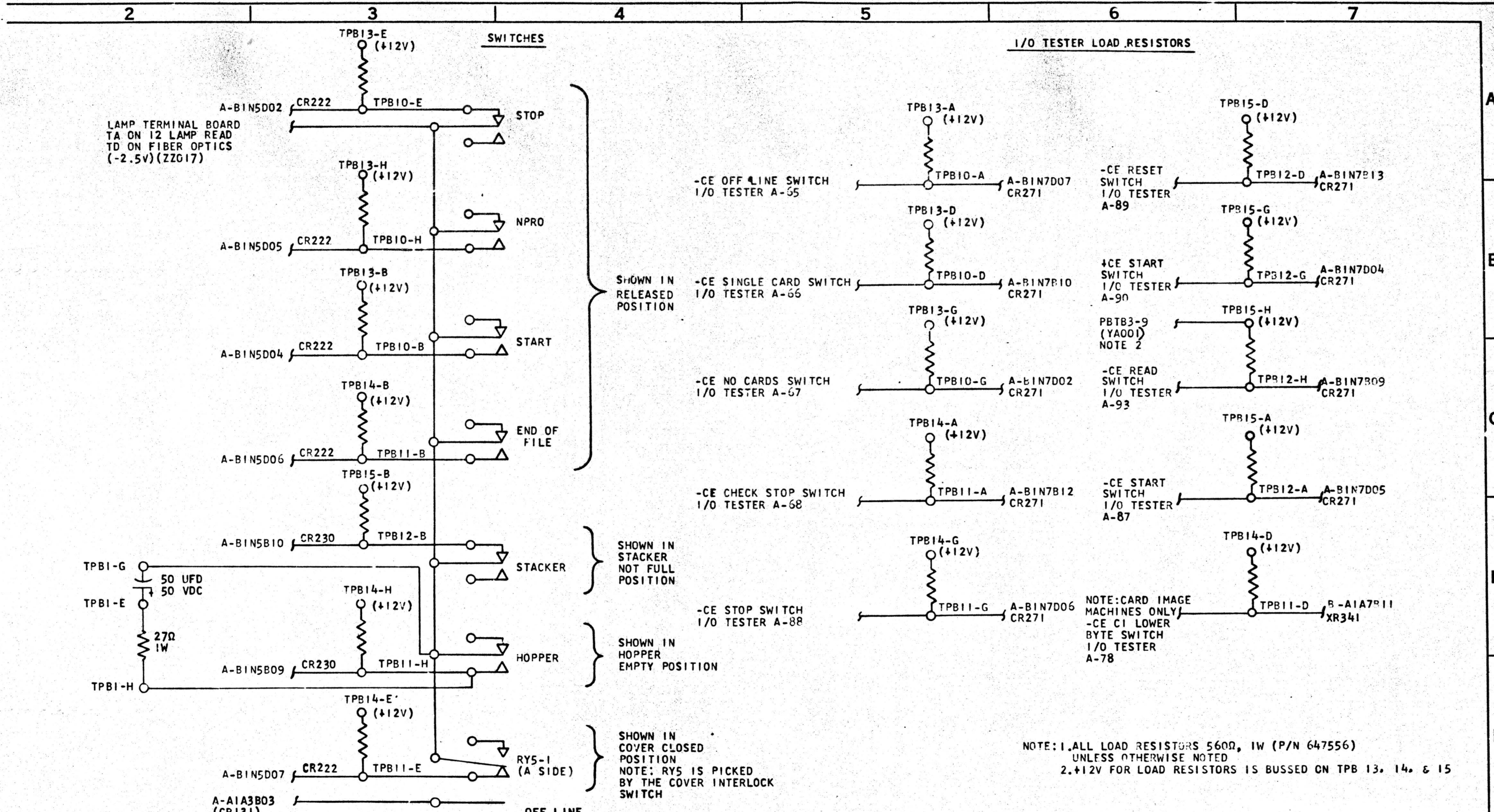
CHART "A"

PN	DESCRIPTION	FROM	TO
672561	CAP ASM	C6-B10	D7-D08
672561	CAP ASM	C6-D12	F6-D08
672561	CAP ASM	C6-B09	C5-D08
672561	CAP ASM	C6-B02	B5-D08
672561	CAP ASM	C7-B10	C6-D08
672561	CAP ASM	C7-D12	B7-D08
672561	CAP ASM	C7-B09	B6-D08
672561	CAP ASM	C7-B02	D6-D08
672561	CAP ASM	D7-B10	F7-D08
672561	CAP ASM	D7-D12	C7-D08
672561	CAP ASM	D7-809	E7-D08
672561	CAP ASM	D7-802	E6-D08
672562	CAP ASM	J6-D10	L6-D08
672562	CAP ASM	E1-D07	C1-D08



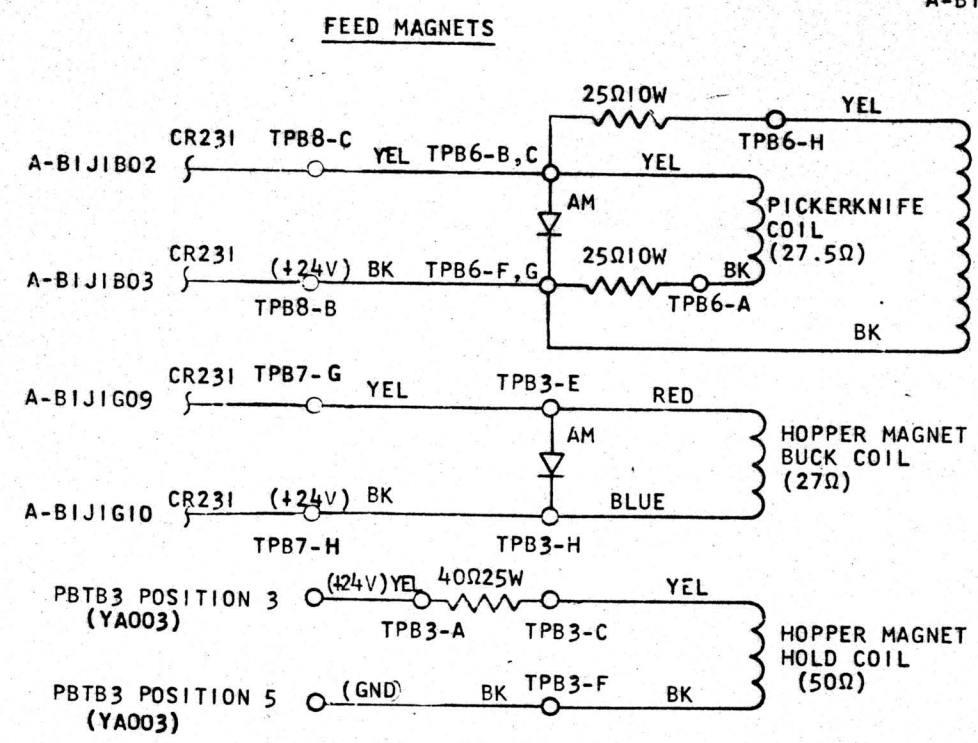
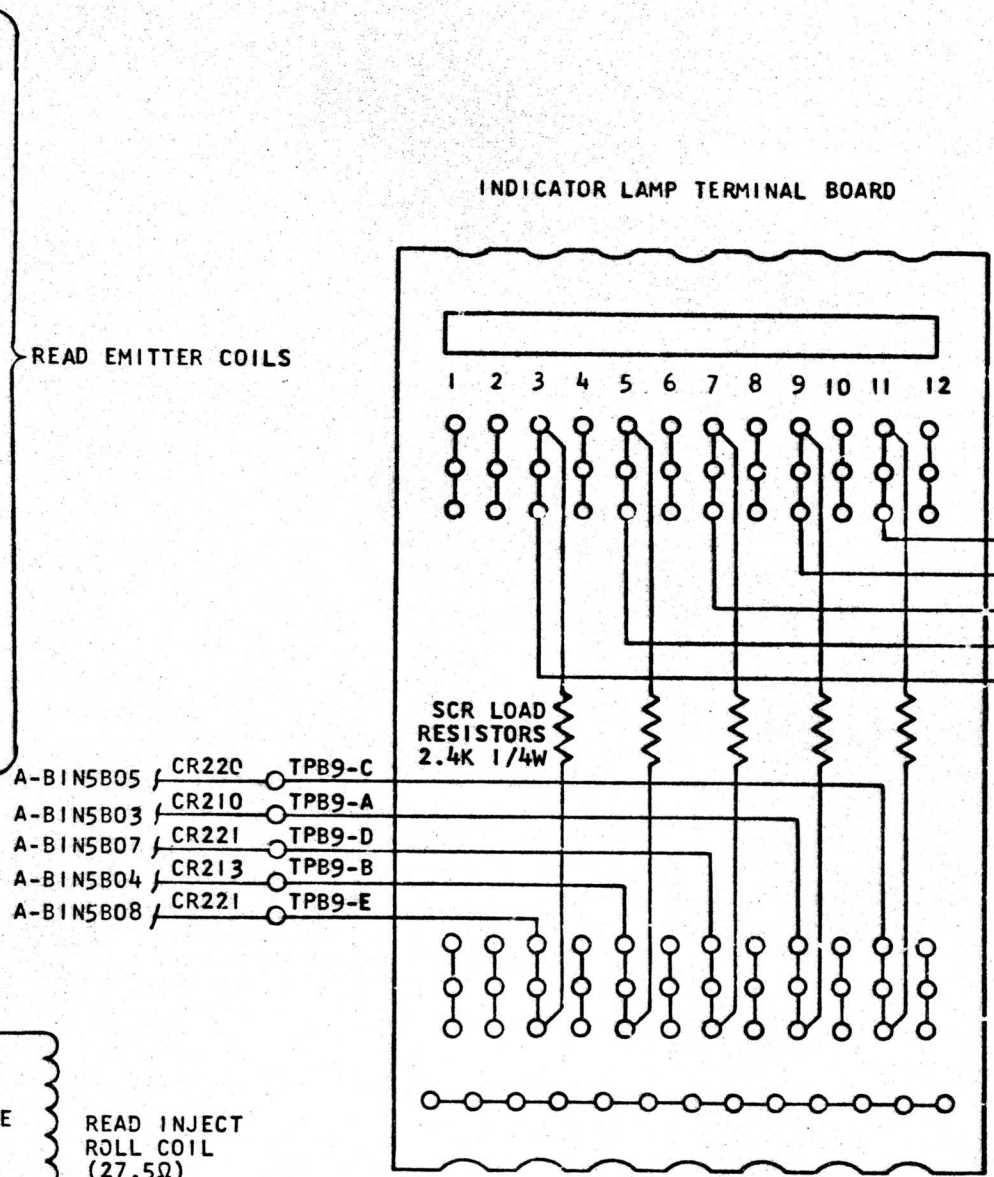
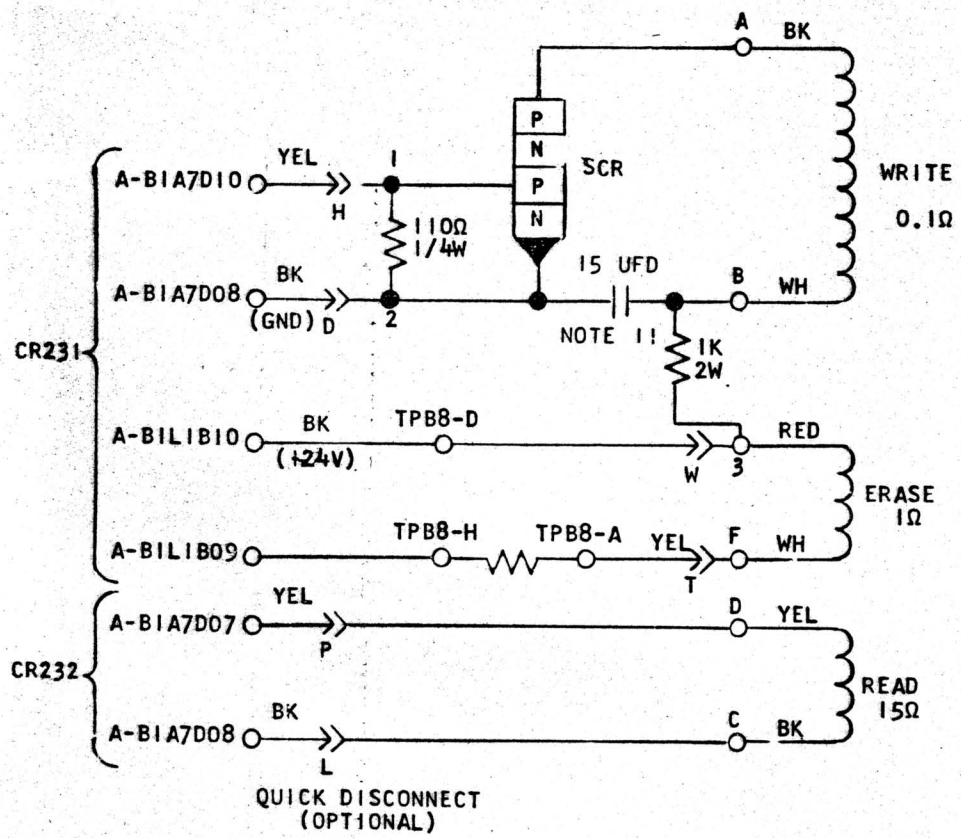
- NOTES
- I SLT BOARDS SHOWN FROM PIN SIDE
  - II SEE CHART "A" FOR PLUGGING LOCATION OF CAPACITOR ASSEMBLIES ON A-B1 BOARD

DATE	EC NUMBER	DATE	EC NUMBER	GATE A VOLTAGE DISTRIBUTION		
10-25-66	811858K			DATE	PN	670117
1-25-67	814096				TYPE	2501-B
11-19-68	816286			IBM YA009		
3-17-69	815548					
4-28-69	816310					

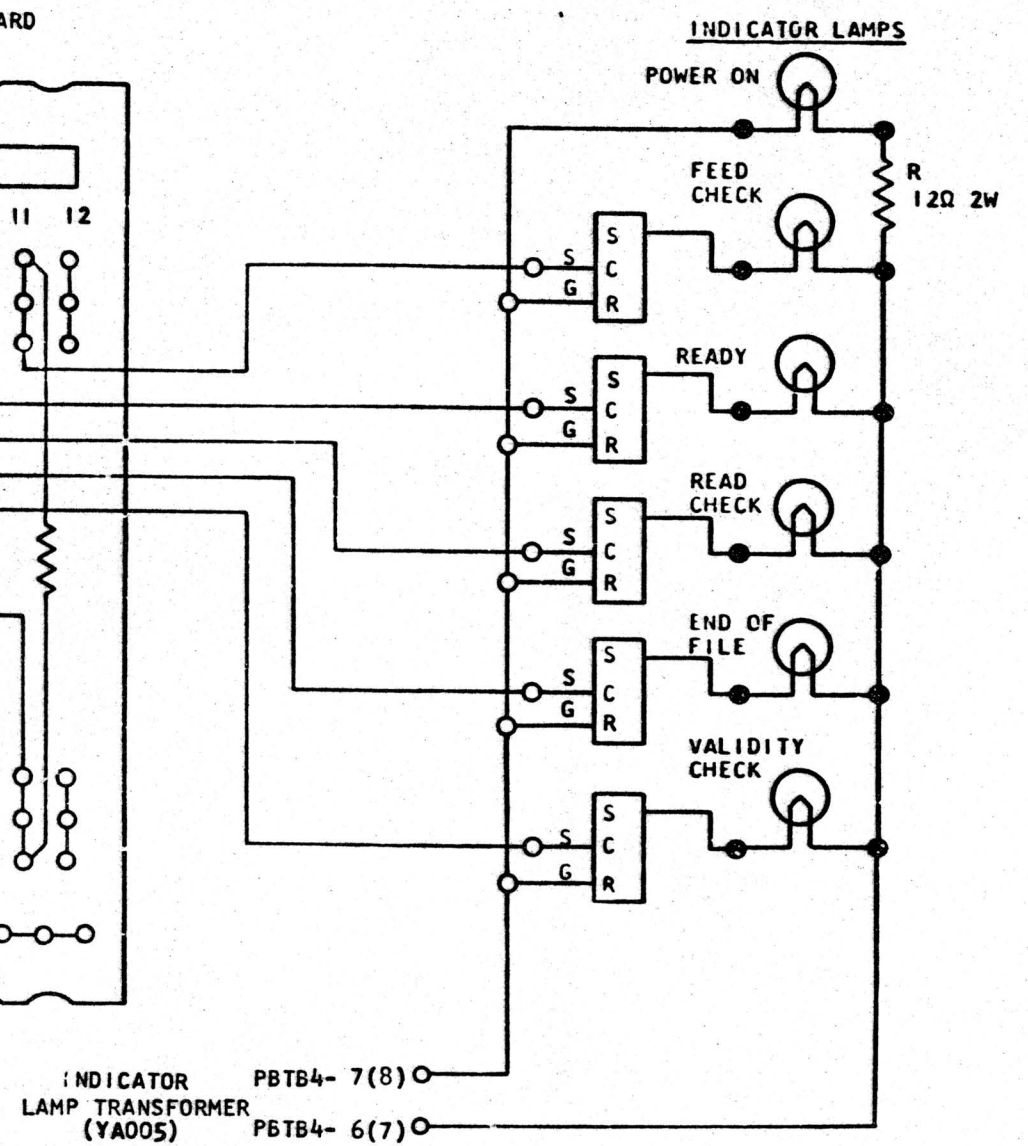
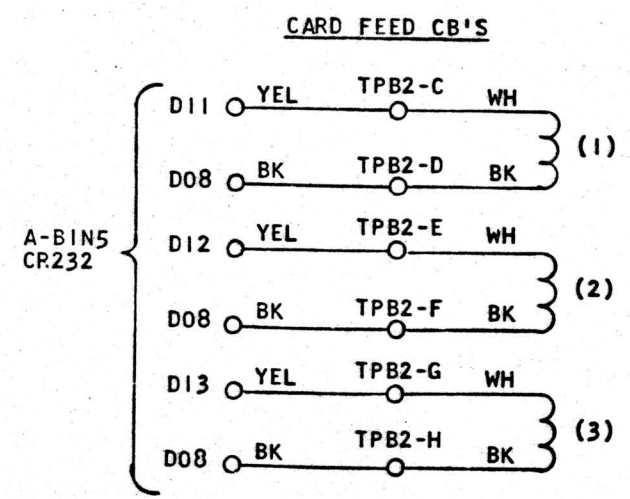


NOTE: 1. ALL LOAD RESISTORS 560Ω, 1W (P/N 647556)  
 UNLESS OTHERWISE NOTED  
 2. +12V FOR LOAD RESISTORS IS BUSSED ON TPB 13, 14, & 15

DATE	EC NUMBER	DATE	EC NUMBER	SWITCHES AND LOAD RESISTORS		
	814115			DATE	P/N	670197
					TYPE	2501-B
						VER 001
				<b>IBM</b>	ZZ013	



READ INJECT ROLL COIL (27.5Ω)



NOTE 1 FOR 50 CYCLE MACHINES USE NUMBERS WITHIN PARENTHESIS  
 !! CAPACITOR MAY BE 22 JFD ON EARLY MACHINES

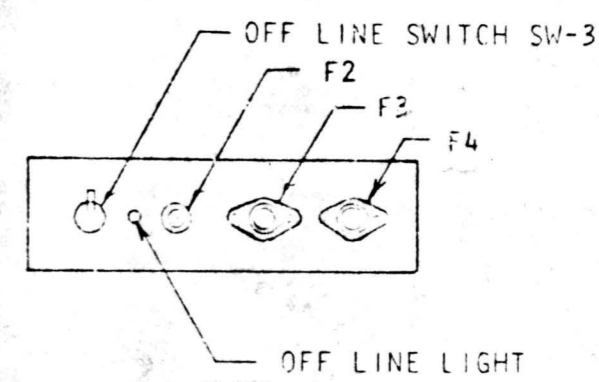
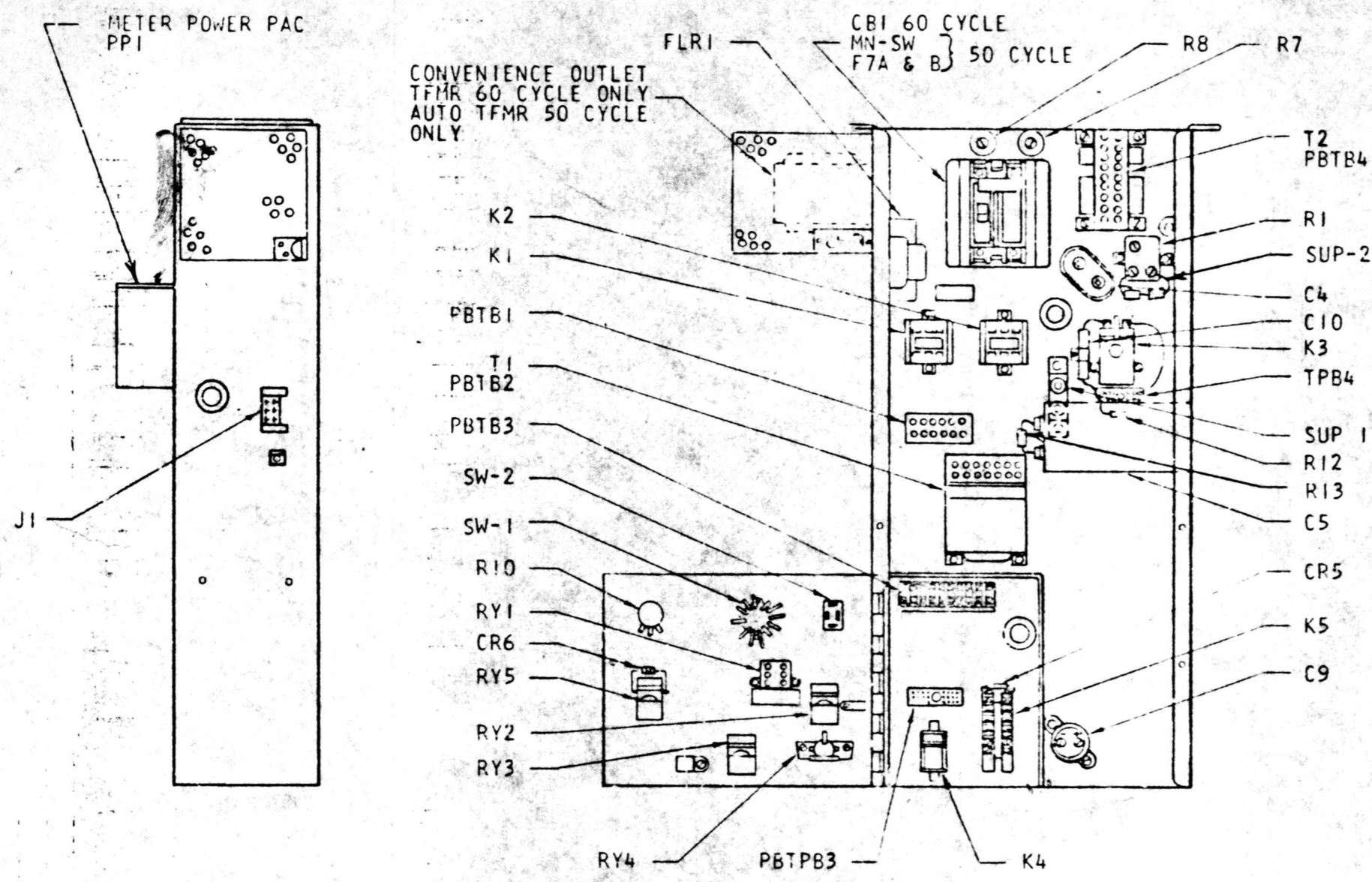
DATE	EC NUMBER	DATE	EC NUMBER	CB'S, FEED MAGNETS & INDICATOR LAMPS		
10-3-66	811858K			DATE	P/N	670120
1-25-67	814096			DATE	P/N	2561-B
6-19-67	814117					
6-17-68	814479					
				<b>IBM ZZ015</b>		



2 3 4 5 6 7

NOTES

X SEE ZZ021 FOR COMPLETE COMPONENT PART NO LIST



A  
B  
C  
D  
E

DATE	EC NUMBER	DATE	EC NUMBER	POWER SEQUENCE
8-28-67	814115			BOX PICTORIAL
10-18-67	814115B			DATE
4-24-68	814477			P/N 670198
				TYPE 2501-E
				IBM ZZ019 VER 001

		60 CYCLE	50 CYCLE
CODE	DESCRIPTION	PART NO.	PART NO.
CB1	MAINLINE CIRCUIT BREAKER 15 AMP	634331	- - -
MN-SW	MAINLINE TOGGLE SWITCH	- - -	601421
FLR1	LINE FILTER CAPACITOR	630139	630139
J1	POWER SEQUENCE TERMINAL CONNECTOR	523269	523269
PP1	PROCESS METER POWER PACK ASM	740540	740609
SUP-1	ARC SUPPRESSOR	173706	173706
SW-1	WAFER DIAL LOCAL-REMOTE	670475	670475
SW-2	POWER ON-POWER OFF SWITCH	657116	657116
T1	TRANSFORMER 24 VAC	480444	4116394
T2	TRANSFORMER LAMP 7.25 VAC	634475	4116467
K1&K2	CONTACTOR AC POWER	588396	588396
K3	RELAY-MOTOR CONTROL	76725	76725
K4	RELAY-MOTOR DELAY	471715	471715
K5	RELAY-MOTOR DELAY CONTROL	609149	609149
R-1	RELAY-MOTOR START	312477	312477
RY-1	RELAY-POWER ON	2207462	2207462
RY2	RELAY- +12V SENSE	441091	441091
RY3	RELAY- +24V SENSE	2128685	2128689
RY4	RELAY- -2.5V SENSE	736650	736650
RY5	RELAY-COVER INTE.LOCK SENSE	441091	441091
C4	CAPACITOR FERRO REG (NOTE 1)	5240458	210873
C5	CAPACITOR 20 UFD 330 VAC MOTOR START	524854	524854
C9	CAPACITOR 1000 UFD 45 VDC	208227	208227
C10	CAPACITOR 500 UFD 25 VDC	639307	639307
R7	RESISTOR ASM 3Ω 25W	337213	337213
R8	RESISTOR ASM .5Ω 25W	736651	736651
R9	RESISTOR ASM 10Ω 1W	609417	609417
R10	POTENTIOMETER 10KΩ 2W	460531	460531
R11	RESISTOR ASM 1KΩ 1/2W	518163	518163
R12	RESISTOR ASM 82Ω 2W	5322302	5322302
R13	RESISTOR ASM 15KΩ 2W	647519	647519
CR5	DIODE ASM - AM	639290	639290
CR6	DIODE ASM - AM	2111232	2111232
PBTB1	TERMINAL BLOCK	317485	317485
PBTB3	TERMINAL BLOCK	323839	323839
TPB4	TAPER PIN BLOCK	302090	302090
PBTPB3	TAPER PIN BLOCK	302090	302090
	CONVENIENCE OUTLET	357995	418835
	CONVENIENCE OUTLET TRANSFORMER	725006	
	AUTO-TRANSFORMER-MOTOR		4116430
SW-3	TOGGLE-SPST-OFF LINE SWITCH	121756	121756
LAMP	10V @ 14 MA - OFF LINE INDICATOR	5466352	5466352
SUP-2	RES-CAP ASM (10Ω-.1 UF)	672568	672568

FUSES(60 CYCLE)					
NO	AMP		DESCRIPTION	USE	PART NO.
F2	0.4		LONG TIME LAG	24V AC	111262
F3	5.0		LONG TIME LAG	CONV. TFMR	107666
F4	1.6		LONG TIME LAG	MOTOR	228391

FUSES (50 CYCLE)					
NO	AMP		DESCRIPTION	USE	PART NO.
F2	0.4		LONG TIME LAG	24 VAC	111262
F3	5.0		LONG TIME LAG	OUTLET	107666
F4	2.0		LONG TIME LAG	MOTOR	92734
F7A	15.0		INSTANTANEOUS	MAIN LINE	115971
F7B	15.0		INSTANTANEOUS	MAIN LINE	115971

NOTE 1: 5 UFD, 330 VAC (60 CYCLE)  
6 UFD, 330 VAC (50 CYCLE)

DATE	EC NUMBER	DATE	EC NUMBER	FUSE & POWER SEQUENCE	
8-28-67	814115			BOX COMPONENT CHART	
10-18-67	814115B			DATE	P/N 670199
11-10-67	814115C			TYPE	2501-B
4-24-68	814177				
7-1-69	816333			<b>IBM</b>	ZZ021 VER 001

