

VOLUME 045 MACHINE 3705- -0080232 MODEL M81 SYSTEM 0002904 MODE

BOX SHIP 81/12/11

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
AA000		BINDER TAB VOL 045	0008496502	344270	.W. 0001862344
TA000		TYPE 2 SCANNER MOD80	0008550250	344401	.W. 0001862344
TA001		TYPE 2 SCANNER MOD80	0008550252	344401	.W. 0001862344
TA002		TYPE 2 SCANNER MOD80	0008550253	344401	.W. 0001862344
TA003		TYPE 2 SCANNER MOD80	0008550254	344401	.W. 0001862344
TA021		TYPE 2 SCANNER MOD80	0008550255	344401	.W. 0001862344
TA031		TYPE 2 SCANNER MOD80	0008550256	344401	.W. 0001862344
TA041		TYPE 2 SCANNER MOD80	0008550257	344828	.W. 0001862344
TA071		TYPE 2 SCANNER MOD80	0008550258	344401	.W. 0001862344
TA081		TYPE 2 SCANNER MOD80	0008550259	344401	.W. 0001862344
TA091		TYPE 2 SCANNER MOD80	0008550260	344401	.W. 0001862344
TA111		TYPE 2 SCANNER MOD80	0008550261	344401	.W. 0001862344
TA121		TYPE 2 SCANNER MOD80	0008550262	344401	.W. 0001862344
TA131		TYPE 2 SCANNER MOD80	0008550263	344401	.W. 0001862344
TA141		TYPE 2 SCANNER MOD80	0008550264	344401	.W. 0001862344
TA151		TYPE 2 SCANNER MOD80	0008550265	344401	.W. 0001862344
TA211		TYPE 2 SCANNER MOD80	0008550266	344401	.W. 0001862344
TA221		TYPE 2 SCANNER MOD80	0008550267	344401	.W. 0001862344
TA231		TYPE 2 SCANNER MOD80	0008550268	344401	.W. 0001862344
TA251		TYPE 2 SCANNER MOD80	0008550269	344401	.W. 0001862344
TA261		TYPE 2 SCANNER MOD80	0008550270	344401	.W. 0001862344
TA271		TYPE 2 SCANNER MOD80	0008550271	344401	.W. 0001862344
TA311		TYPE 2 SCANNER MOD80	0008550272	344401	.W. 0001862344
TA321		TYPE 2 SCANNER MOD80	0008550273	344401	.W. 0001862344
TA331		TYPE 2 SCANNER MOD80	0008550274	344401	.W. 0001862344
TA341		TYPE 2 SCANNER MOD80	0008550275	344401	.W. 0001862344
TA351		TYPE 2 SCANNER MOD80	0008550276	344401	.W. 0001862344
TA361		TYPE 2 SCANNER MOD80	0008550277	344401	.W. 0001862344
TA411		TYPE 2 SCANNER MOD80	0008550278	344401	.W. 0001862344
TA421		TYPE 2 SCANNER MOD80	0008550279	344401	.W. 0001862344
TA431		TYPE 2 SCANNER MOD80	0008550280	344401	.W. 0001862344
TA441		TYPE 2 SCANNER MOD80	0008550281	344401	.W. 0001862344
TA451		TYPE 2 SCANNER MOD80	0008550282	344401	.W. 0001862344
TA511		TYPE 2 SCANNER MOD80	0008550283	344401	.W. 0001862344
TA515		TYPE 2 SCANNER MOD80	0008550284	344401	.W. 0001862344
TA521		TYPE 2 SCANNER MOD80	0008550285	344401	.W. 0001862344
TA525		TYPE 2 SCANNER MOD80	0008550286	344401	.W. 0001862344
TA531		TYPE 2 SCANNER MOD80	0008550287	344401	.W. 0001862344
TA535		TYPE 2 SCANNER MOD80	0008550288	344401	.W. 0001862344
TA545		TYPE 2 SCANNER MOD80	0008550289	344401	.W. 0001862344
TA551		TYPE 2 SCANNER MOD80	0008550290	344401	.W. 0001862344
TA555		TYPE 2 SCANNER MOD80	0008550291	344401	.W. 0001862344

VOLUME 045 MACHINE 3705- -0080232 MODEL M81 SYSTEM 0002904 MODE

BOX SHIP 81/12/11

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
TA561		TYPE 2 SCANNER MOD80	0008550292	344401	.W. 0001862344
TA565		TYPE 2 SCANNER MOD80	0008550293	344401	.W. 0001862344
TA571		TYPE 2 SCANNER MOD80	0008550294	344401	.W. 0001862344
TA611		TYPE 2 SCANNER MOD80	0008550295	344401	.W. 0001862344
TA621		TYPE 2 SCANNER MOD80	0008550296	344401	.W. 0001862344
TA631		TYPE 2 SCANNER MOD80	0008550297	344401	.W. 0001862344
TA641		TYPE 2 SCANNER MOD80	0008550298	344401	.W. 0001862344
TA651		TYPE 2 SCANNER MOD80	0008550299	344401	.W. 0001862344
TA711		TYPE 2 SCANNER MOD80	0008550300	344401	.W. 0001862344
TA721		TYPE 2 SCANNER MOD80	0008550301	344401	.W. 0001862344
TA731		TYPE 2 SCANNER MOD80	0008550302	344401	.W. 0001862344
TA741		TYPE 2 SCANNER MOD80	0008550303	344401	.W. 0001862344
TA751		TYPE 2 SCANNER MOD80	0008550304	344401	.W. 0001862344
TA761		TYPE 2 SCANNER MOD80	0008550305	344401	.W. 0001862344
TA771		TYPE 2 SCANNER MOD80	0008550306	344401	.W. 0001862344
TA811		TYPE 2 SCANNER MOD80	0008550307	344401	.W. 0001862344
TA821		TYPE 2 SCANNER MOD80	0008550308	344401	.W. 0001862344
TA831		TYPE 2 SCANNER MOD80	0008550309	344401	.W. 0001862344
TA841		TYPE 2 SCANNER MOD80	0008550310	344401	.W. 0001862344
TA851		TYPE 2 SCANNER MOD80	0008550311	344401	.W. 0001862344
TA861		TYPE 2 SCANNER MOD80	0008550312	344401	.W. 0001862344
TA911		TYPE 2 SCANNER MOD80	0008550313	344401	.W. 0001862344
TA921		TYPE 2 SCANNER MOD80	0008550314	344401	.W. 0001862344
TA931		TYPE 2 SCANNER MOD80	0008550315	344401	.W. 0001862344
TA941		TYPE 2 SCANNER MOD80	0008550316	344401	.W. 0001862344
TB011		TYPE 2 SCANNER MOD80	0008550317	344401	.W. 0001862344
TB021		TYPE 2 SCANNER MOD80	0008550318	344401	.W. 0001862344
TB031		TYPE 2 SCANNER MOD80	0008550319	344401	.W. 0001862344
TB041		TYPE 2 SCANNER MOD80	0008550320	344401	.W. 0001862344
TB051		TYPE 2 SCANNER MOD80	0008550321	344401	.W. 0001862344
TB061		TYPE 2 SCANNER MOD80	0008550322	344401	.W. 0001862344
TB111		TYPE 2 SCANNER MOD80	0008550323	344401	.W. 0001862344
TB121		TYPE 2 SCANNER MOD80	0008550324	344401	.W. 0001862344
TB131		TYPE 2 SCANNER MOD80	0008550325	344401	.W. 0001862344
TB141		TYPE 2 SCANNER MOD80	0008550326	344401	.W. 0001862344
TB151		TYPE 2 SCANNER MOD80	0008550327	344828	.W. 0001862344
TB161		TYPE 2 SCANNER MOD80	0008550328	344401	.W. 0001862344
TB211		TYPE 2 SCANNER MOD80	0008550329	344401	.W. 0001862344
TB221		TYPE 2 SCANNER MOD80	0008550330	344401	.W. 0001862344
TB231		TYPE 2 SCANNER MOD80	0008550331	344401	.W. 0001862344
TB241		TYPE 2 SCANNER MOD80	0008550332	344401	.W. 0001862344
TB251		TYPE 2 SCANNER MOD80	0008550333	344401	.W. 0001862344

VOLUME 045 MACHINE 3705- -0080232 MODEL M81 SYSTEM 0002904 MODE BOX SHIP 81/12/11

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
TB411		TYPE 2 SCANNER MOD80	0008550334	344401	.W. 0001862344
TB412		TYPE 2 SCANNER MOD80	0008550335	344401	.W. 0001862344
TB413		TYPE 2 SCANNER MOD80	0008550336	344401	.W. 0001862344
TB414		TYPE 2 SCANNER MOD80	0008550337	344401	.W. 0001862344
TB421		TYPE 2 SCANNER MOD80	0008550338	344401	.W. 0001862344
TB431		TYPE 2 SCANNER MOD80	0008550339	344401	.W. 0001862344
TB501		TYPE 2 SCANNER MOD80	0008550340	344401	.W. 0001862344

TOTAL PART NUMBERS THIS VOLUME 91

N1 A13 TB412FD6
 B11 TA321EG2
 B13 TB413FD6
 C11 TA311FF2
 E11 TA361CC2

N2 QUAD CARD
 N3 8254602 CG04

N4
 N5

TA525 00 01
 TA531 05 06
 TA515 0A 0B
 TA525 0C 0D 0E 0F 0G 0H
 TA515 0J 0K 0L 0M 0N 0P
 TA525 0Q 0R 0S 0T 0U 0V 0W 0X 0Y 0Z
 TA515 10 11 12 13 18 19
 TA521 1A 1B 1C
 TA511 1D 1E 1F
 TA521 1G 1H
 TA531 1I 1N
 TA521 1R
 TA525 1S
 TA531 1T 1U
 TA521 1V
 TA525 1W
 TA531 1X
 TA511 1Y
 TA535 1Z 20
 TA515 21
 TA511 22
 TA515 23
 TA535 25 26
 TA511 2A 2B
 TA521 2C 2D 2E
 TA511 2F 2G 2H
 TA521 2J 2K 2Q 2R 2S 2T
 TA535 2U
 TA511 2V 2W 2X 2Y 33 34
 TA531 40 41 42 43 44 45

N6 CONNECTOR
 A02 TA021FJ4
 A04 TA021FC4
 B02 TA021BL4
 B04 TA021BE4
 C02 TA021DL4
 D04 TA021DE4
 E02 TA021FL4
 E04 TA021FE4

P1 CONNECTOR
 E11 TA081CK3
 E13 TA081CH1

P2 QUAD CARD
 P3 8235445 7611
 P4
 P5

TA121 00 01 02 03 04 05
 06 07
 TA131 08
 TA121 09 0A 0B 0C
 TA131 0D 0E
 TA121 0F 0G 0H
 TA131 0J
 TA121 0K 0L 0M
 TA131 0N
 TA121 0P 0Q
 TA131 0R
 TA121 0S
 TA131 0T
 TA141 0U
 TA131 0V 0W 0X 0Y 0Z 10
 11 12
 TA151 13
 TA131 14
 TA141 15
 TA131 16
 TA141 17 18 19 1A 1B 1C
 1D
 TA111 1E 1F 1G 1H 1J 1K
 1L 1M 1N 1P 1R 1S
 1T 1U 1V
 TA141 1W 1X 1Y 1Z 20
 TA121 22
 TA141 23
 TA151 24 25 26 27 28 29
 2A
 TA131 2B
 TA151 2C
 TA131 2D
 TA141 2E 2F 2G
 TA111 2H
 TA121 2J
 TA111 2K
 TA131 2L 2V

P6 CONNECTOR
 E02 TA031BC5
 E04 TA031BA1

Q1 CONNECTOR
 A11 TB414FD6
 B13 TA081CH3
 C11 TA081DN7
 C13 TA081CH5
 D11 TB241BM6
 D13 TA081CH7
 E11 TA081CK5

Q6 CONNECTOR
 A02 TA031BC7
 B04 TA031BA3
 C02 TA031BD2
 C04 TA031BA5
 D02 TA031BD4
 D04 TA031BA7
 E02 TA031BD6

R1 CONNECTOR
 A13 TA081CJ2
 B11 TA081CK7
 B13 TB411FG6
 C11 TA081CL2
 C13 TA081CJ4
 D11 TA081CL4
 E13 TA081CJ6

R6 CONNECTOR
 A04 TA031BE2
 B02 TA031BE1
 B04 TA031BB4
 C02 TA031BE3
 C04 TA031BB6
 D02 TA031BE5
 E04 TA031BC1

S1 CONNECTOR
 A11 TB241CM6
 A13 TA081CK1

S6 CONNECTOR
 A02 TA031BE7
 A04 TA031BC3

T1 CONNECTOR
 A13 TA631CF6
 B11 TA321EJ2
 C13 TA761DL6
 D11 TA331CC2
 D13 TA761DJ6
 E11 TA321EL2
 E13 TA761DE6

T2 DOUBLE CARD OSC0
 T3 XXXXXXX 2935

TB411 00 0P 0Q 0S 0U 0V
 0W 0X 0Y 0Z 10 13
 14

T4 DOUBLE CARD OSC1
 T5 XXXXXXX 2935

TB412 00 0P 0Q 0S 0U 0V
 0W 0X 0Y 0Z 10 13
 14

T6 CONNECTOR
 A02 TA031BK5
 A04 TA031BH1
 B02 TA031BK7
 C04 TA031BH3
 D02 TA031BL2
 D04 TA031BH5
 E02 TA031BL4
 E04 TA031BH7

U1 CONNECTOR
 A11 TA621DM2
 B13 TA761DC6
 C11 TA621DC2
 C13 TA761FC6
 D11 TA621DF2
 D13 TA311FL2
 E11 TA621DJ2

U2 DOUBLE CARD OSC2
 U3 XXXXXXX 2935

TB413 00 0P 0Q 0S 0U 0V
 0W 0X 0Y 0Z 10 13
 14

U4 DOUBLE CARD OSC3
 U5 XXXXXXX 2935

TB414 00 0P 0Q 0S 0U 0V
 0W 0X 0Y 0Z 10 13
 14

U6 CONNECTOR
 A02 TA031BL6
 B04 TA031BJ2
 C02 TA911001
 C04 TA031BJ4
 D02 TB141FH6
 D04 TA031BJ6
 E02 TA031BN5

V1 CONNECTOR
 A13 TA631DJ6
 B11 TA761DN6
 B13 TA631CM6

V2 SINGLE CARD
 5862885 N885

TB421 00 01 02 03 04 05
 06 07 08 09 0A 0B
 0C 0D 0E 0F 0H

V3 CONNECTOR
 B02 TA021BA4
 B04 TA021DA4
 B05 TA021FA4
 B06 TA021BC4
 B08 TA021DC4
 B09 TA021FC4
 B10 TA021BE4
 B12 TA021DE4
 B13 TA021FE4
 D02 TA021BG4
 D03 TA021DG4
 D05 TA021FG4
 D06 TA021BJ4
 D07 TA021DJ4
 D09 TA021FJ4
 D10 TA021BL4
 D11 TA021DL4
 D13 TA021FL4

V4 CONNECTOR
 B02 TA031BA1
 B04 TA031BA3
 B05 TA031BA5
 B06 TA031BA7
 B08 TA031BB2
 B09 TA031BB4
 B10 TA031BB6
 B12 TA031BC1
 B13 TA031BC3
 D02 TA031BC5
 D03 TA031BC7
 D05 TA031BD2
 D06 TA031BD4
 D07 TA031BD6
 D09 TA031BE1
 D10 TA031BE3
 D11 TA031BE5
 D13 TA031BE7

V5 CONNECTOR
 B02 TA031BH1
 B04 TA031BH3
 B05 TA031BH5
 B06 TA031BH7
 B08 TA031BJ2
 B09 TA031BJ4
 B10 TA031BJ6
 B12 TA031BK1
 B13 TA031BK3
 D02 TA031BK5
 D03 TA031BK7
 D05 TA031BL2
 D06 TA031BL4
 D07 TA031BL6
 D09 TA911FN6
 D10 TB141FH6
 D11 TA031BN5
 D13 TA031BN7

V6 CONNECTOR
 A04 TA031BK1
 B02 TA031BN7
 B04 TA031BK3

PLUG LIST				
PART NO	ACC	TYPE	SOCKETS	TOTAL
5862884	N884	A2		01
5862885	N885	V2		01
8211491	7614	K2		01
8218941	7621	C2		01
8218948	7612	H2		01
8231424	7616	L2		01
8233266	7619	M2		01
8235407	7617	M2		01
8235445	7611	P2		01
8236647	7613	E2		01
8239396	7618	F2		01
8250147	7620	G2		01
8251987	AB88	B2		01
8254602	CG04	J2	N2	02
	CONN	A1	A3 A4 A5	36
		B1	C1 D1 E1	
		F1	G1 H1 J1	
		K1	L1 L6 M1	
		M6	N1 N6 P1	
		P6	Q1 Q6 R1	
		R6	S1 S6 T1	
		T6	U1 U6 V1	
		V3	V4 V5 V6	
XXXXXXX	OSC0	2935	T2	01
XXXXXXX	OSC1	2935	T4	01
XXXXXXX	OSC2	2935	U2	01
XXXXXXX	OSC3	2935	U4	01

SOCKET LISTING
 DATE 12-01-80 MACH. 3705
 LOG 982 BOARD 01A-A3
 PREV. ENGR. - -
 PRES. ENGR. 11-25-80 344401
 P.N. 8550250
 IEM CORP. SDD BLK.

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8550253 B

CSB - LIB CABLE 2 INTERFACE

A3 BOARD				A2 BOARD		A1 BOARD		
FROM	CSB EXIT	LINE NAME	ENTRY	LIB A	EXIT	ENTRY	LIB B	EXIT
TA081EE1	F1B13	+XMIT OSC 0	F6B04		F1B13	F6B04		F1B13
TA081EE3	E1A11	+RECEIVE OSC 3	E6A02		E1A11	E6A02		E1A11
TA081EF7	E1C11	BOARD GROUND	E6C02		E1C11	E6C02		E1C11
TA081EE5	E1D11	+BCC SEL 1	E6D02		E1D11	D6D02		E1D11
TA081EE7	G1A11	+BCC SEL 2	G6A02		G1A11	G6A02		G1A11

LIB - CSB CABLE INTERFACE

A1 BOARD			A2 BOARD			A3 BOARD		
ENTRY	LIB B	EXIT	ENTRY	LIB A	EXIT	LINE NAME	CSB ENTRY	TO
D1E13		D6E04	D1E13		D6E04	+BCC A L.S. PARITY ERROR	D1E13	TA081
F1E13		F6E04	F1E13		F6E04	+BCC B L.S. PARITY ERROR	F1E13	TA081
G1A13		G6A04	G1A13		G6A04	ALWAYS -4V	G1A13	TA081
D1E11		D6E02	D1E11		D6E02	ALWAYS -4V	D1E11	TA081
E1B13		E6B04	E1B13		E6B04	+CSB DATA IN 1	E1B13	TA081
E1C13		E6C04	E1C13		E6C04	+CSB DATA IN 2	E1C13	TA081
E1D13		E6D04	E1D13		E6D04	+CSB DATA IN 3	E1D13	TA081
F1A13		F6A04	F1A13		F6A04	+LIB SELECT ERROR	F1A13	TA081
F1C13		F6C04	F1C13		F6C04	UNUSED	F1C13	
E1E11		E6E02	E1E11		E6E02	+CSB DATA IN 7	E1E11	TA081
F1B11		F6B02	F1B11		F6B02	+CSB DATA IN 4	F1B11	TA081
F1C11		F6C02	F1C11		F6C02	+CSB DATA IN 5	F1C11	TA081
F1D11		F6D02	F1D11		F6D02	+CSB DATA IN 6	F1D11	TA081

SEE VA022 FOR LIB LOGIC

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NAME	CSB - LIB CABLE 2			DATE	NOV80	CHANGE NO	344A01	DATE		CHANGE NO	
DESIGN	DEL	NOV80	SHIT	OF							
DETAIL	RTS	NOV80									
CHECK											
APPRO											
				DATE	FEB82	CHANGE NO	344B36	DATE		CHANGE NO	
				CLASSIFICATION				LOGIC PG NO	TA002		
				MUST CONFORM TO ENG SPEC		DEVELOPMENT NO					

PART NO 8550253 LOGIC PG NO TA002

8550253 B

8550254

B

CSB - LIB CABLE 3 INTERFACE

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IBM

NAME CSB-LIB CABLE 3

DATE

CHANGE NO

DATE

CHANGE NO

NOV80

344401

OCT 81

344866

FEB82

344836

DESIGN DEL NOV80

DETAIL RTS NOV80

CHECK

APPRO

CLASSIFICATION

MUST CONFORM TO ENG SPEC

DEVELOPMENT NO

LOGIC PG NO

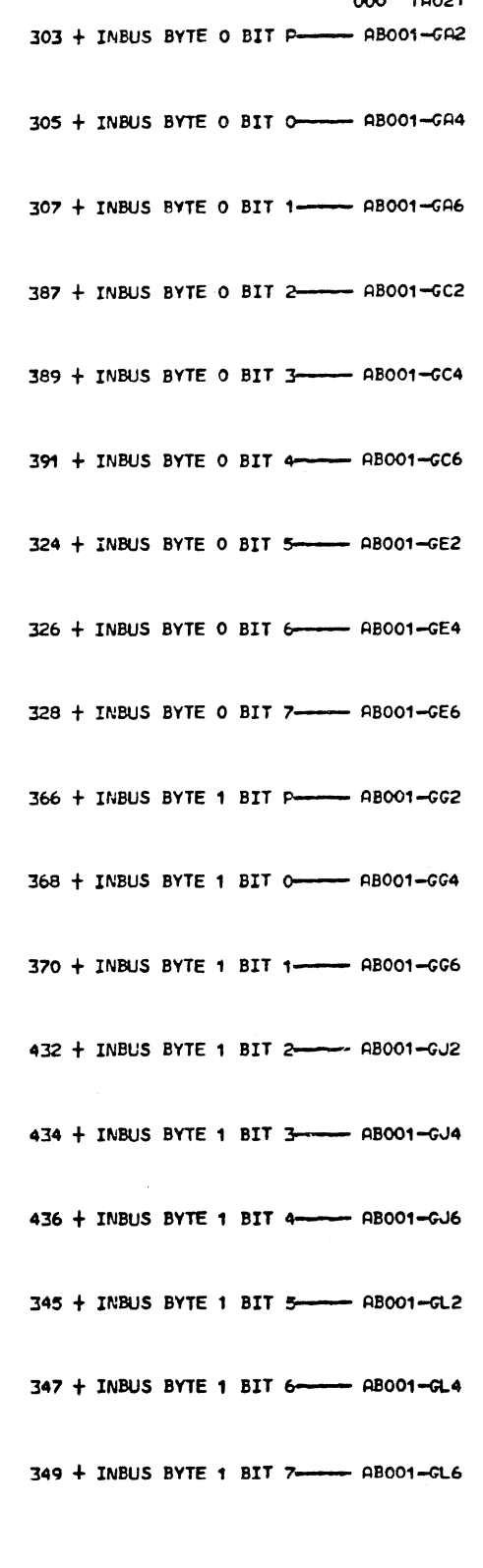
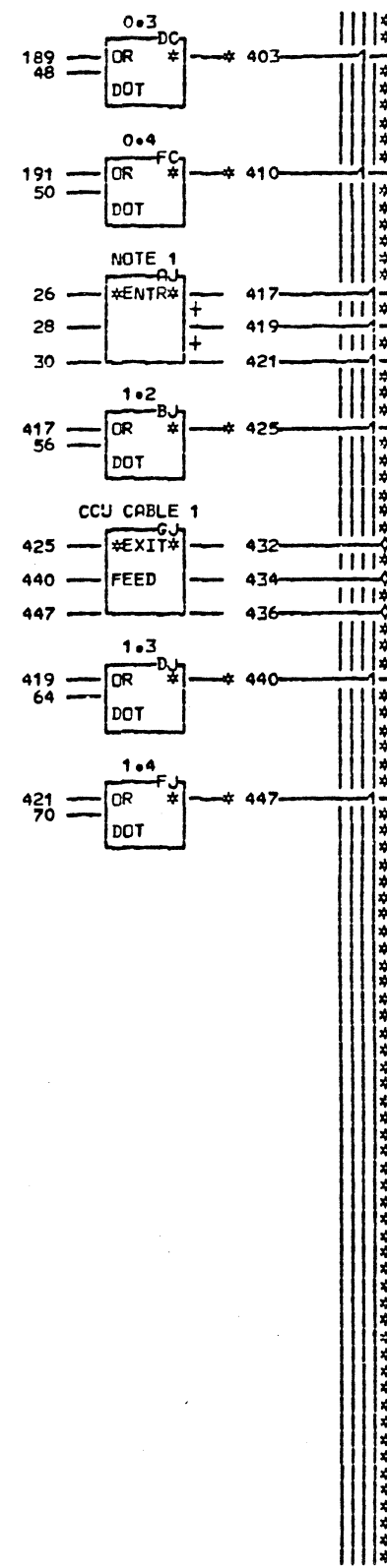
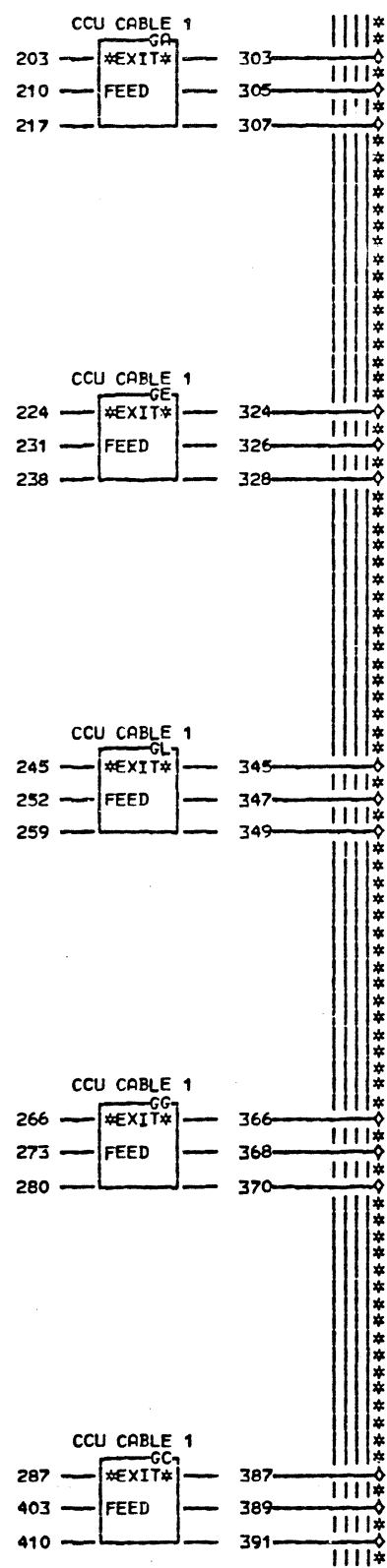
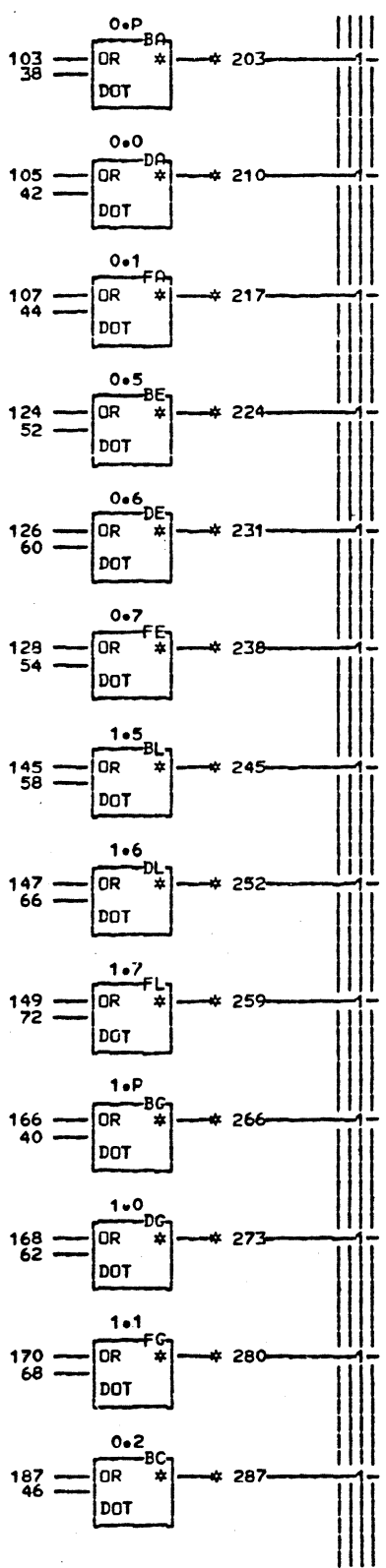
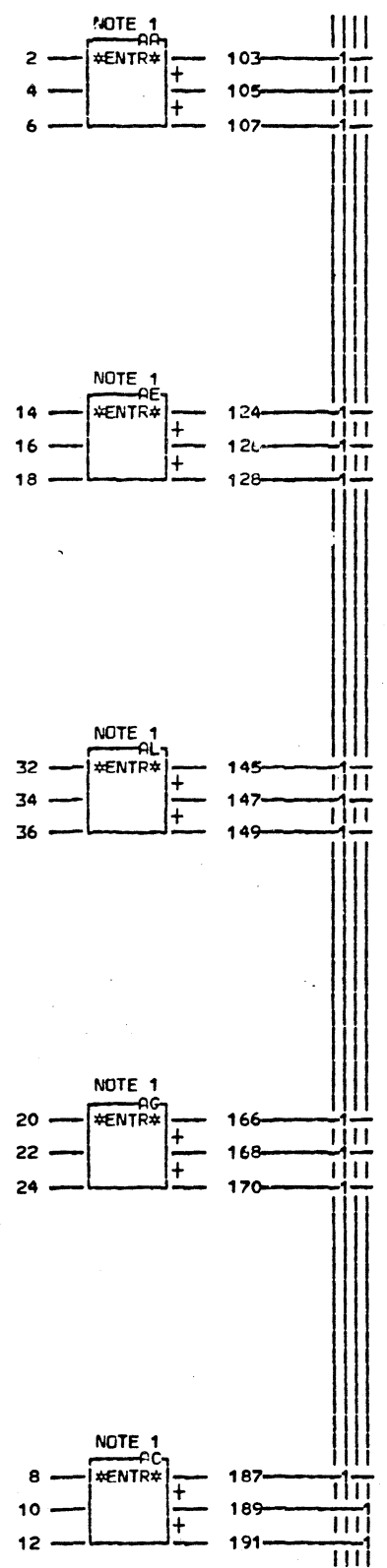
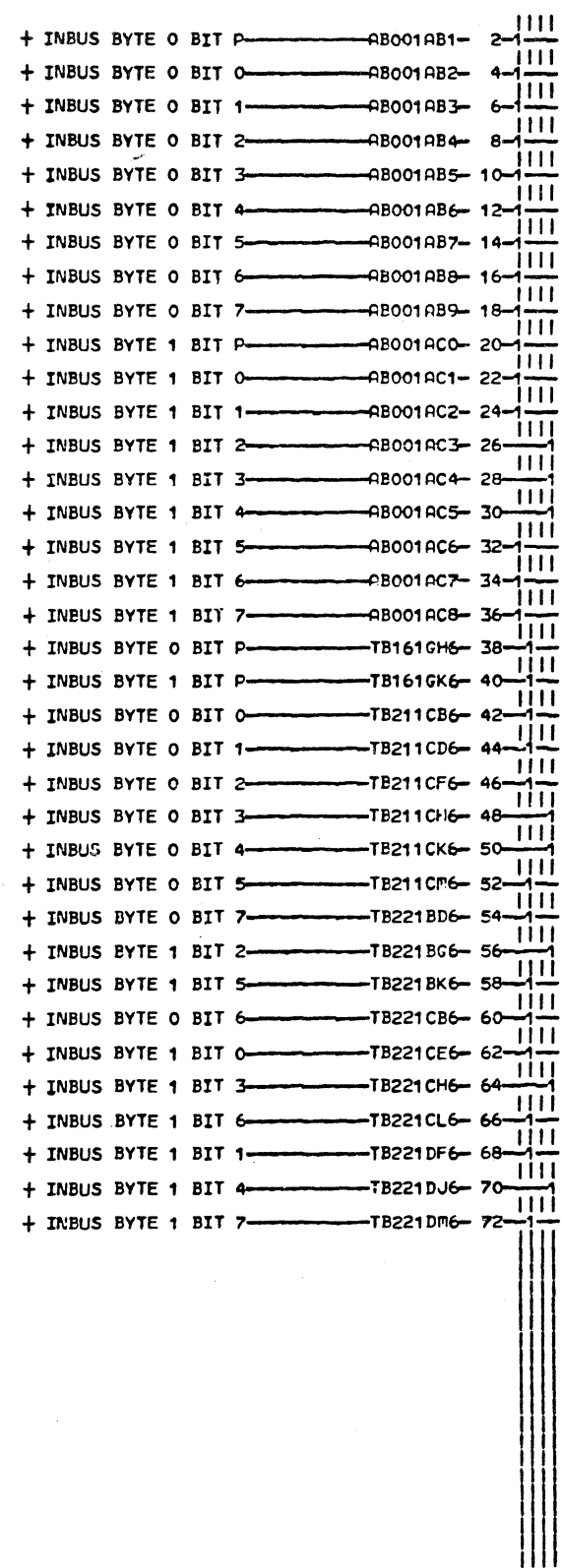
TA003

B

8550254

FROM	CSB EXIT	A3 BOARD LINE NAME	ENTRY	A2 BOARD LIB A	EXIT	ENTRY	A1 BOARD LIB B	EXIT
TA091EA1	H1A13	-LIB SELECT A	H6A04	SEE VA021 FOR LIB LOGIC	H1A13	H6A04		H1A13
TA091EC1	K1A13	-LIB SELECT B	K6A04		K1A13	K6A04		K1A13
TA091EC3	K1B13	UNUSED	K6B04		K1B13	K6B04		K1B13
TA091EC5	H1A11	UNUSED	H6A02		H1A11	H6A02		H1A11
TA091EA3	H1C13	-CSB DATA OUT 2	H6C04		H1C13	H6C04		H1C13
TA091EA5	H1D13	-CSB DATA OUT 3	H6D04		H1D13	H6D04		H1D13
TA091EA7	H1E13	-CSB DATA OUT 4	H6E04		H1E13	H6E04		H1E13
TA091EB2	J1B13	-CSB DATA OUT 5	J6B04		J1B13	J6B04		J1B13
TA091EB4	J1C13	-CSB DATA OUT 6	J6C04		J1C13	J6C04		J1C13
TA091EB6	J1D13	-CSB DATA OUT 7	J6D04		J1D13	J6D04		J1D13
TA091EC7	H1B11	+CONTROL IN A	H6B02		H1B11	H6B02		H1B11
TA091ED2	H1D11	+CONTROL IN B	H6D02		H1D11	H6D02		H1D11
TA091ED4	H1E11	+CONTROL IN C	H6E02		H1E11	H6E02		H1E11
TA091ED6	J1A11	-ADDRESS SELECT 8	J6A02		J1A11	J6A02		J1A11
TA091EE1	J1C11	-ADDRESS SELECT 1	J6C02		J1C11	J6C02		J1C11
TA091EE3	J1D11	-ADDRESS SELECT 2	J6D02		J1D11	J6D02		J1D11
TA091EE5	J1E11	-ADDRESS SELECT 4	J6E02	J1E11	J6E02	J1E11		
TA091EE7	K1B11	-CSB DATA OUT 1	K6B02	K1B11	K6B02	K1B11		

PART NO 8550254 LOGIC PG NO TA003



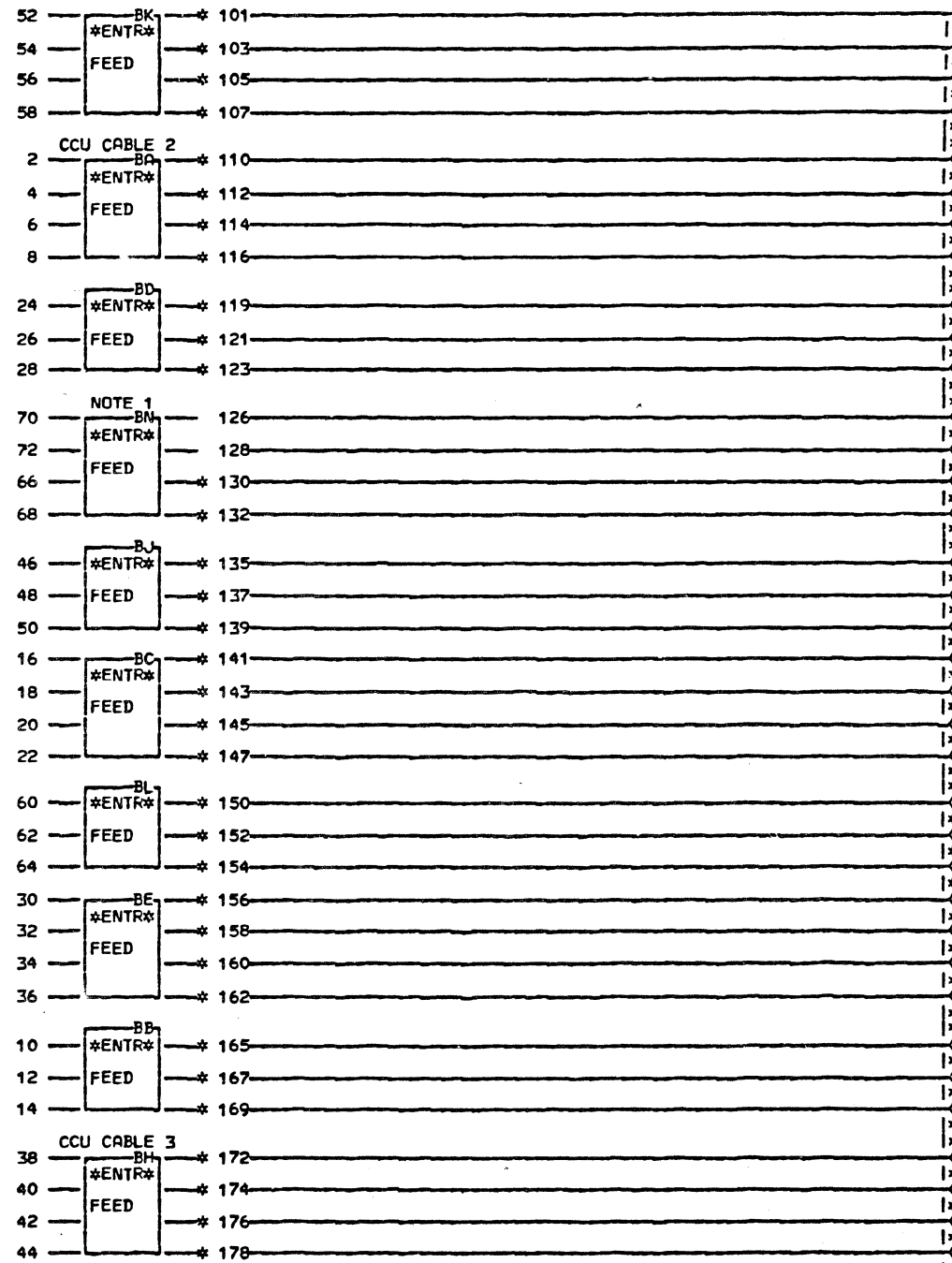
NOTE 1. THESE SIGNALS ENTER FROM THE 01A-A4 BOARD.

EDGE CONN.	01A-A3N6D04	01A-A3L6D02	01A-A3N6A04
203	A-A3V3B02	238 A-A3V3B13	273 A-A3V3D03
01A-A3L6D04	01A-A3N6E04	01A-A3L6E02	01A-A3M6C02
210	A-A3V3B04	245 A-A3V3D10	280 A-A3V3D05
01A-A3M6A04	01A-A3N6B02	01A-A3M6B02	440 A-A3V3D07
217	A-A3V3B05	252 A-A3V3D11	287 A-A3V3B06
01A-A3M6B04	01A-A3N6C02	01A-A3M6C04	447 A-A3V3D09
224	A-A3V3B10	259 A-A3V3D13	403 A-A3V3B08
01A-A3M6B04	01A-A3N6E02	01A-A3M6E04	01A-A3N6A02
231	A-A3V3B12	266 A-A3V3D02	410 A-A3V3B09

LOC. TYPE

INBUS TO CCU OR PREVIOUS ADAPTER. CABLE 1	
E.C. HISTORY	E-MACH. 3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP. SDD TA021
	P.N. 8550255 000

+ OUTBUS BIT 0.P — AB002AB1 — 2
 + OUTBUS BIT 0.0 — AB002AB2 — 4
 + OUTBUS BIT 0.1 — AB002AB3 — 6
 + OUTBUS BIT 0.2 — AB002AB4 — 8
 + OUTBUS BIT 0.3 — AB002AB5 — 10
 + OUTBUS BIT 0.4 — AB002AB6 — 12
 + OUTBUS BIT 0.5 — AB002AB7 — 14
 + OUTBUS BIT 0.6 — AB002AB8 — 16
 + OUTBUS BIT 0.7 — AB002AB9 — 18
 + OUTBUS BIT 1.P — AB002AC0 — 20
 + OUTBUS BIT 1.0 — AB002AC1 — 22
 + OUTBUS BIT 1.1 — AB002AC2 — 24
 + OUTBUS BIT 1.2 — AB002AC3 — 26
 + OUTBUS BIT 1.3 — AB002AC4 — 28
 + OUTBUS BIT 1.4 — AB002AC5 — 30
 + OUTBUS BIT 1.5 — AB002AC6 — 32
 + OUTBUS BIT 1.6 — AB002AC7 — 34
 + OUTBUS BIT 1.7 — AB002AC8 — 36
 + I-O REG ADDR BIT 0 — AB003AB1 — 38
 + I-O REG ADDR BIT 1 — AB003AB2 — 40
 + I-O REG ADDR BIT 2 — AB003AB3 — 42
 + I-O REG ADDR BIT 3 — AB003AB4 — 44
 + I-O REG ADDR BIT 4 — AB003AB5 — 46
 + I-O REG ADDR BIT 5 — AB003AB6 — 48
 + I-O REG ADDR BIT 6 — AB003AB7 — 50
 + I-O REG ADDR BIT 7 — AB003AB8 — 52
 + I-O REG ADDR BIT P — AB003AB9 — 54
 + SAMPLE OUTPUT DATA ON OUTBUS — AB003AC0 — 56
 + GATE INPUT DATA ON INBUS — AB003AC1 — 58
 + GATE INPUT 76 — AB003AC2 — 60
 + GATE INPUT 77 — AB003AC3 — 62
 + RESET — AB003AC4 — 64
 + BID PROGRAM LEVEL 2 — AB003AC7 — 66
 + BID PROGRAM LEVEL 3 — AB003AC8 — 68
 + ADAPTER I-O DECODED EXIT — TA911FN6 — 70
 + ERROR SET LEVEL 1 INTERRUPT — TB141FH6 — 72



000 TA031

110 + OUTBUS 0.P — TB031-BA1
 112 + OUTBUS 0.0 — TB051-BA3
 114 + OUTBUS 0.1 — TB051-BA5
 116 + OUTBUS 0.2 — TB051-BA7
 165 + OUTBUS 0.3 — TB051-BB2
 167 + OUTBUS 0.4 — TB051-BB4
 169 + OUTBUS 0.5 — TB051-BB6
 141 + OUTBUS 0.6 — TB031-BC1
 143 + OUTBUS 0.7 — TB031-BC3
 145 + OUTBUS 1.P — TB031-BC5
 147 + OUTBUS 1.0 — TB031-BC7
 119 + OUTBUS 1.1 — TB031-BD2
 121 + OUTBUS 1.2 — TB031-BD4
 123 + OUTBUS 1.3 — TB041-BD6
 156 + OUTBUS 1.4 — TB041-BE1
 158 + OUTBUS 1.5 — TB041-BE3
 160 + OUTBUS 1.6 — TB041-BE5
 162 + OUTBUS 1.7 — TB041-BE7
 172 + I-O REG ADDR BIT 0 — TA911-BH1
 174 + I-O REG ADDR BIT 1 — TA911-BH3
 176 + I-O REG ADDR BIT 2 — TA911-BH5
 178 + I-O REG ADDR BIT 3 — TA911-BH7
 135 + I-O REG ADDR BIT 4 — TA911-BJ2
 137 + I-O REG ADDR BIT 5 — TA911-BJ4
 139 + I-O REG ADDR BIT 6 — TA911-BJ6
 101 + I-O REG ADDR BIT 7 — TA911-BK1
 103 + I-O REG ADDR BIT P — TA911-BK3
 105 + SAMPLE OUTPUT DATA — BK5
 ↳ TA911 ↳ TA921
 107 + GATE INPUT DATA ON INBUS — BK7
 ↳ TA911
 150 - GTE 1ST TEST POINTS ON INBUS — BL2
 ↳ TB151
 152 - GTE 2ND TEST POINTS ON INBUS — BL4
 ↳ AB003
 154 + RESET — TA921-BL6
 126 + ADAPTER I-O ADDRESS DECODED — BN1
 ↳ AB003
 128 + BID PROGRAM LEVEL 1 — AB003-BN3
 130 + BID PROGRAM LEVEL 2 — AB003-BN5
 132 + BID PROGRAM LEVEL 3 — AB003-BN7

EDGE CONN.	01A-A3Q6B04	01A-A3U6E02	01A-A3S6A04	01A-A3R6B02	01A-A3R6C04
101 A-A3V5B12	114 A-A3V4B05	132 A-A3V5D13	145 A-A3V4D02	158 A-A3V4D10	172 A-A3V5B02
01A-A3V6A04	01A-A3Q6C04	01A-A3V6B02	01A-A3P6E02	01A-A3R6C02	01A-A3T6A04
103 A-A3V5B13	116 A-A3V4B06	135 A-A3V5B08	147 A-A3V4D03	160 A-A3V4D11	174 A-A3V5B04
01A-A3V6B04	01A-A3Q6D04	01A-A3U6B04	01A-A3Q6A02	01A-A3R6D02	01A-A3T6C04
105 A-A3V5D02	119 A-A3V4D05	137 A-A3V5B09	150 A-A3V5D05	162 A-A3V4D13	176 A-A3V5B05
01A-A3T6A02	01A-A3Q6C02	01A-A3U6C04	01A-A3T6D02	01A-A3S6A02	01A-A3T6D04
107 A-A3V5D03	121 A-A3V4D06	139 A-A3V5B10	152 A-A3V5D06	165 A-A3V4B08	178 A-A3V5B06
01A-A3T6B02	01A-A3Q6D02	01A-A3U6D04	01A-A3T6E02	01A-A3R6A04	01A-A3T6E04
110 A-A3V4B02	123 A-A3V4D07	141 A-A3V4B12	154 A-A3V5D07	167 A-A3V4B09	
C1A-A3P6E04	01A-A3Q6E02	01A-A3R6E04	01A-A3U6A02	01A-A3R6B04	
112 A-A3V4B04	130 A-A3V5D11	143 A-A3V4B13	156 A-A3V4D09	169 A-A3V4B10	

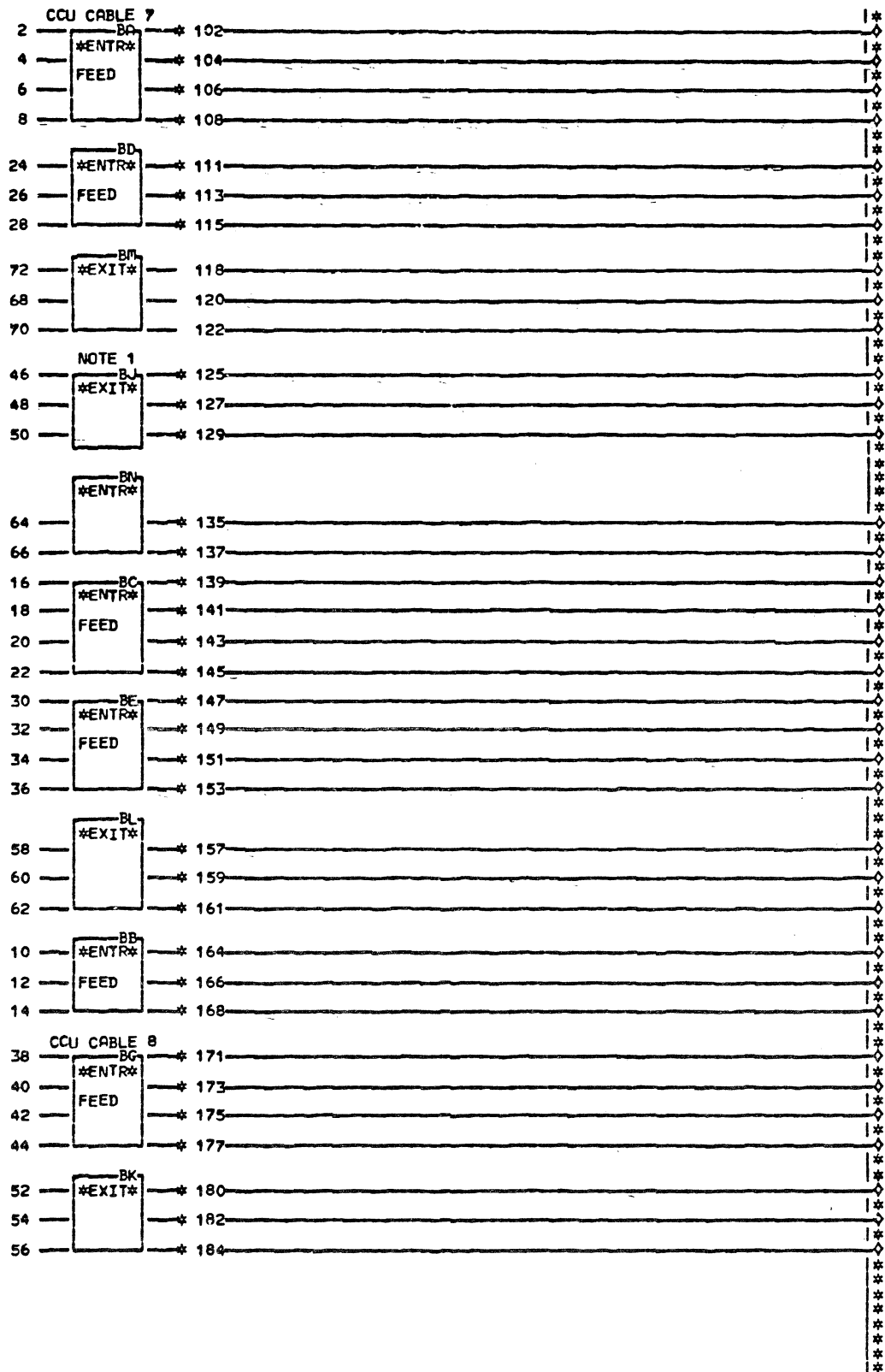
NOTE 1. INBOUND SIGNALS TO CCU.

LOC. TYPE

TA031
000

OUTBUS AND I-O REG FROM CCU OR PREVIOUS ADAPTER. CABLES 2-3	
E.C.-HISTORY	E. MACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP. SDD	TA031
P.N. 8550256	000

+ LINE ADBUS BIT 0 — AB007AB1 — 2
 + LINE ADBUS BIT 1 — AB007AB2 — 4
 + LINE ADBUS BIT 2 — AB007AB3 — 6
 + LINE ADBUS BIT 3 — AB007AB4 — 8
 + LINE ADBUS BIT 4 — AB007AB5 — 10
 + LINE ADBUS BIT 5 — AB007AB6 — 12
 + LINE ADBUS BIT 6 — AB007AB7 — 14
 + LINE ADBUS BIT 7 — AB007AB8 — 16
 + LINE ADBUS BIT 8 — AB007AB9 — 18
 + LINE ADBUS BIT 9 — AB007AC0 — 20
 + LINE ADBUS BIT P — AB007AC1 — 22
 - SYNC CSB CLOCKS — AB007AC2 — 24
 - FETCH BUFFER — AB007AC3 — 26
 + T2 OR T3 TIME TO SCANNER — AB007AC4 — 28
 + T3 OR T0 TIME TO SCANNER — AB007AC5 — 30
 - PRI REG 00 AVAILABLE — AB007AC6 — 32
 - PRI REG 01 AVAILABLE — AB007AC7 — 34
 - PRI REG 02 AVAILABLE — AB007AC8 — 36
 - IDENTIFY CSB — AB008AB1 — 38
 BOARD GROUND ONE — AB008AB2 — 40
 BOARD GROUND TWO — AB008AB3 — 42
 BOARD GROUND THREE — AB008AB4 — 44
 - FLOAT ONE — AB008AB5 — 46
 - FLOAT TWO — AB008AB6 — 48
 - FLOAT THREE — AB008AB7 — 50
 - FLOAT FOUR — AB008AB8 — 52
 - FLOAT FIVE — AB008AB9 — 54
 - FLOAT SIX — AB008AC0 — 56
 - FLOAT SEVEN — AB008AC1 — 58
 - FLOAT EIGHT — AB008AC2 — 60
 - FLOAT NINE — AB008AC3 — 62
 - PRI REG 03 AVAILABLE — AB008AC4 — 64
 - PRI REG AVAILABLE PARITY — AB008AC5 — 66
 + CSB BIT 0 — TA611BF2 — 68
 + CSB BIT 1 — TA611BH2 — 70
 + CSB WANTS A PRI REG — TA611EC2 — 72



000 TA041

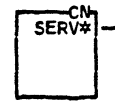
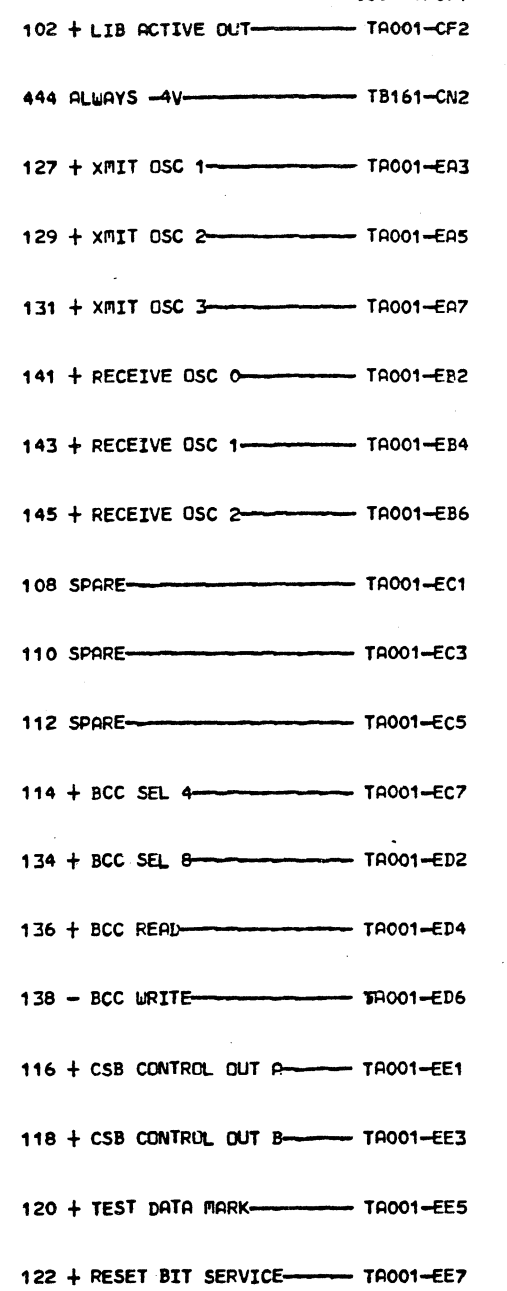
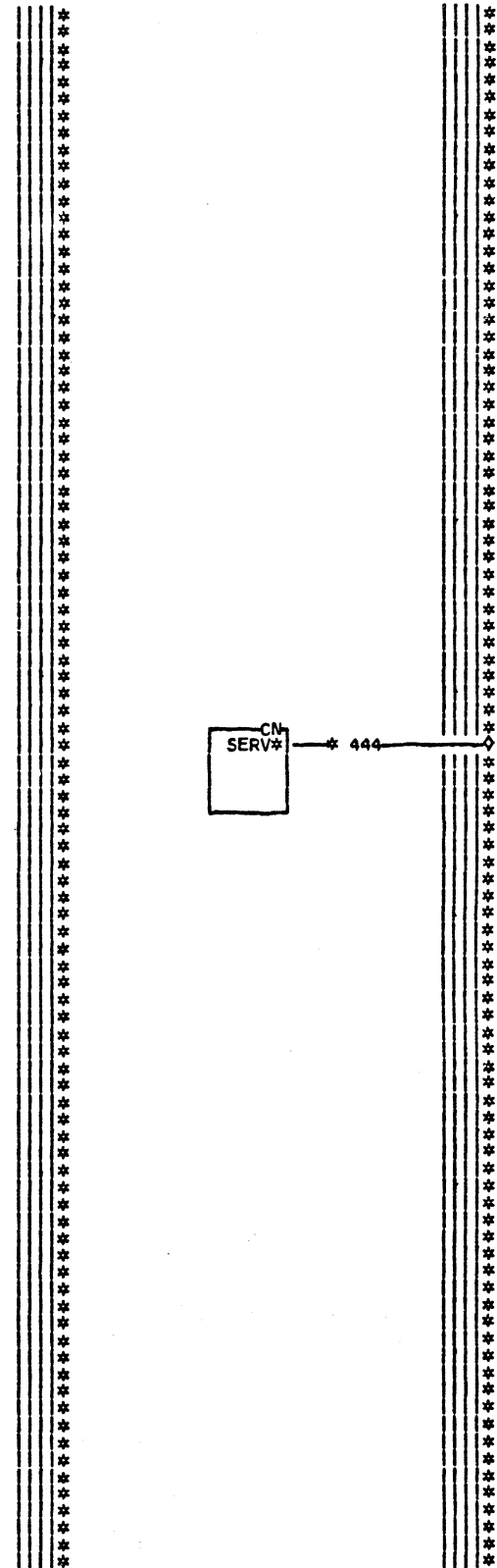
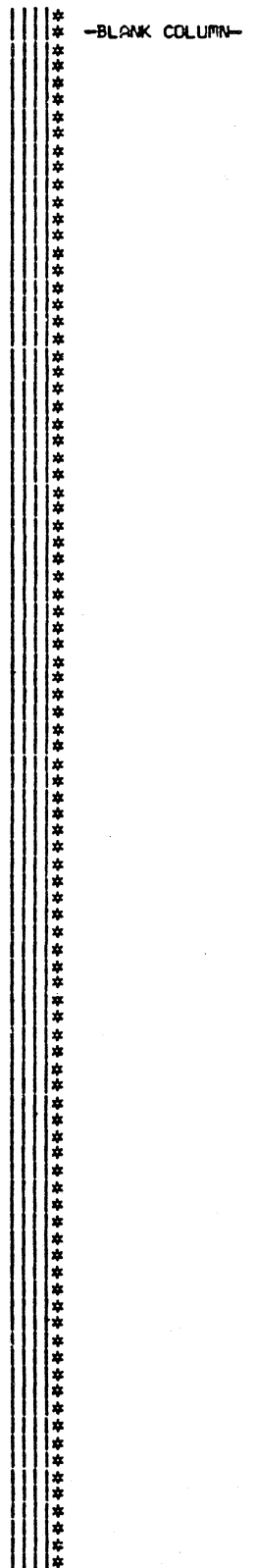
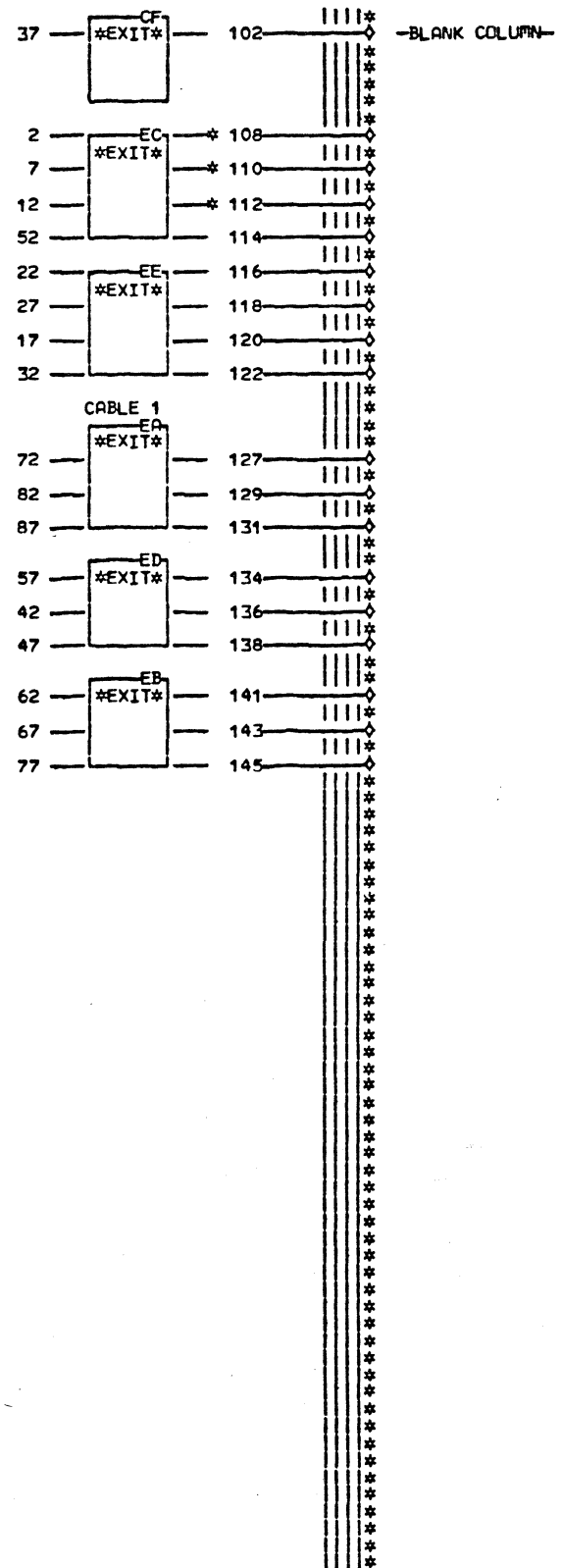
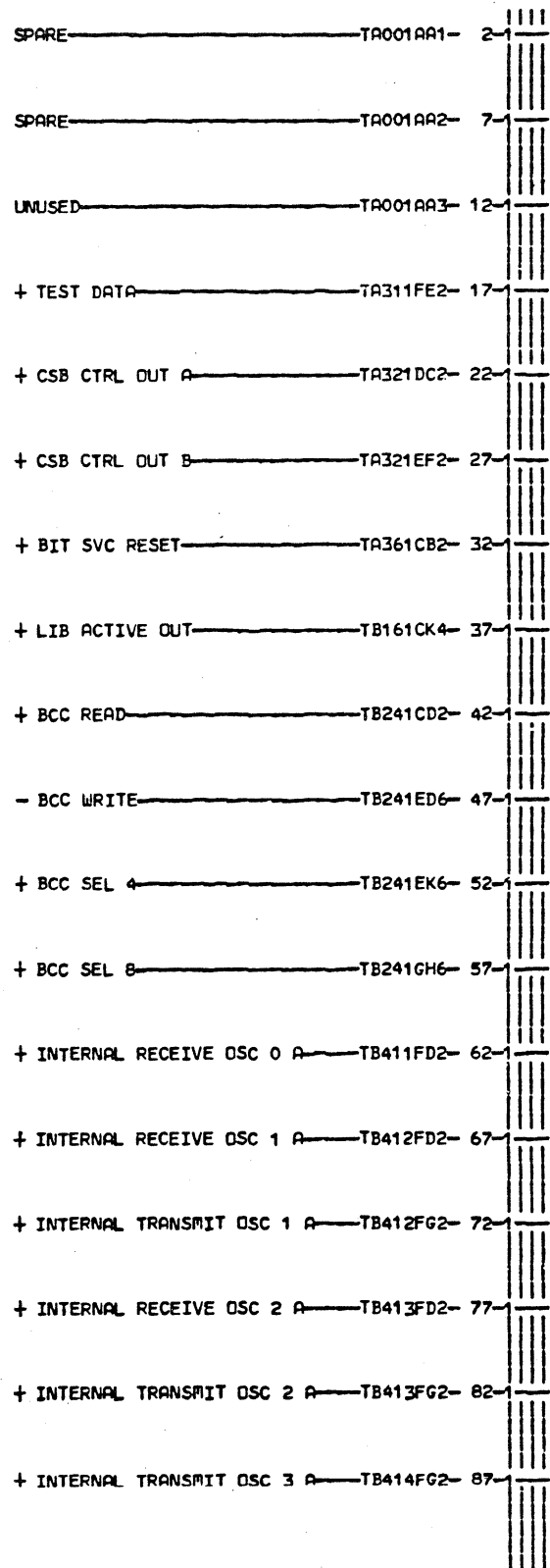
102 + CSB SELECT 0 — BA1
 LTA911 LTB431
 104 + CSB SELECT 1 — TA911-BA3
 106 + A OR B OR C — BA5
 LTA631 LTB431
 108 + A OR D — BA7
 LTA631 LTB431
 164 + B OR E — BB2
 LTA631 LTB431
 166 + C OR F — BB4
 LTA631 LTB431
 168 + LINE SELECT 0 — BB6
 LTA621 LTB431
 139 + LINE SELECT 4 — BC1
 LTA621 LTB431
 141 + LINE SELECT 2 — BC3
 LTA621 LTB431
 143 + LINE SELECT 1 — BC5
 LTA621 LTB431
 145 + LINE ADBUS BIT P — BC7
 LTA651 LTB431
 111 - SYNC CSB CLOCKS — BD2
 LTA941 LTB431
 113 - FETCH BUFFER — BD4
 LTA451 LTA921 LTB431
 115 + T2 OR T3 TIME — BD6
 LTA931 LTB431
 147 + T3 OR T0 TIME — BE1
 LTA931 LTB431
 149 - PRI REG 00 AVAILABLE — TA611-BE3
 151 - PRI REG 01 AVAILABLE — TA611-BE5
 153 - PRI REG 02 AVAILABLE — TA611-BE7
 171 - IDENTIFY CSB — TB151-BG1
 173 BOARD GROUND ONE — TB151-BG3
 175 BOARD GROUND TWO — TB151-BG5
 177 BOARD GROUND THREE — TB151-BG7
 125 - FLOAT ONE — AB008-BJ1
 127 - FLOAT TWO — AB008-BJ3
 129 - FLOAT THREE — AB008-BJ5
 180 - FLOAT FOUR — AB008-BK2
 182 - FLOAT FIVE — AB008-BK4
 184 - FLOAT SIX — AB008-BK6
 157 - FLOAT SEVEN — ABC08-BL3
 159 - FLOAT EIGHT — ABC08-BL5
 161 - FLOAT NINE — ABC08-BL7
 118 + CSB WANTS A PRI REG — ABC08-BM2
 120 + CSB TO COMMON BIT A — ABC08-BM4
 122 + CSB TO COMMON BIT B — ABC08-BM6
 135 - PRI REG 03 AVAILABLE — TA611-BN4
 137 - PRI REG AVAILABLE PARITY — BN6
 LTA611

EDGE CONN.	127	A-A3A5B10	147	A-A3A4D09	164	A-A3A4B08	01A-A3A3B02
102	A-A3A4B02	01A-A3A3B09	149	A-A3A4D10	166	A-A3A4B09	180 A-A3A5D02
104	A-A3A4B04	129 A-A3A5B12	151	A-A3A4D11	168	A-A3A4B10	01A-A3A3B13
106	A-A3A4B05	01A-A3A3B10	153	A-A3A4D13	171	A-A3A5B02	182 A-A3A5D03
108	A-A3A4B06	135 A-A3A5D11	157	A-A3A5D07	01A-A3A3B04	01A-A3A3D02	
111	A-A3A4D05	137 A-A3A5D13	01A-A3A3D06	173	A-A3A5B04	184 A-A3A5D05	
113	A-A3A4D06	139 A-A3A4B12	159	A-A3A5D09	01A-A3A3B05	01A-A3A3D03	
115	A-A3A4D07	141 A-A3A4B13	01A-A3A3D07	175	A-A3A5B05		
125	A-A3A5B09	143 A-A3A4D02	161	A-A3A5D10	01A-A3A3B06		
01A-A3A3B08	145 A-A3A4D03	01A-A3A3D09	177	A-A3A5B06			

LOC. TYPE

CABLES 7-8 ENTRY FROM CCU	
E.C.—HISTORY—	E1 MACH. 3705
344401	FRAME 01
DATE LAST EC	IBM CORP. SDD TA041
06-02-81 344828	P.No. 8550257 000

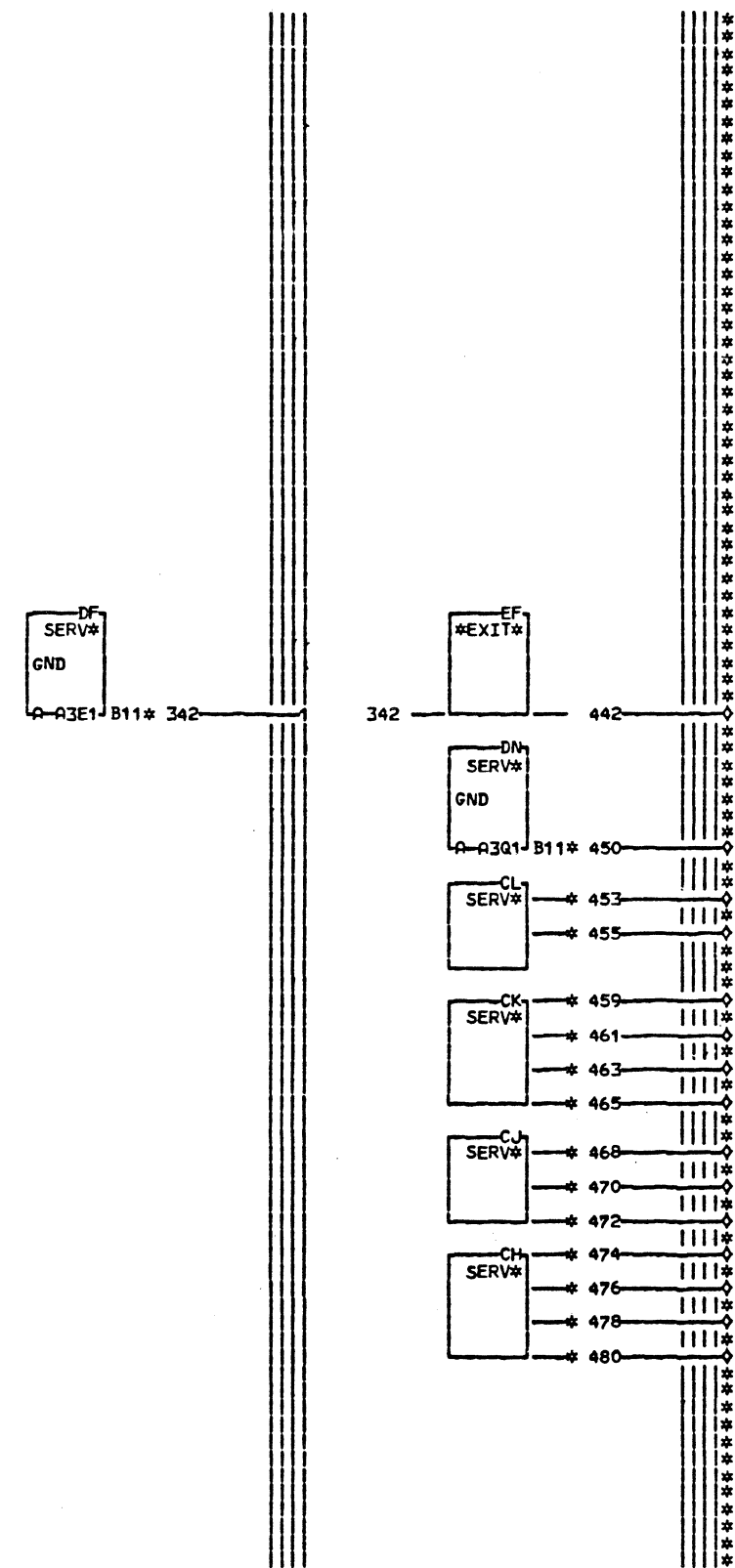
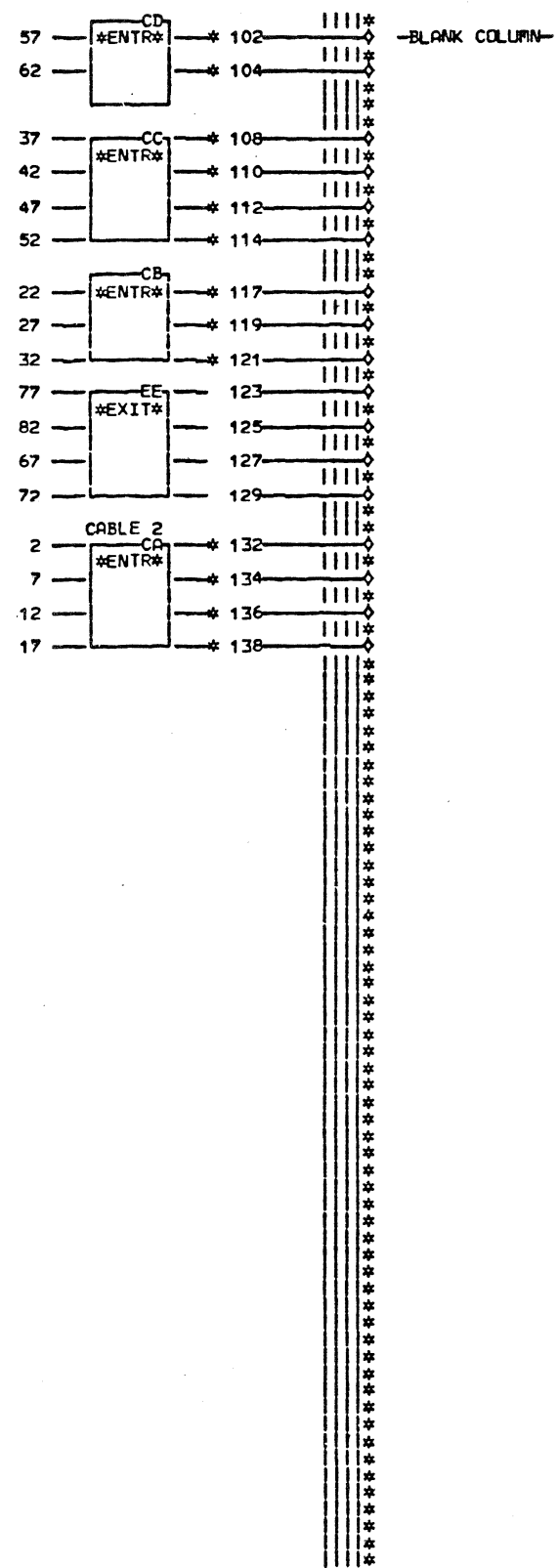
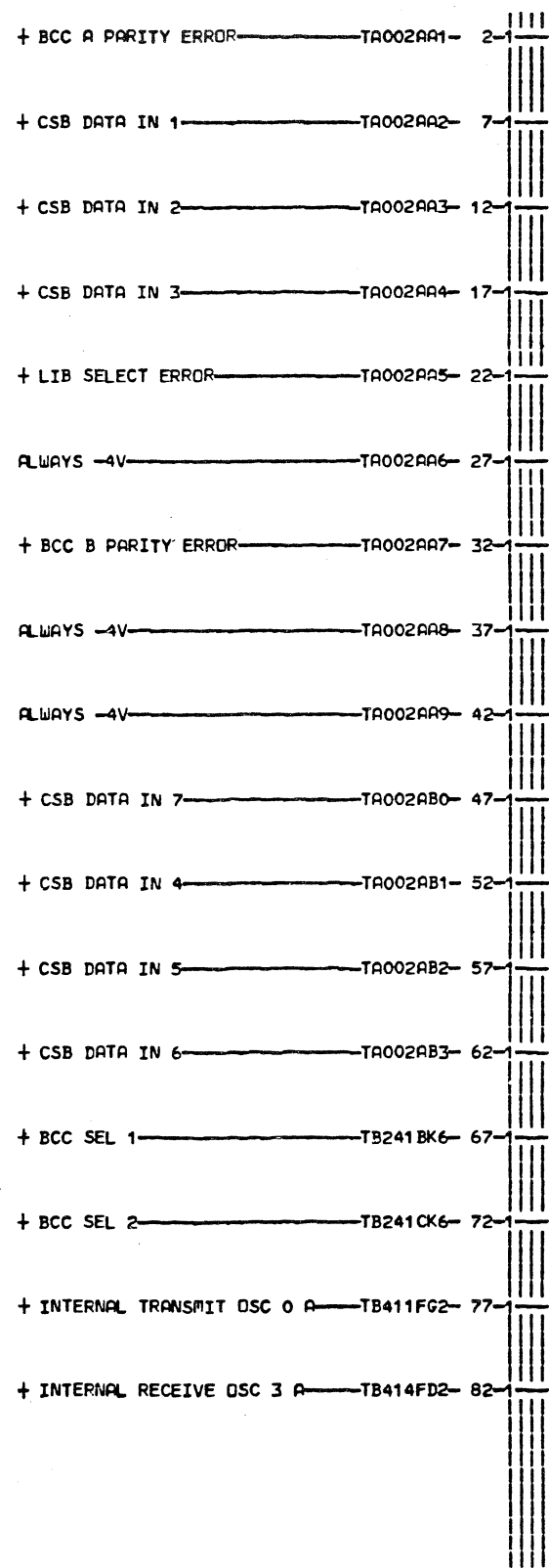
TA041
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EDGE CONN.
 108 A-A3C1D13
 110 A-A3C1E13
 112 A-A3A1D11
 444 A-A3L1D13

LOC. TYPE

CSB TO LIB CABLE 1
 -E.C.-HISTORY- E-MACH.3705
 FRAME 01
 IBM CORP.SDD TA071
 DATE LAST EC P.N. 8550258 000
 11-25-80 344401



000 TA081

132 + BCC A L.S. PARITY ERROR	TB121-CA1
134 + CSB DATA IN 1	TA341-CA3
136 + CSB DATA IN 2	TA341-CA5
138 + CSB DATA IN 3	TA341-CA7
117 + LIB SELECT ERROR	TB131-CB2
119 ALWAYS -4V	TB161-CB4
121 + BCC B L.S. PARITY ERROR	TB121-CB6
108 ALWAYS -4V	TB121-CC1
110 ALWAYS -4V	TB161-CC3
112 + CSB DATA IN 7	TA351-CC5
114 + CSB DATA IN 4	TA351-CC7
102 + CSB DATA IN 5	TA351-CD2
104 + CSB DATA IN 6	TA351-CD4
474 ALWAYS -4V	TB121-CH1
476 ALWAYS -4V	TA341-CH3
478 ALWAYS -4V	TA341-CH5
480 ALWAYS -4V	TA341-CH7
468 ALWAYS -4V	TB131-CJ2
470 ALWAYS -4V	TB161-CJ4
472 ALWAYS -4V	TB121-CJ6
459 ALWAYS -4V	TB121-CK1
461 ALWAYS -4V	TB161-CK3
463 ALWAYS -4V	TA351-CK5
465 ALWAYS -4V	TA351-CK7
453 ALWAYS -4V	TA351-CL2
455 ALWAYS -4V	TA351-CL4
450 BOARD GROUND	DN7
123 + XMIT OSC 0	TA002-EE1
125 + RECEIVE OSC 3	TA002-EE3
127 + BCC SEL 1	TA002-EE5
129 + BCC SEL 2	TA002-EE7
442 BOARD GROUND	TA002-EF7

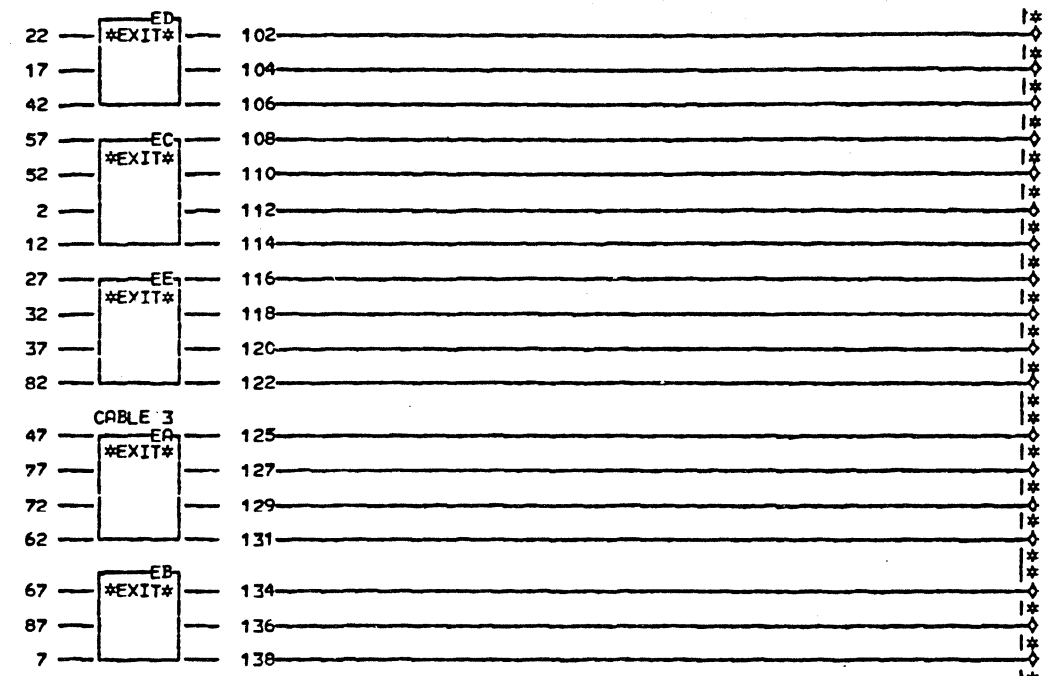
EDGE CONN.	132	A-A3D1E13	463	D-A3Q1E11	
102	A-A3F1C11	134	A-A3E1B13	465	D-A3R1B11
104	A-A3F1D11	136	A-A3E1C13	468	D-A3R1A13
108	A-A3G1A13	138	A-A3E1D13	470	D-A3R1C13
110	A-A3D1E11	342	A-A3E1C11	472	D-A3R1E13
112	A-A3E1E11	450	A-A3Q1C11	474	D-A3P1E13
114	A-A3F1B11	453	A-A3R1C11	476	D-A3Q1B13
117	A-A3F1A13	455	A-A3R1D11	478	D-A3Q1C13
119	A-A3F1C13	459	A-A3S1A13	480	D-A3Q1D13
121	A-A3F1E13	461	A-A3P1E11		

TA081
000

LOC. TYPE

LIB TO CSB CABLE 2	
E.C.-HISTORY	E-MACH.3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP.SDD	TA081
P.N. 8550259	000

UNUSED TA003AA1 2
 - CSB DATA OUT 7 TA311FK2 7
 + CSB CTRL IN A TA321EH2 12
 + CSB CTRL IN C TA321EK2 17
 + CSB CTRL IN B TA331CB2 22
 - ADDR SEL 1 TA621CC2 27
 - ADDR SEL 2 TA621CF2 32
 - ADDR SEL 4 TA621CJ2 37
 - ADDR SEL 8 TA621CM2 42
 - LIB SEL A TA631CE6 47
 - SEL C UNUSED TA631CL6 52
 - LIB B SEL TA631DG6 57
 - CSB DATA OUT 4 TA761EE6 62
 - CSB DATA OUT 5 TA761EG6 67
 - CSB DATA OUT 3 TA761EJ6 72
 - CSB DATA OUT 2 TA761EL6 77
 - CSB DATA OUT 1 TA761EN6 82
 - CSB DATA OUT 6 TA761GC6 87

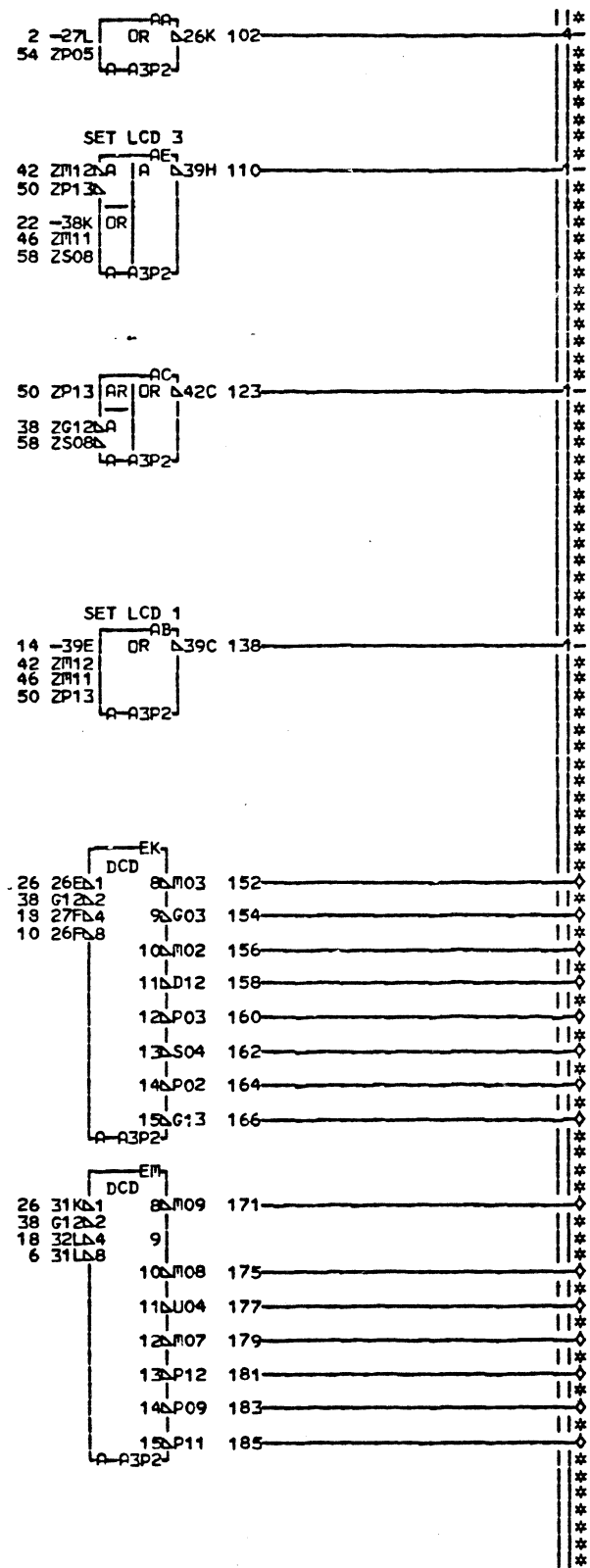


125 - LIB SELECT A TA003-EA1
 127 - CSB DATA OUT 2 TA003-EA3
 129 - CSB DATA OUT 3 TA003-EA5
 131 - CSB DATA OUT 4 TA003-EA7
 134 - CSB DATA OUT 5 TA003-EB2
 136 - CSB DATA OUT 6 TA003-EB4
 138 - CSB DATA OUT 7 TA003-E
 108 - LIB SELECT B TA003-EC1
 110 UNUSED TA003-EC3
 112 UNUSED TA003-EC5
 114 + CONTROL IN A TA003-EC7
 102 + CONTROL IN B TA003-ED2
 104 + CONTROL IN C TA003-ED4
 106 - ADDRESS SELECT 8 TA003-ED6
 116 - ADDRESS SELECT 1 TA003-EE1
 118 - ADDRESS SELECT 2 TA003-EE3
 120 - ADDRESS SELECT 4 TA003-EE5
 122 - CSB DATA OUT 1 TA003-EE7

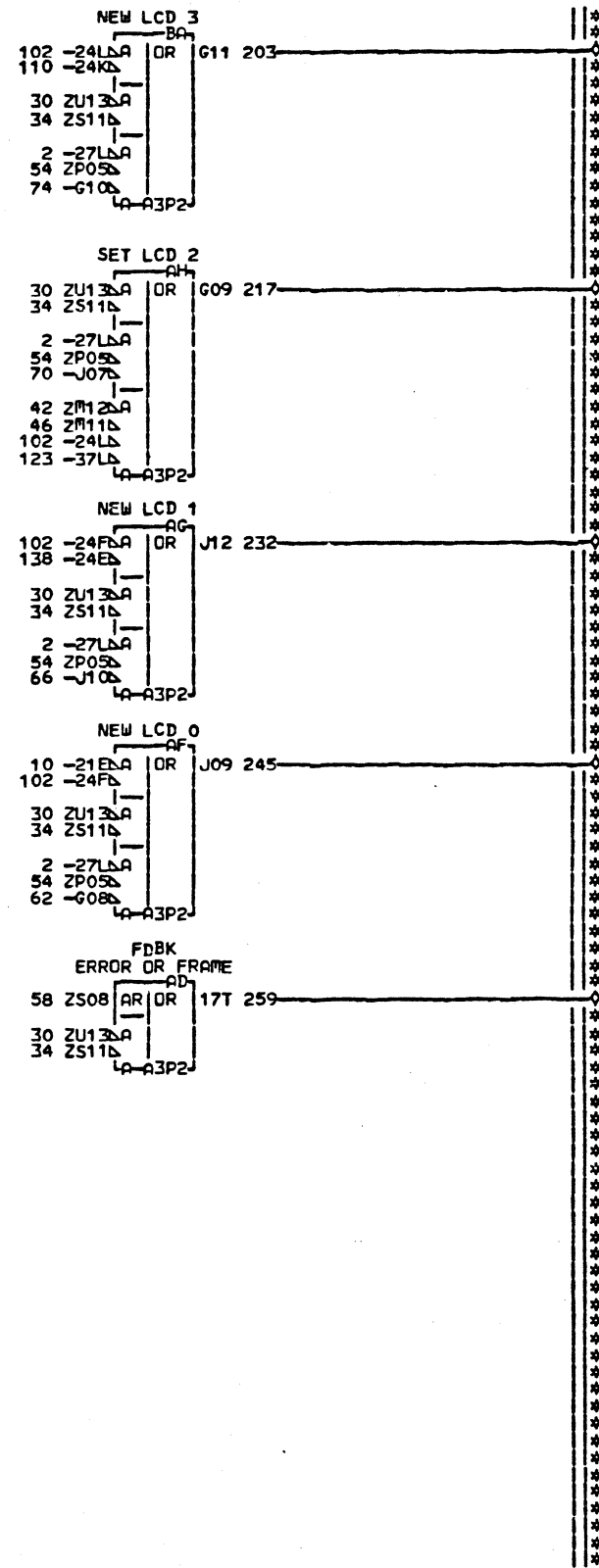
LOC. TYPE

CSB TO LIB CABLE 3			
E.C. HISTORY	E. MACH. 3705	FRAME	01
DATE	LAST EC	IBM CORP. SDD	TA091
11-25-80	344401	P.N. 8550260	000

- CCU TIME TA141AH6 2-14
 + LCD 0 TA151BC2 6-1
 - LCD 0 TA151BC6 10-1
 + LCD 1 TA151BD2 14-1
 - LCD 1 TA151BD6 18-2
 + LCD 3 TA151BE2 22-1
 - LCD 3 TA151BE6 26-2
 - GATED BIT SERVICE TA331EL6 30-5
 - FD BK CK TA341GG2 34-5
 - LCD 2 TA525FB2 38-3
 + SET LCD TO C TA841EF2 42-21
 + SET LCD TO D TA841EH2 46-21
 + SET LCD TO E TA841EK2 50-3
 - OUTPUT 45 OUTPUT 16 TO 23 TA921CE6 54-14
 + SDLC FRAME DETECT TB011CA2 58-21
 - OUT REG BYTE 1 BIT 0 TB031EH6 62-1
 - OUT REG BYTE 1 BIT 1 TB031EK6 66-1
 - OUT REG BYTE 1 BIT 2 TB031EM6 70-1
 - OUT REG BYTE 1 BIT 3 TB041EA6 74-1



LOC. TYPE
A-A3P2 7611



000 TA111

259 + FDBK ERROR OR FRAME TA121-CC6
 245 + NEW LCD 0 EB2
 LTA521 LTA535
 232 + NEW LCD 1 ED2
 LTA521 LTA535
 217 + NEW LCD 2 EF2
 LTA525 LTA535
 203 + NEW LCD 3 EH2
 LTA525 LTA535
 166 - ERROR EK0
 152 - SDLC 7 EK3
 LTA151 LTA261 LTA721
 154 - SDLC 8 EK4
 LTA151 LTA841
 156 - SDLC 6 TA151-EK5
 158 - SDLC 5 EK6
 LTA151 LTA251 LTA261 LTA721
 160 - EBCDIC TAB41-EK7
 162 - USASCII TAB41-EK8
 164 - SBT TAB41-EK9
 185 - SS 11J8 TA231-EM0
 171 - SS 9J6 TA261-EM3
 175 - SS 8J5 EM5
 LTA251 LTA261
 177 - DIAL EM6
 LTA211 LTA341 LTA361 LTA771
 LTA821 LTA831 LTB231
 179 - SS 9J7 EM7
 181 - SS 10J7 EM8
 183 - SS 10J8 EM9

TA111
000

LCD DECODE AND UPDATE	
-E.C.-HISTORY-	E-MACH-3705
DATE	FRAME 01
LAST EC	IBM CORP-SDD TA111
11-25-80 344401	P.N. 8550261 000

+ FDBK ERROR OR FRAME TA111CC6- 2-1-1

+ NEW SCF 3 MODEM ERROR TA131CG2- 5-1-1

- CSB TIME TA141AH2- 8-1-1

- CCU TIME TA141AH6- 11-1-1

+ B 5 REC DATA BFR TA141AJ2- 14-1-1

- TAG AND NOT FRAME TA141FD6- 17-1-1

- SDLC FRAME DETECT TA141GM2- 20-1-1

- NOT ON BOUNDRY TA151BK2- 23-1-1

+ DIAG MODE TA331DL2- 26-1-1

- B4 REC CARRIER DETECT/PWI TA331EH2- 29-1-1

- C3 MODEM REC SPACE/DPR TA341CN6- 32-1-1

- SCF 0 S BIT ERR/REC BRK TA511FB2- 35-1-1

- SCF 1 SERVICE REQUEST TA511FD2- 38-1-1

- SCF 2 OVERRUN/UNDERRUN TA511FF2- 41-1-1

- SCF 4 REC CARRIER DETECT/PWI TA511FK2- 44-1-1

- SCF 7 PAD FLAG TA515FD2- 47-1-1

- STATE 7 TA811DK0- 50-2-1

- STATE 9 TA811DM4- 53-1-1

- SS TA831CK6- 56-2-1

- SS OR BSC OR SDLC TA831EM2- 59-1-1

- INTERRUPT GO TA831GH6- 62-1-1

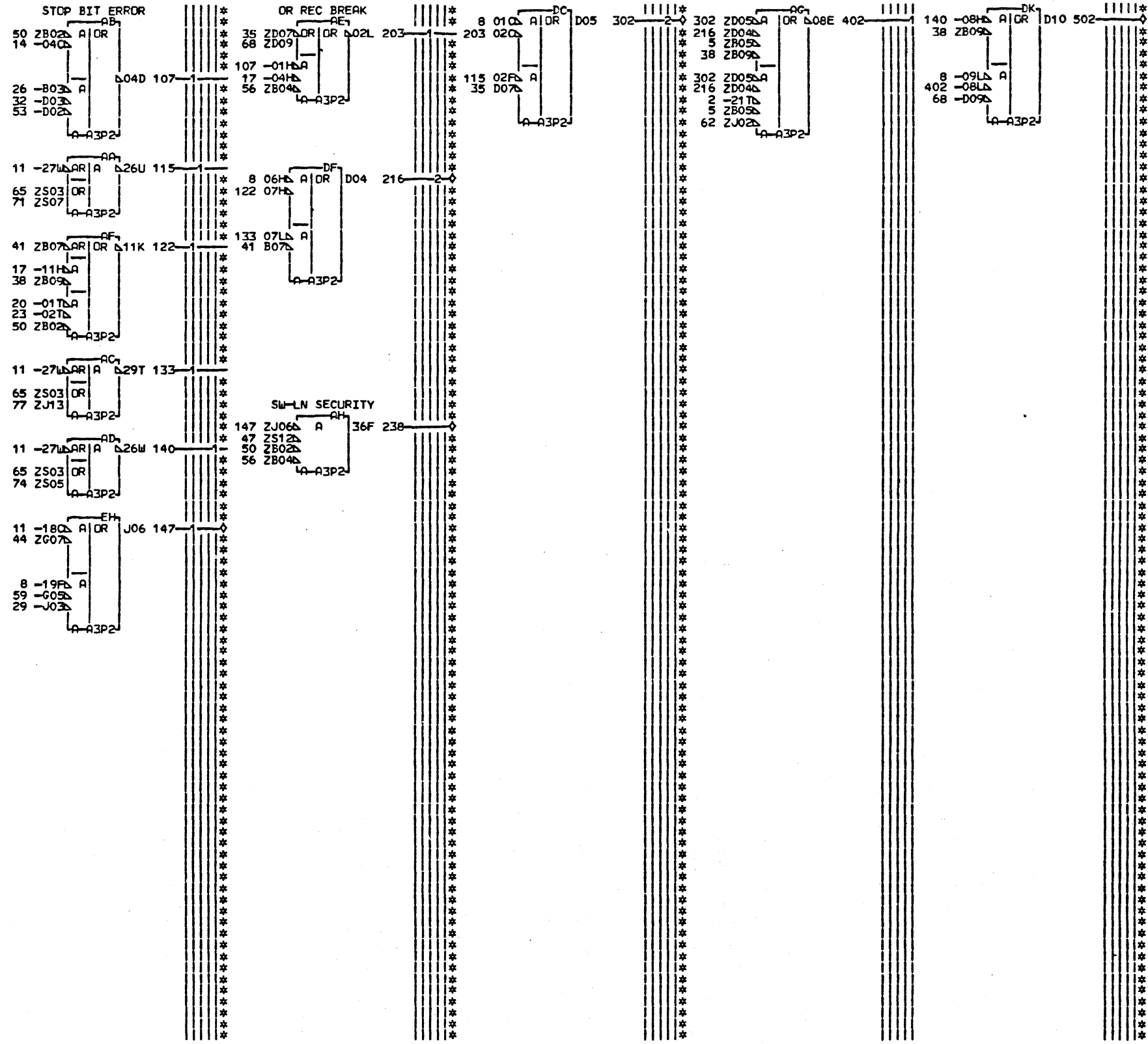
- OUTPUT 44 OUTPUT 0 TO 15 TA921CC6- 65-3-1

+ SDLC ABORT DETECT TB011GA2- 68-1-1

- OUT REG BYTE 0 BIT 0 TB051DA6- 71-1-1

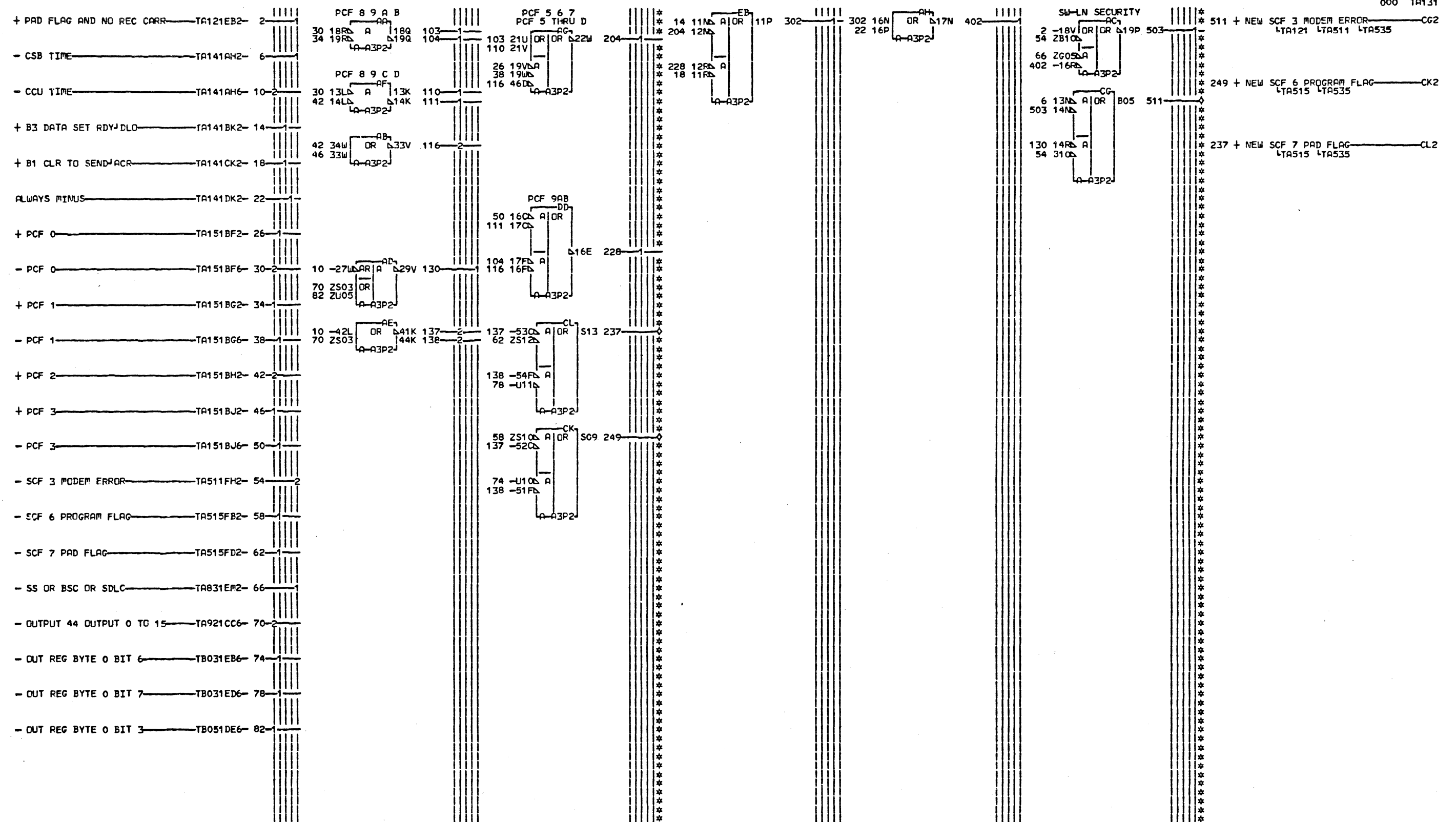
- OUT REG BYTE 0 BIT 1 TB051DC6- 74-1-1

- OUT REG BYTE 0 BIT 2 TB051ED6- 77-1-1



LOC. TYPE
A-A3P2 7611

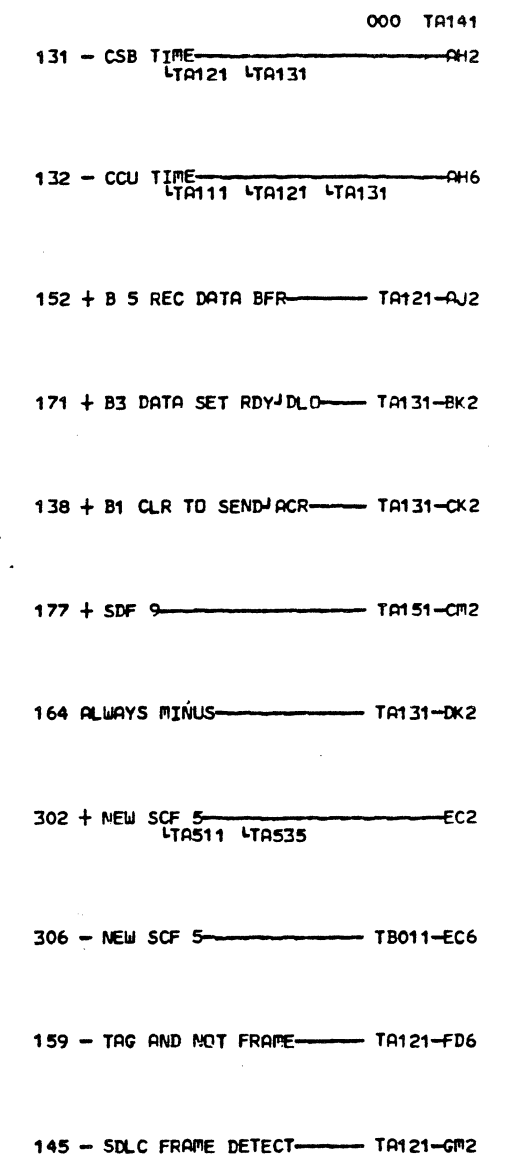
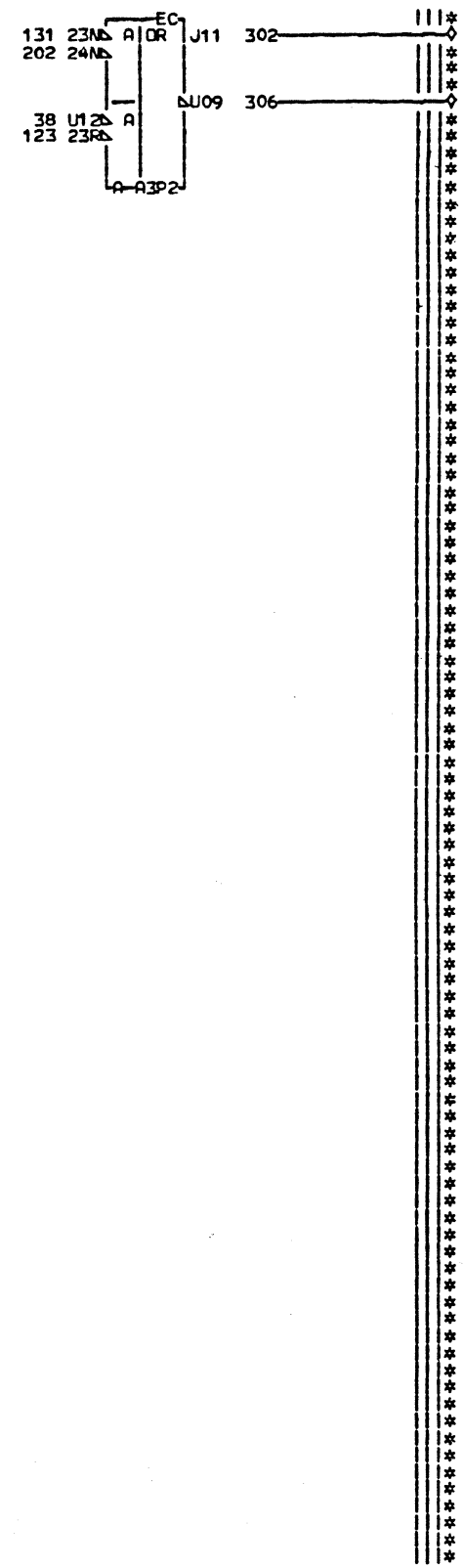
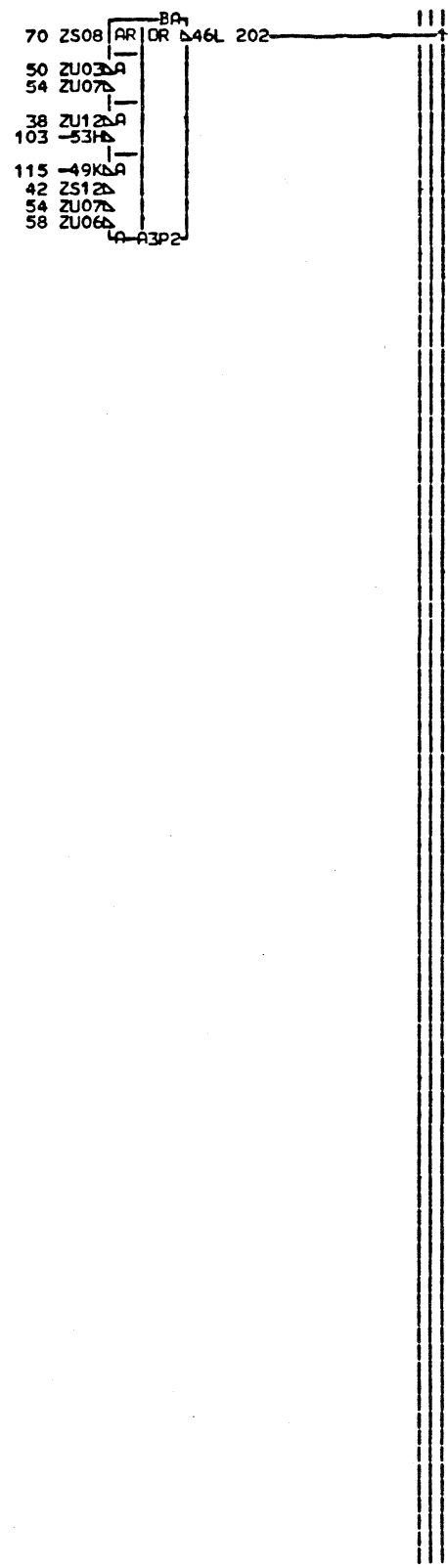
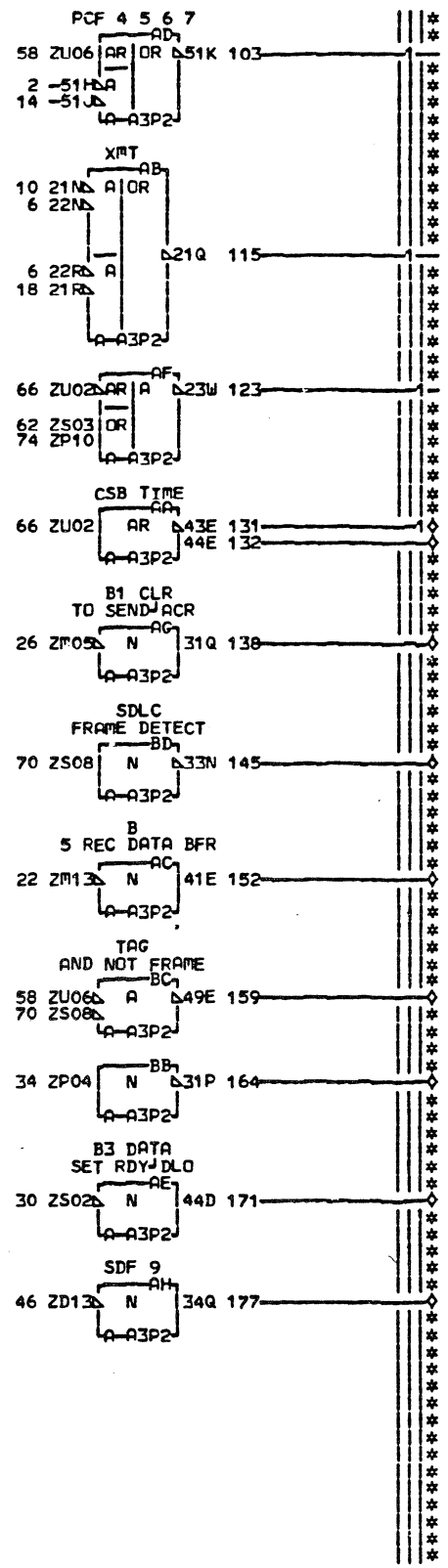
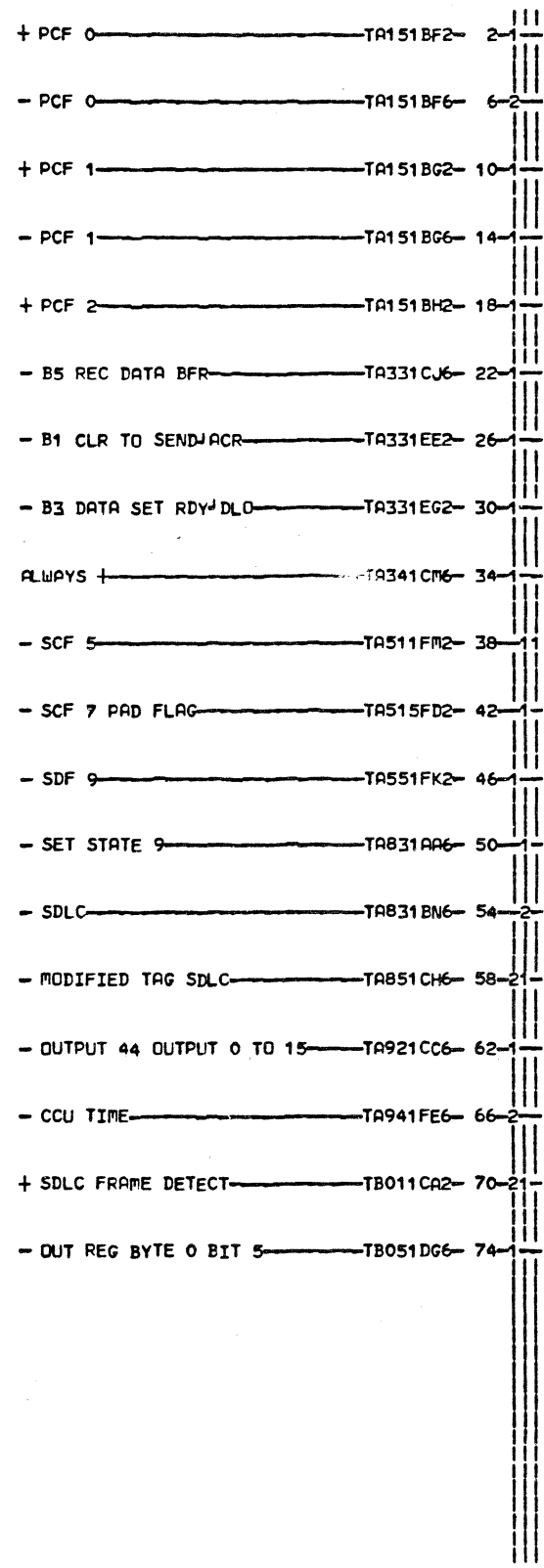
NEW SCF 0 1 2 4	
E.C. HISTORY	E. MACH. 3705
DATE	LAST EC
11-25-80 344401	P.N. 8550262
FRAME 01	IBM CORP. SDD TA121
000	000



LOC. TYPE
A-A3P2 7611

TA131
000

NEW SCF 3 6 7			
-E.C.-HISTORY-		E-MACH-3705	
		FRAME	01
DATE	LAST EC	IBF	CCRP-SDD TA131
11-25-80	344401	P.N.	8550263 000

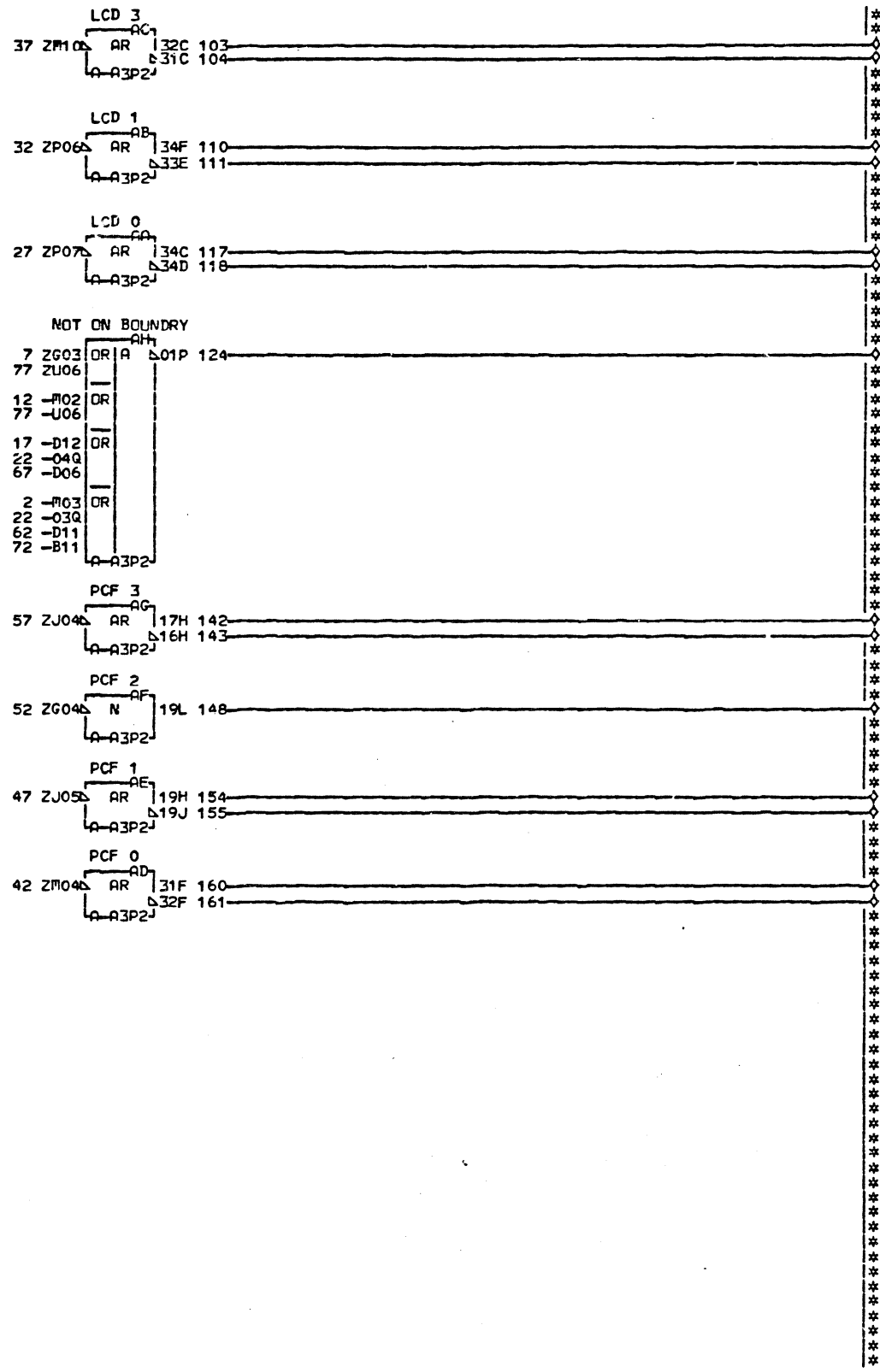


LOC. TYPE
A-3P2 7611

TP141
000

NEW SCF 5	
E.C. HISTORY	E. MACH. 3705
	FRAME 01
DATE LAST EC	IBM CORP. SDD TA141
11-25-80 344401	P.No. 8550264 000

- SDLC 7 TA111EK3- 2-1
 - SDLC 8 TA111EK4- 7-1
 - SDLC 6 TA111EK5- 12-1
 - SDLC 5 TA111EK6- 17-1
 + SDF 9 TA141CM2- 22-2
 - LCD 0 TA521FK2- 27-1
 - LCD 1 TA521FM2- 32-1
 - LCD 3 TA525FD2- 37-1
 - PCF 0 TA525FF2- 42-1
 - PCF 1 TA525FH2- 47-1
 - PCF 2 TA525FK2- 52-1
 - PCF 3 TA545FB2- 57-1
 - SDF 5 TA551FB2- 62-1
 - SDF 8 TA551FH2- 67-1
 + SDF 6 7 OR 8 TA851BK6- 72-1
 - MODIFIED TAG SDLC TA851CH6- 77-2



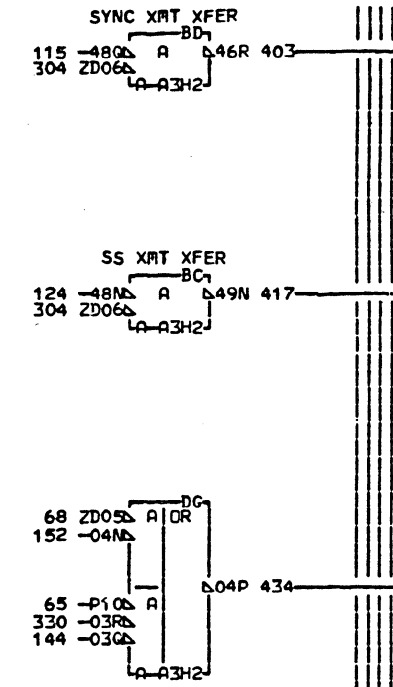
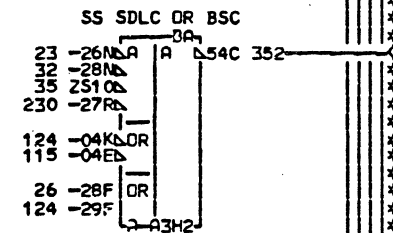
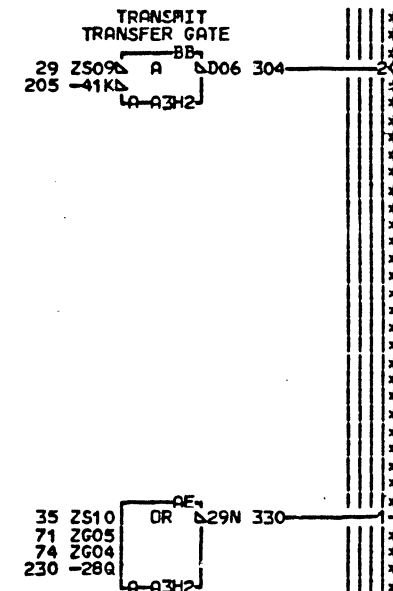
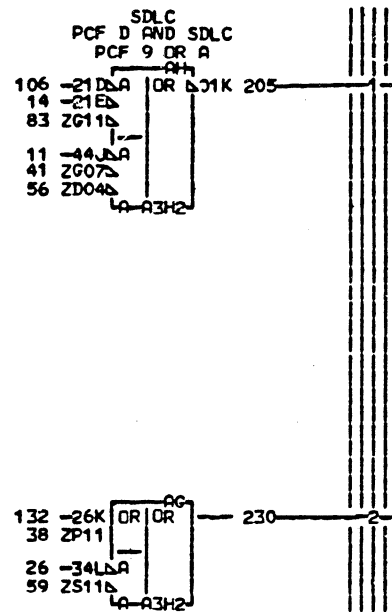
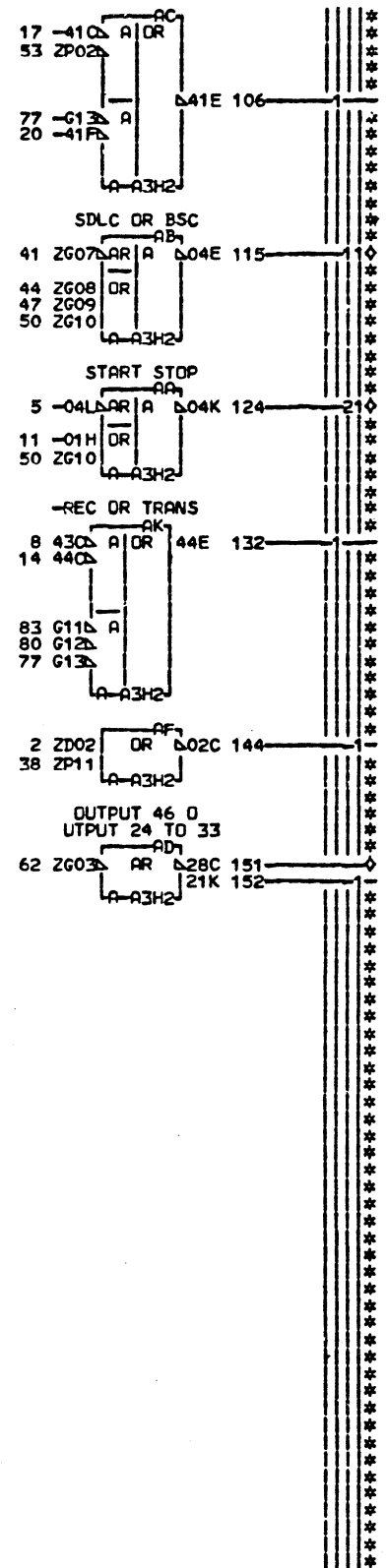
000 TA151
 117 + LCD 0 TA111-BC2
 118 - LCD 0 TA111-BC6
 110 + LCD 1 TA111-BD2
 111 - LCD 1 TA111-BD6
 103 + LCD 3 TA111-BE2
 104 - LCD 3 TA111-BE6
 160 + PCF 0 LTA131 LTA141 BF2
 161 - PCF 0 LTA131 LTA141 BF6
 154 + PCF 1 LTA131 LTA141 BG2
 155 - PCF 1 LTA131 LTA141 BG6
 148 + PCF 2 LTA131 LTA141 BH2
 142 + PCF 3 TA131-BJ2
 143 - PCF 3 TA131-BJ6
 124 - NOT ON BOUNDRY TA121-BK2

LOC. TYPE
 A-A3P2 7611

TA151
 000

LCD PCF POWERING			
E.C. HISTORY		E. MACH. 3705	
		FRAME	01
DATE	LAST EC	IBM CORP. SDD	TA151
11-25-80	344401	P.N. 8550265	000

- DIAL TA111EM6- 2-1
 + LCD 0 TA251CD2- 5-1
 + PCF 0 TA251CF2- 8-1
 + LCD 1 TA251DD2- 11-1
 + PCF 1 TA251DF2- 14-1
 + PCF 2 TA251EF2- 17-1
 + PCF 3 TA251FF2- 20-1
 + ABORT OR DELETE OR INSERT 0 TA261CL6- 23-1
 - SDF EMPTY TA261CN6- 26-1
 - TAG DETECTED TA261EJ2- 29-1
 + TAG FRAME OR INIT SYN TA261GJ6- 32-1
 + XMIT INITIAL AND NOT CTS TA311AG2- 35-2
 - GATED BIT SERVICE TA331EL6- 38-1
 - LCD 0 TA521FK2- 41-1
 - LCD 1 TA521FM2- 44-1
 - LCD 2 TA525FB2- 47-1
 - LCD 3 TA525FD2- 50-2
 - PCF 3 TA545FB2- 53-1
 - STATE D TA811DM8- 56-1
 - STATE C AND NOT SDLC TA811FJ6- 59-1
 - OUTPUT 46 OUTPUT 24 TO 33 TA921CG6- 62-1
 - CSB TIME TA941FE2- 65-1
 - CCU TIME TA941FE6- 68-1
 + DELETE 0 TB051CJ2- 71-1
 + INSERT 0 TB051CL2- 74-1
 - PCF 2 POWERED TB061CF6- 77-2
 - PCF 1 POWERED TB061DF6- 80-1
 - PCF 0 POWERED TB061EF6- 83-1



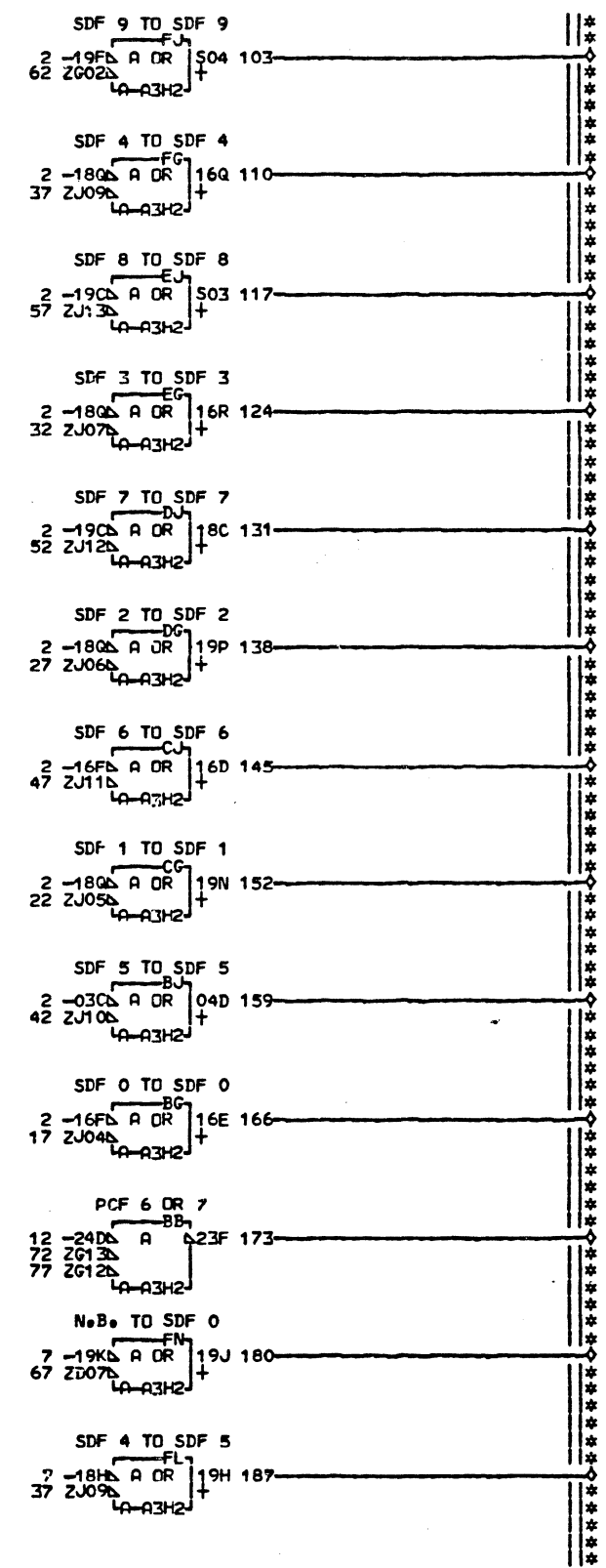
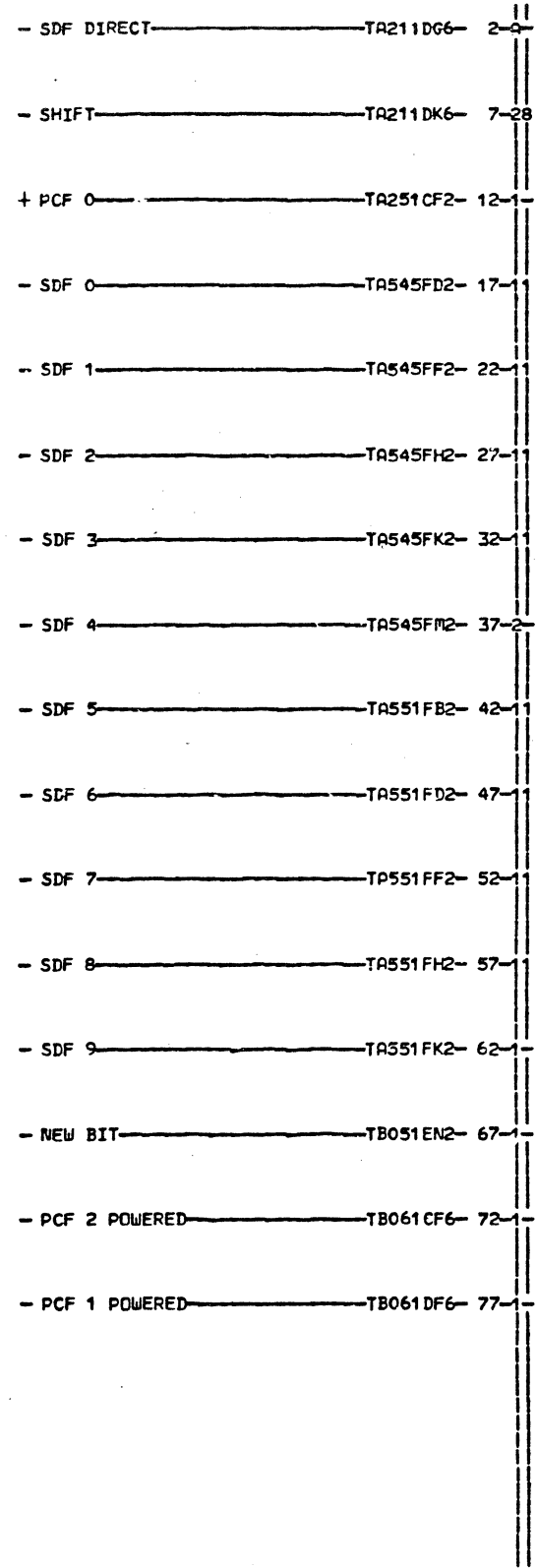
000 TA211

124 - START STOP TA261-BA6
 115 - SDLC OR BSC TA261-BE6
 151 - OUTPUT 46 OUTPUT 24 TO 33 DE2 LTA231
 434 - SDF DIRECT TA221-DG6
 352 - SHIFT TA221-DK6
 304 - TRANSMIT TRANSFER GATE TA831-EC6
 417 - SS XMT XFER TA231-FC6
 403 - SYNC XMT XFER TA231-FE6

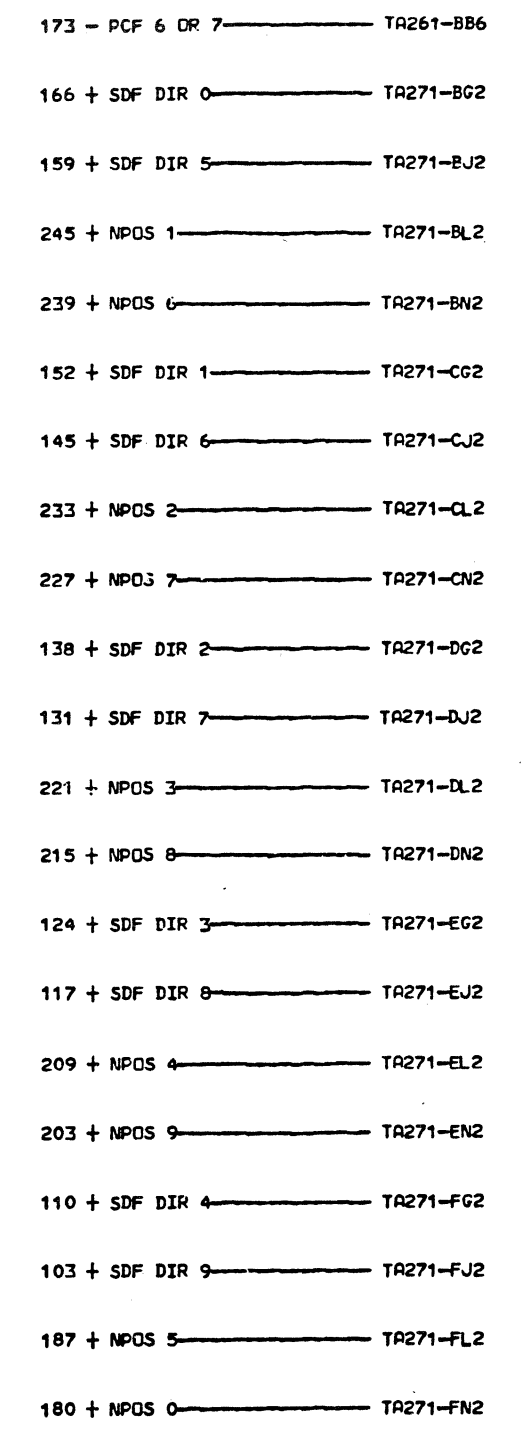
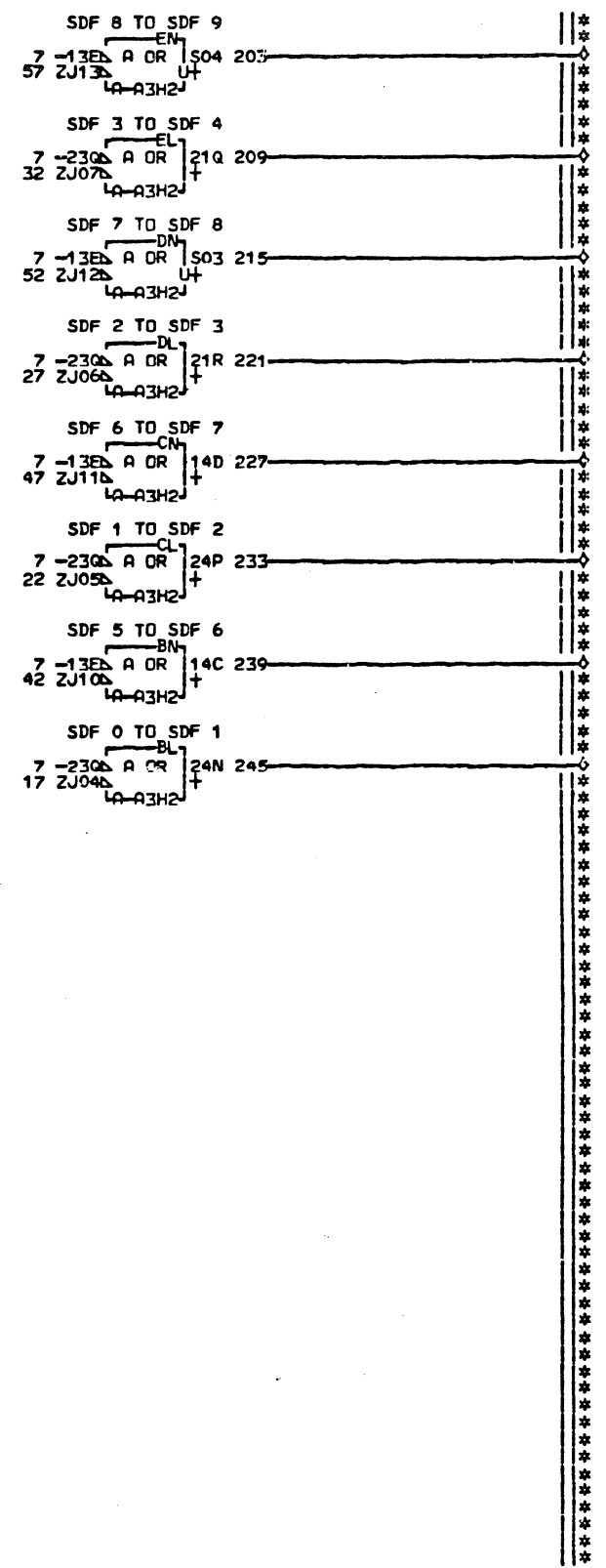
LOC. TYPE
A-A3H2 7612

SDF UPDATE CNTRPOLS			
E.C.	HISTORY	E. MACH.	3705
		FRAME	01
DATE	LAST EC	IBM CORP.	SDD TA211
11-25-80	344401	P.N.	8550266 000

TA211
000



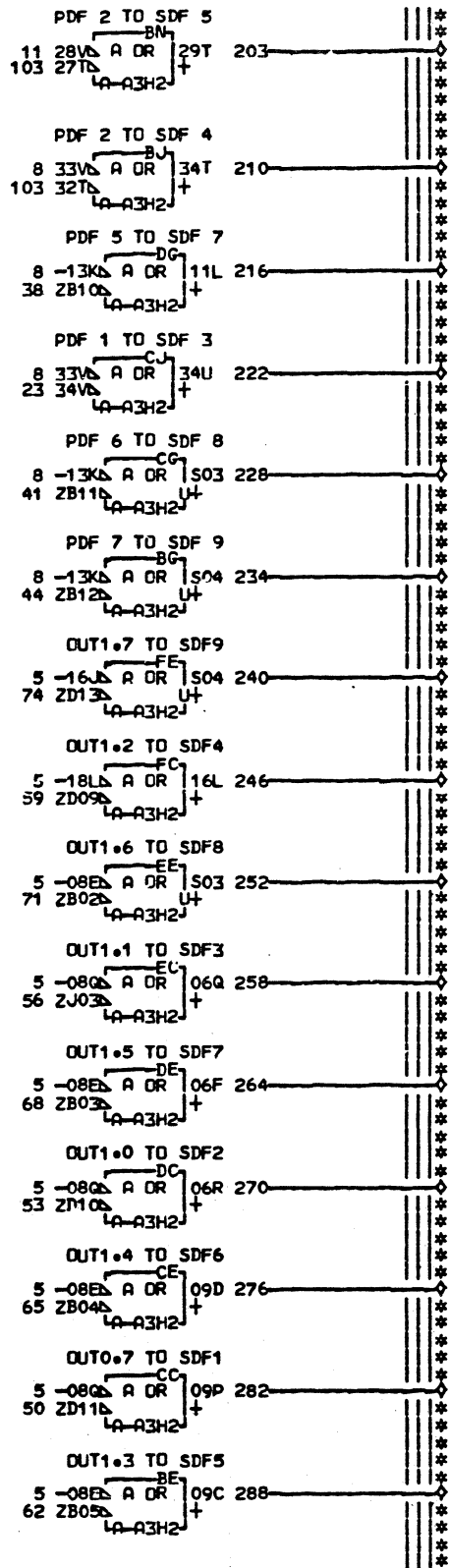
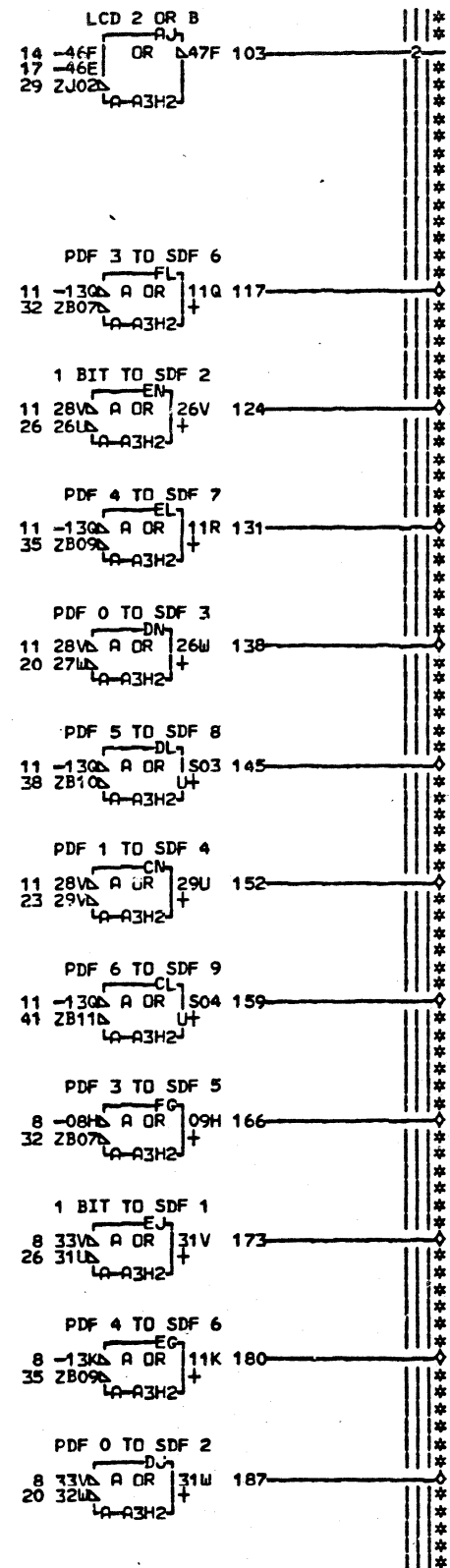
LOC. TYPE
A-A3H2 7612



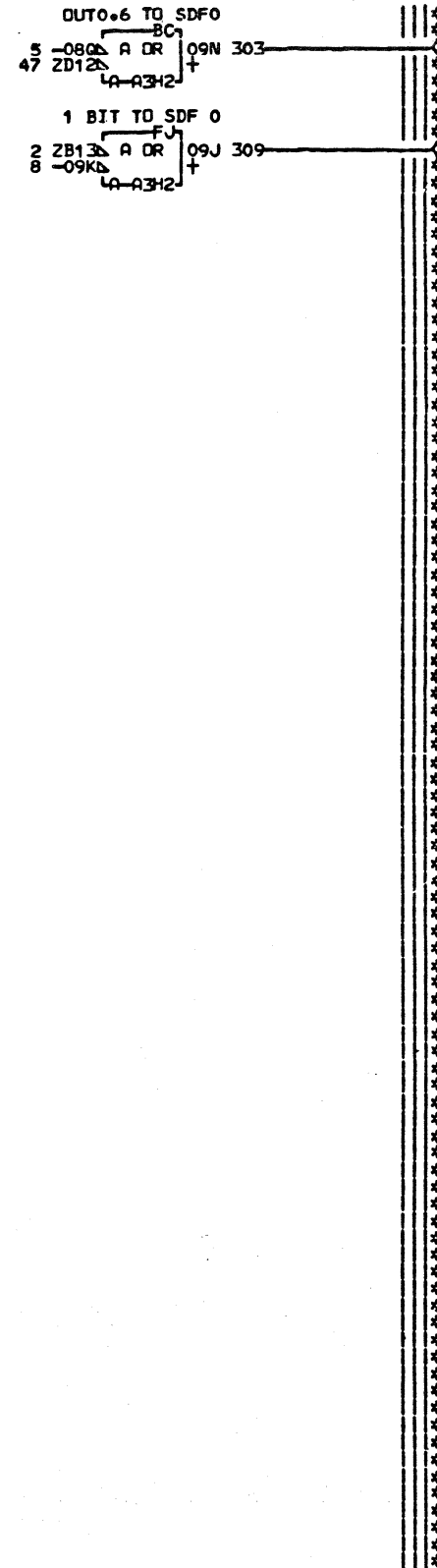
TA221
000

SDF DIRECT UPDATE OR SHIFT UPD	
E.C. HISTORY	E. MACH. 3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP. SDD TA221
	P.N. 8550267 000

- SS 11J6 TA111EMO 2
 - OUTPUT 46 OUTPUT 24 TO 33 TA211DE2 5-9
 - SS XMT XFER TA211FC6 8-45
 - SYNC XMT XFER TA211FE6 11-71
 + SS 8J5 TA251CK2 14-1
 + SDLC 5 TA251FH2 17-1
 - PDF XFER 0 TA261CD2 20-2
 - PDF XFER 1 TA261CF2 23-11
 - LCD DECODE 50607090C OR D TA261DA2 26-2
 - PDF 2 TA515FK2 29-1
 - PDF 3 TA515FM2 32-2
 - PDF 4 TA521FB2 35-2
 - PDF 5 TA521FD2 38-1
 - PDF 6 TA521FF2 41-1
 - PDF 7 TA521FH2 44-1
 - OUT REG BYTE 0 BIT 6 TB031EB6 47
 - OUT REG BYTE 0 BIT 7 TB031ED6 50
 - OUT REG BYTE 1 BIT 0 TB031EH6 53
 - OUT REG BYTE 1 BIT 1 TB031EK6 56
 - OUT REG BYTE 1 BIT 2 TB031EM6 59
 - OUT REG BYTE 1 BIT 3 TB041EA6 62
 - OUT REG BYTE 1 BIT 4 TB041EC6 65
 - OUT REG BYTE 1 BIT 5 TB041EE6 68
 - OUT REG BYTE 1 BIT 6 TB041EG6 71
 - OUT REG BYTE 1 BIT 7 TB041EJ6 74

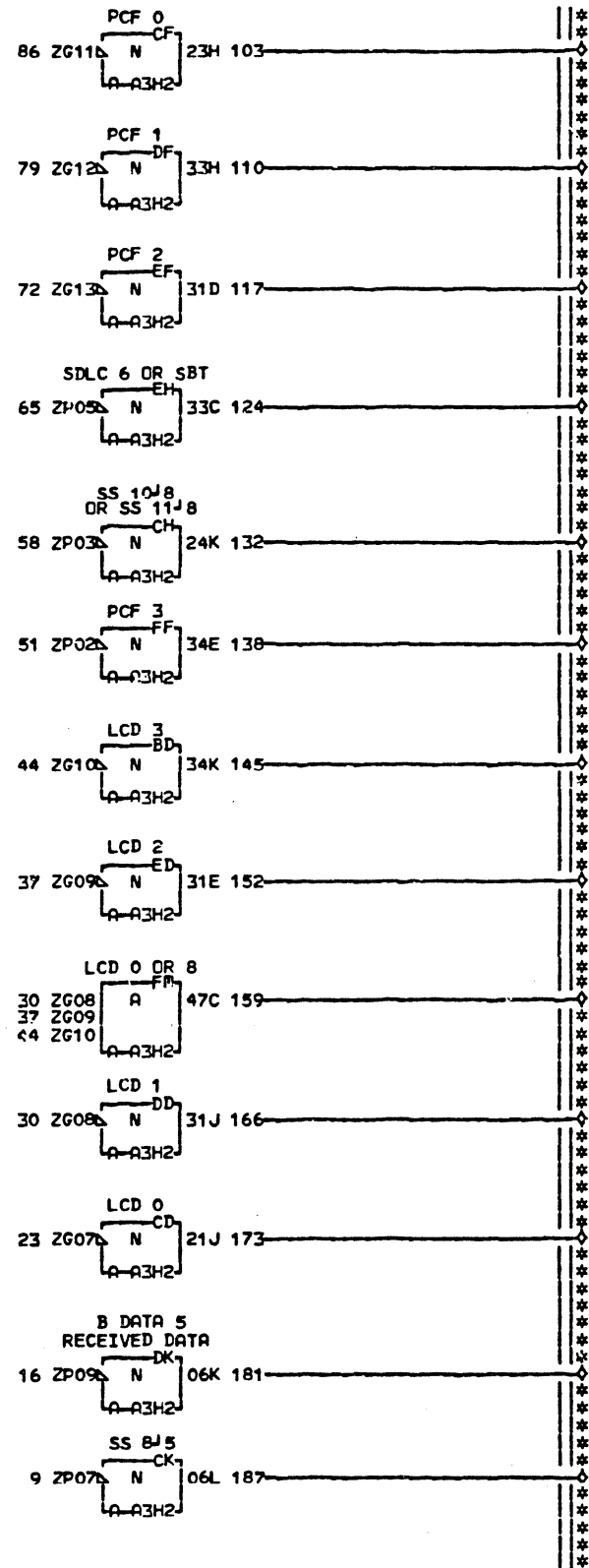
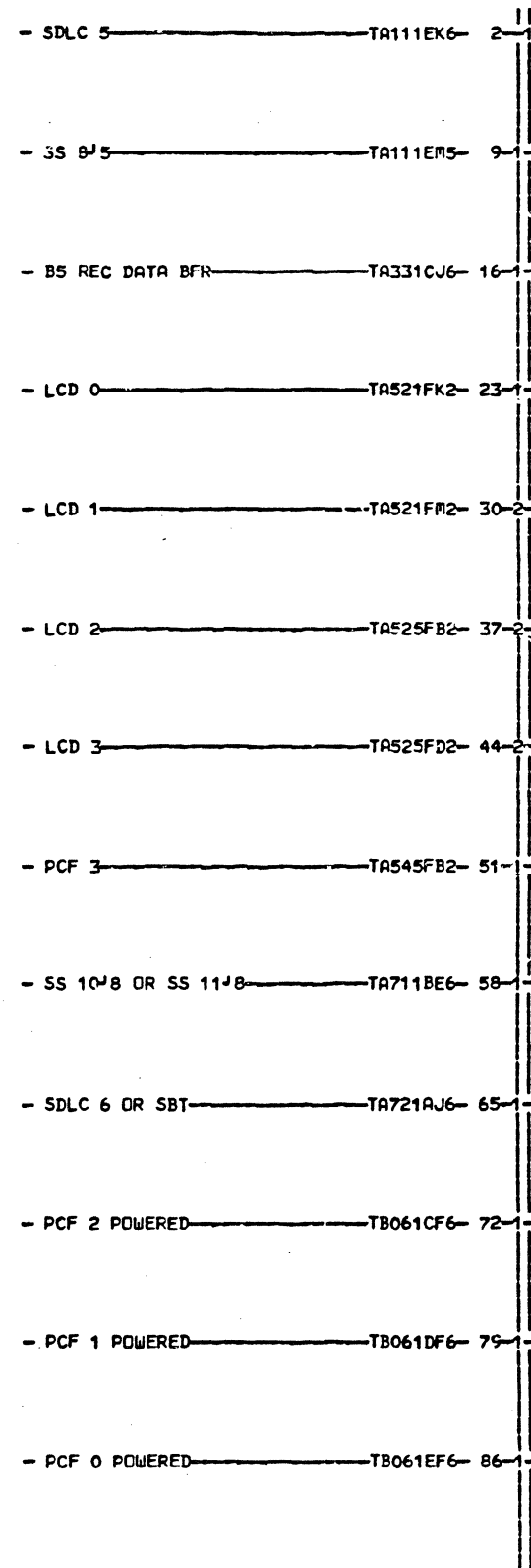


LOC. TYPE
A-A3H2 7612

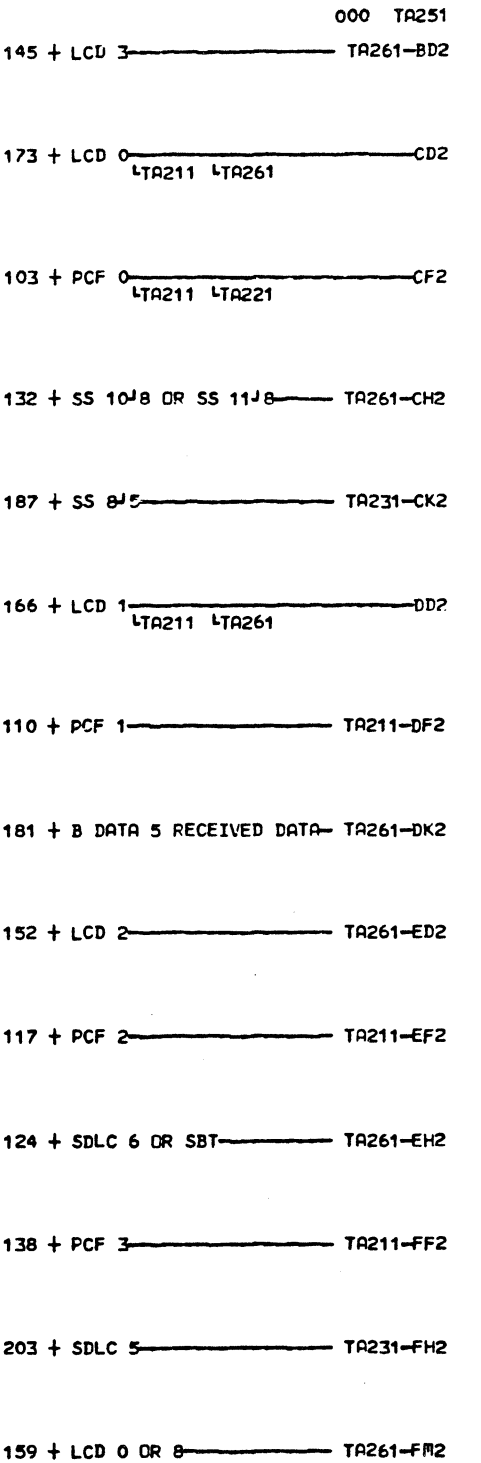
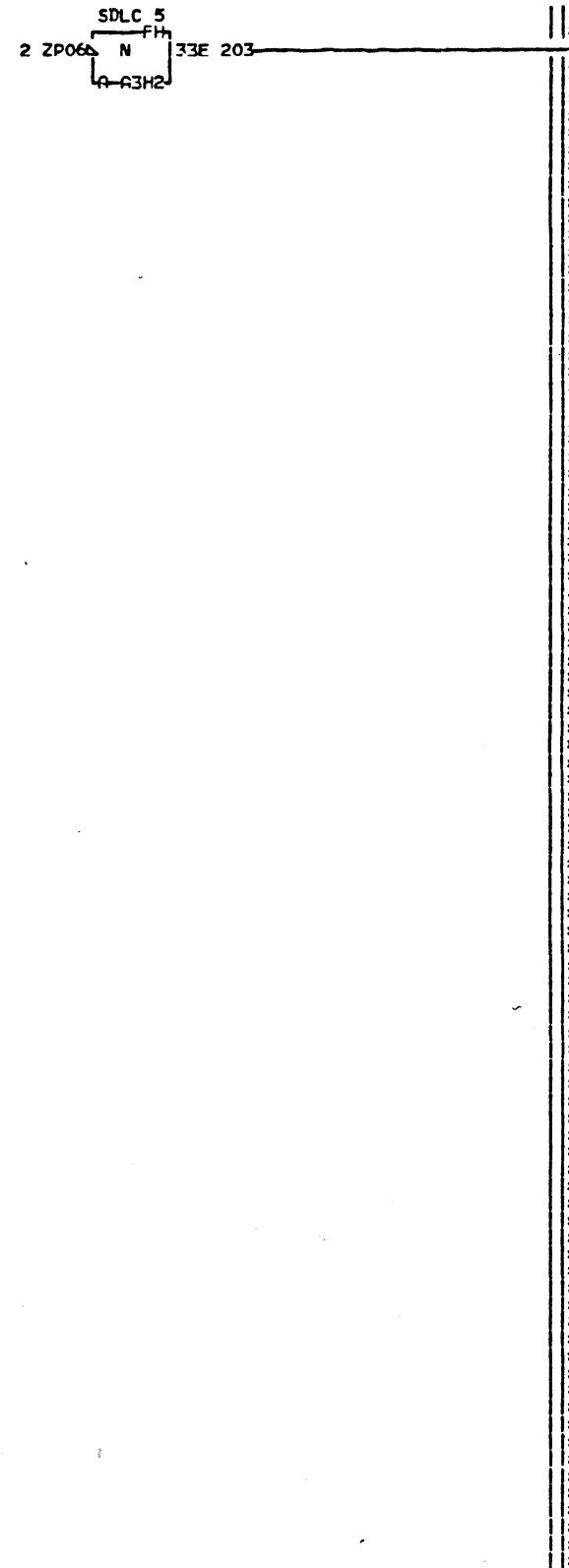


000 TA231
 303 + OUTPUT SDF 0 TA271-BC2
 288 + OUTPUT SDF 5 TA271-BE2
 234 + SS XMT POS 9 TA271-BG2
 210 + SS XMT POS 4 TA271-BJ2
 203 + SYNC XMT POS 5 TA271-BN2
 282 + OUTPUT SDF 1 TA271-CC2
 276 + OUTPUT SDF 6 TA271-CE2
 228 + SS XMT POS 8 TA271-CG2
 222 + SS XMT POS 3 TA271-CJ2
 159 + SYNC XMT POS 9 TA271-CL2
 152 + SYNC XMT POS 4 TA271-CN2
 270 + OUTPUT SDF 2 TA271-DC2
 264 + OUTPUT SDF 7 TA271-DE2
 216 + SS XMT POS 7 TA271-DG2
 187 + SS XMT POS 2 TA271-DJ2
 145 + SYNC XMT POS 8 TA271-DL2
 138 + SYNC XMT POS 3 TA271-DN2
 258 + OUTPUT SDF 3 TA271-EC2
 252 + OUTPUT SDF 8 TA271-EE2
 180 + SS XMT POS 6 TA271-EG2
 173 + SS XMT POS 1 TA271-EJ2
 131 + SYNC XMT POS 7 TA271-EL2
 124 + SYNC XMT POS 2 TA271-EN2
 246 + OUTPUT SDF 4 TA271-FC2
 240 + OUTPUT SDF 9 TA271-FE2
 166 + SS XMT POS 5 TA271-FG2
 309 + SS XMT POS 0 TA271-FJ2
 117 + SYNC XMT POS 6 TA271-FL2

SDF OUTPUT UPDATE OR PDF UPDATE	
E.C.-HISTORY	E. MACH.3705
FRAME	01
DATE LAST EC	IBM CORP.SDD TA231
11-25-80 344401	P.No. 8550268 000



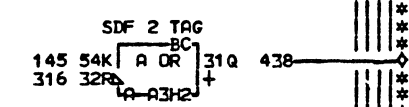
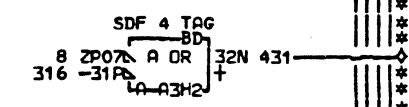
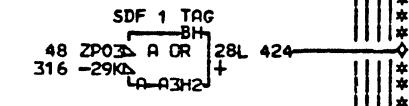
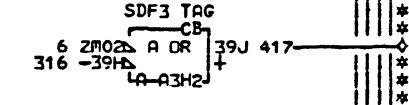
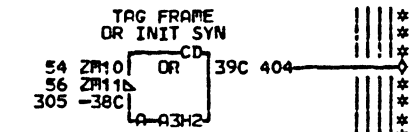
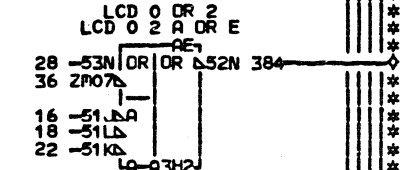
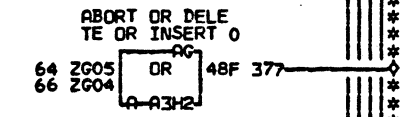
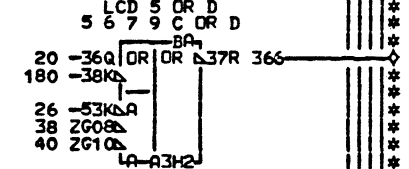
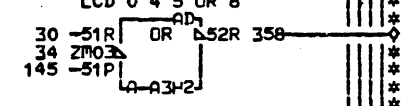
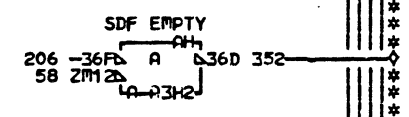
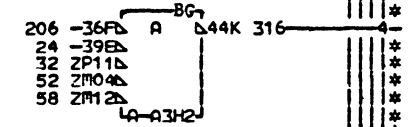
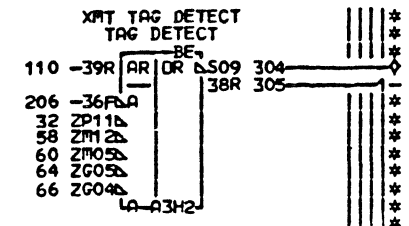
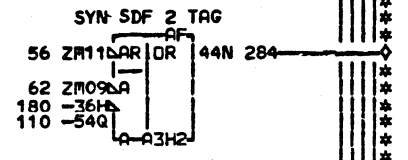
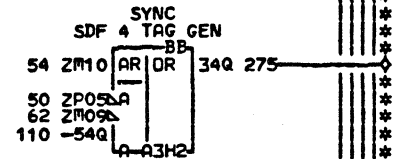
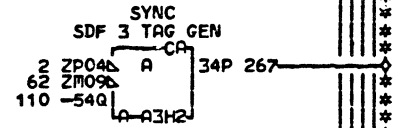
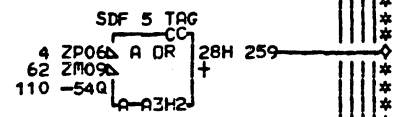
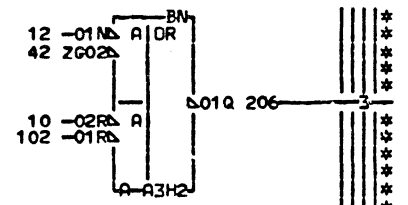
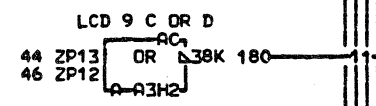
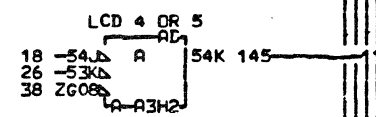
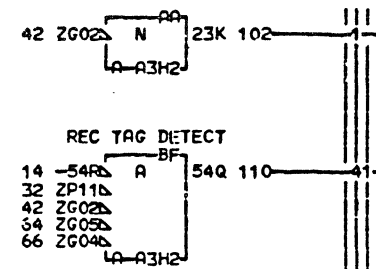
LOC. TYPE
A-A3H2 7612



LOGIC INVERTERS			
E.C.	HISTORY	E.MACH.	3705
		FRAME	01
		IBM CGRP.	SDD TA251
DATE	LAST EC	P.N.	8550269 000
11-25-80	344401		

TA251
000

- SDLC 7 TA111EK3- 2
- SDLC 5 TA111EK6- 4
- SS 8J6 TA111EM3- 6
- SS 8J5 TA111EM5- 8
- START STOP TA211BA6- 10
- SDLC OR BSC TA211BE6- 12
- PCF 6 OR 7 TA221BB6- 14
- + LCD 3 TA251BD2- 16
- + LCD 0 TA251CD2- 13
- + SS 10J8 OR SS 11J8 TA251CH2- 20
- + LCD 1 TA251DD2- 22
- + B DATA 5 RECEIVED DATA TA251DK2- 24
- + LCD 2 TA251ED2- 26
- + SDLC 6 OR SBT TA251EH2- 28
- + LCD 0 OR 8 TA251FM2- 30
- GATED BIT SERVICE TA331EL6- 32
- PDF 0 TA515FF2- 34
- PDF 1 TA515FH2- 36
- LCD 1 TA521FM2- 38
- LCD 3 TA525FD2- 40
- SDF 9 TA551FK2- 42
- + SDLC 8 OR USASCII TA711AL2- 44
- + EBCDIC OR USASCII TA711AN2- 46
- SS 10J8 OR SS 11J8 TA711BE6- 48
- SDLC 6 OR SBT TA721AJ6- 50
- STATE 7 TA811DK0- 52
- + SET LCD TO E TA841EK2- 54
- INIT SYNC 8 RCV TAG Y841GD2- 56
- SDF 0-8 IS EMPTY TA851CN6- 58
- TRANSMIT STATE TB011BC6- 60
- + SDLC FRAME DETECT TB011CA2- 62
- + DELETE 0 TB051CJ2- 64
- + INSERT 0 TB051CL2- 66

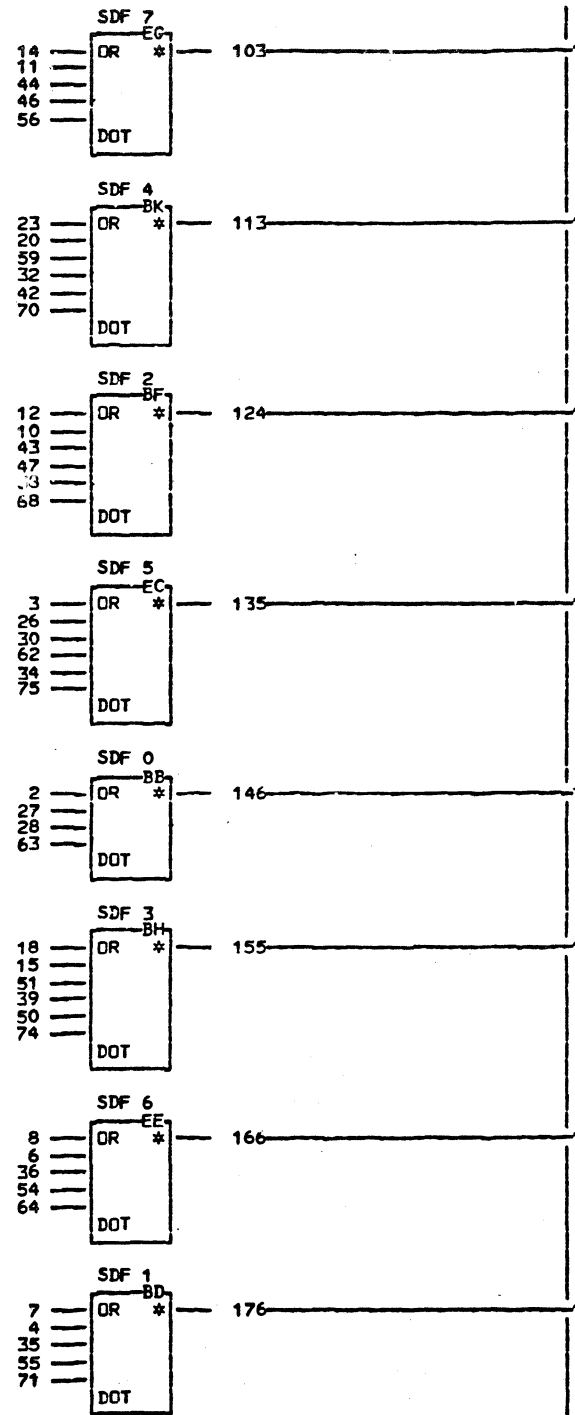


- 358 - PDF XFER 0 TA231-CD2
- 384 - PDF XFER 1 TA231-CF2
- 284 + SYNC SDF 2 TAG GEN TA271-CJ6
- 377 + ABORT OR DELETE OR INSERT 0 CL6 TA211
- 352 - SDF EMPTY TA211-CN6
- 366 - LCD DECODE 50607090C OR D DA2 TA231
- 275 + SYNC SDF 4 TAG GEN TA271-DF6
- 438 + SDF 2 REC TAG GENERATE- TA271-ED2
- 431 + SDF 4 REC TAG GENERATE- TA271-EF2
- 304 - TAG DETECTED TA211 TA851 EU2
- 424 + SDF 1 REC TAG GENERATE- TA271-FA2
- 267 + SYNC SDF 3 TAG GEN TA271-FB2
- 417 + SDF 3 REC TAG GENERATE- TA271-FD2
- 259 + SDF 5 REC TAG GENERATE- TA271-FF2
- 404 + TAG FRAME OR INIT SYN TA211-GJ6

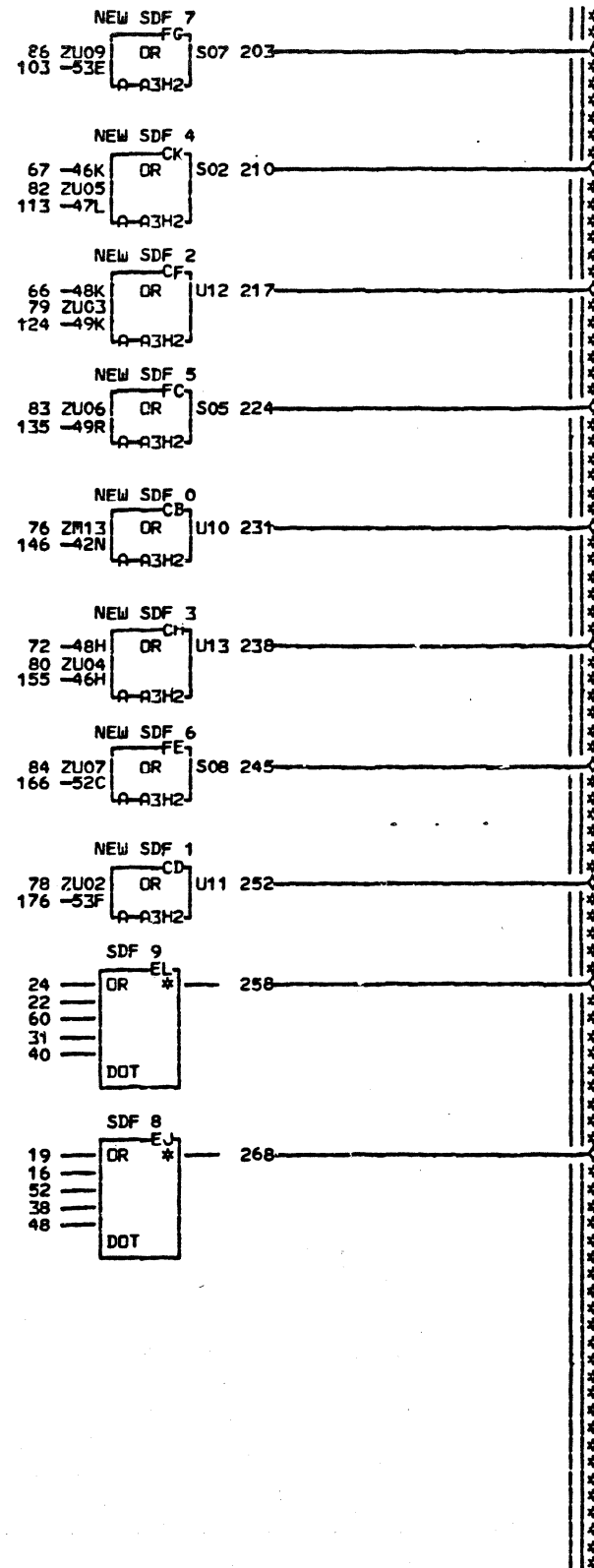
LDC TYPE A-A3H2 7612

TAG GENERATION + TAG DETECTION
 E.C.-HISTORY E-MACH.3705
 FRAME 01
 DATE LAST EC IBM CORP.SDD TA261
 11-25-80 344401 P.N. 8550270 000

+ SDF DIR 0 TA221BG2 2-1
 + SDF DIR 5 TA221BJ2 3-1
 + RPOS 1 TA221BL2 4-1
 + NPOS 6 TA221BN2 6-1
 + SDF DIR 1 TA221CG2 7-1
 + SDF DIR 6 TA221CJ2 8-1
 + NPOS 2 TA221CL2 10-1
 + NPOS 7 TA221CN2 11-1
 + SDF DIR 2 TA221DG2 12-1
 + SDF DIR 7 TA221DJ2 14-1
 + NPOS 3 TA221DL2 15-1
 + NPOS 8 TA221DN2 16-1
 + SDF DIR 3 TA221EG2 18-1
 + SDF DIR 8 TA221EJ2 19-1
 + NPOS 4 TA221EL2 20-1
 + NPOS 9 TA221EM2 22-1
 + SDF DIR 4 TA221FG2 23-1
 + SDF DIR 9 TA221FJ2 24-1
 + NPOS 5 TA221FL2 26-1
 + NPOS 0 TA221FN2 27-1
 + OUTPUT SDF 0 TA231BC2 28-1
 + OUTPUT SDF 5 TA231BE2 30-1
 + SS XMT POS 9 TA231BG2 31-1
 + SS XMT POS 4 TA231BJ2 32-1
 + SYNC XMT POS 5 TA231BN2 34-1
 + OUTPUT SDF 1 TA231CC2 35-1
 + OUTPUT SDF 6 TA231CE2 36-1
 + SS XMT POS 8 TA231CG2 38-1
 + SS XMT POS 3 TA231CJ2 39-1
 + SYNC XMT POS 9 TA231CL2 40-1
 + SYNC XMT POS 4 TA231CN2 42-1
 + OUTPUT SDF 2 TA231DC2 43-1
 + OUTPUT SDF 7 TA231DE2 44-1
 + SS XMT POS 7 TA231DG2 46-1
 + SS XMT POS 2 TA231DJ2 47-1
 + SYNC XMT POS 8 TA231DL2 48-1
 + SYNC XMT POS 3 TA231DN2 50-1
 + OUTPUT SDF 3 TA231EC2 51-1
 + OUTPUT SDF 8 TA231EE2 52-1
 + SS XMT POS 6 TA231EG2 54-1
 + SS XMT POS 1 TA231EJ2 55-1
 + SYNC XMT POS 7 TA231EL2 56-1
 + SYNC XMT POS 2 TA231EN2 58-1
 + OUTPUT SDF 4 TA231FC2 59-1
 + OUTPUT SDF 9 TA231FE2 60-1
 + SS XMT POS 5 TA231FG2 62-1
 + SS XMT POS 0 TA231FJ2 63-1
 + SYNC XMT POS 6 TA231FL2 64-1
 + SYNC SDF 2 TAG GEN TA261CJ6 66-1
 + SYNC SDF 4 TAG GEN TA261DF6 67-1
 + SDF 2 REC TAG GENERATE TA261ED2 68-1
 + SDF 4 REC TAG GENERATE TA261EF2 70-1
 + SDF 1 REC TAG GENERATE TA261FA2 71-1
 + SYNC SDF 3 TAG GEN TA261FB2 72-1
 + SDF 3 REC TAG GENERATE TA261FD2 74-1
 + SDF 5 REC TAG GENERATE TA261FF2 75-1
 + DIAL SET SDF 0 TA831GD6 76-1
 + DIAL SET SDF 1 TB231CC2 78-1
 + DIAL SET SDF 2 TB231CD2 79-1
 + DIAL SET SDF 3 TB231CE2 80-1
 + DIAL SET SDF 4 TB231CF2 82-1
 + DIAL SET SDF 5 TB231CG2 83-1
 + DIAL SET SDF 6 TB231CH2 84-1
 + DIAL SET SDF 7 TB231CJ2 86-1



LOC. TYPE
A-A3H2 7612

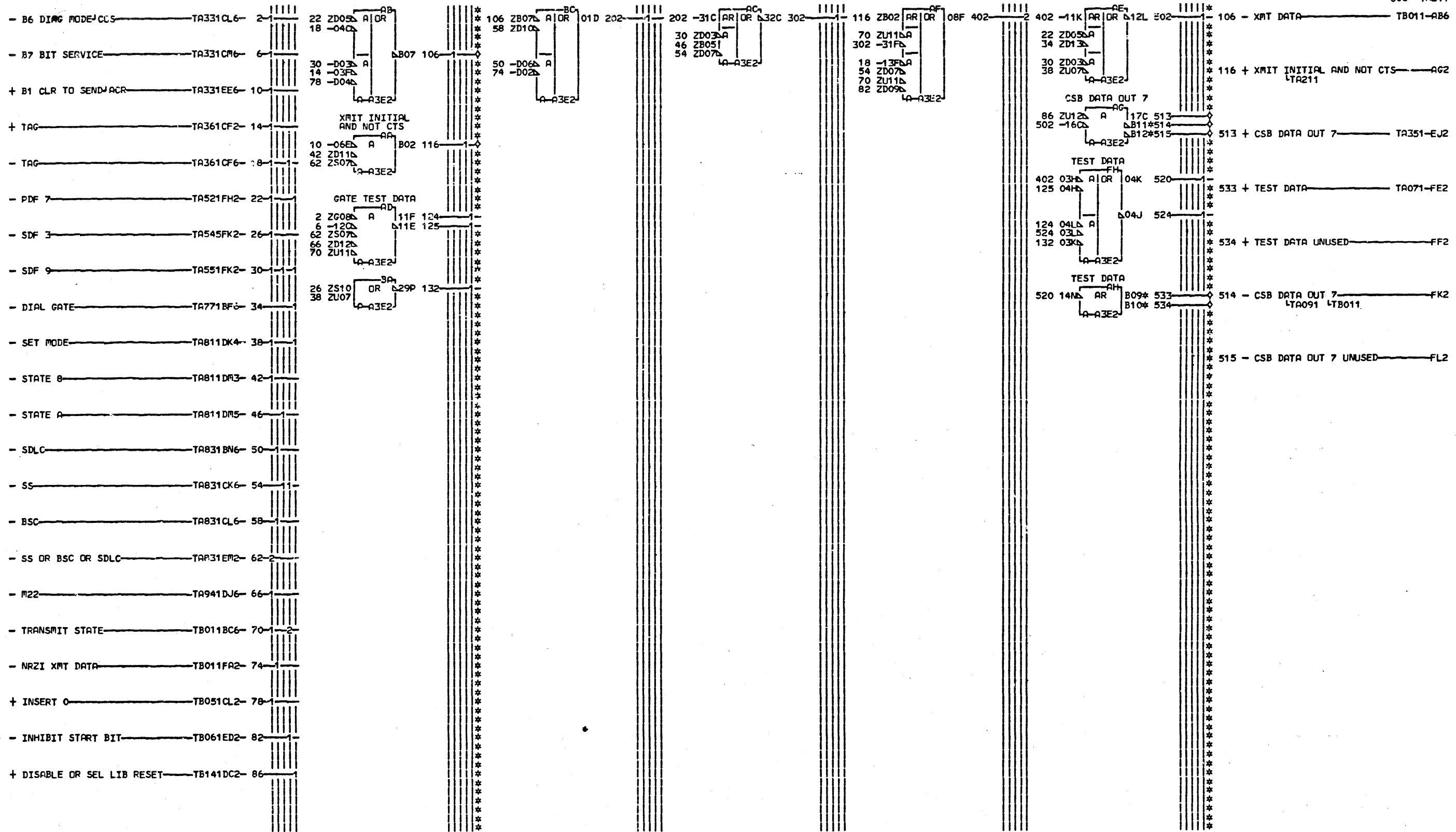


000 TA271

231 + NEW SDF 0 LTA545 LTA571 CB6
 252 + NEW SDF 1 LTA545 LTA571 CD6
 217 + NEW SDF 2 LTA545 LTA571 CF6
 238 + NEW SDF 3 LTA545 LTA571 CH6
 210 + NEW SDF 4 LTA545 LTA571 CK6
 268 + NEW SDF 8 LTA551 LTA571 EJ4
 258 + NEW SDF 9 LTA551 LTA571 EL4
 224 + NEW SDF 5 LTA551 LTA571 FC6
 245 + NEW SDF 6 LTA551 LTA571 FE6
 203 + NEW SDF 7 LTA551 LTA571 FG6

TA271
000

NEW SDF 0-9
 E.C. HISTORY E-MACH.3705
 FRAME 01
 IBM CORP. SDD TA271
 DATE LAST EC 11-25-80 344401
 P.N. 8550271 000



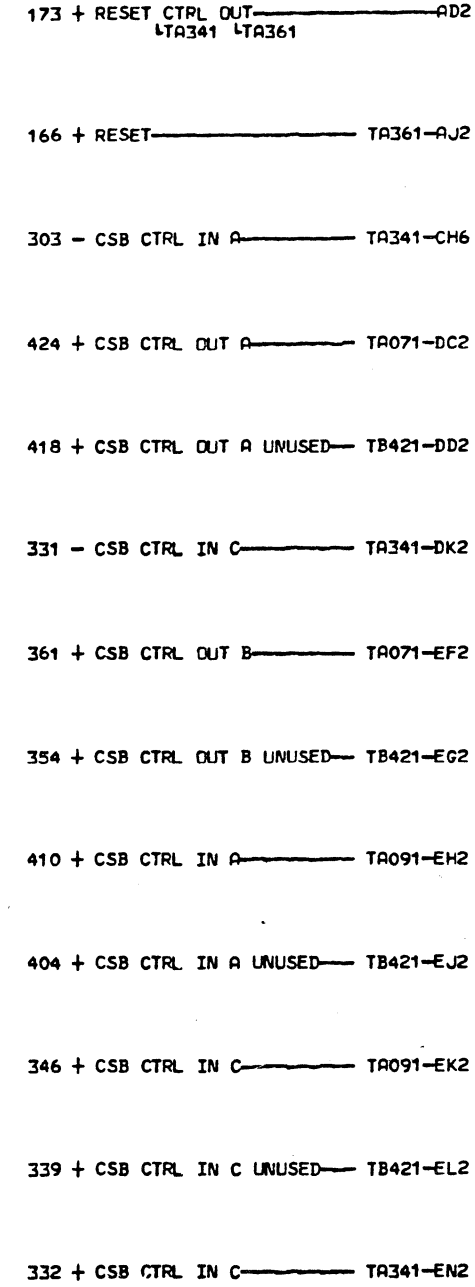
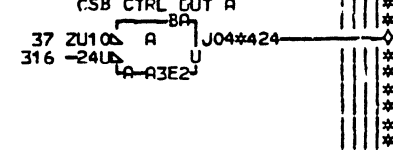
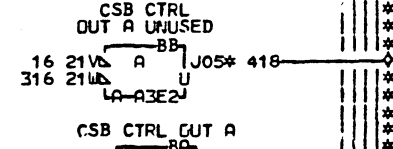
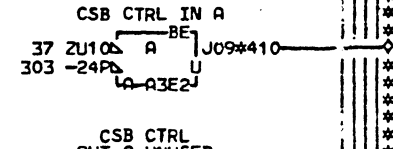
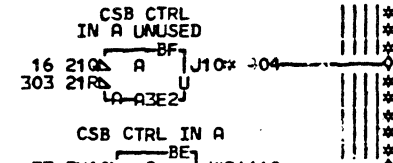
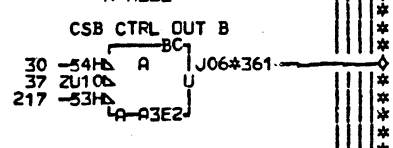
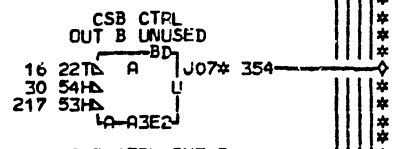
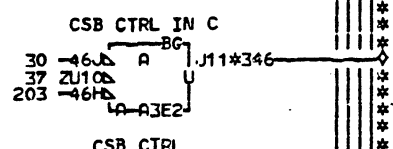
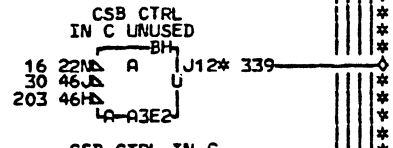
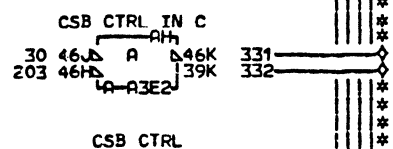
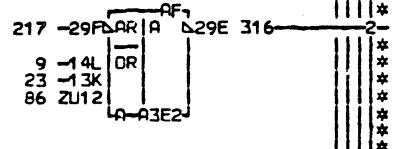
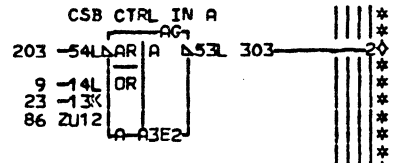
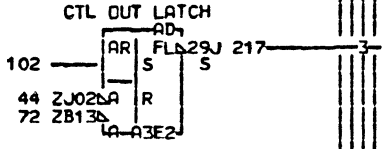
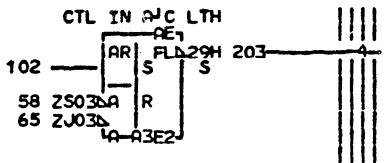
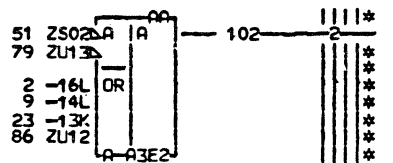
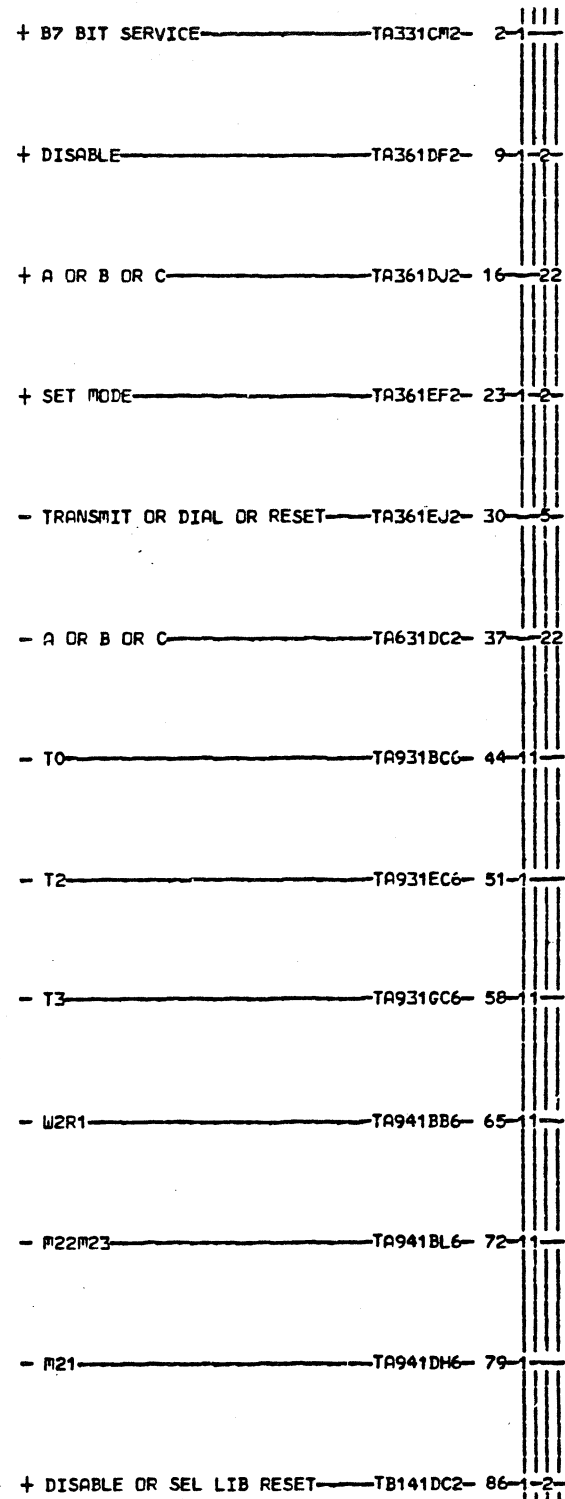
- B6 DIAG MODE/CCS TA331CL6 2
- B7 BIT SERVICE TA331CM6 6
- + B1 CLR TO SEND/ACR TA331EE6 10
- + TAG TA361CF2 14
- TAG TA361CF6 18
- PDF 7 TA521FH2 22
- SDF 3 TA545FK2 26
- SDF 9 TA551FK2 30
- DIAL GATE TA771BF6 34
- SET MODE TA811DK4 38
- STATE B TA811DM3 42
- STATE A TA811DM5 46
- SDLC TA831BN6 50
- SS TA831CK6 54
- BSC TA831CL6 58
- SS OR BSC OR SDLC TA831EM2 62-2
- M22 TA941DJ6 66
- TRANSMIT STATE TB011BC6 70-2
- NRZI XMT DATA TB011FA2 74
- + INSERT 0 TB051CL2 78
- INHIBIT START BIT TB061ED2 82
- + DISABLE OR SEL LIB RESET TB141DC2 86

- 106 - XMT DATA TB011-AB6
- 116 + XMIT INITIAL AND NOT CTS TA211
- 513 + CSB DATA OUT 7 TA351-EJ2
- 533 + TEST DATA TA071-FE2
- 534 + TEST DATA UNUSED FF2
- 514 - CSB DATA OUT 7 FK2
- 515 - CSB DATA OUT 7 UNUSED FL2

EDGE CONN.
 514 A-A3U1D13
 515 A-A3U1D13
 533 A-A3C1C11
 534 A-A3N1C11

LOC. TYPE
 A-A3E2 7613

CSB DATA OUT 7	
TEST DATA	
E.C.-HISTORY	E-MACH-3705
FRAME	01
DATE	LAST EC
11-25-80	344401
P.No.	8550272
3M CORP.SDD	TA311
000	000



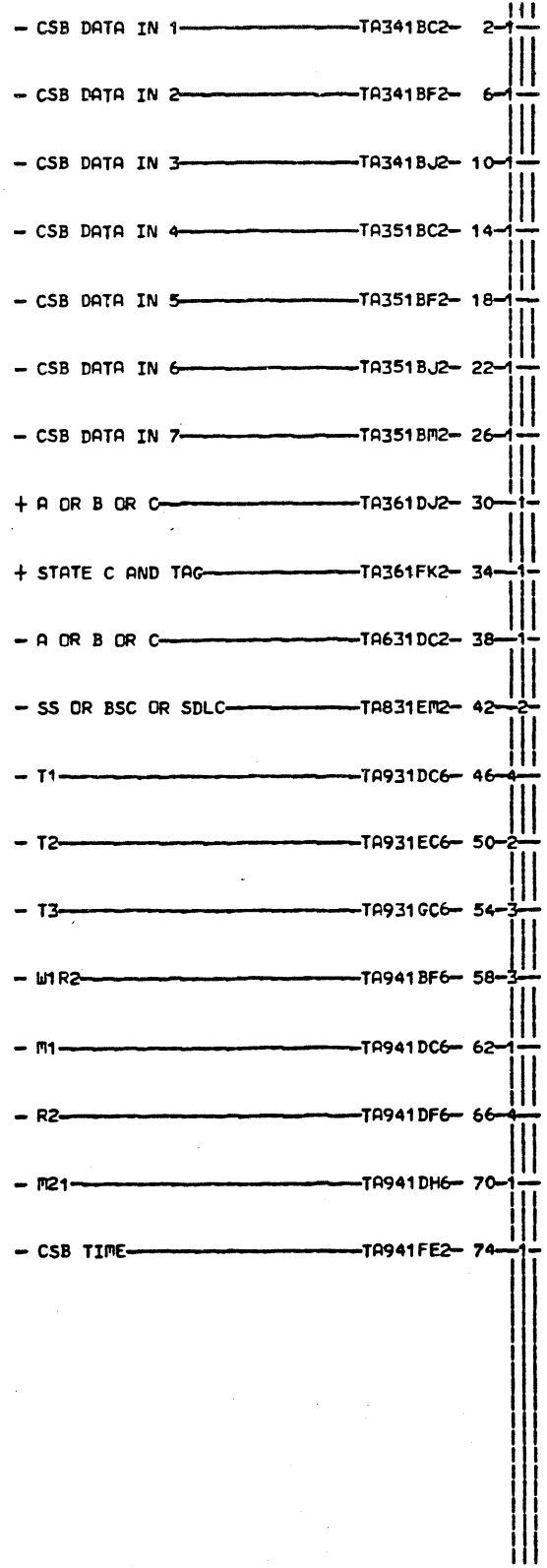
EDGE CONN.

339	A-A3T1E11
346	A-A3H1E11
354	A-A3N1B11
361	A-A3C1B11
404	A-A3T1B11
410	A-A3H1B11
418	A-A3N1A11
424	A-A3C1A11

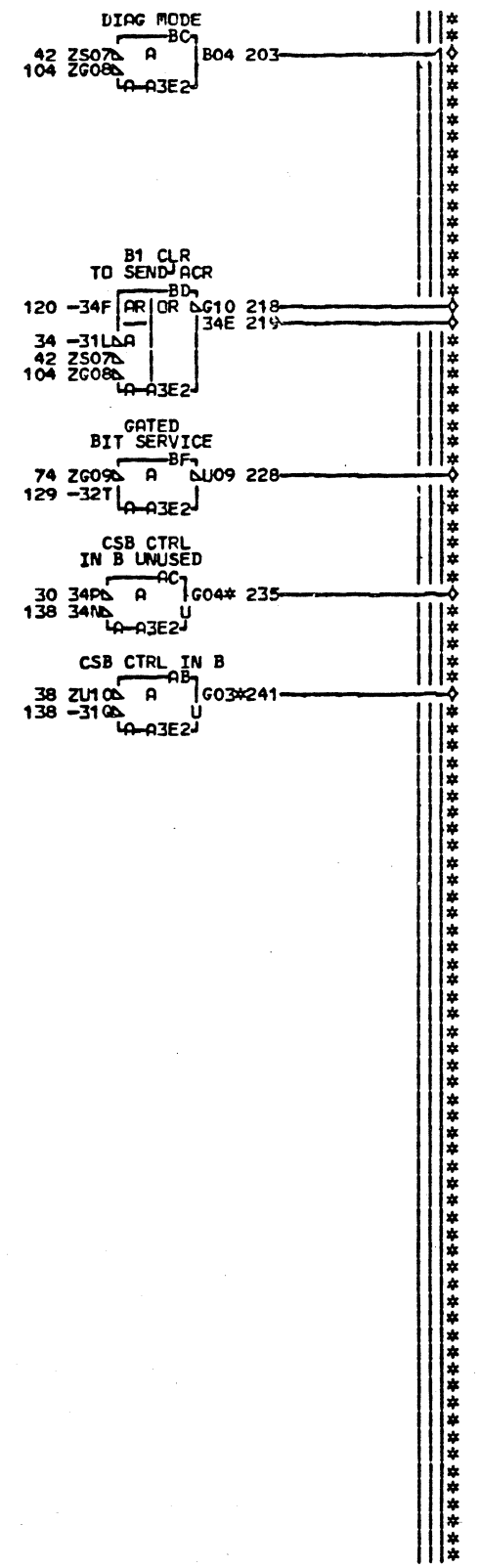
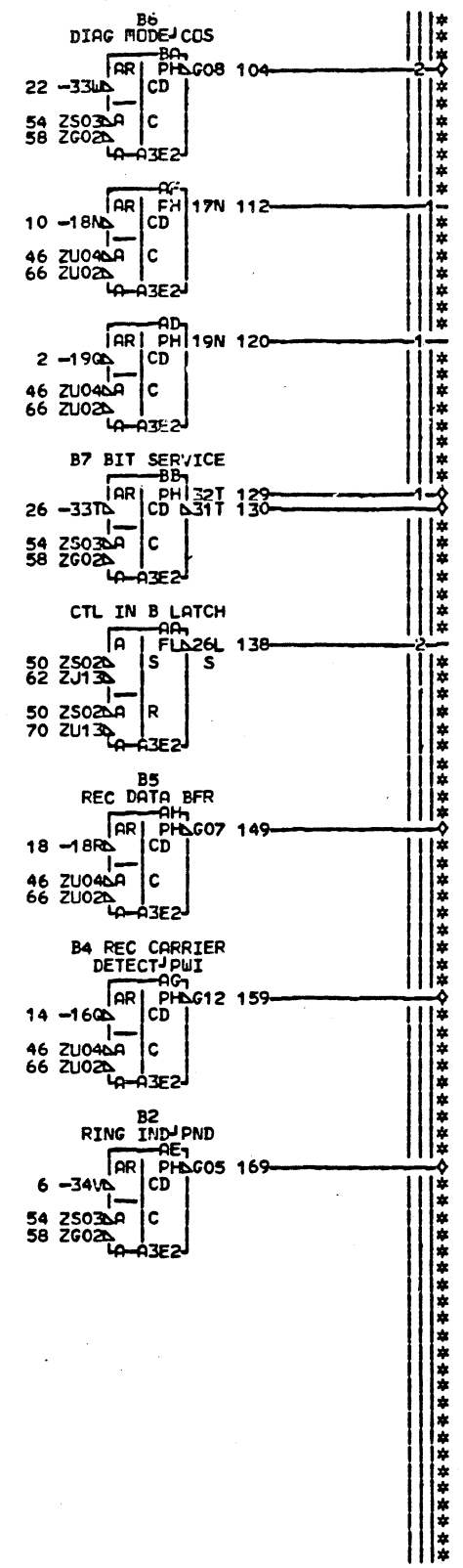
TA321
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LOC. TYPE
A-A3E2 7613

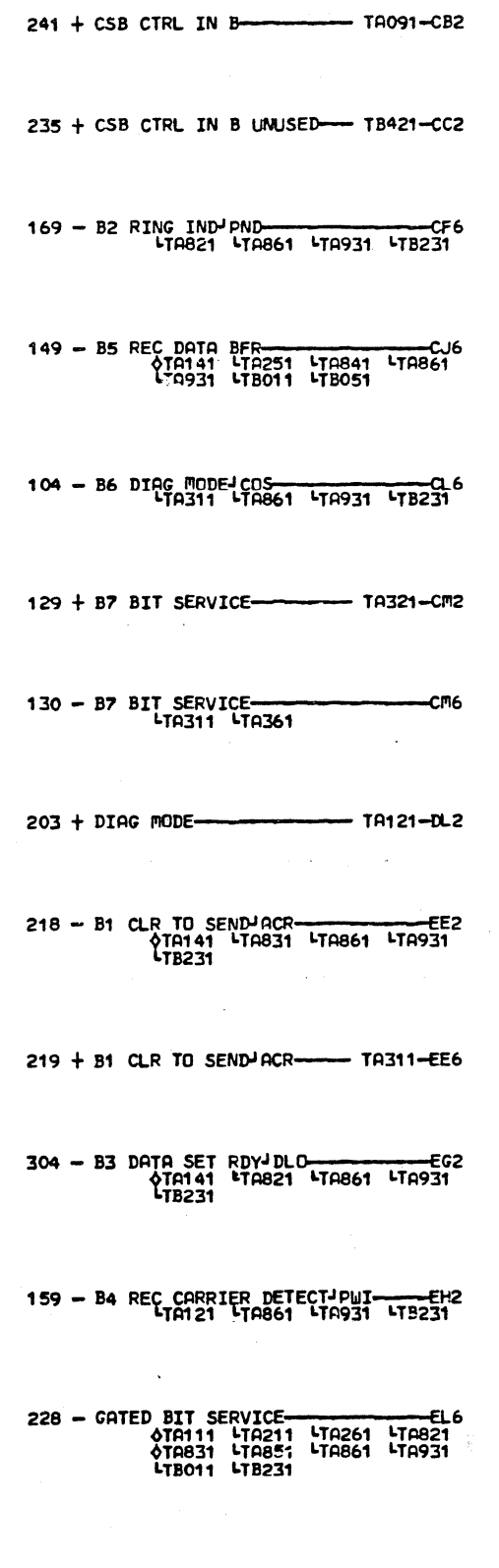
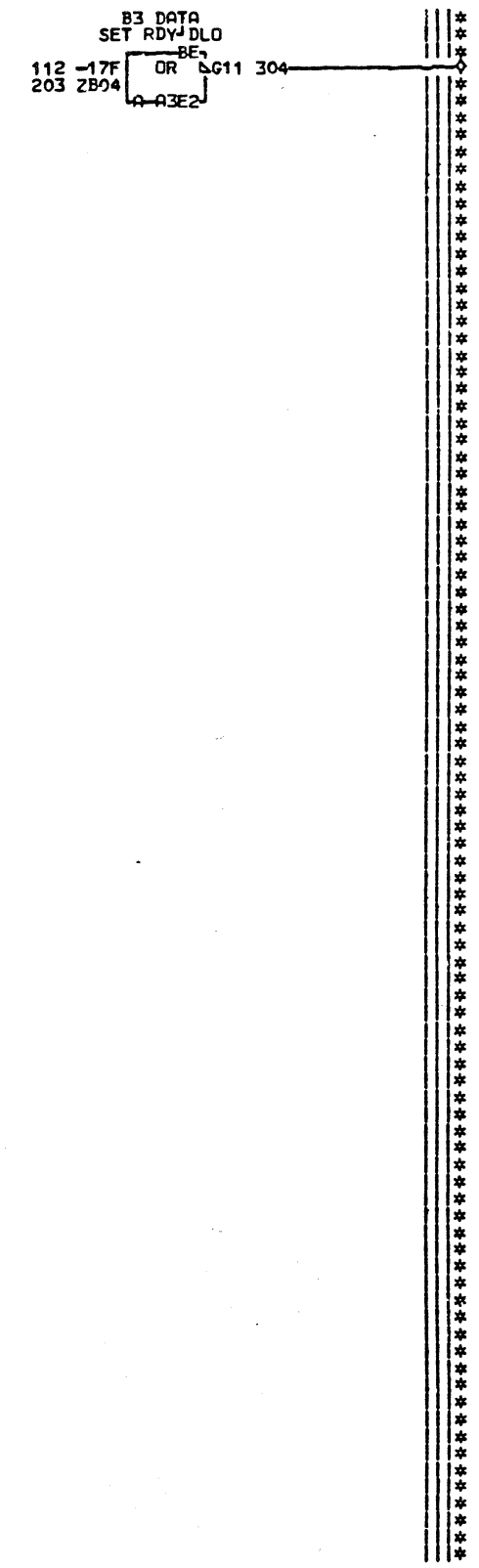
CTRL OUT A AND B CTRL IN A AND C	
E.C.-HISTORY	E-MACH.3705
DATE LAST EC 11-25-80 344401	FRAME 01 IBM CORP.SDD TA321 P.N. 8550273 000



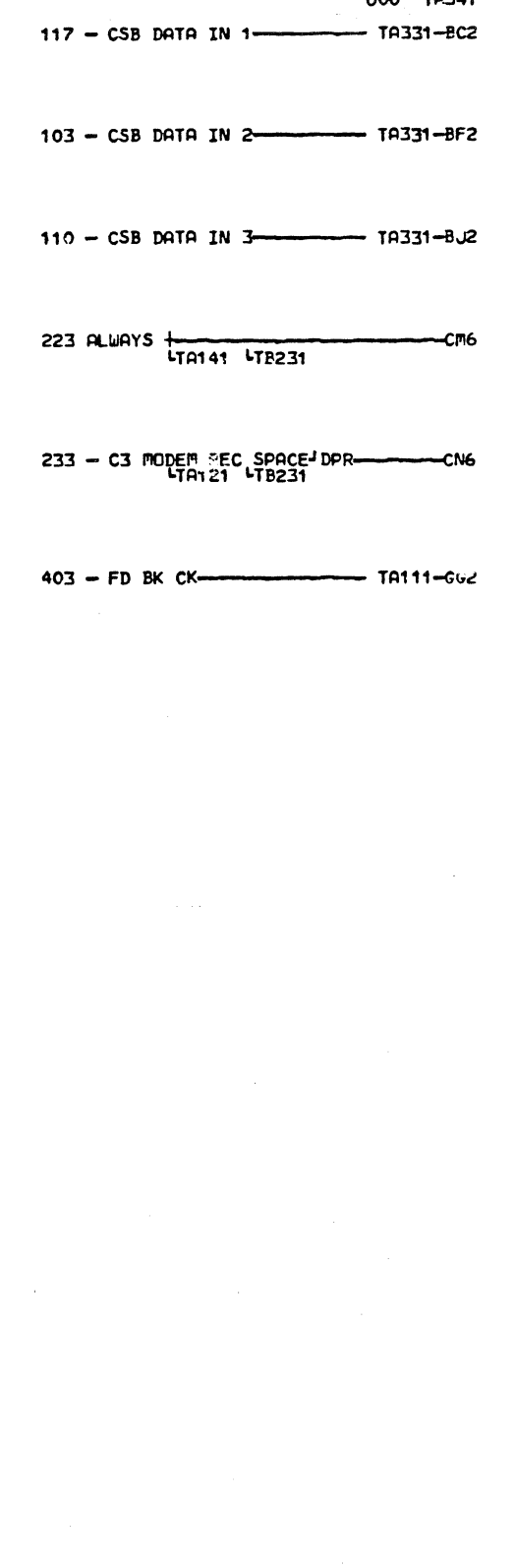
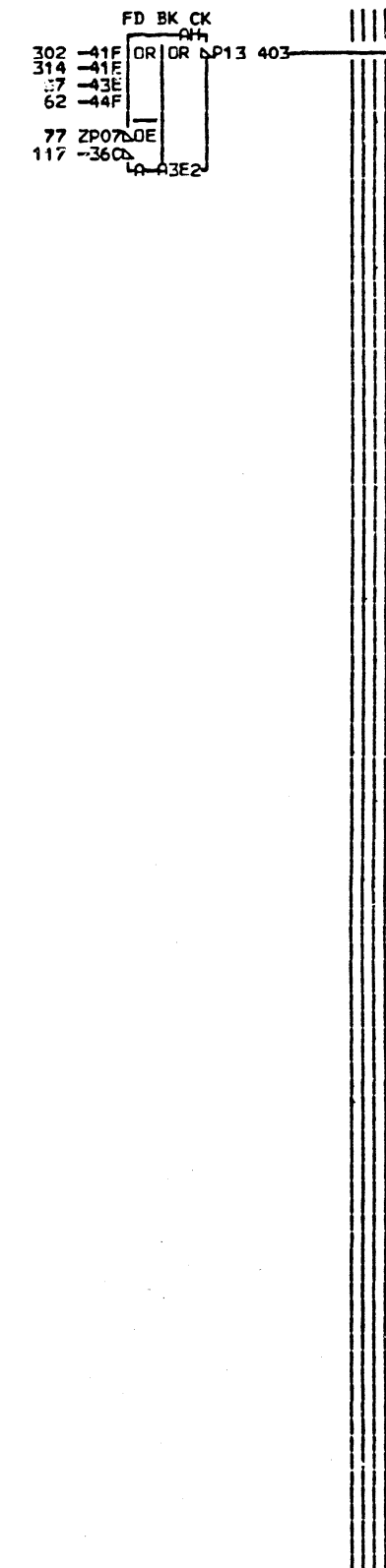
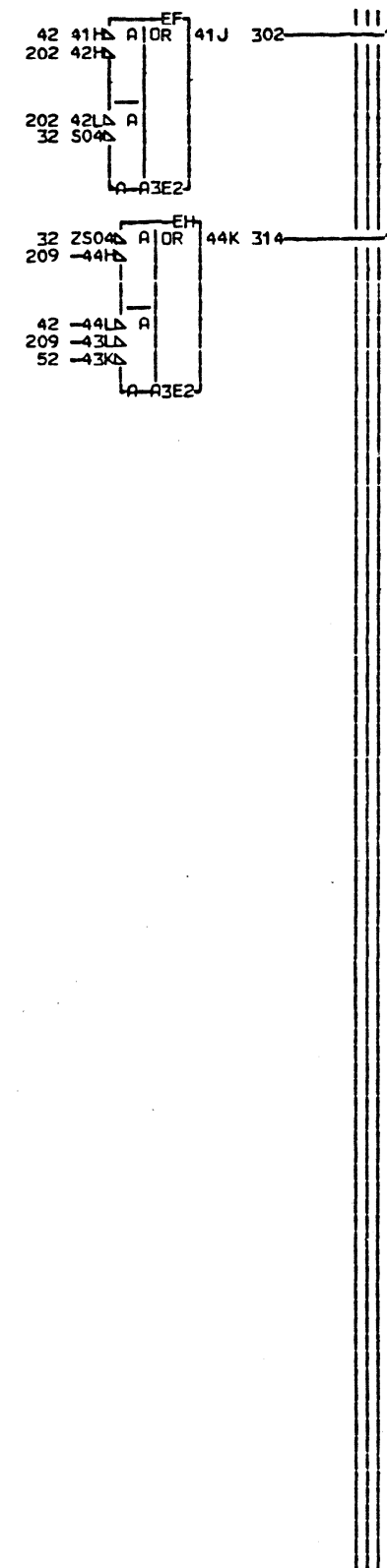
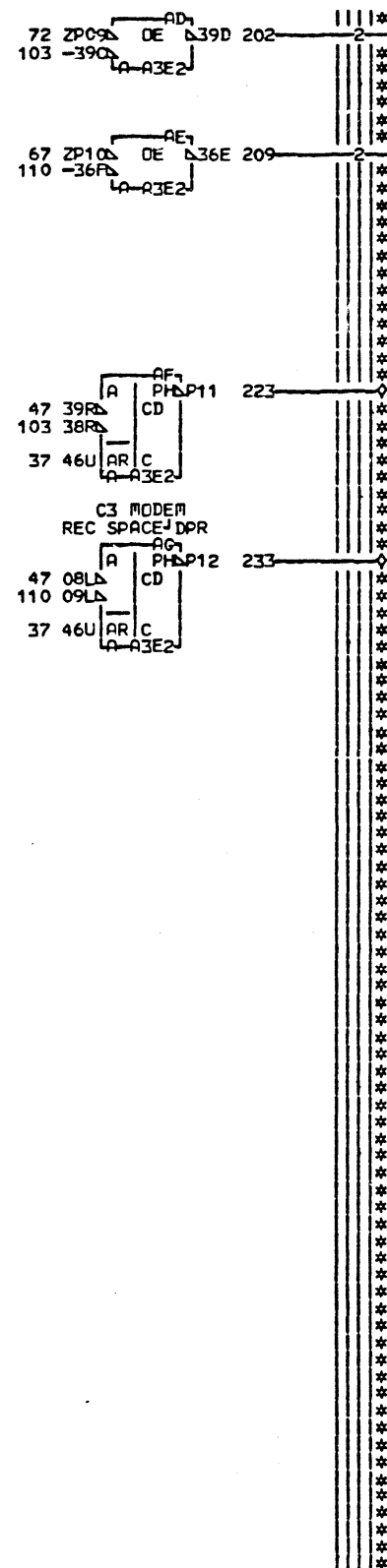
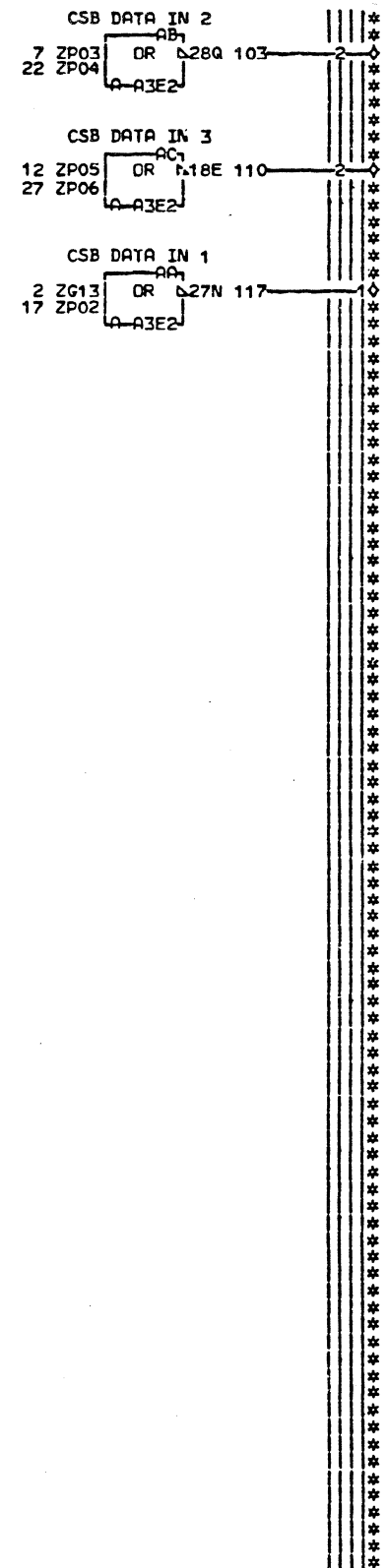
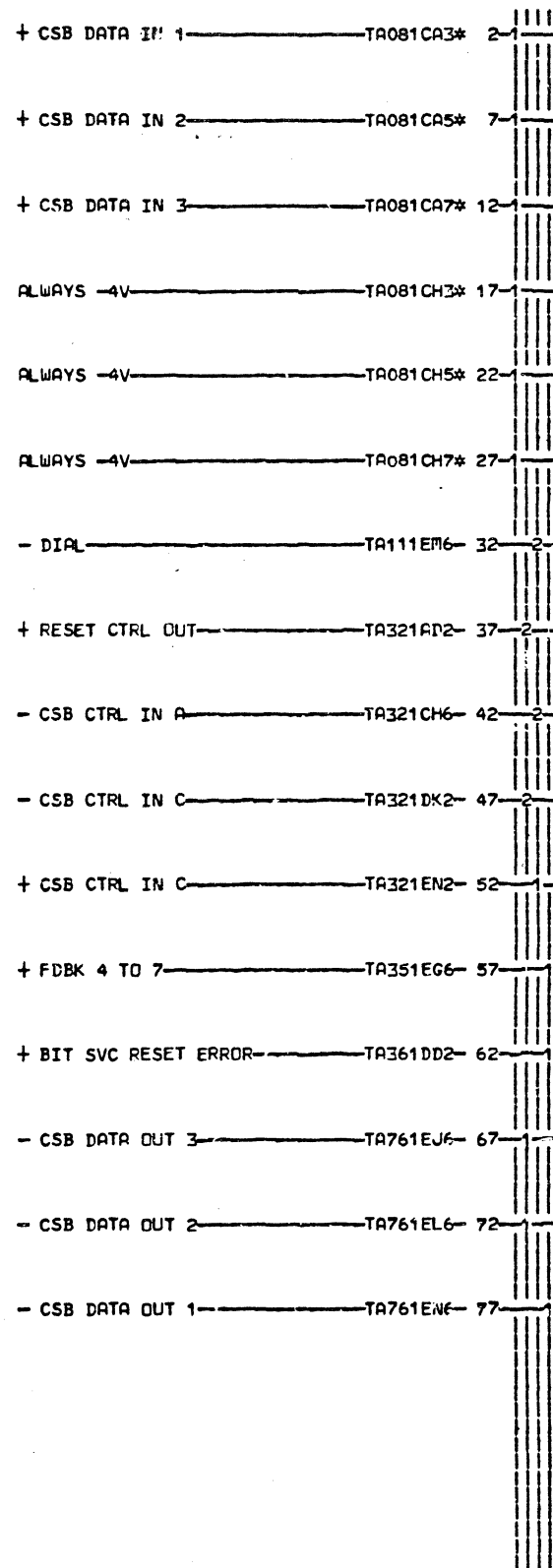
EDGE CONN.
235 A-A3T1D11
241 A-A3H1D11



LOC. TYPE
A-A3E2 7613



B DATA			
E.C.	HISTORY	E	MACH.3705
		FRAME	01
DATE	LAST EC	IBM CORP.SCD	TA331
11-25-80	344401	P.N.	8550274 000



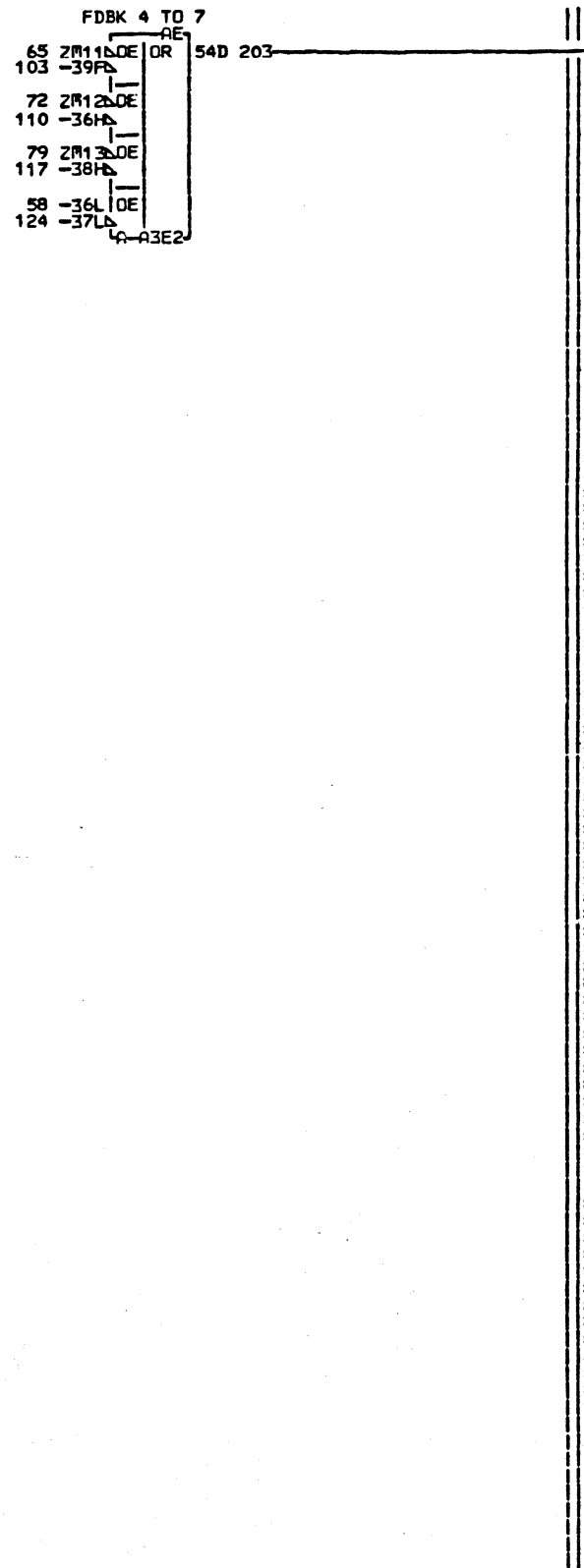
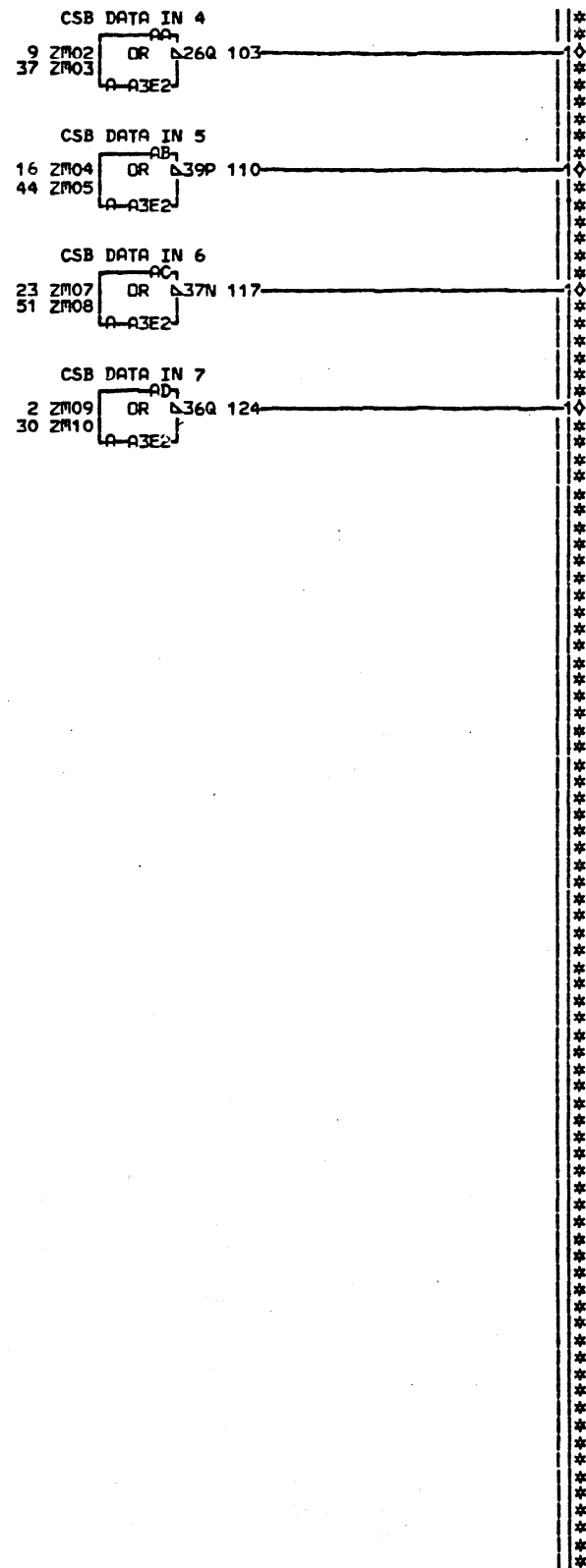
EDGE CONN.
 2 RESISTOR A-A3E2P04
 A-A3E2G13 RESISTOR
 7 RESISTOR A-A3E2P06
 A-A3E2P03
 12 RESISTOR A-A3E2P05
 A-A3E2P05
 17 RESISTOR A-A3E2P02
 A-A3E2P02
 22 RESISTOR

LOC. TYPE
 A-A3E2 7613

TA341
 000

FDBK CK DATA IN 1 TO 3 E.C.-HISTORY	MACH. 3705
DATE LAST EC 11-25-80 344401	FRAME 01 IBM CORP. SDD TA341 P.N. 8550275 000

+ CSB DATA IN 7 — TA081CC5* — 2—
 + CSB DATA IN 4 — TA081CC7* — 9—
 + CSB DATA IN 5 — TA081CD2* — 16—
 + CSB DATA IN 6 — TA081CD4* — 23—
 ALWAYS -4V — TA081CK5* — 30—
 ALWAYS -4V — TA081CK7* — 37—
 ALWAYS -4V — TA081CL2* — 44—
 ALWAYS -4V — TA081CL4* — 51—
 + CSB DATA OUT 7 — TA311EJ2— 58—
 - CSB DATA OUT 4 — TA761EE6— 65—
 - CSB DATA OUT 5 — TA761EG6— 72—
 - CSB DATA OUT 6 — TA761GC6— 79—



000 TA351

103 - CSB DATA IN 4 — TA331-BC2
 110 - CSB DATA IN 5 — TA331-BF2
 117 - CSB DATA IN 6 — TA331-BJ2
 124 - CSB DATA IN 7 — BM2
 TA331 TA361
 203 + FDBK 4 TO 7 — TA341-EG6

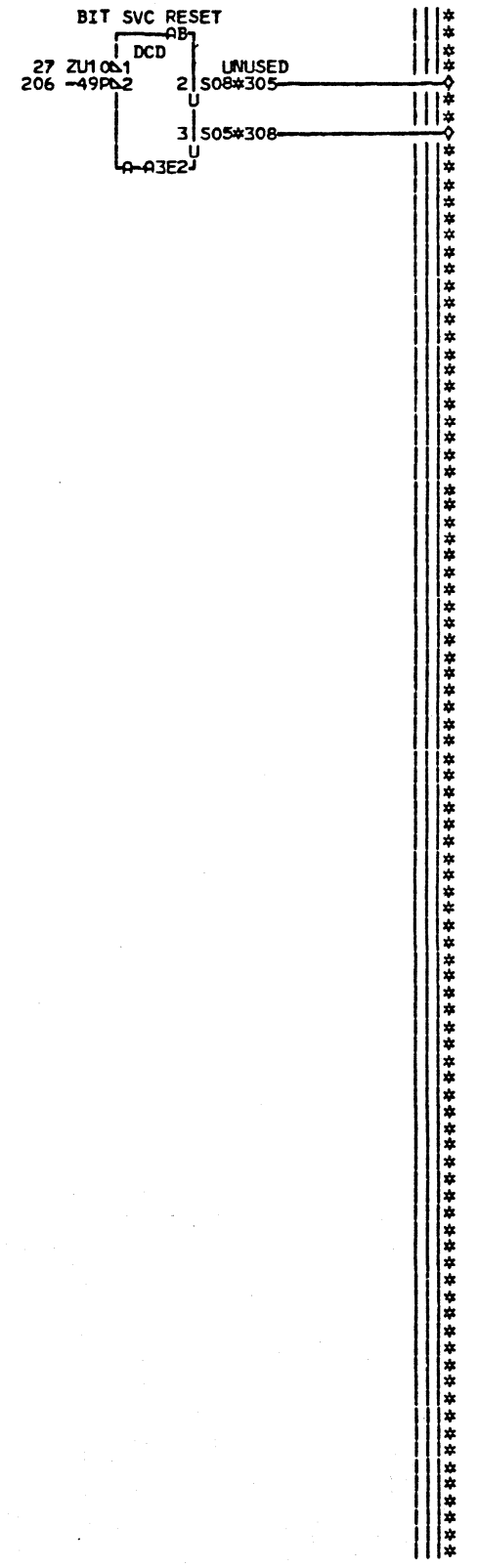
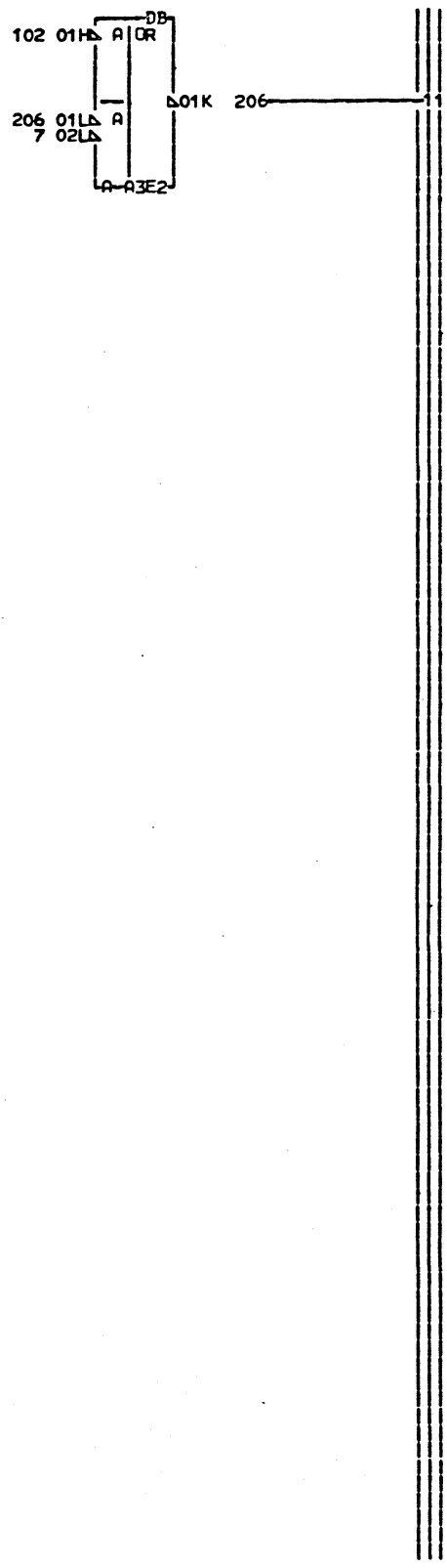
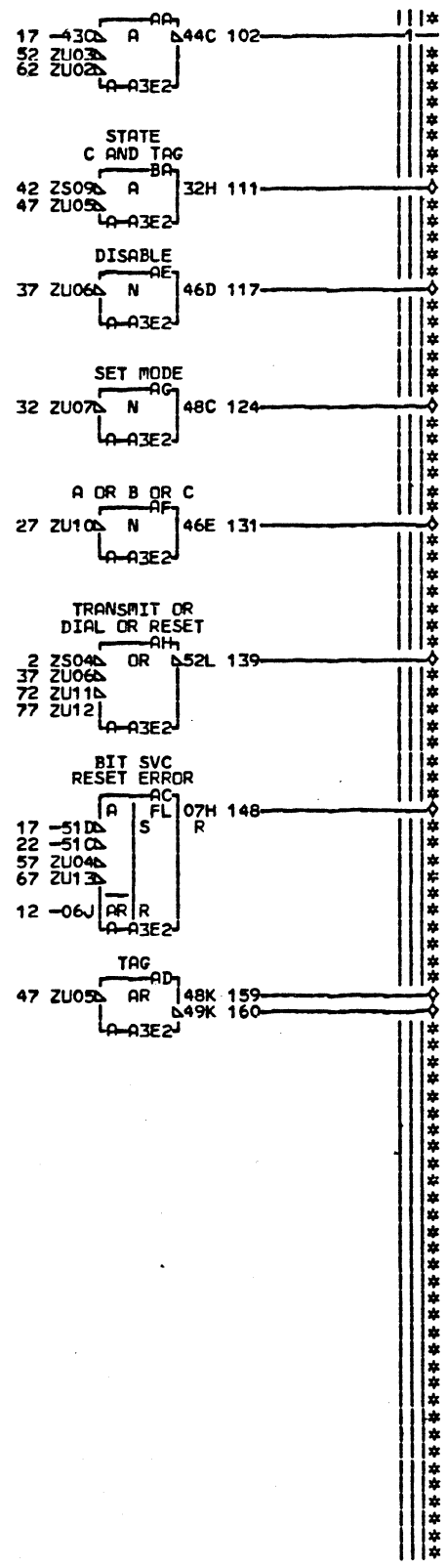
EDGE CONN.	A-A3E2M10
2 RESISTOR	37 RESISTOR
A-A3E2M09	A-A3E2M03
9 RESISTOR	44 RESISTOR
A-A3E2M02	A-A3E2M05
16 RESISTOR	51 RESISTOR
A-A3E2M04	A-A3E2M08
23 RESISTOR	
A-A3E2M07	
30 RESISTOR	

LOC. TYPE
A-A3E2 7613

DATA IN 4 TO 7	
E.C. HISTORY	E. MACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CCRP. SDD	TA351
P. N.	8550276
	000

TA351
000

- DIAL TA111EM6 2-1
 + RESET CTRL OUT TA321AD2 7-1
 + RESET TA321AJ2 12-1
 - B7 BIT SERVICE TA331CM6 17-2
 - CSB DATA IN 7 TA351BM2 22-1
 - A OR B OR C TA631DC2 27-1
 - SET MODE TAB11DK4 32-1
 - DISABLE TAB11DM0 37-2
 - STATE C TAB11DM7 42-1
 - MODIFIED TAG SDLC TAB51CH6 47-2
 + 2ND HALF DELAYED TA931AB6 52-1
 - T1 TA931DC6 57-1
 - R2 TA941DF6 62-1
 - M21 TA941DH6 67-1
 - TRANSMIT STATE TB011BC6 72-1
 + DISABLE OR SEL LIB RESET TB141DC2 77-1



000 TA361

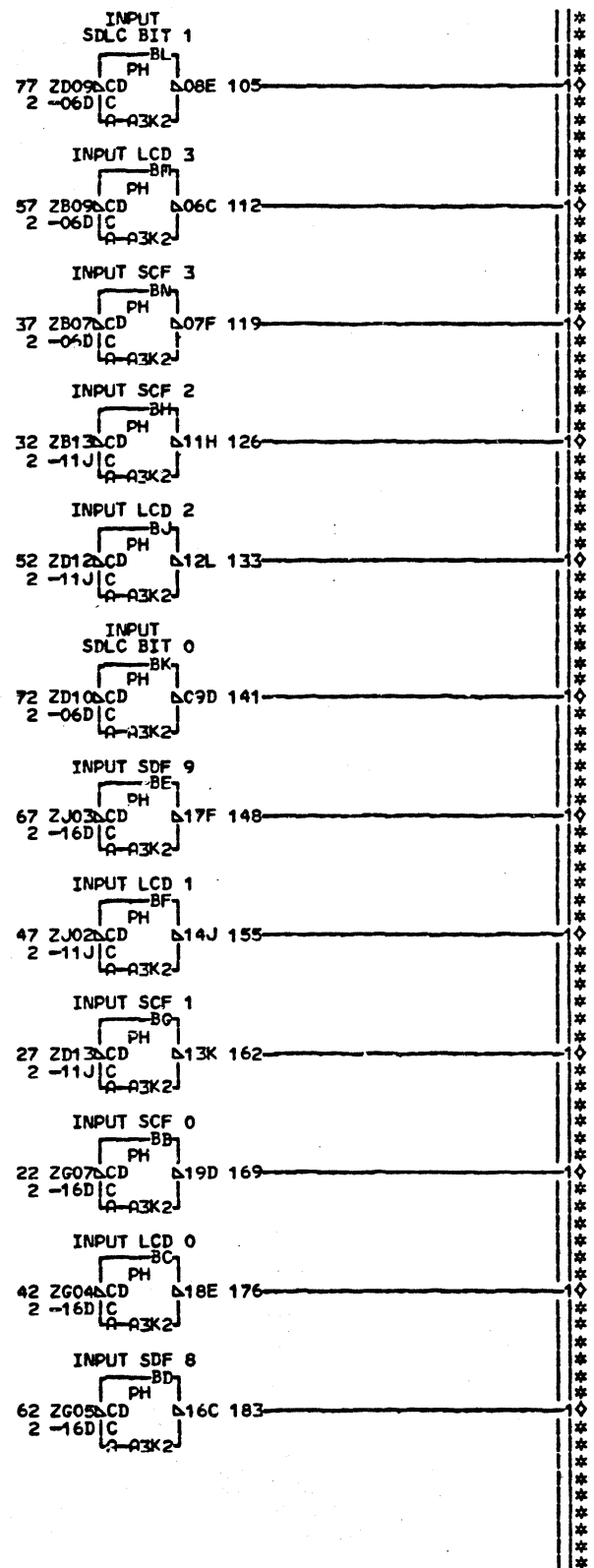
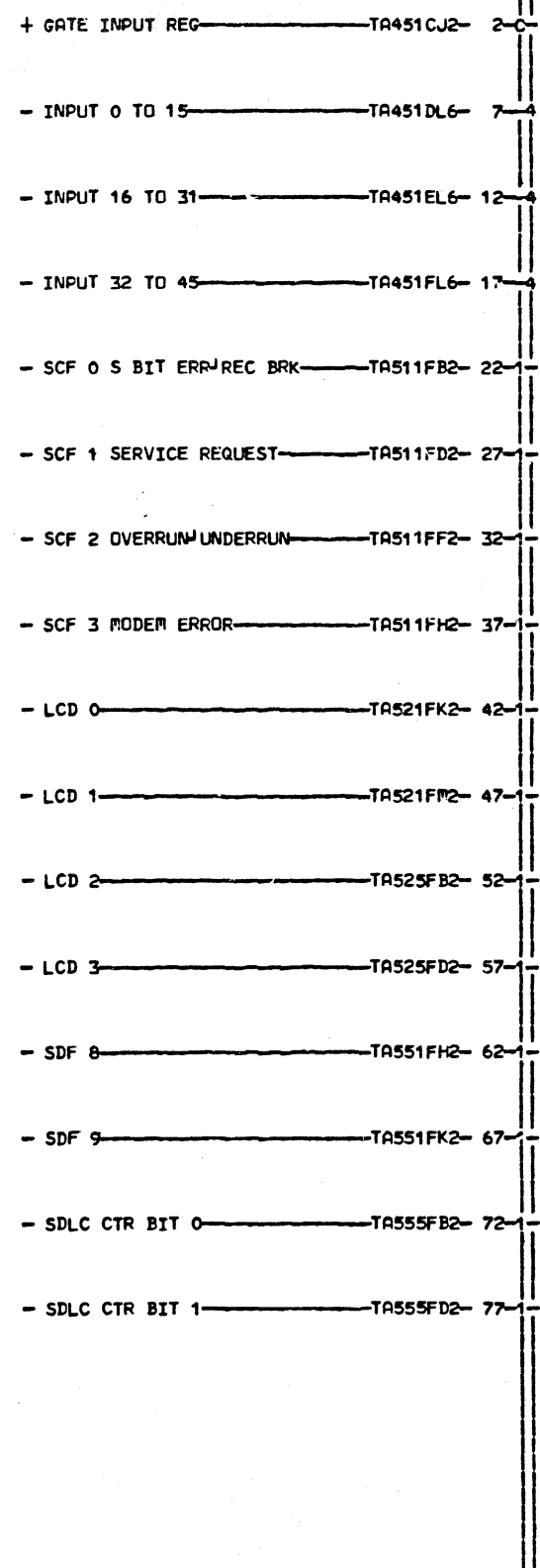
308 + BIT SVC RESET TA071-CB2
 305 + BIT SVC RESET UNUSED TB421-CC2
 159 + TAG TA311-CF2
 160 - TAG TA311-CF6
 148 + BIT SVC RESET ERROR TA341-DD2
 117 + DISABLE TA321-DF2
 131 + A OR B OR C DJ2
 LTA321 LTA331
 124 + SET MODE TA321-EF2
 139 - TRANSMIT OR DIAL OR RESET EJ2
 LTA321
 111 + STATE C AND TAG TA331-FK2

EDGE CONN.
305 A-A3N1E11
308 A-A3C1E11

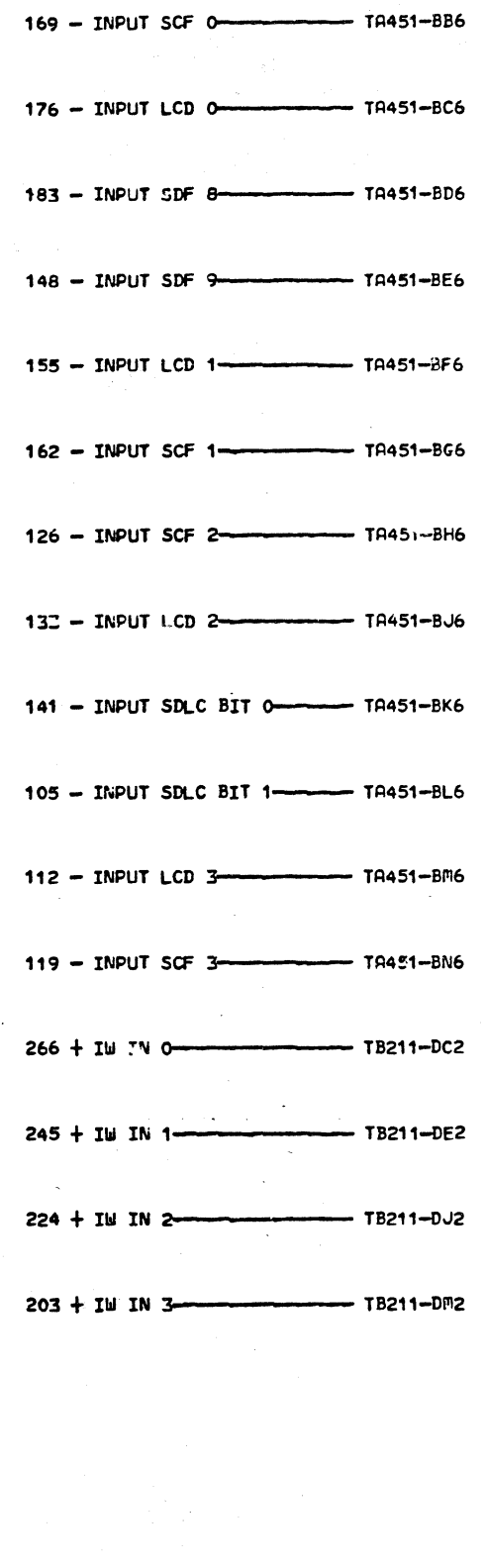
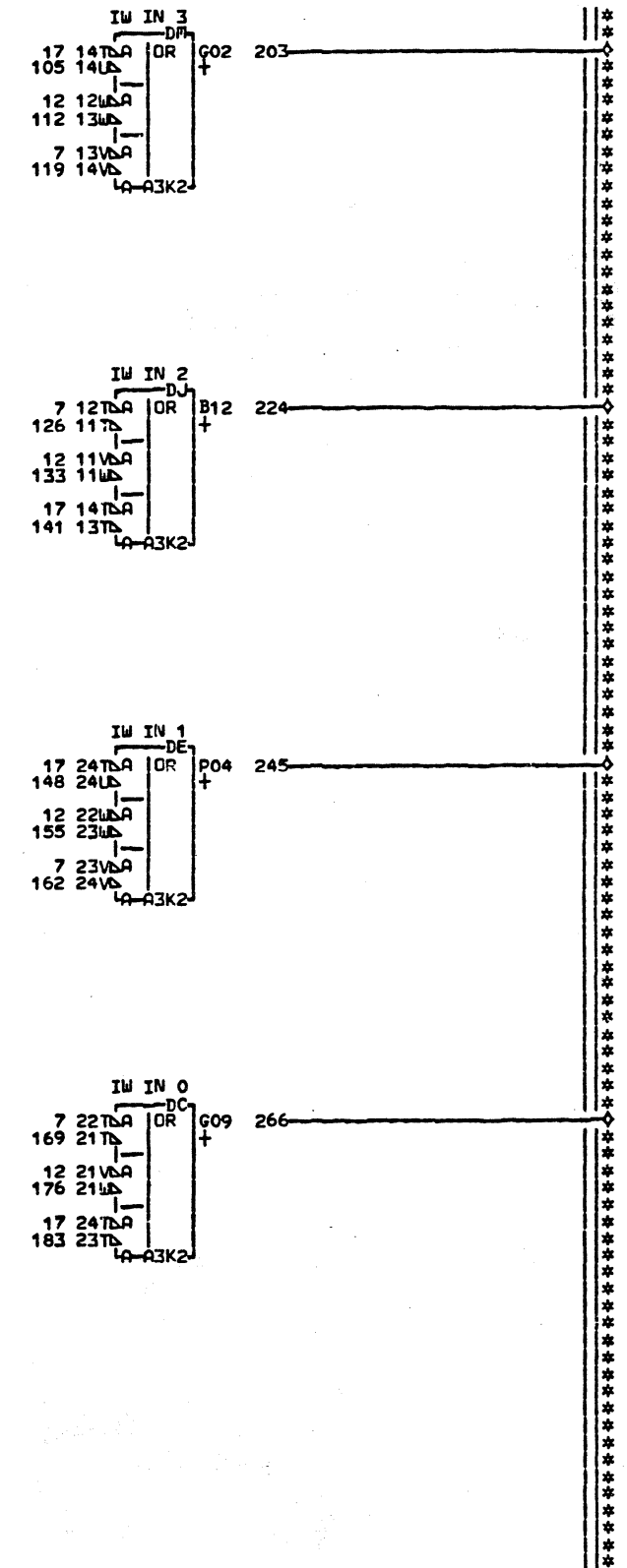
LOC. TYPE
A-A3E2 7613

BIT SVC RESET			
E.C. HISTORY	E. PACH. 3705	FRAME	01
DATE	LAST EC	IBM CORP. SCD	TA361
11-25-80	344401	P.No. 8550277	000

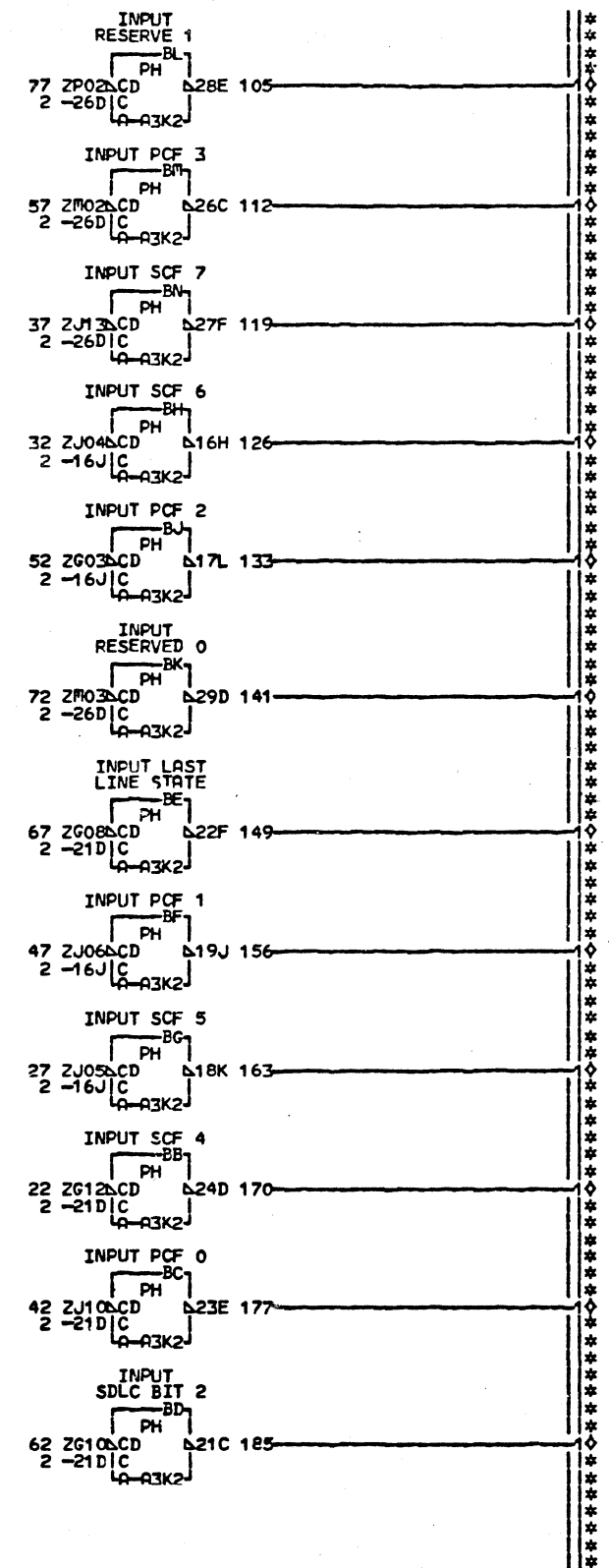
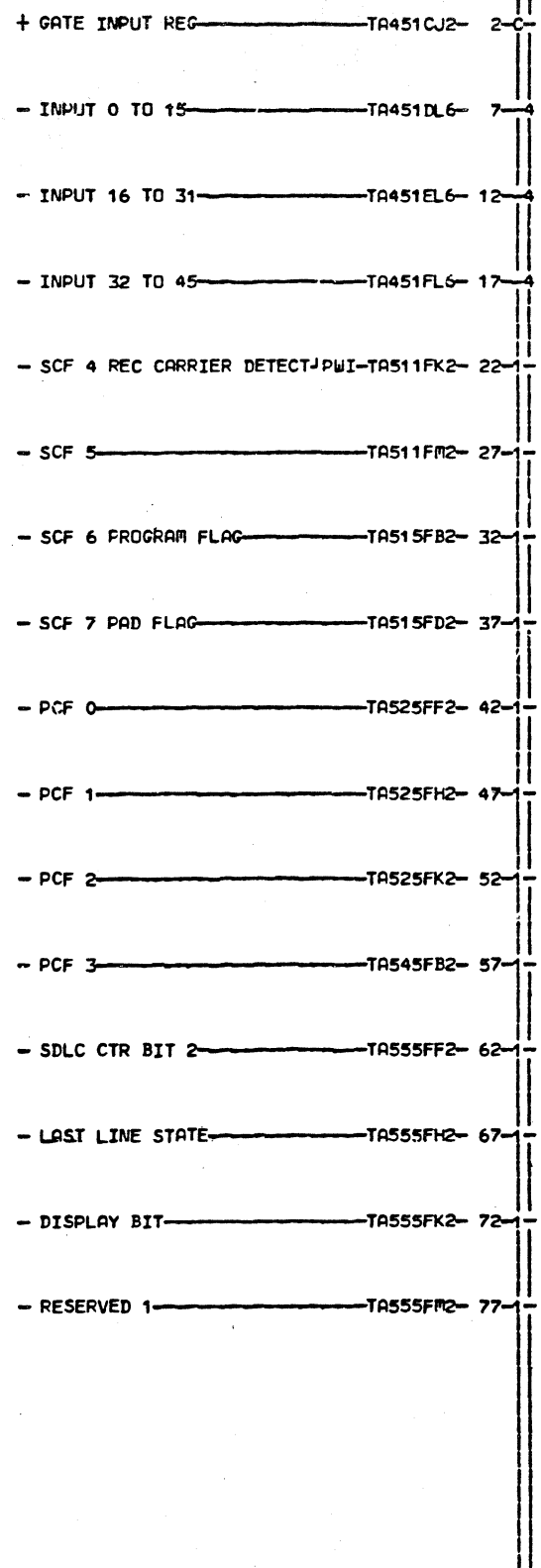
TA361
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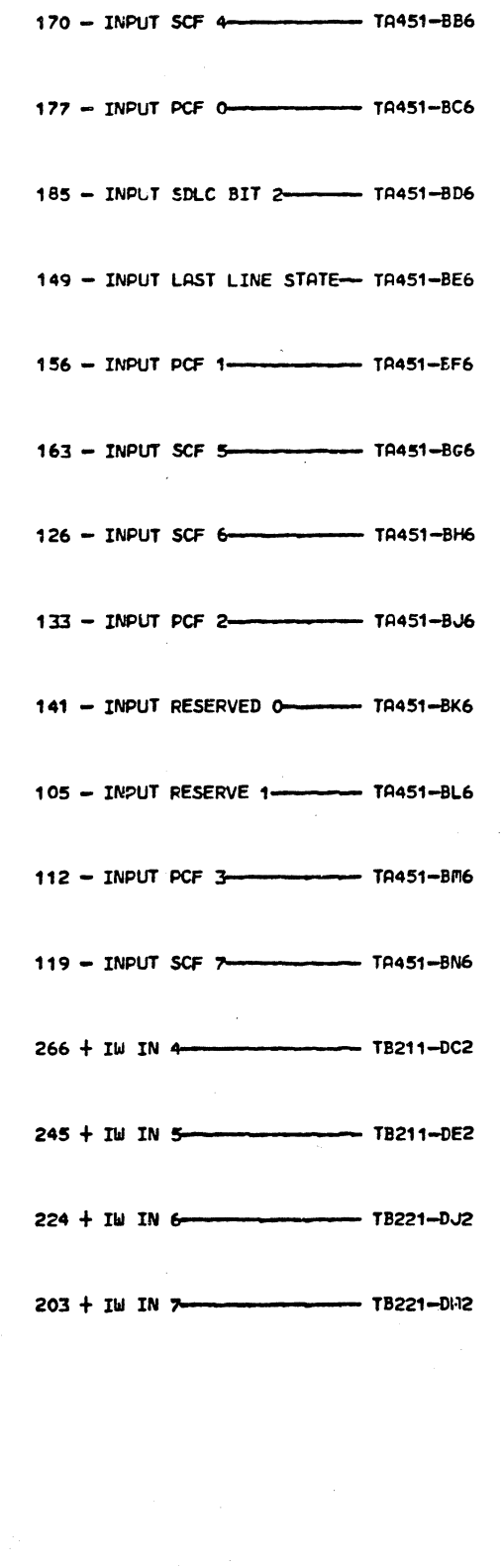
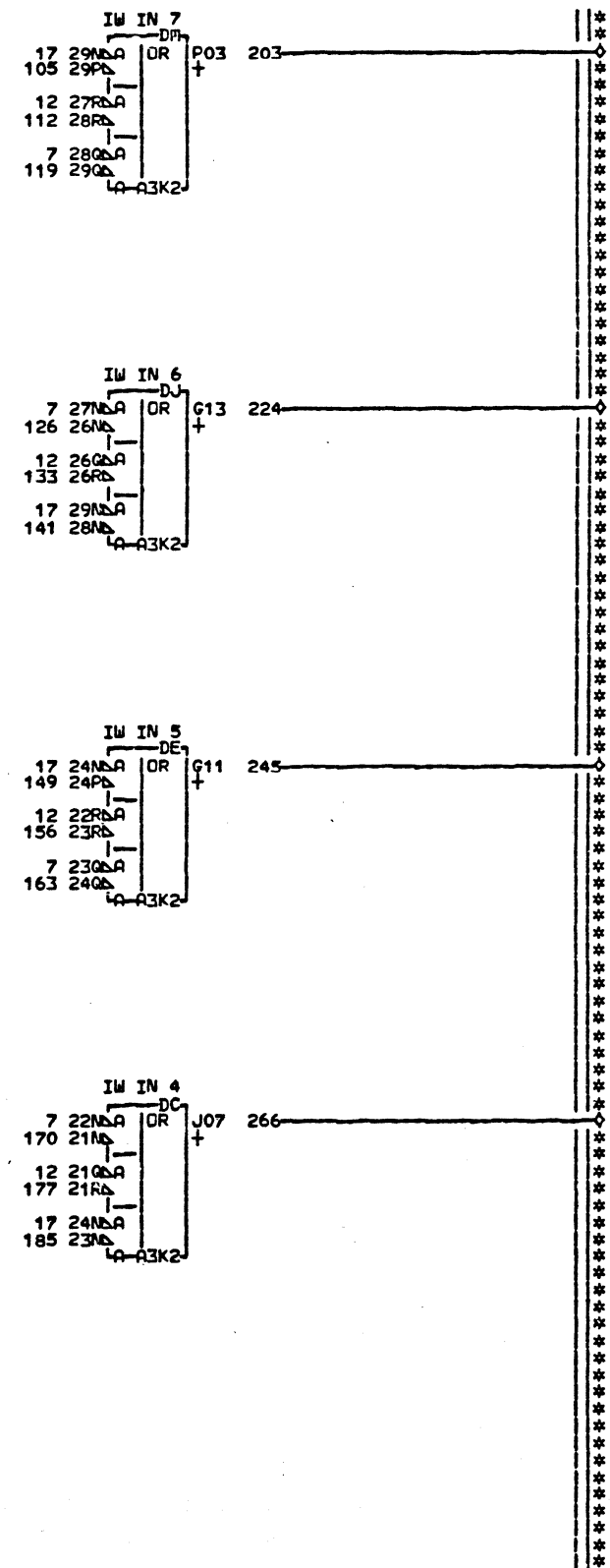
LOC. TYPE
A-A3K2 7614



INPUT REG			
E.C.-HISTORY		E-MACH.3705	
		FRAME 01	
DATE	LAST EC	IBM CORP.SDD	TA411
11-25-80	344401	P.N. 8550278	000

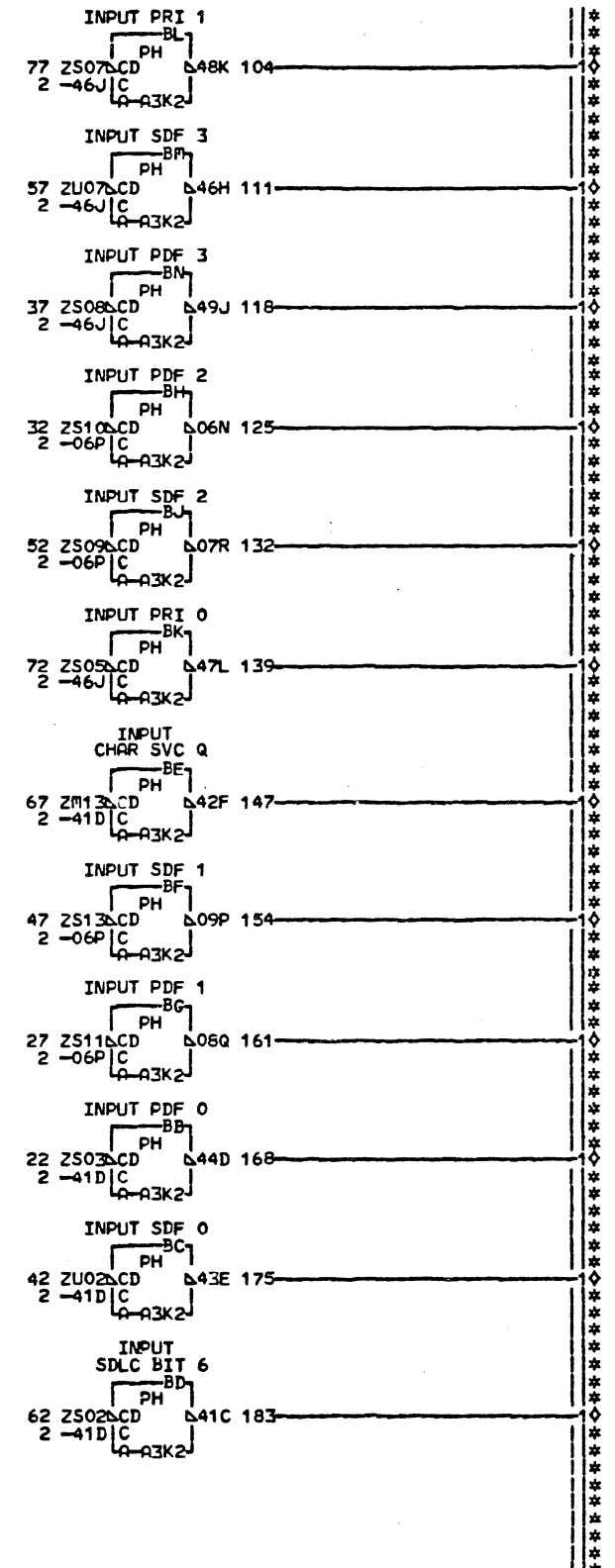


LOC. TYPE
A-A3K2 7614

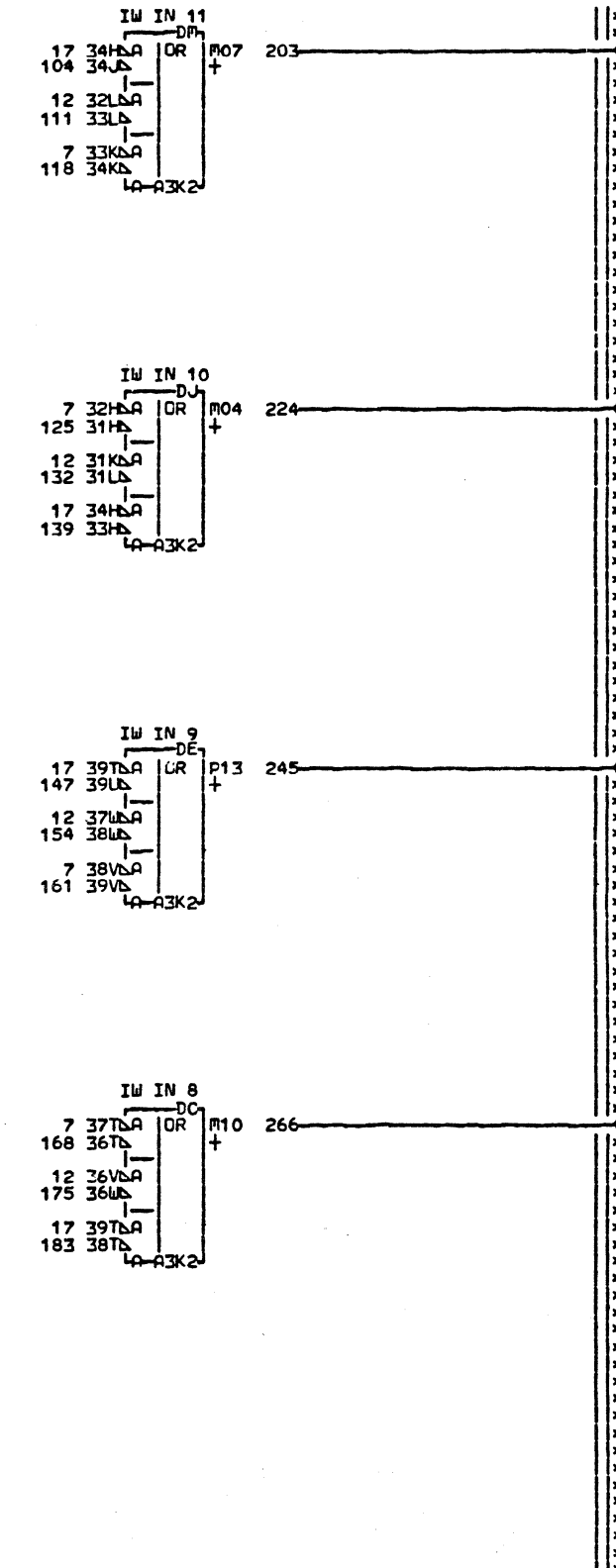


INPUT REG	
E.C. HISTORY	E. PACH. 3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP. SDD TA421
	P.N. 8550279 000

+ GATE INPUT REG TA451CJ2- 2-C
 - INPUT 0 TO 15 TA451DL6- 7-4
 - INPUT 16 TO 31 TA451EL6- 12-4
 - INPUT 32 TO 45 TA451FL6- 17-4
 - PDF 0 TA515FF2- 22-1
 - PDF 1 TA515FH2- 27-1
 - PDF 2 TA515FK2- 32-1
 - FDF 3 TA515FM2- 37-1
 - SDF 0 TA545FD2- 42-1
 - SDF 1 TA545FF2- 47-1
 - SDF 2 TA545FH2- 52-1
 - SDF 3 TA545FK2- 57-1
 - RESERVED 2 TA561FB2- 62-1
 - CHAR SVC Q TA561FD2- 67-1
 - PRIORITY 1 TA561FF2- 72-1
 - PRIORITY 2 TA561FH2- 77-1



LDC TYPE A-3K2 7614

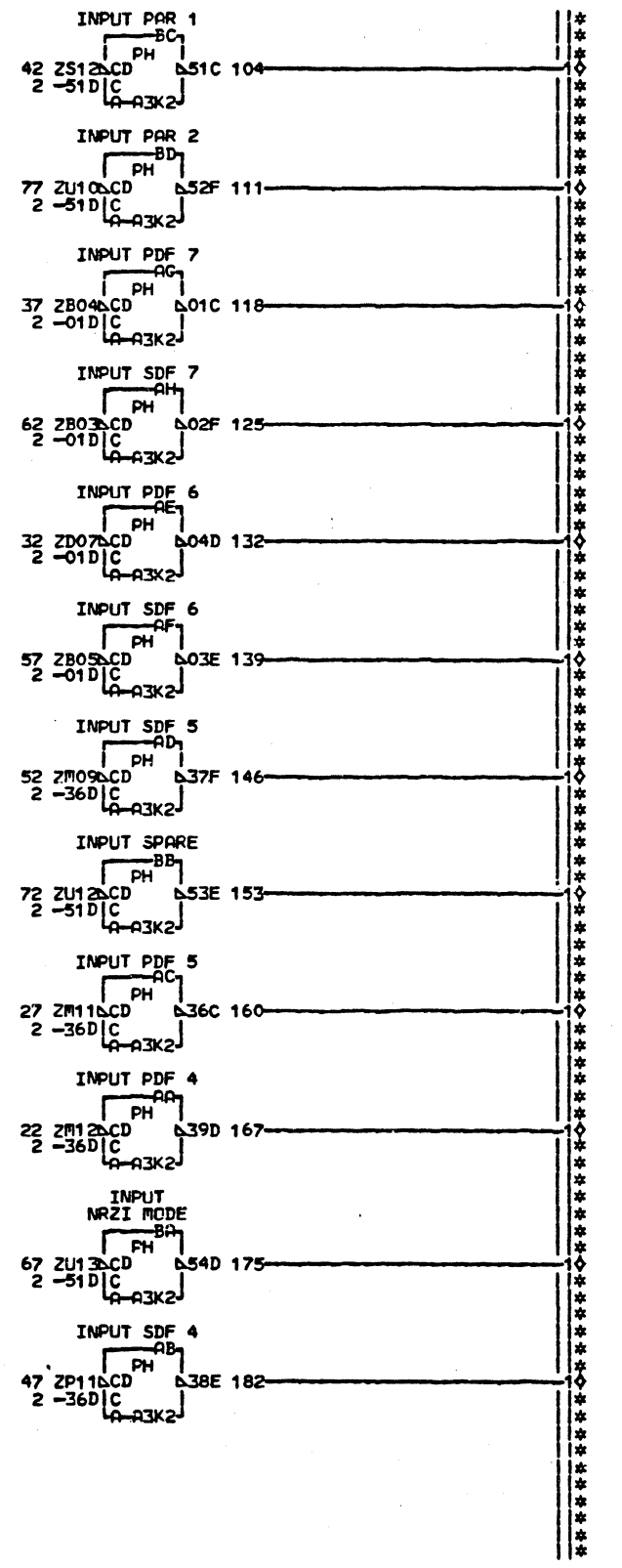
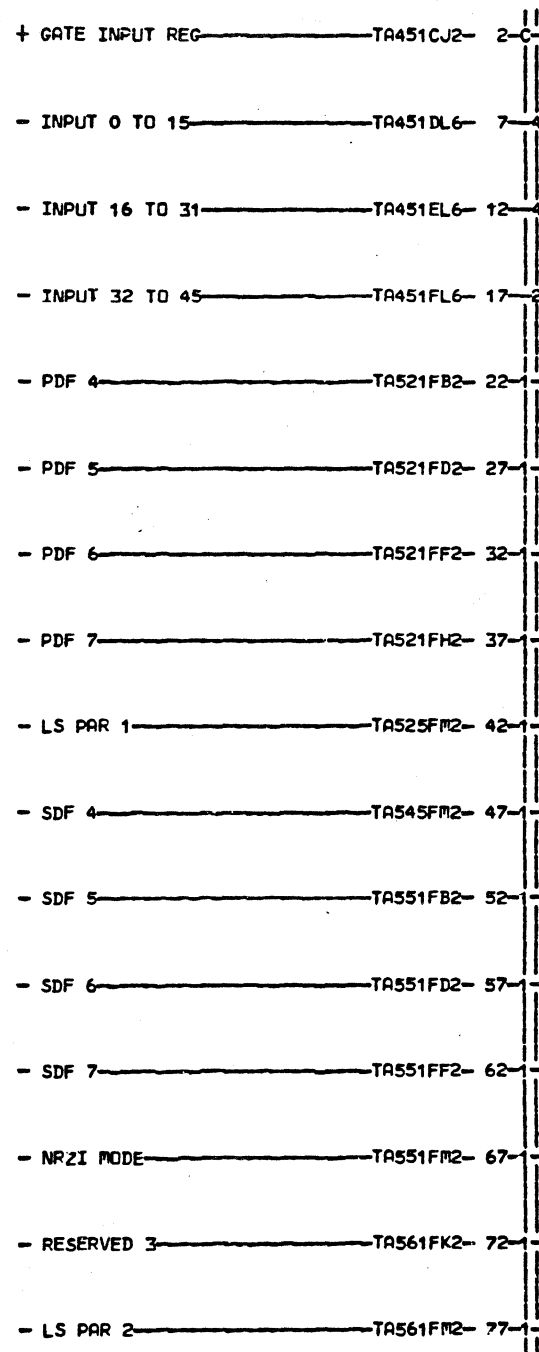


000 TA431

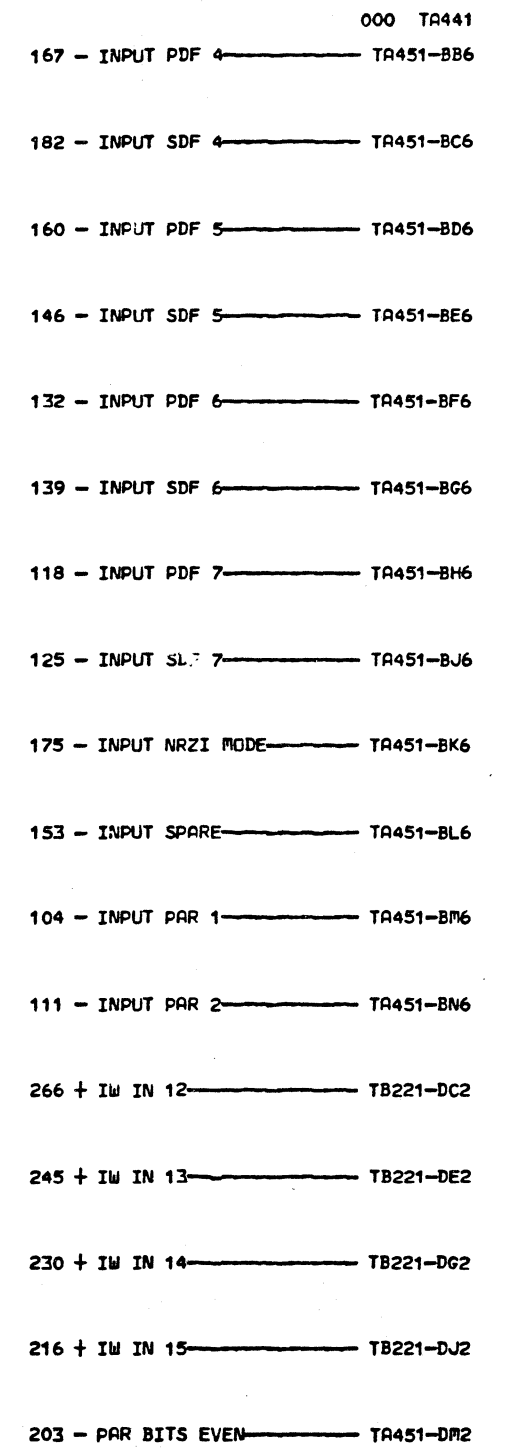
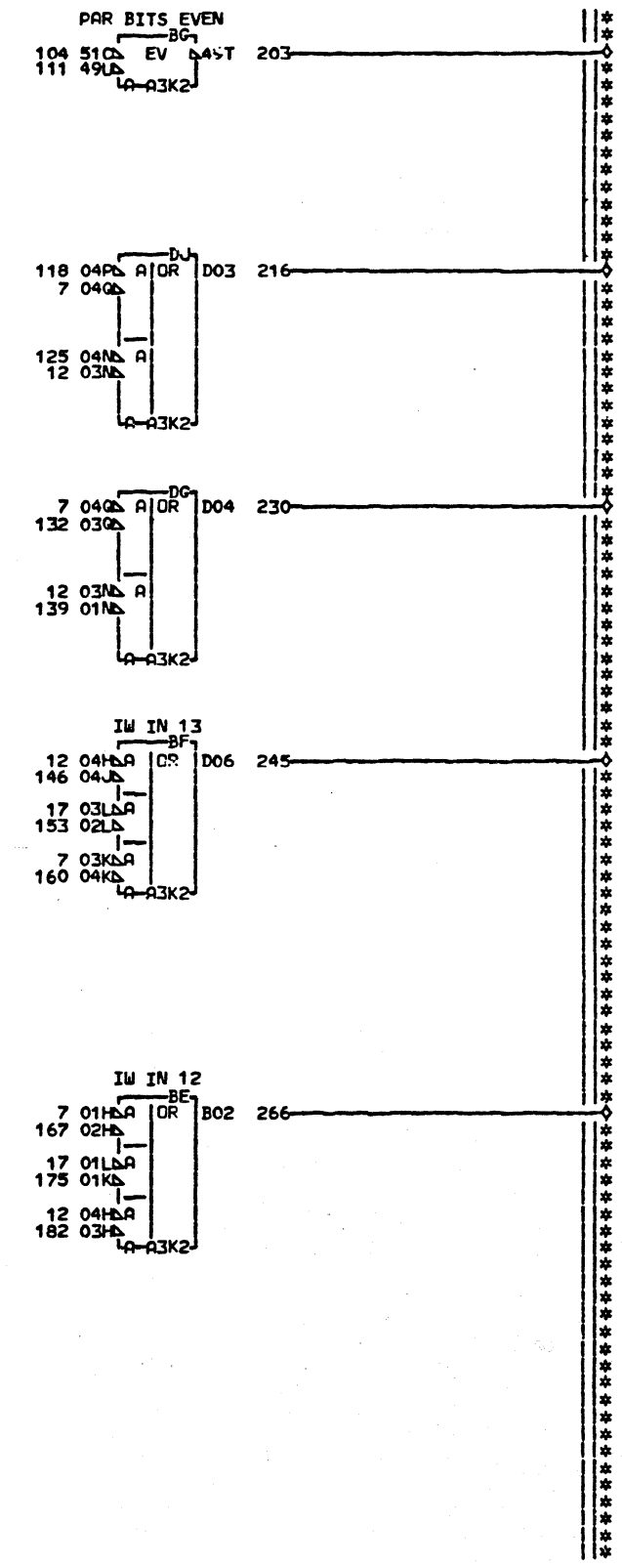
168 - INPUT PDF 0 TA451-BB6
 175 - INPUT SDF 0 TA451-BC6
 183 - INPUT SDLC BIT 6 TA451-BD6
 147 - INPUT CHAR SVC Q TA451-BE6
 154 - INPUT SDF 1 TA451-BF6
 161 - INPUT PDF 1 TA451-BG6
 125 - INPUT PDF 2 TA451-BH6
 132 - INPUT PDF 2 TA451-BJ6
 139 - INPUT PRI 0 TA451-BK6
 104 - INPUT PRI 1 TA451-BL6
 111 - INPUT SDF 3 TA451-BM6
 118 - INPUT PDF 3 TA451-BN6
 266 + IW IN 8 TB221-DC2
 245 + IW IN 9 TB221-DE2
 224 + IW IN 10 TB221-DJ2
 203 + IW IN 11 TB221-DM2

TA431
000

INPUT REG	
E.C.-HISTORY	E-MACH.3705
DATE	FRAME 01
LAST EC	IBM CORP.SDD TA431
11-25-80 344401	P.No. 8550280 000



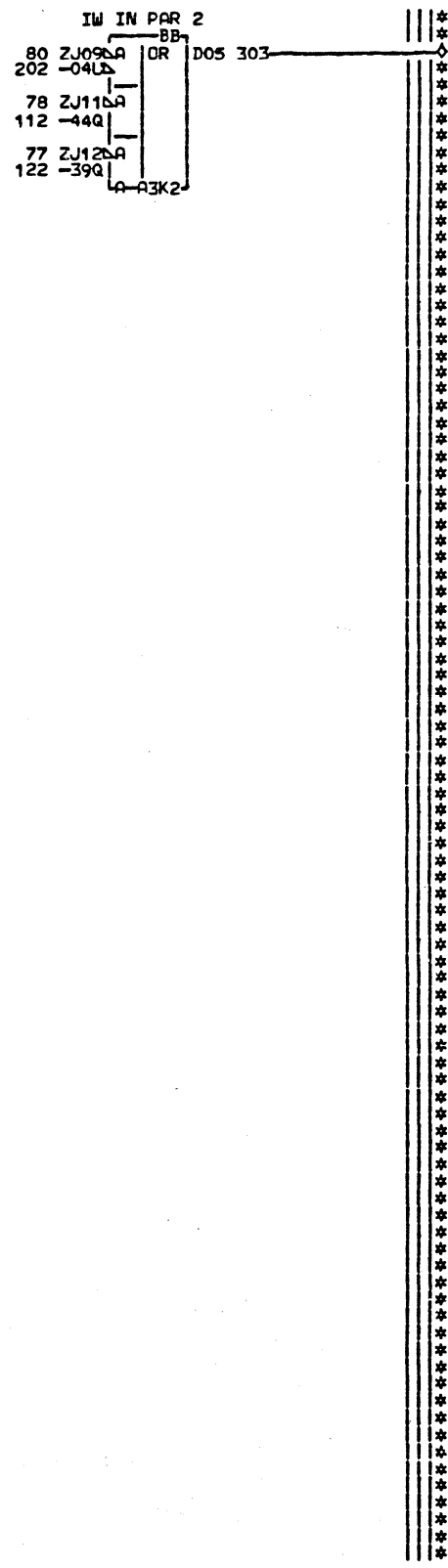
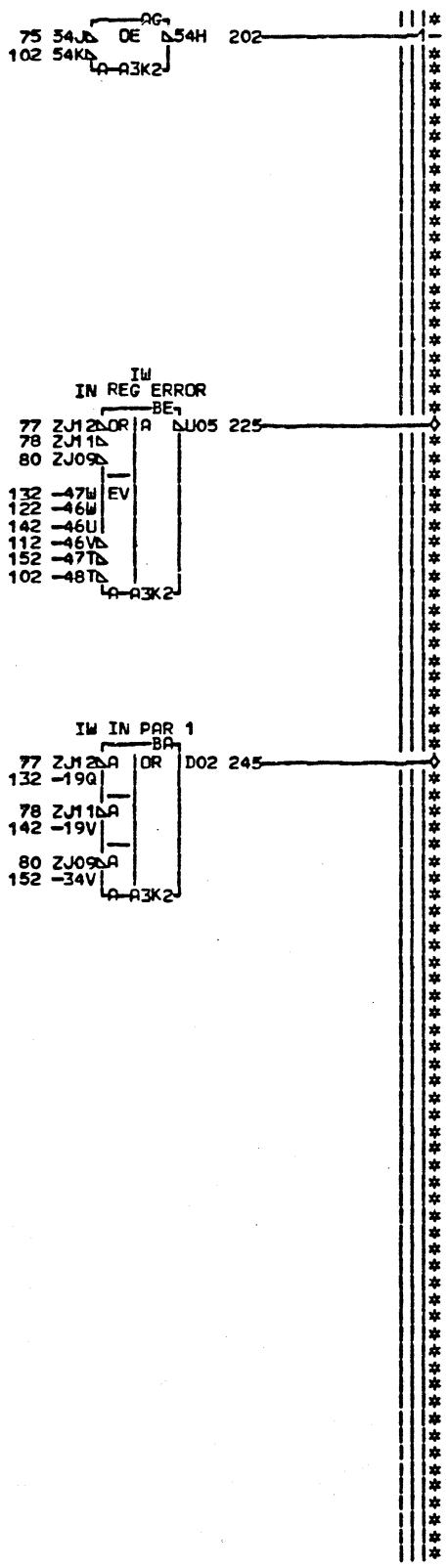
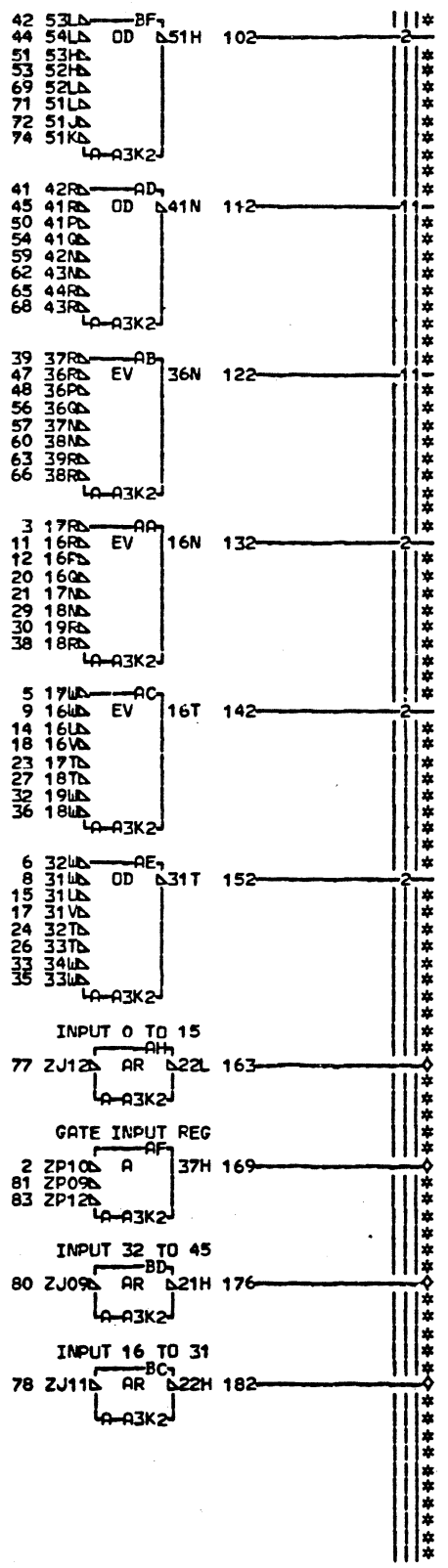
LOC. TYPE
A-A3K2 7614



TA441
000

INPUT REG	
E.C.—HISTORY	E.MACH.3705
DATE	FRANE 01
LAST EC	IBM CORP.SDD TA441
11-25-80 344401	P.N. 8550281 000

- FETCH BUFFER	TA041BD4	2-1
- INPUT SCF 0	TA411BB6	3-1
- INPUT LCD 0	TA411BC6	5-1
- INPUT SDF 8	TA411BD6	6-1
- INPUT SDF 9	TA411BE6	8-1
- INPUT LCD 1	TA411BF6	9-1
- INPUT SCF 1	TA411BG6	11-1
- INPUT SCF 2	TA411BH6	12-1
- INPUT LCD 2	TA411BJ6	14-1
- INPUT SDLC BIT 0	TA411BK6	15-1
- INPUT SDLC BIT 1	TA411BL6	17-1
- INPUT LCD 3	TA411BM6	18-1
- INPUT SCF 3	TA411BN6	20-1
- INPUT SCF 4	TA421BB6	21-1
- INPUT PCF 0	TA421BC6	23-1
- INPUT SDLC BIT 2	TA421BD6	24-1
- INPUT LAST LINE STATE	TA421BE6	26-1
- INPUT PCF 1	TA421BF6	27-1
- INPUT SCF 5	TA421BG6	29-1
- INPUT SCF 6	TA421BH6	30-1
- INPUT PCF 2	TA421BJ6	32-1
- INPUT RESERVED 0	TA421BK6	33-1
- INPUT RESERVE 1	TA421BL6	35-1
- INPUT PCF 3	TA421BM6	36-1
- INPUT SCF 7	TA421BN6	38-1
- INPUT PDF 0	TA431BB6	39-1
- INPUT SDF 0	TA431BC6	41-1
- INPUT SDLC BIT 6	TA431BD6	42-1
- INPUT CHAR SVC 0	TA431BE6	44-1
- INPUT SDF 1	TA431BF6	45-1
- INPUT PDF 1	TA431BG6	47-1
- INPUT PDF 2	TA431BH6	48-1
- INPUT SDF 2	TA431BJ6	50-1
- INPUT PRI 0	TA431BK6	51-1
- INPUT PRI 1	TA431BL6	53-1
- INPUT SIF 3	TA431BM6	54-1
- INPUT PDF 3	TA431BN6	56-1
- INPUT PDF 4	TA441BB6	57-1
- INPUT SDF 4	TA441BC6	59-1
- INPUT PDF 5	TA441BD6	60-1
- INPUT SDF 5	TA441BE6	62-1
- INPUT PDF 6	TA441BF6	63-1
- INPUT SDF 6	TA441BG6	65-1
- INPUT PDF 7	TA441BH6	66-1
- INPUT SDF 7	TA441BJ6	68-1
- INPUT NRZI MODE	TA441BK6	69-1
- INPUT SPARE	TA441BL6	71-1
- INPUT PAR 1	TA441BM6	72-1
- INPUT PAR 2	TA441BN6	74-1
- PAR BITS EVEN	TA441DM2	75-1
- INPUT 0 TO 15	TA911FF6	77-21
- INPUT 16 TO 31	TA911FH6	78-21
- INPUT 32 TO 45	TA911FF6	80-21
- TO	TA931BC6	81-1
- R1M1	TA941BC6	83-1

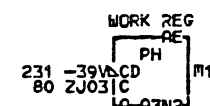
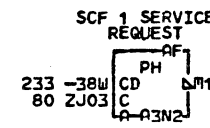
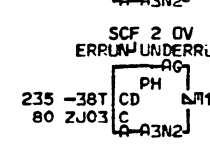
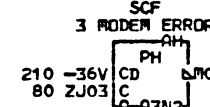
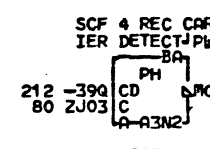
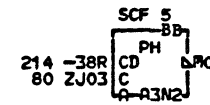
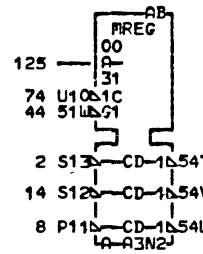
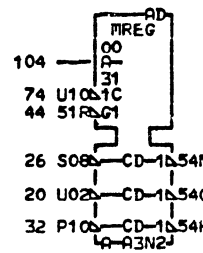
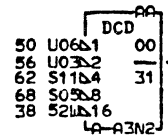
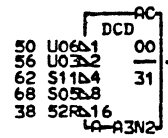


169 + GATE INPUT REG	CJ2
LTA411 LTA421 LTA431 LTA441	
163 - INPUT 0 TO 15	DL6
LTA411 LTA421 LTA431 LTA441	
245 + IW IN PAR 1	TB161-EB2
303 + IW IN PAR 2	TB161-ED2
182 - INPUT 16 TO 31	EL6
LTA411 LTA421 LTA431 LTA441	
176 - INPUT 32 TO 45	FL6
LTA411 LTA421 LTA431 LTA441	
225 - IW IN REG ERROR	TB131-GJ6

LOC. TYPE
A-A3K2 7614

PARITY GEN AND CHECK	
E.C.-HISTORY	E-MACH#3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP.SDD TA451
	PoN# 8550282 000

+ NEW SCF 0 5 BIT ERR REC BRK—TA121DC2— 2—1
 + NEW SCF 2 OVERRUN/UNDERRUN—TA121DF2— 8—1
 + NEW SCF 1 SERVICE REQUEST—TA121DK2— 14—1
 + NEW SCF 4 REC CARRIER DETECT—TA121EH2— 20—1
 + NEW SCF 3 MODEM ERROR—TA131CG2— 26—1
 + NEW SCF 5—TA141EC2— 32—1
 + BUFFER ADDR 0 GATED—TA531DH2— 38—2
 - LS SEL LIB A OR B—TA531EF2— 44—2
 + BUFFER ADDR 4 A—TA621DB2— 50—2
 + BUFFER ADDR 3 A—TA621DE2— 56—2
 + BUFFER ADDR 2 A—TA621DH2— 62—2
 + BUFFER ADDR 1 A—TA621DL2— 68—2
 - WRITE A—TA921FG2— 74—2
 + WORK REG GATE—TB231CL6— 80—6



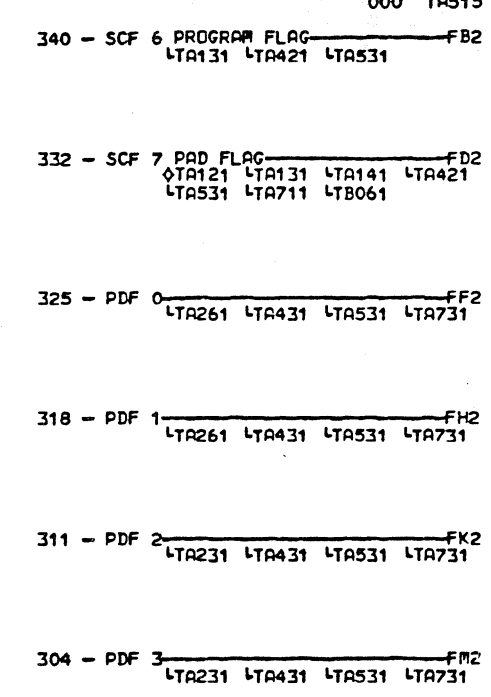
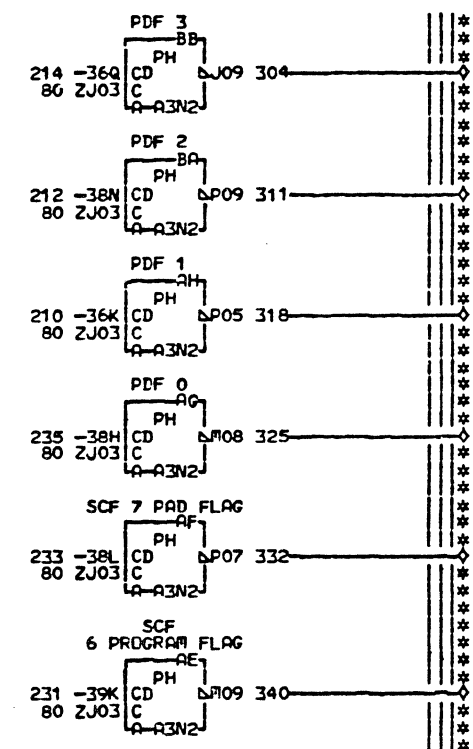
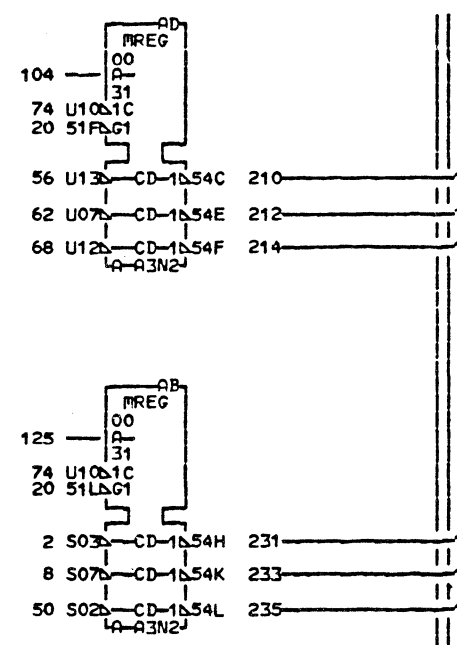
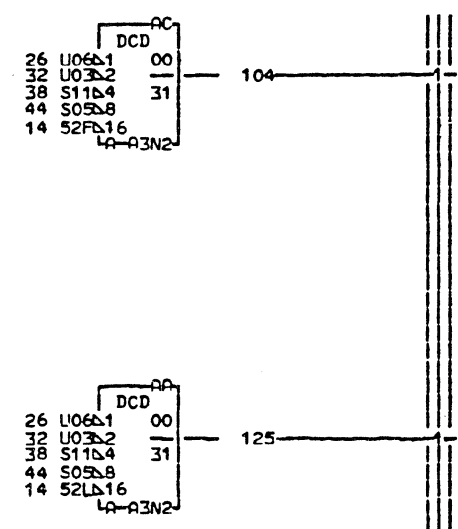
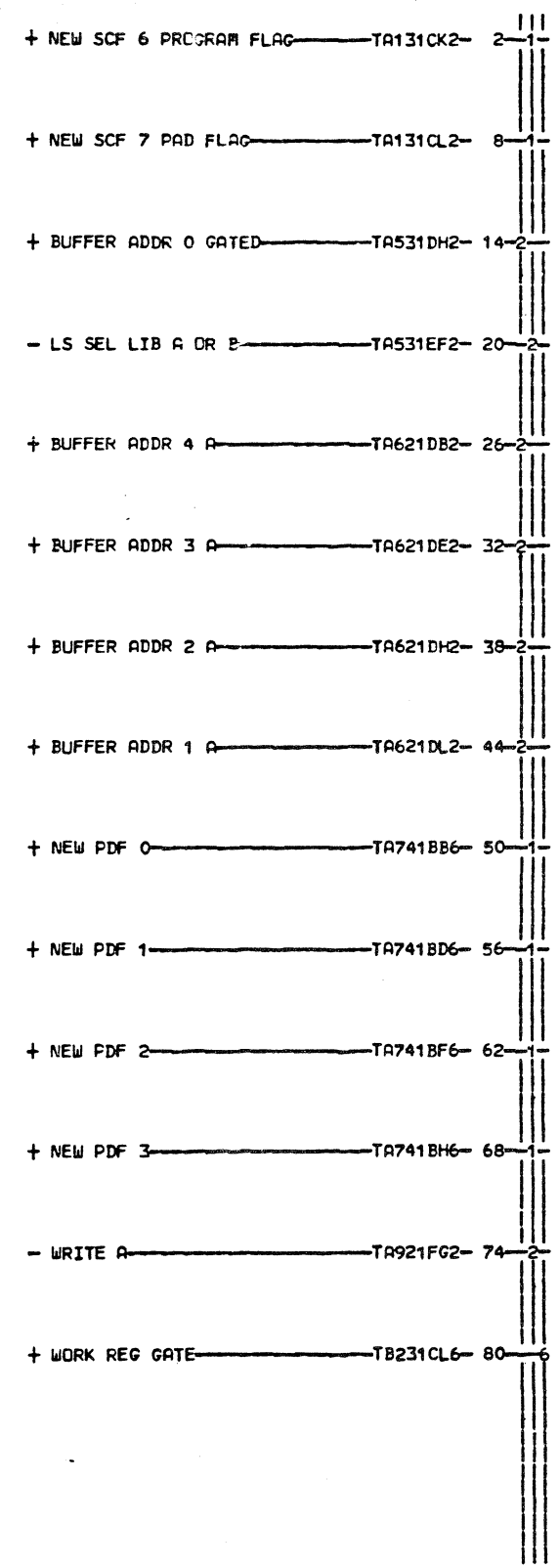
000 TA511

343 - SCF 0 5 BIT ERR REC BRK—FB2
 LTA121 LTA411 LTA531
 336 - SCF 1 SERVICE REQUEST—FD2
 LTA121 LTA411 LTA531
 328 - SCF 2 OVERRUN/UNDERRUN—FF2
 LTA121 LTA411 LTA531
 320 - SCF 3 MODEM ERROR—FK2
 LTA131 LTA411 LTA531
 312 - SCF 4 REC CARRIER DETECT PWI—FK2
 LTA121 LTA421 LTA531
 304 - SCF 5—FM2
 LTA141 LTA421 LTA531

TA511
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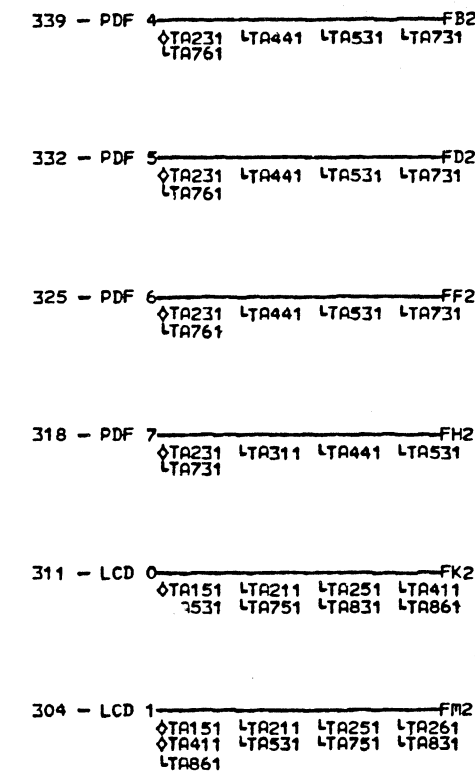
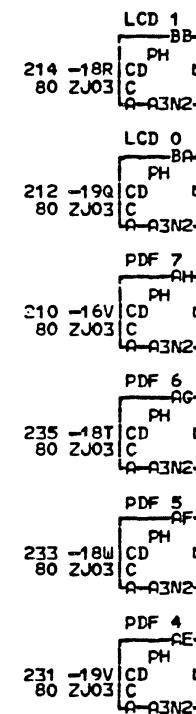
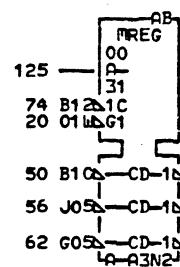
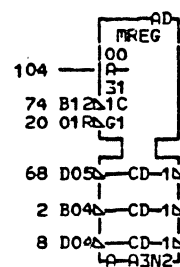
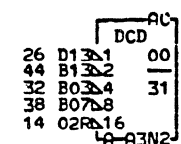
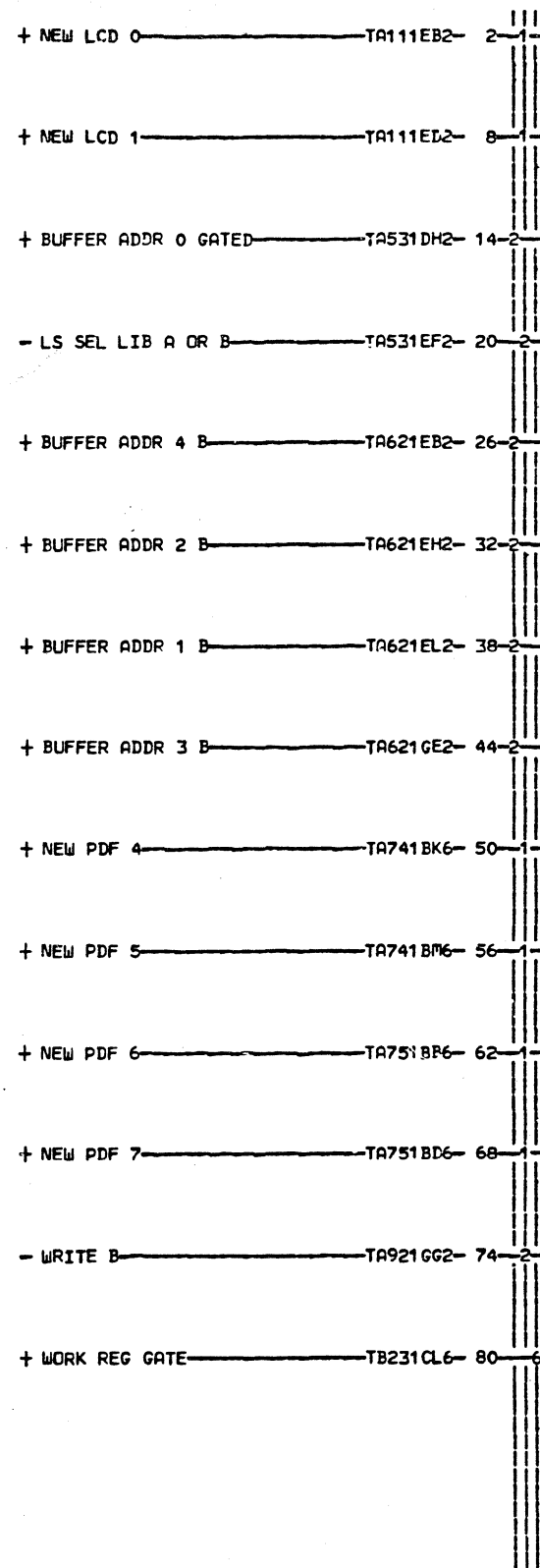
LOC. TYPE
A-A3N2 CG04

ICM 0 THRU 5
 -E.C.-HISTORY—E-MACH.3705
 FRAME 01
 IBM CORP. SDD TA511
 DATE LAST EC P.No. 8550283 000
 11-25-80 344401



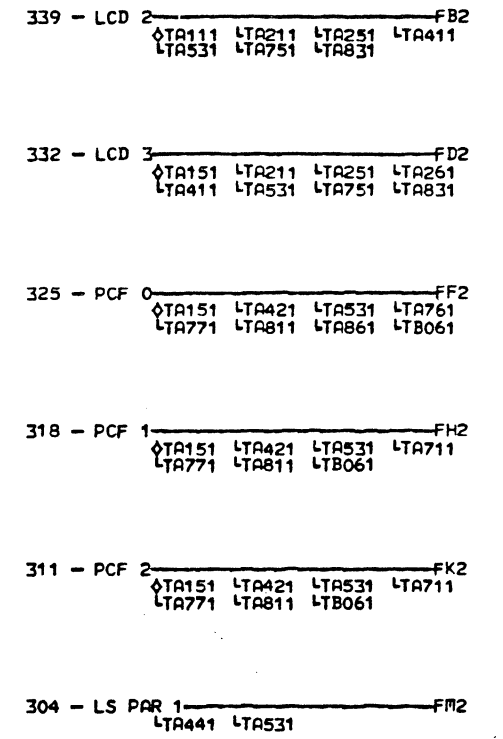
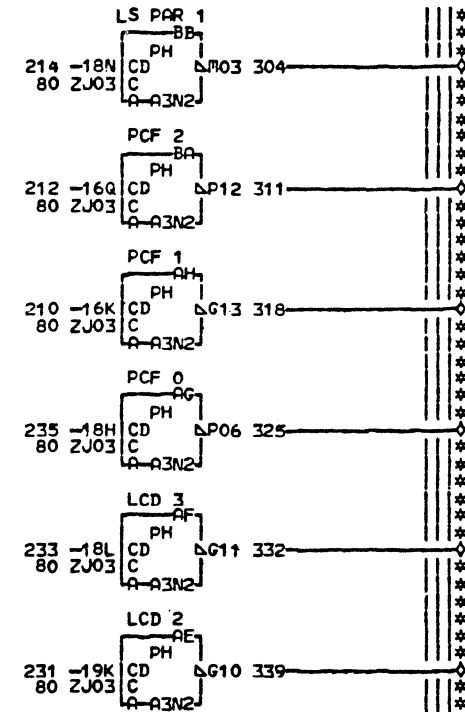
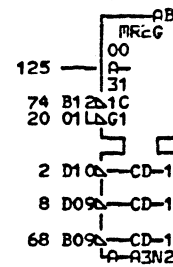
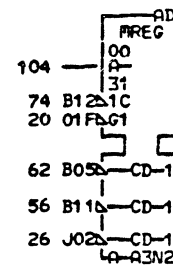
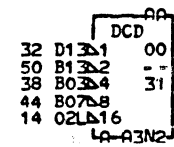
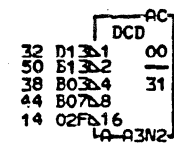
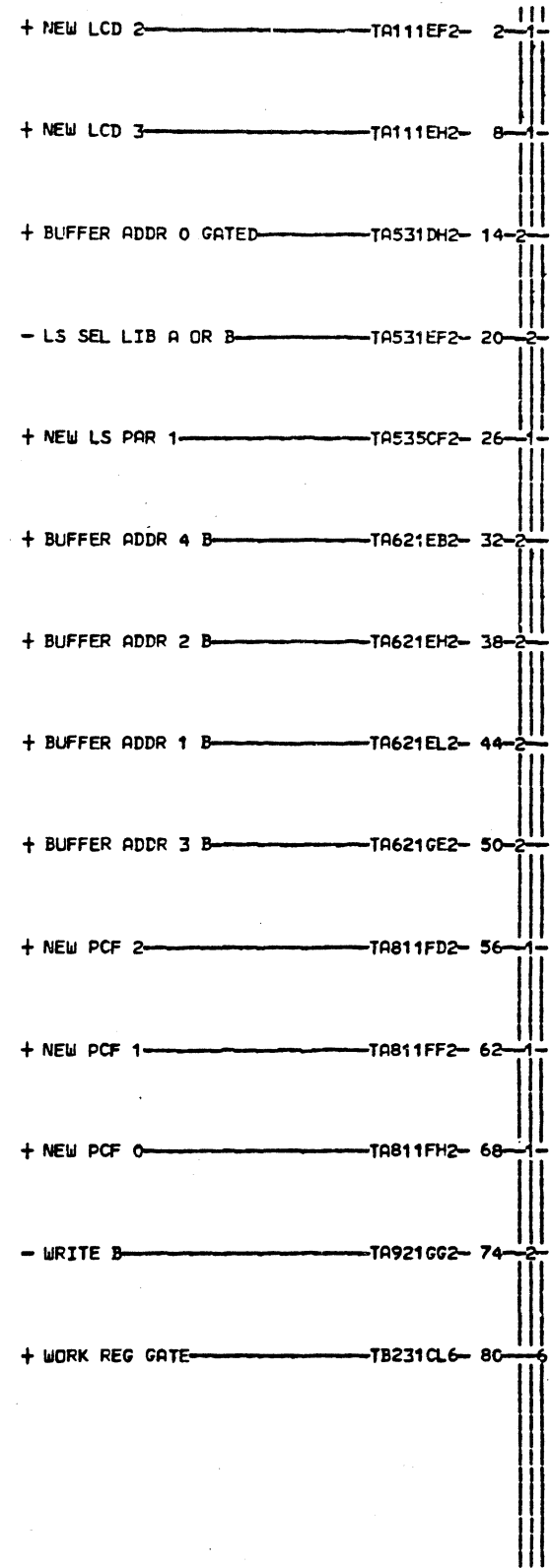
LOC. TYPE
A-A3N2 CG04

ICW 6 THRU 11	
E.C. HISTORY	E. MACH. 3705
DATE	FRAME 01
LAST EC	IBM CORP. SDD
11-25-80 344401	P.N. 8550284
	TA515 000



LDC TYPE
A-A3N2 CG04

ICW 12 THRU 17			
E.C. HISTORY		E. MACH. 3705	
DATE		FRAME	01
LAST EC		IBM CORP. SDD	TA521
11-25-80	344401	P.N. 8550285	000



LOC. TYPE
A-A3N2 CG04

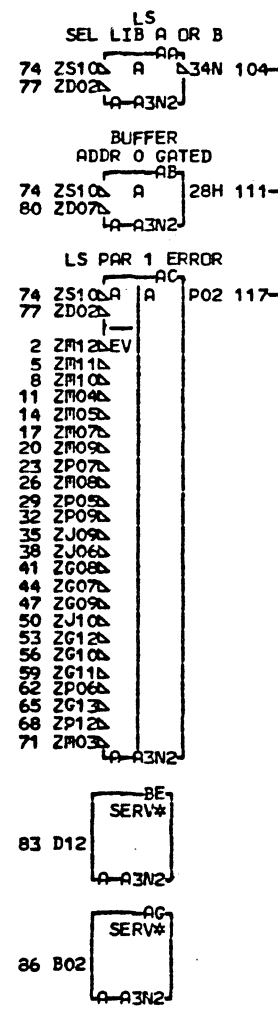
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E.C. HISTORY		E. MACH. 3705	
DATE LAST EC		FRAME 01	IBM CORP. SDD TA525
11-25-80 344401		P.N. 8550286	000

111 + BUFFER ADDR 0 GATED ———— DM2
LTA511 LTA515 LTA521 LTA525

117 + LS PAR 1 ERROR ———— TB131-DJ2

104 - LS SEL LIB A OR B ———— EF2
LTA511 LTA515 LTA521 LTA525

- SCF 0 S BIT ERR REC BRK ———— TA511FB2- 2-1
- SCF 1 SERVICE REQUEST ———— TA511FD2- 5-1
- SCF 2 OVERRUN/UNDERRUN ———— TA511FF2- 8-1
- SCF 3 MODEM ERROR ———— TA511FH2- 11-1
- SCF 4 REC CARRIER DETECT/PWI ———— TA511FK2- 14-1
- SCF 5 ———— TA511FM2- 17-1
- SCF 6 PROGRAM FLAG ———— TA515FB2- 20-1
- SCF 7 PAD FLAG ———— TA515FD2- 23-1
- PDF 0 ———— TA515FF2- 26-1
- PDF 1 ———— TA515FH2- 29-1
- PDF 2 ———— TA515FK2- 32-1
- PDF 3 ———— TA515FM2- 35-1
- PDF 4 ———— TA521FB2- 38-1
- PDF 5 ———— TA521FD2- 41-1
- PDF 6 ———— TA521FF2- 44-1
- PDF 7 ———— TA521FH2- 47-1
- LCD 0 ———— TA521FK2- 50-1
- LCD 1 ———— TA521FM2- 53-1
- LCD 2 ———— TA525FB2- 56-1
- LCD 3 ———— TA525FD2- 59-1
- PCF 0 ———— TA525FF2- 62-1
- PCF 1 ———— TA525FH2- 65-1
- PCF 2 ———— TA525FK2- 68-1
- LS PAR 1 ———— TA525FM2- 71-1
- + BUFFER ADDR 0 A ———— TA631DB2- 74-3
- LS SEL A OR D ———— TA631ED2- 77-2
- LS SEL B OR E ———— TA631EH2- 80-1
- LS SEL C OR F UNUSED ———— TA631EK2- 83-1
- + BUFFER ADDR 0 B UNUSED ———— TA641EH2- 86-1



LOC. TYPE
A-A3N2 CG04

ICW 0 THRU 22 PARITY CHECK	
E.C.-HISTORY	E.PACH.3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP.SDD TA531
	P.No. 8550287 000

+ NEW LCD 0 ————— TA111EB2- 2-
 + NEW LCD 1 ————— TA111ED2- 5-
 + NEW LCD 2 ————— TA111EF2- 8-
 + NEW LCD 3 ————— TA111EH2- 11-
 + NEW SCF 0 S BIT ERR REC BRK—TA121DC2- 14-
 + NEW SCF 2 OVERRUN/UNDERRUN—TA121DF2- 17-
 + NEW SCF 1 SERVICE REQUEST—TA121DK2- 20-
 + NEW SCF 4 REC CARRIER DETECT—TA121EH2- 23-
 + NEW SCF 3 MODEM ERROR—TA131CG2- 26-
 + NEW SCF 6 PROGRAM FLAG—TA131CK2- 29-
 + NEW SCF 7 PAD FLAG—TA131CL2- 32-
 + NEW SCF 5 ————— TA141EC2- 35-
 - LS SEL A OR D ————— TA631ED2- 38-
 - LS SEL B OR E ————— TA631EH2- 41-
 - LS SEL C OR F UNUSED—TA631EK2- 44-
 + NEW PDF 0 ————— TA741BB6- 47-
 + NEW PDF 1 ————— TA741BD6- 50-
 + NEW PDF 2 ————— TA741BF6- 53-
 + NEW PDF 3 ————— TA741BH6- 56-
 + NEW PDF 4 ————— TA741BK6- 59-
 + NEW PDF 5 ————— TA741BM6- 62-
 + NEW PDF 6 ————— TA751BB6- 65-
 + NEW PDF 7 ————— TA751BD6- 68-
 + NEW PCF 2 ————— TA811FD2- 71-
 + NEW PCF 1 ————— TA811FF2- 74-
 + NEW PCF 0 ————— TA811FH2- 77-

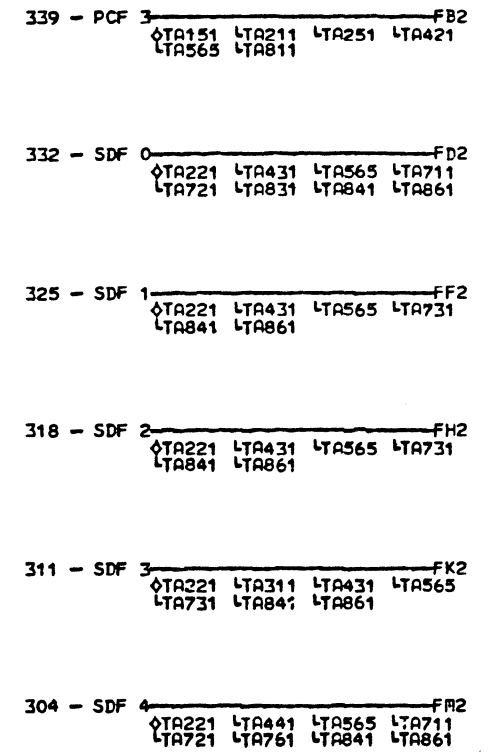
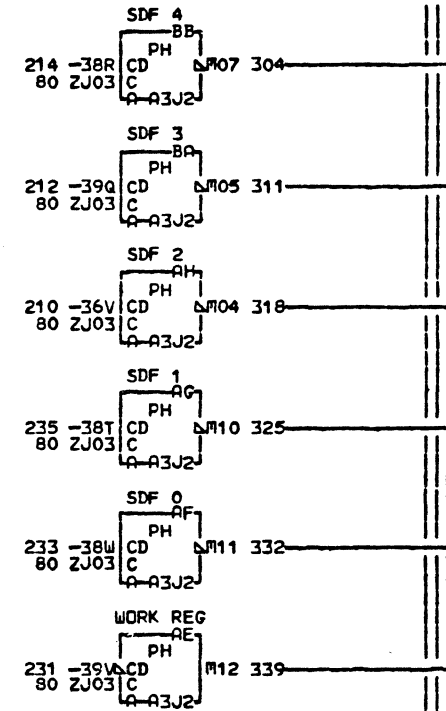
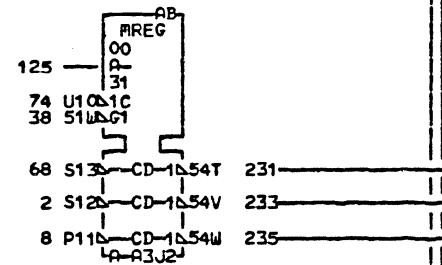
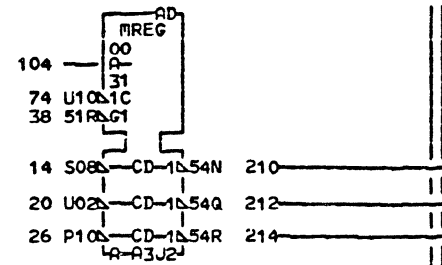
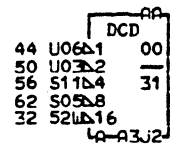
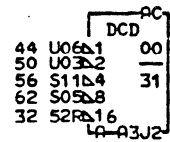
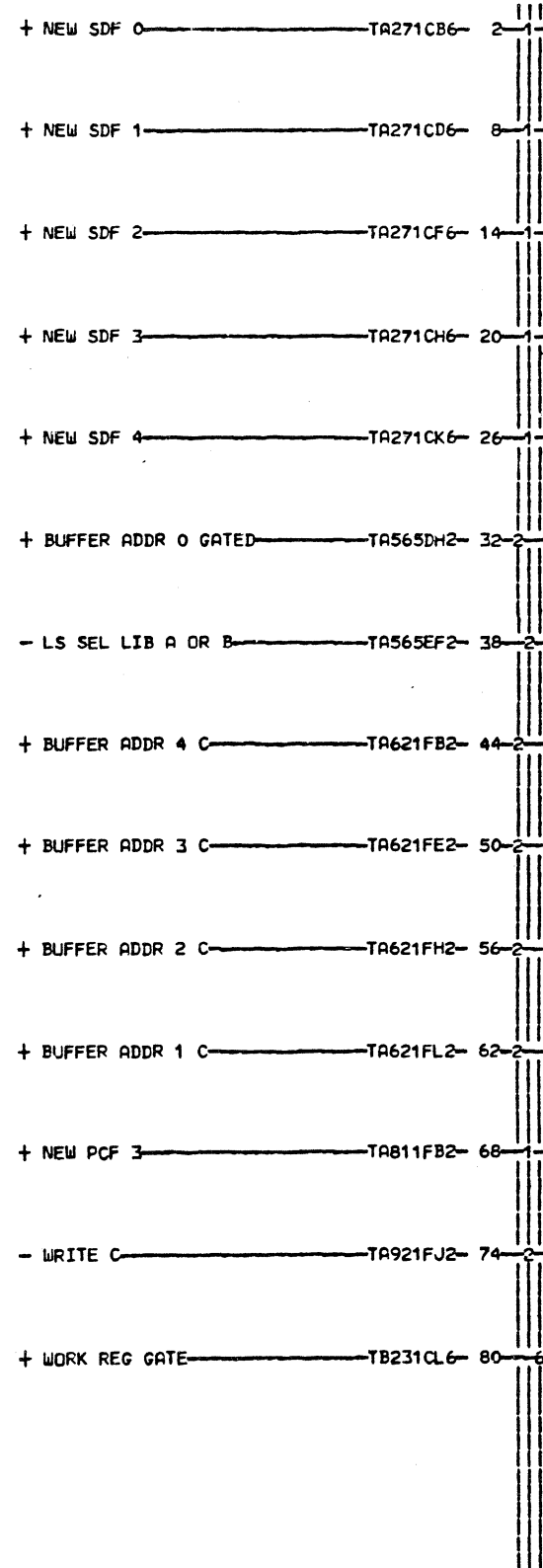
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 5 ZD04 EV J11 103
 8 ZD10
 11 ZD09
 14 ZS13
 17 ZP11
 20 ZS12
 23 ZU02
 26 ZS08
 29 ZS03
 32 ZS07
 35 ZP10
 47 ZS02
 50 ZU13
 53 ZU07
 56 ZU12
 59 ZB10
 62 ZJ05
 65 ZG05
 68 ZD05
 71 ZB11
 74 ZB05
 77 ZB09
 A-A3N2
 BK1
 SERV*
 44 D11
 A-A3N2
 B1
 SERV*
 41 D06
 A-A3N2
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 SERV*
 38 D03
 A-A3N2

000 TA535
 103 + NEW LS PAR 1 ————— TA525-CF2

LOC. TYPE
 A-A3N2 CG04

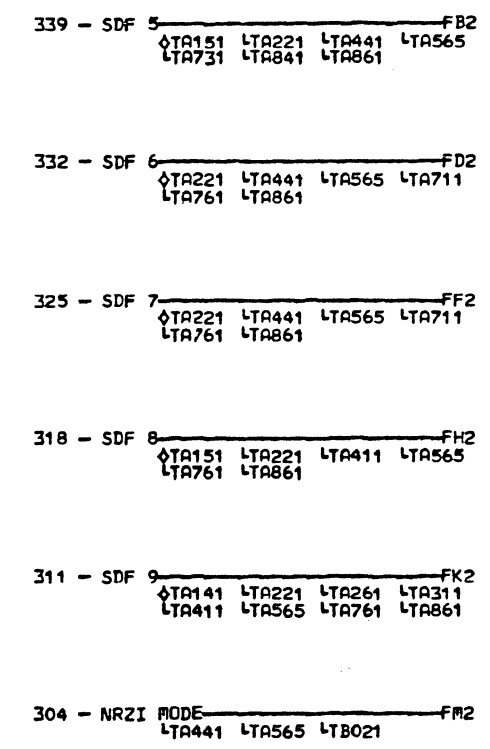
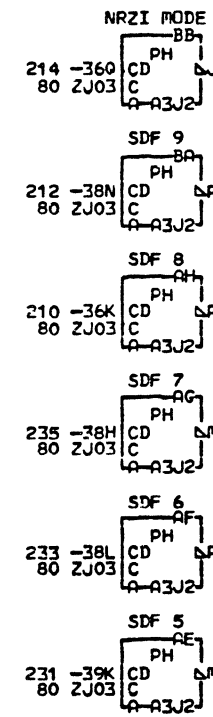
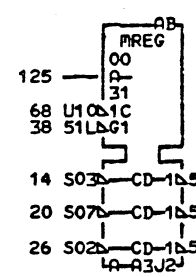
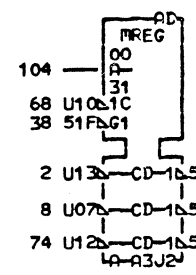
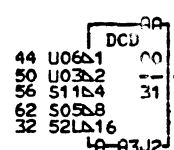
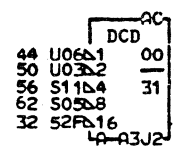
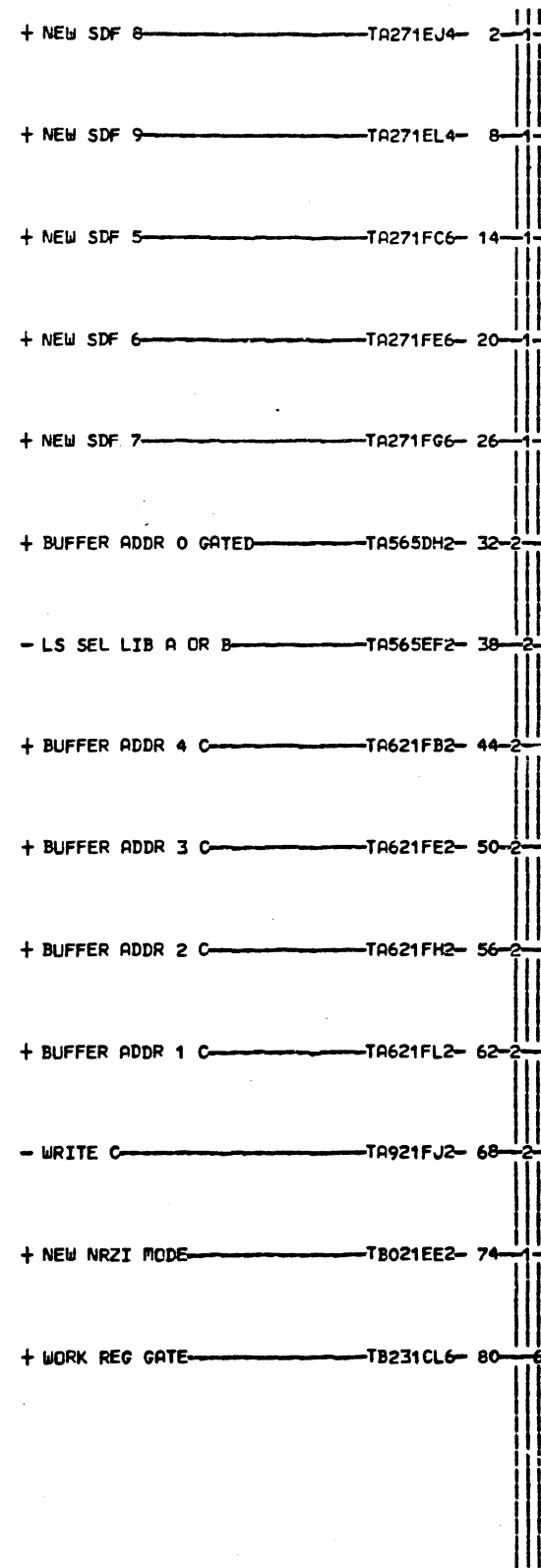
TA535
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ICW 0 THRU 22 PARITY GENERATION		E.C. HISTORY		E. MACH. 3705	
DATE LAST EC		FRAME		01	
11-25-80 344401		IBM CORP. SDD		TA535	
		P. N. 8550288		000	



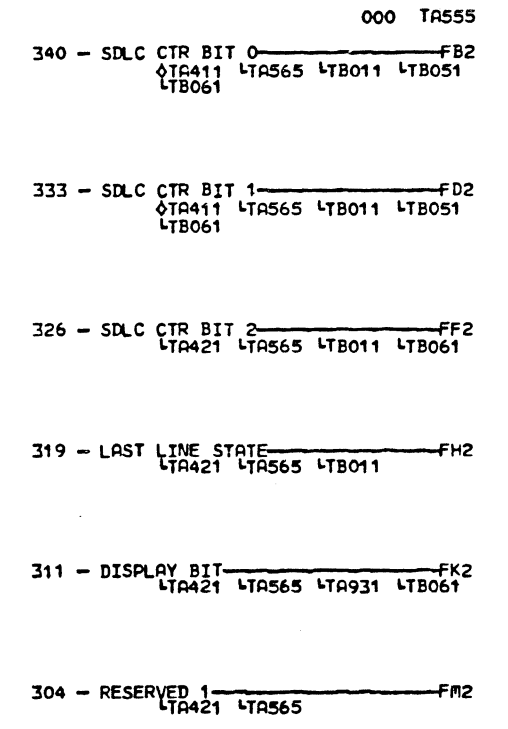
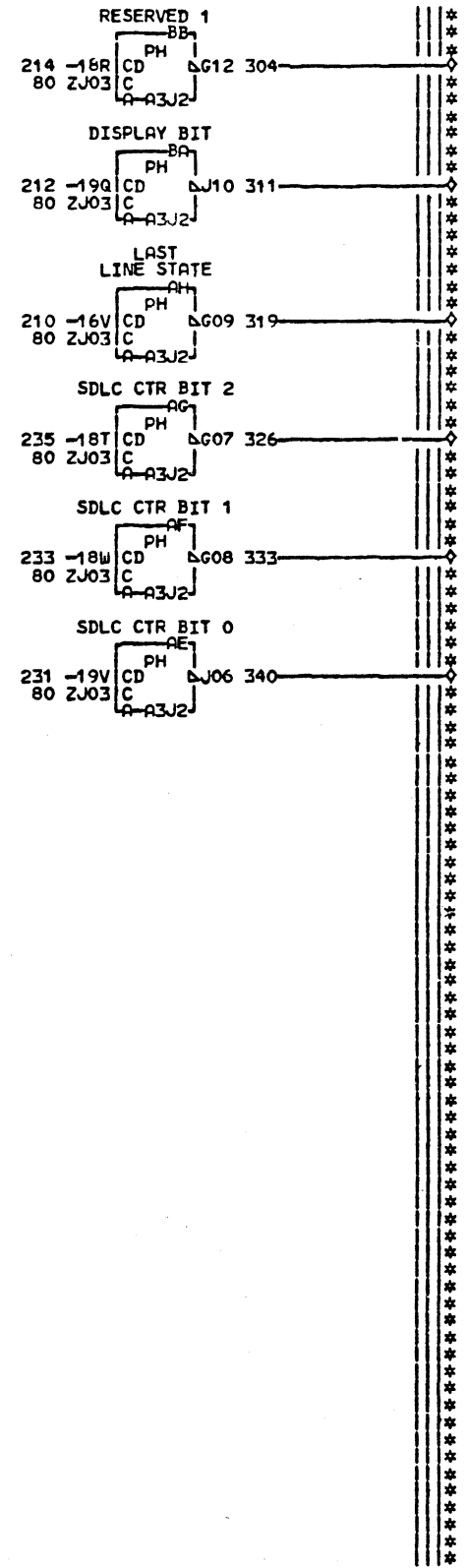
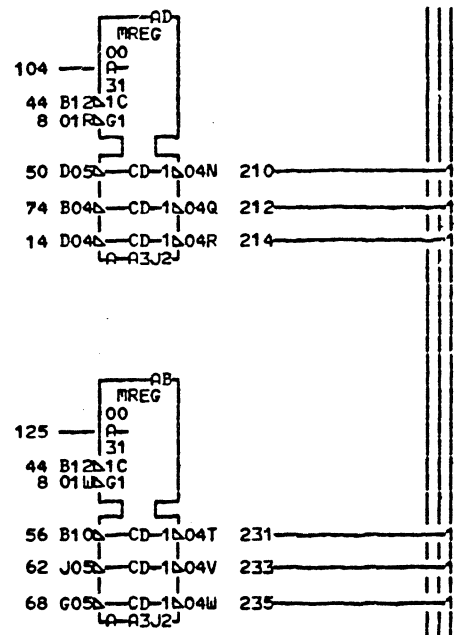
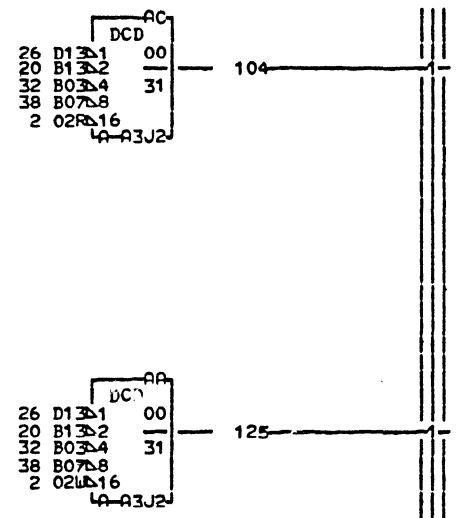
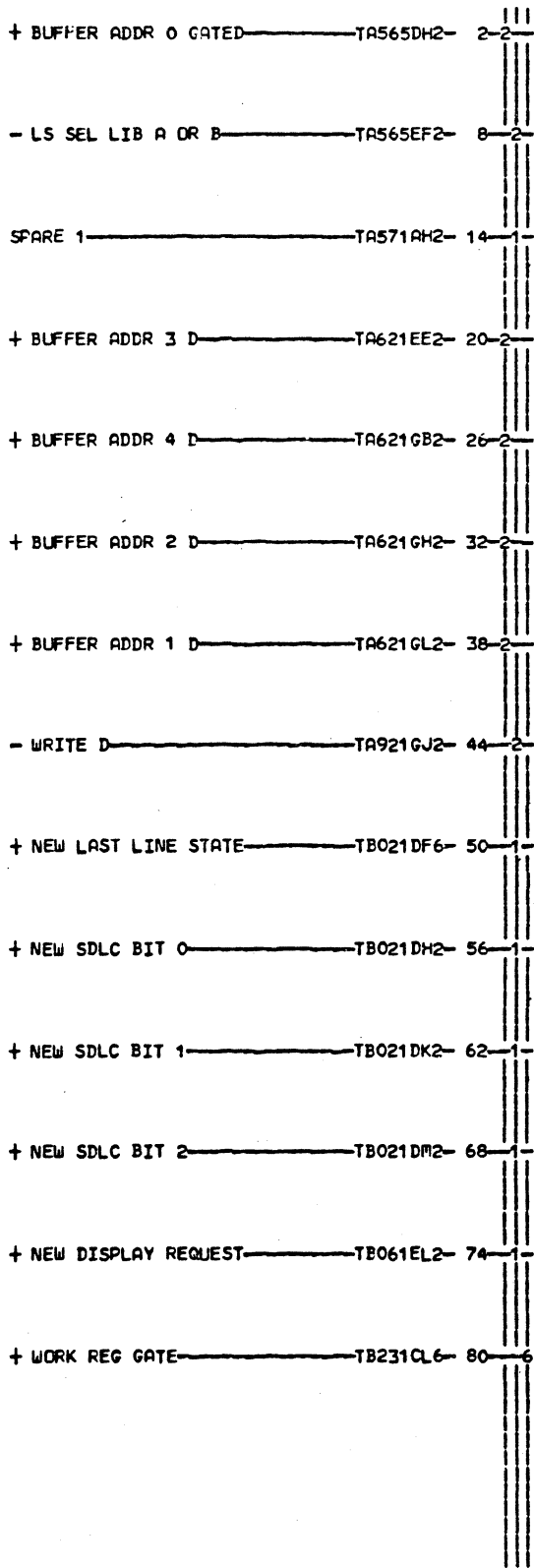
LOC. TYPE
A-A3J2 CG04

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11-25-60 344401		IBM CORP. SDD TA545	
P.N. 8550289		000	



LOC. TYPE
 A-A3J2 CG04

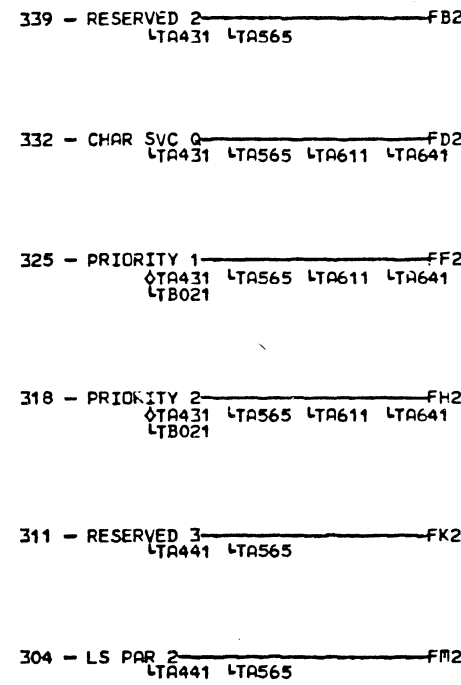
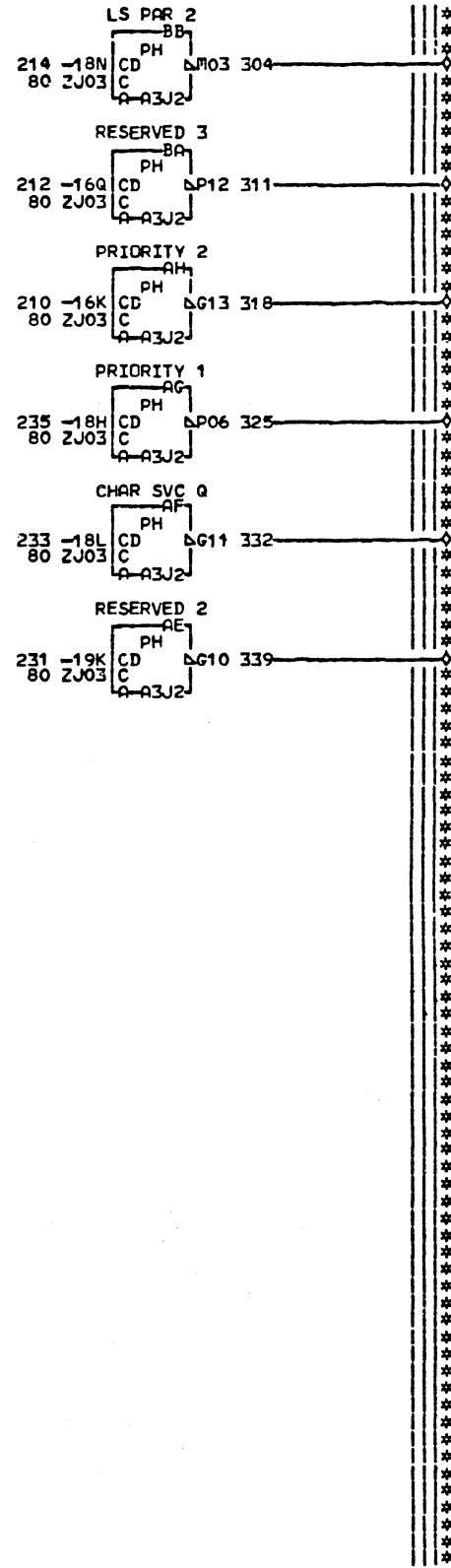
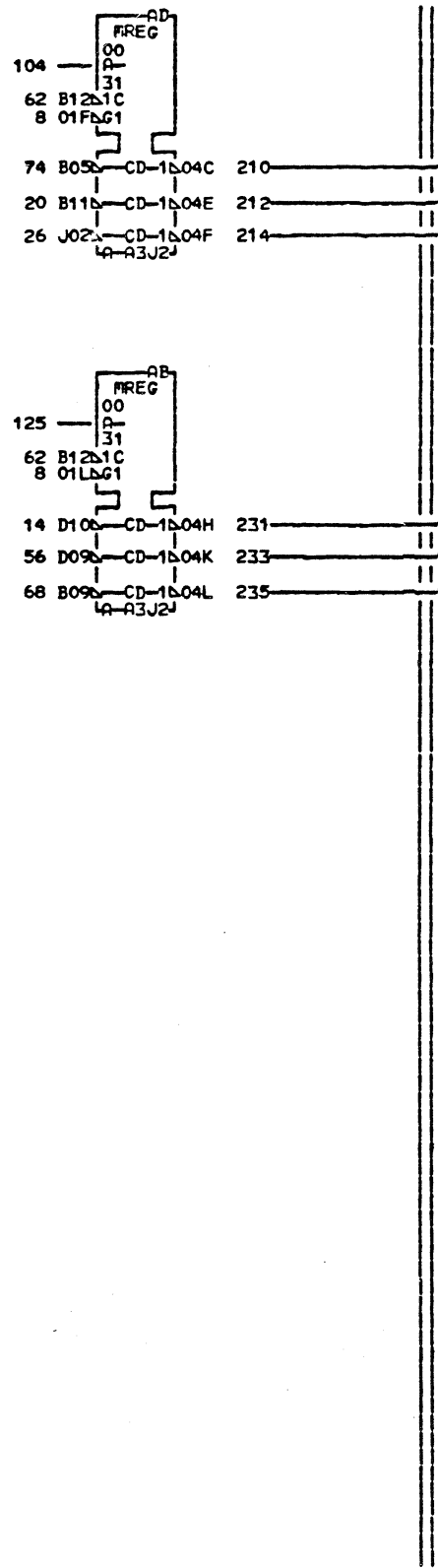
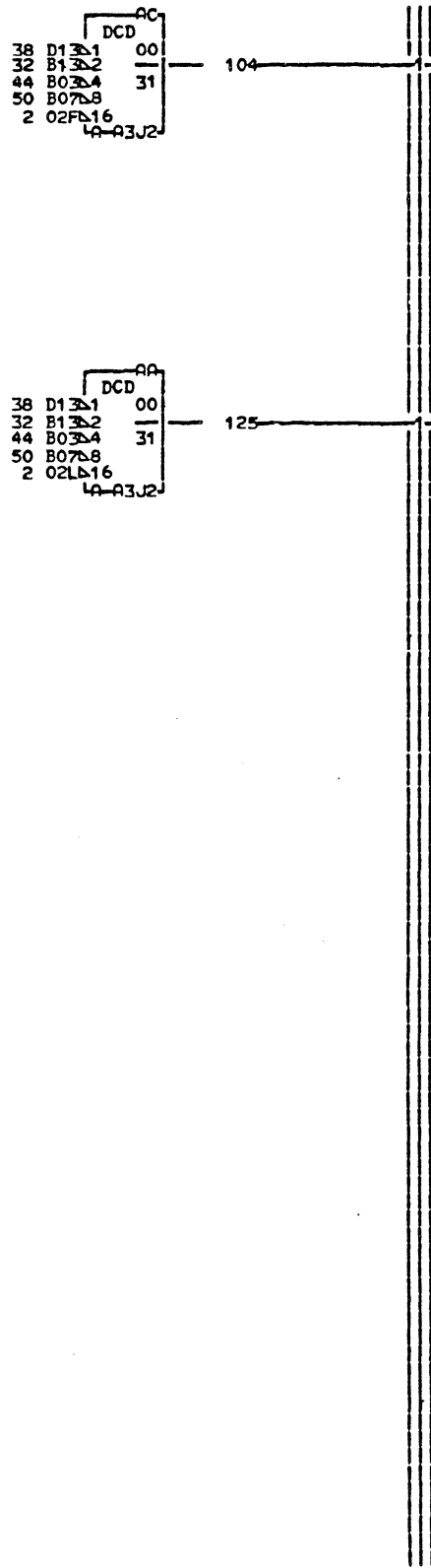
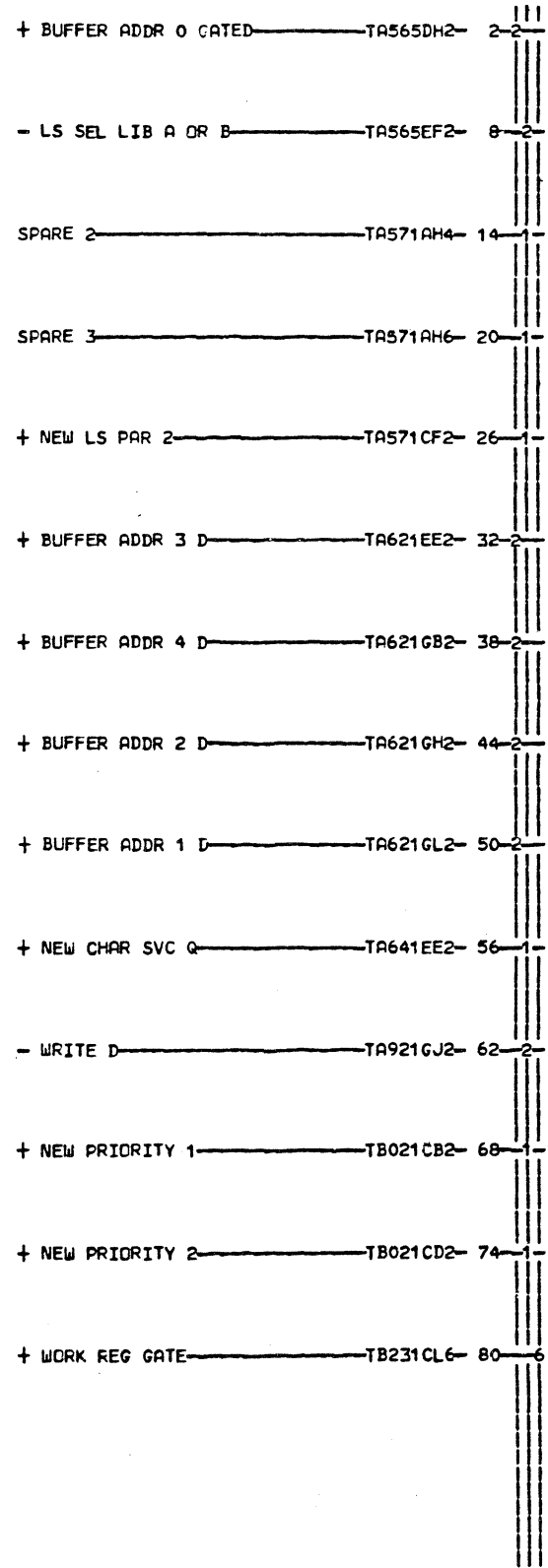
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E.C. HISTORY	E. MACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBP CORP. SDD	TA551
P.N. 8550290	000



LDC TYPE
A-A3J2 CG04

TA555
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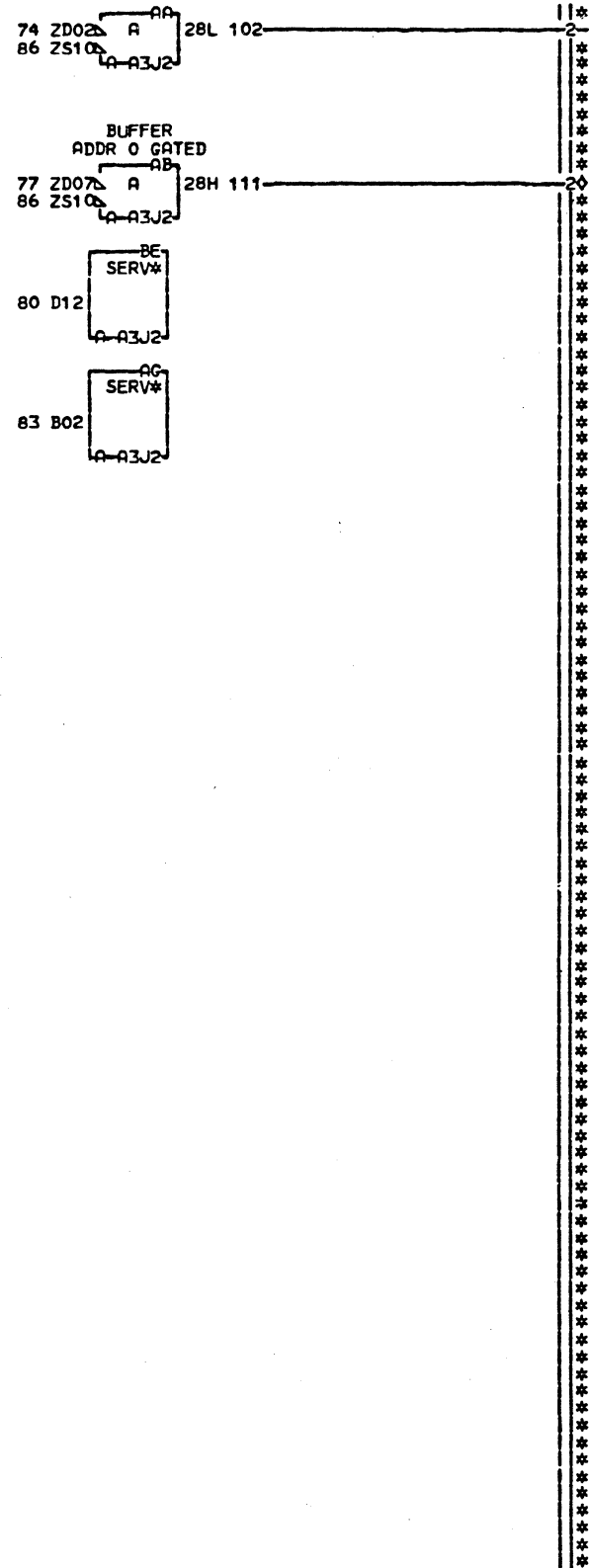
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E.C.-HISTORY E-MACH-3705
FRAME 01
DATE LAST EC IBM CORP.SDD TA555
11-25-80 344401 P.N. 8550291 000



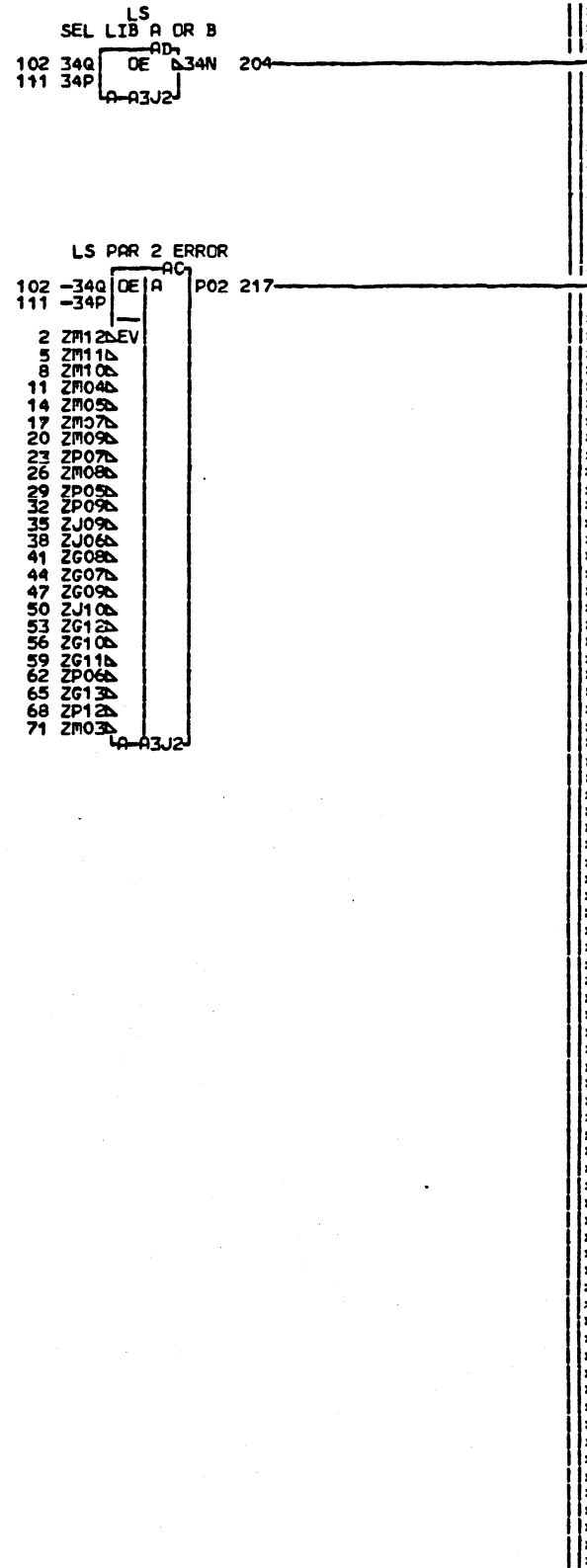
LDC TYPE
A-A3J2 CG04

ICW 40 THRU 43 PLUS P PLUS 45 E.C. HISTORY	E. MACH. 3705 FRAME 01 IBM CORP. SDD P.N. 8550292	TA561 COO
DATE 11-25-80	LAST EC 344401	

- PCF 3 — TA545FB2 — 2
 - SDF 0 — TA545FD2 — 5
 - SDF 1 — TA545FF2 — 8
 - SDF 2 — TA545FH2 — 11
 - SDF 3 — TA545FK2 — 14
 - SDF 4 — TA545FM2 — 17
 - SDF 5 — TA551FB2 — 20
 - SDF 6 — TA551FD2 — 23
 - SDF 7 — TA551FF2 — 26
 - SDF 8 — TA551FH2 — 29
 - SDF 9 — TA551FK2 — 32
 - NRZI MODE — TA551FM2 — 35
 - SDLC CTR BIT 0 — TA555FB2 — 38
 - SDLC CTR BIT 1 — TA555FD2 — 41
 - SDLC CTR BIT 2 — TA555FF2 — 44
 - LAST LINE STATE — TA555FH2 — 47
 - DISPLAY BIT — TA555FK2 — 50
 - RESERVED 1 — TA555FM2 — 53
 - RESERVED 2 — TA561FB2 — 56
 - CHAR SVC 0 — TA561FD2 — 59
 - PRIORITY 1 — TA561FF2 — 62
 - PRIORITY 2 — TA561FH2 — 65
 - RESERVED 3 — TA561FK2 — 68
 - LS PAR 2 — TA561FM2 — 71
 - LS SEL A OR D — TA631ED2 — 74
 - LS SEL B OR E — TA631EH2 — 77
 - LS SEL C OR F UNUSED — TA631EK2 — 80
 + BUFFER ADDR 0 D UNUSED — TA641CH2 — 83
 + BUFFER ADDR 0 C — TA641DH2 — 86



LOC. TYPE
A-A3J2 CG04



000 TA565

111 + BUFFER ADDR 0 GATED — DM2
LTA545 LTA551 LTA555 LTA561

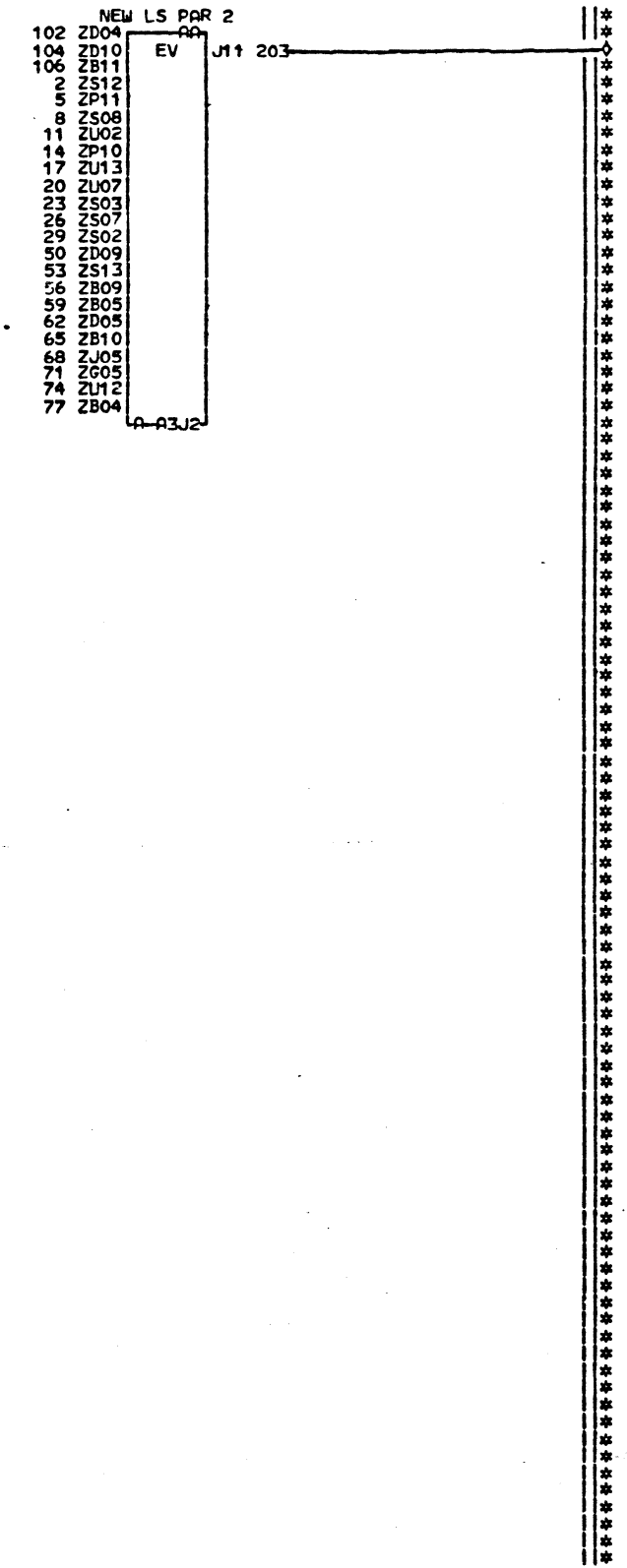
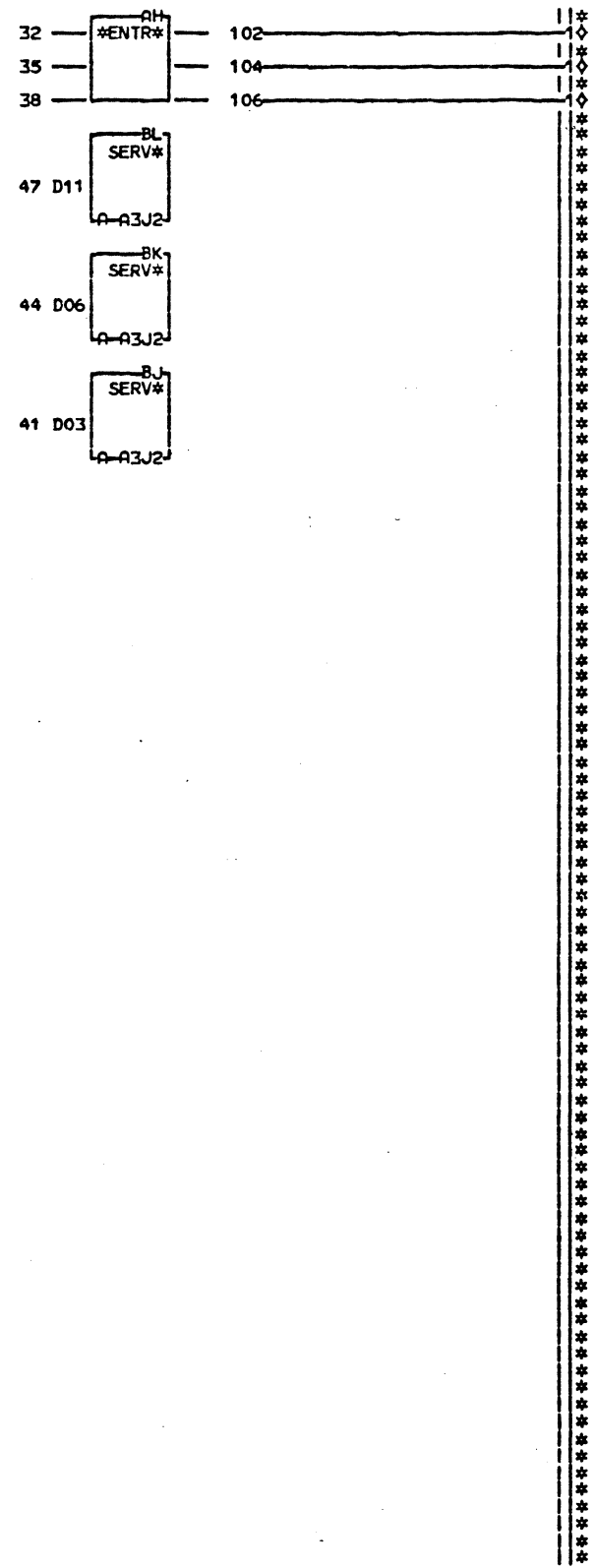
217 + LS PAR 2 ERROR — TB131-DJ2

204 - LS SEL LIB A OR B — EF2
LTA545 LTA551 LTA555 LTA561

ICW 23 THRU 45 PARITY CHECK	
E.C. HISTORY	E. MACH. 3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP. SDD
	P.No. 8550293

TA565 000

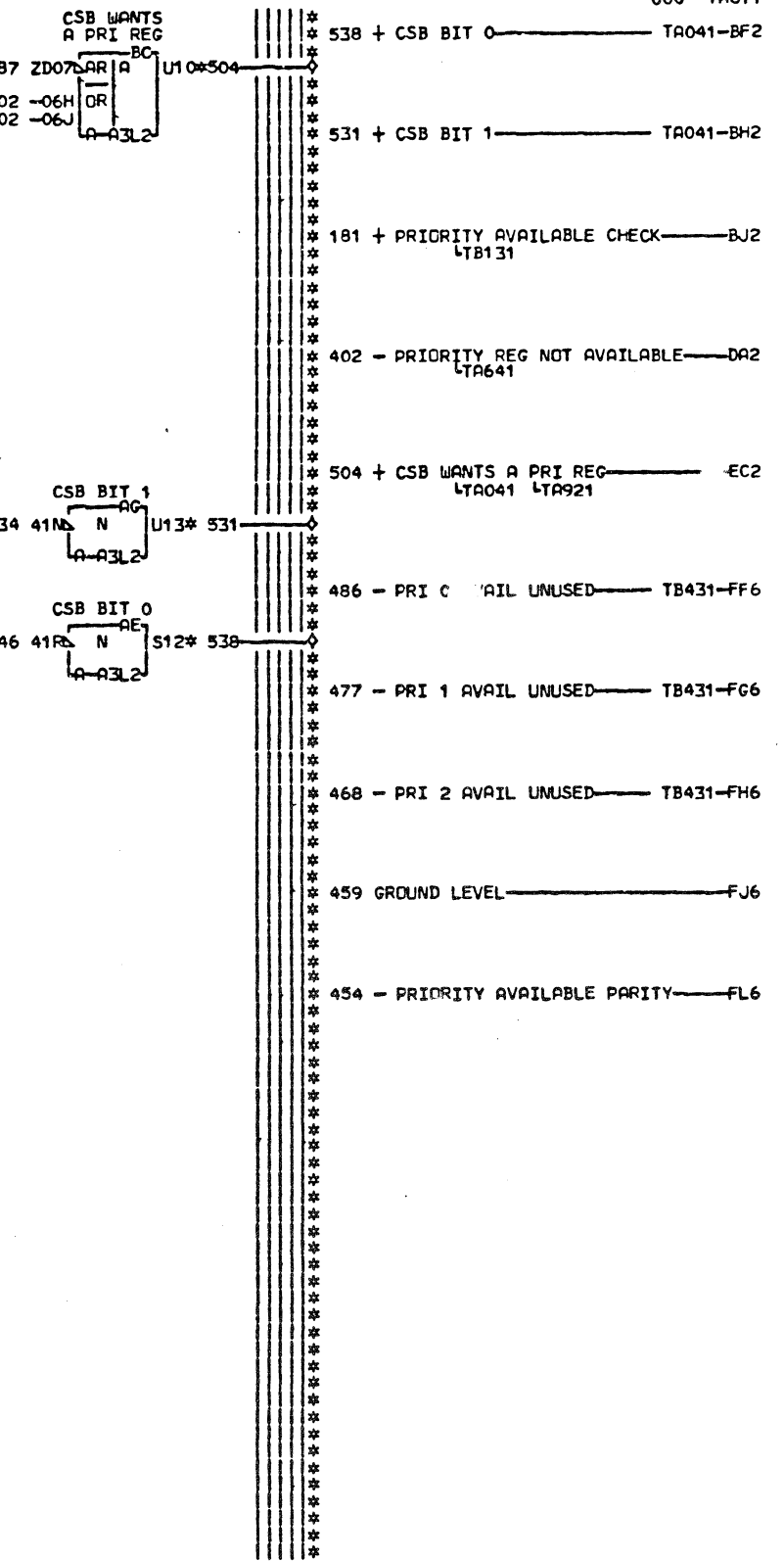
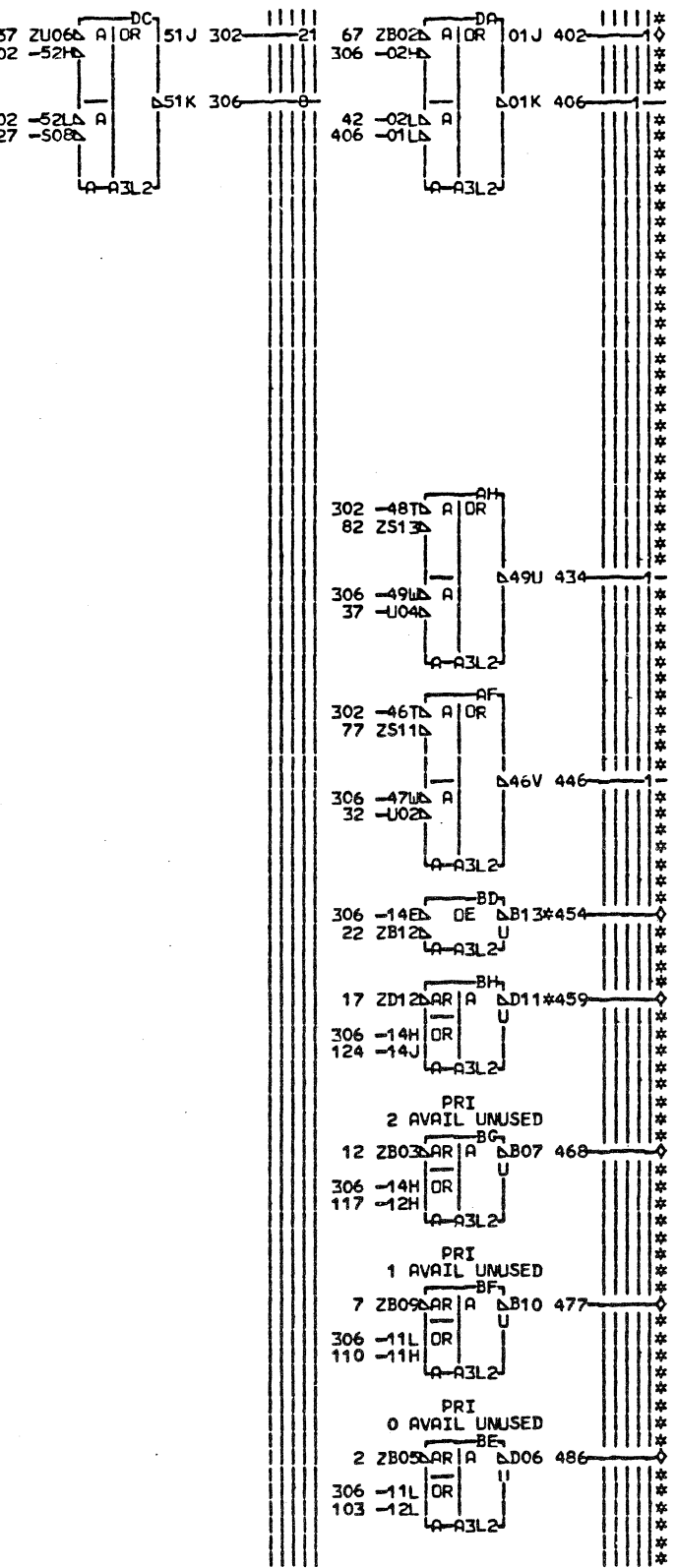
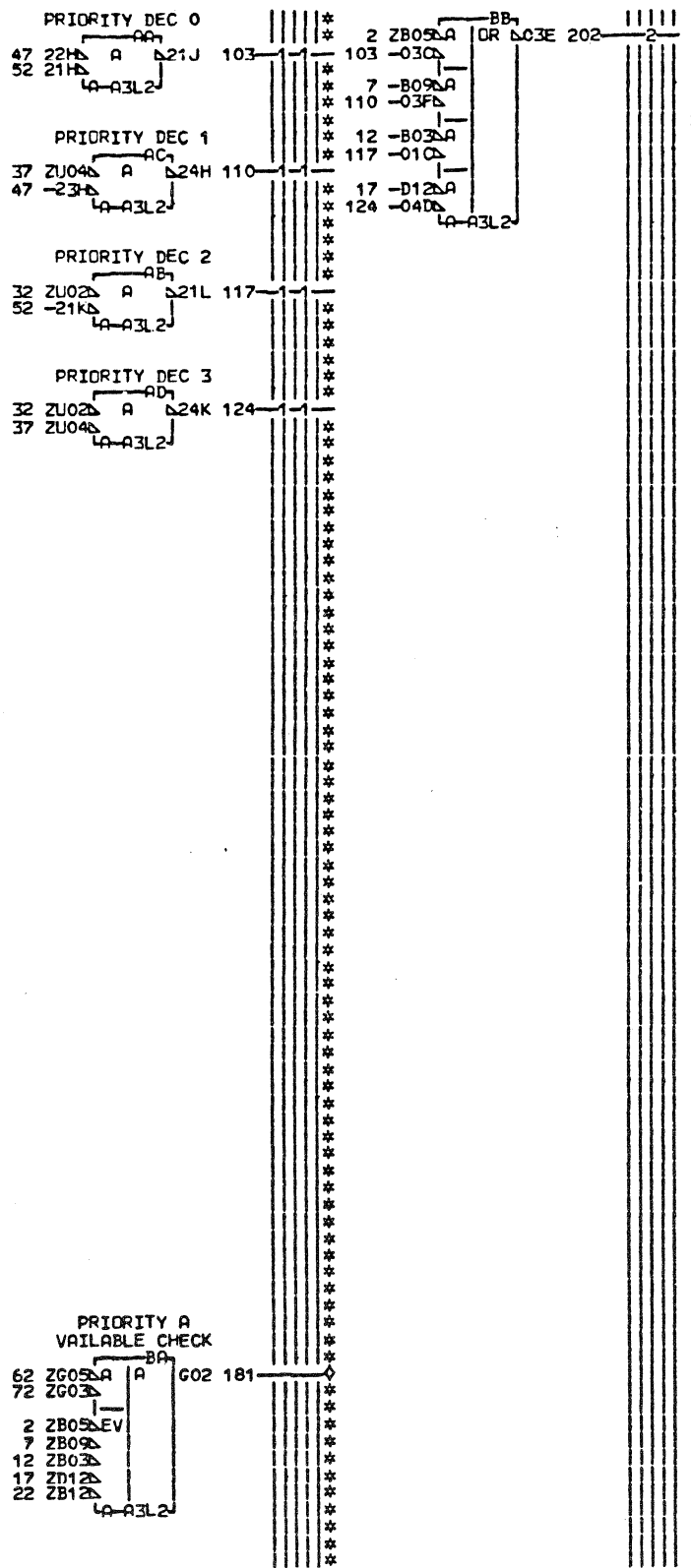
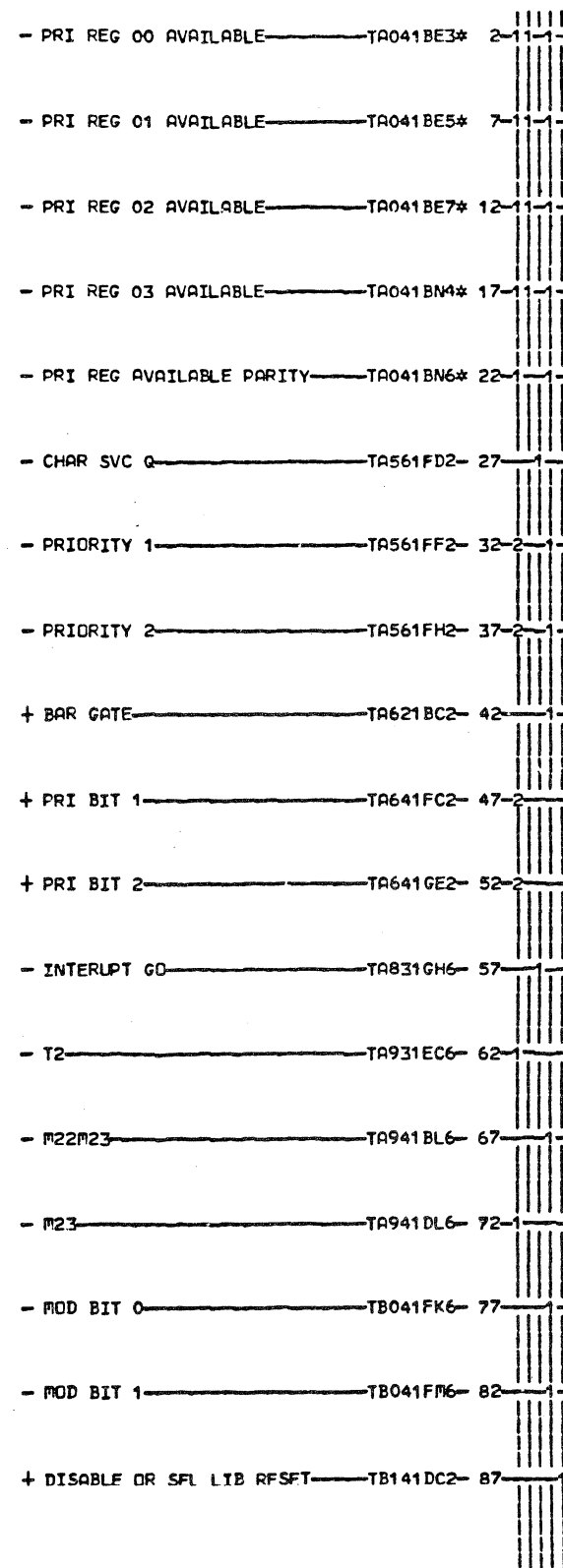
+ NEW SDF 0 — TA271CB6 — 2
 + NEW SDF 1 — TA271CD6 — 5
 + NEW SDF 2 — TA271CF6 — 8
 + NEW SDF 3 — TA271CH6 — 11
 + NEW SDF 4 — TA271CK6 — 14
 + NEW SDF 8 — TA271EJ4 — 17
 + NEW SDF 9 — TA271EL4 — 20
 + NEW SDF 5 — TA271FC6 — 23
 + NEW SDF 6 — TA271FE6 — 26
 + NEW SDF 7 — TA271FG6 — 29
 SPARE 1 — TA571005 — 32
 SPARE 2 — TA571006 — 35
 SPARE 3 — TA571007 — 38
 - LS SEL A OR D — TA631ED2 — 41
 - LS SEL B OR E — TA631EH2 — 44
 - LS SEL C OR F UNUSED — TA631EK2 — 47
 + NEW CHAR SVC Q — TA641EE2 — 50
 + NEW PCF 3 — TA811FB2 — 53
 + NEW PRIORITY 1 — TB021CB2 — 56
 + NEW PRIORITY 2 — TB021CD2 — 59
 + NEW LAST LINE STATE — TB021DF6 — 62
 + NEW SDLC BIT 0 — TB021DH2 — 65
 + NEW SDLC BIT 1 — TB021DK2 — 68
 + NEW SDLC BIT 2 — TB021DM2 — 71
 + NEW NRZI MODE — TB021EE2 — 74
 + NEW DISPLAY REQUEST — TB061EL2 — 77



102 SPARE 1 — TA555-AH2
 104 SPARE 2 — TA561-AH4
 106 SPARE 3 — TA561-AH6
 203 + NEW LS PAR 2 — TA561-CF2

LDC TYPE
 A-A3J2 CG04

ICW 23 THRU 45 PARITY GENERATION		E.C.-HISTORY — E.MACH.3705	
DATE LAST EC		FRAME 01	IBN CORP.SDD TA571
11-25-80 344401		P.No. 8550294	000

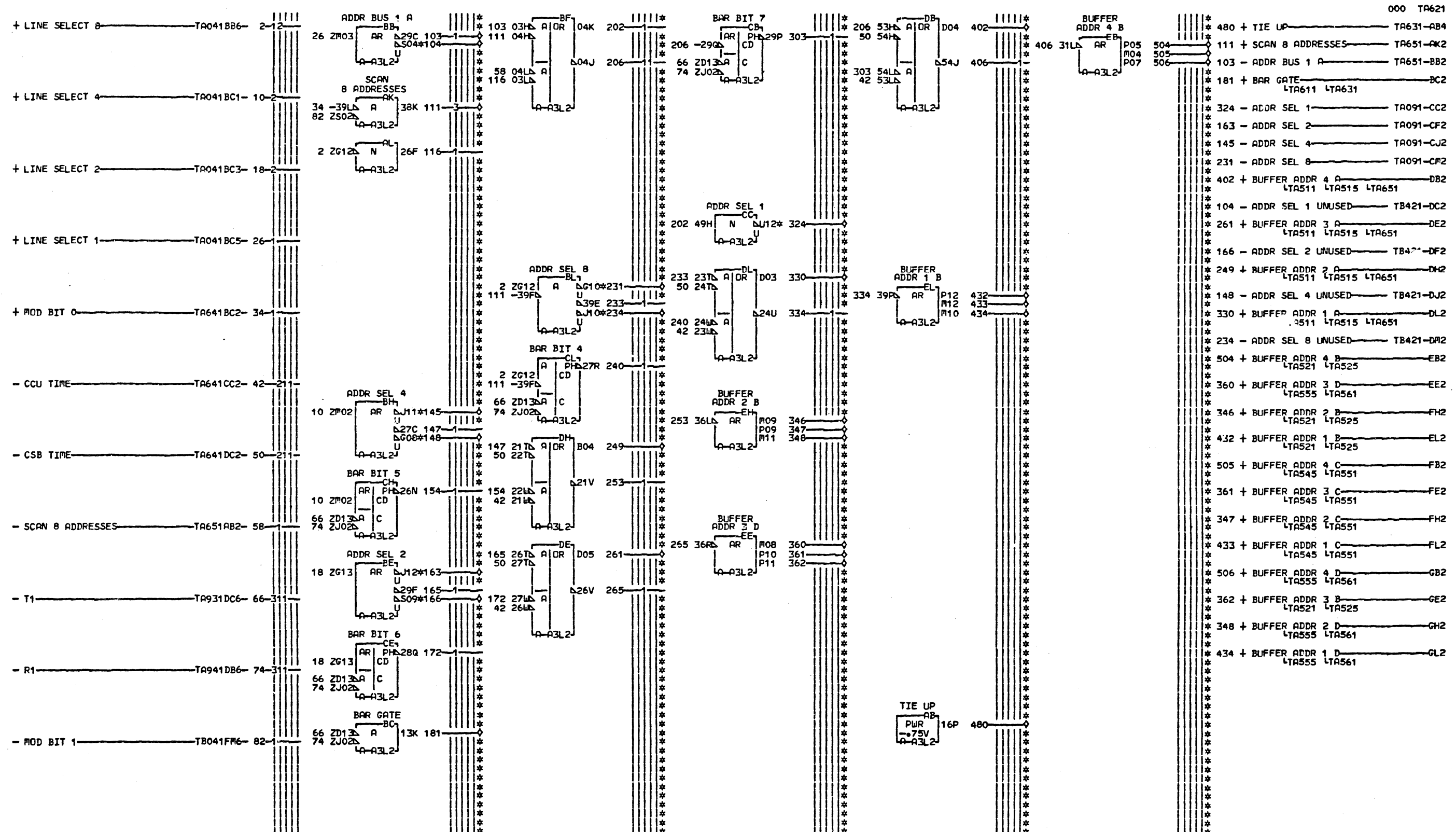


EDGE CONN. A-A3L2B12

2 RESISTOR	454	A-A3A3D13
A-A3L2B05	459	A-A3A3D11
7 RESISTOR	504	A-A3A5B08
A-A3L2B09	531	A-A3A5D06
12 RESISTOR	538	A-A3A5B13
A-A3L2B03		
17 RESISTOR		
A-A3L2D12		
22 RESISTOR		

LOC. TYPE
A-A3L2 7616

INTP GEN AND PRIOR AVAIL	
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	FRAME 01
DATE LAST EC	IBM CORP.SDD TA611
11-25-80 344401	P.N. 8550295 000



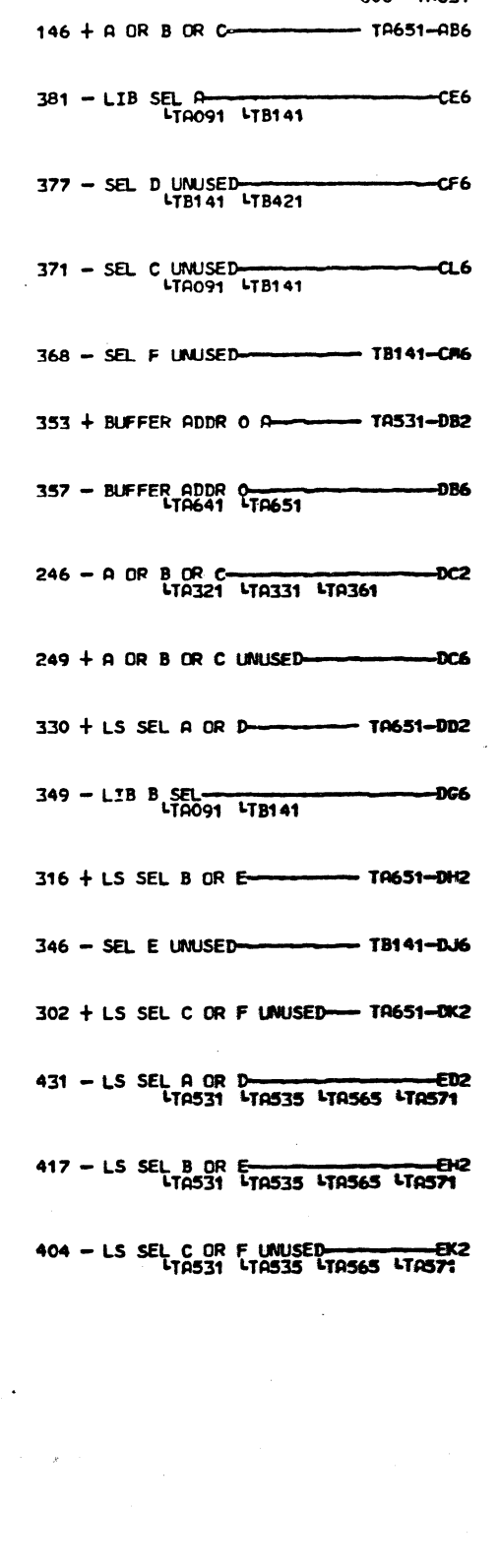
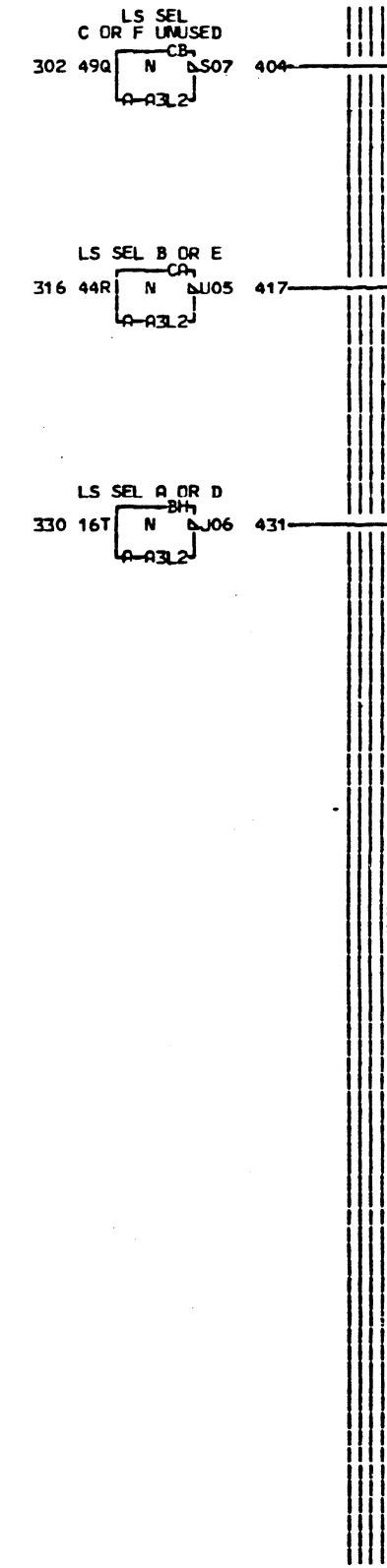
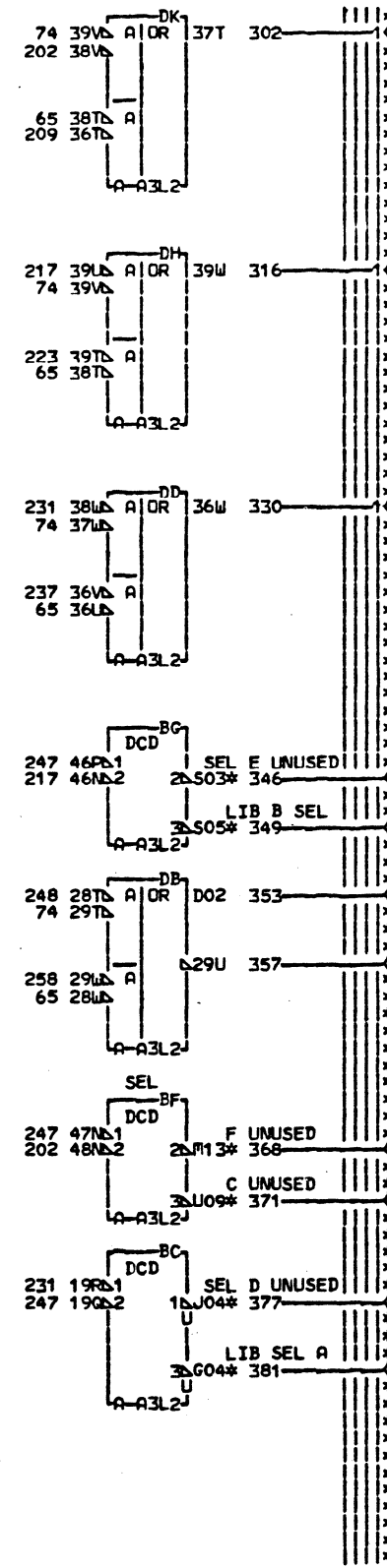
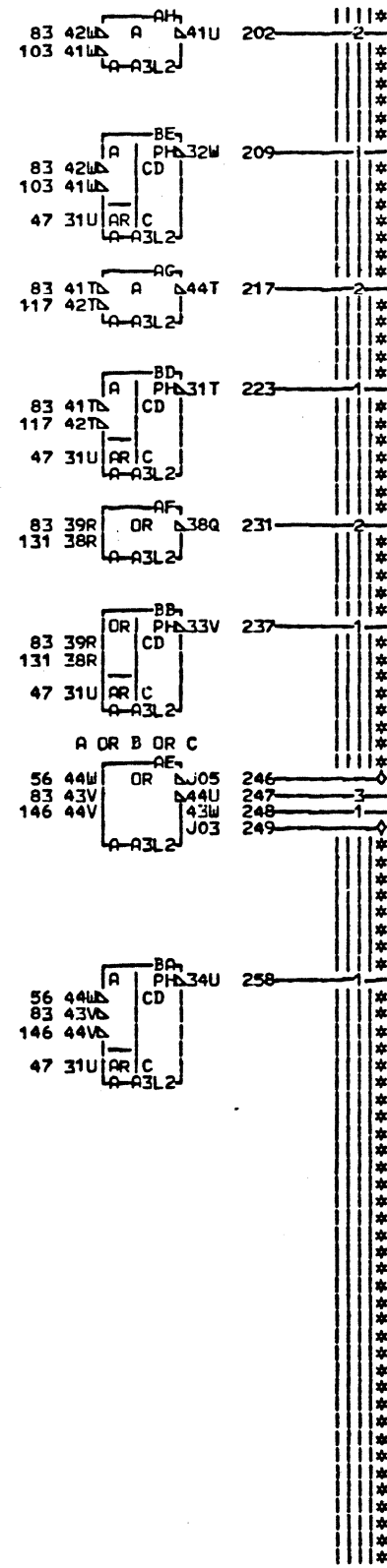
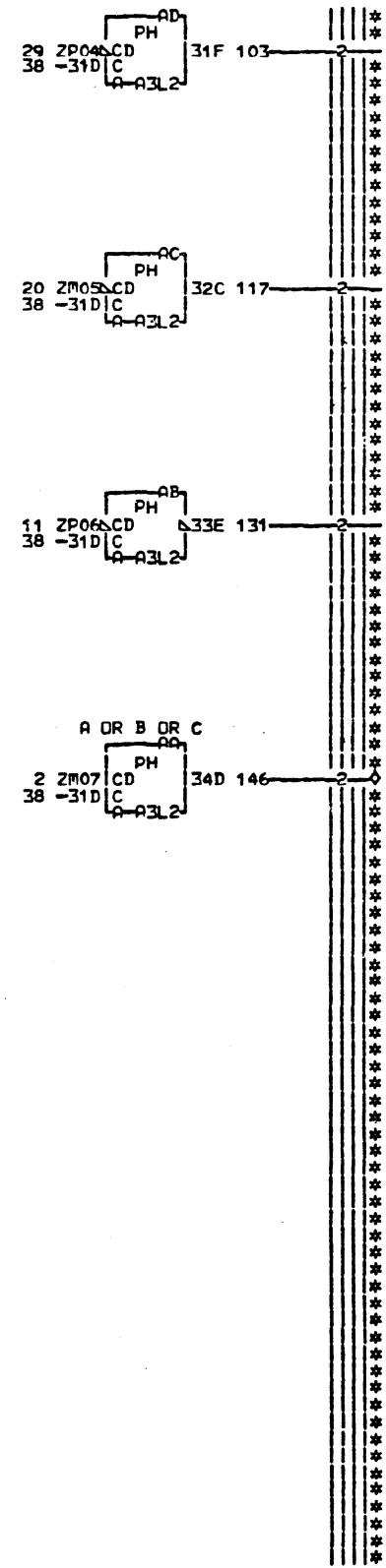
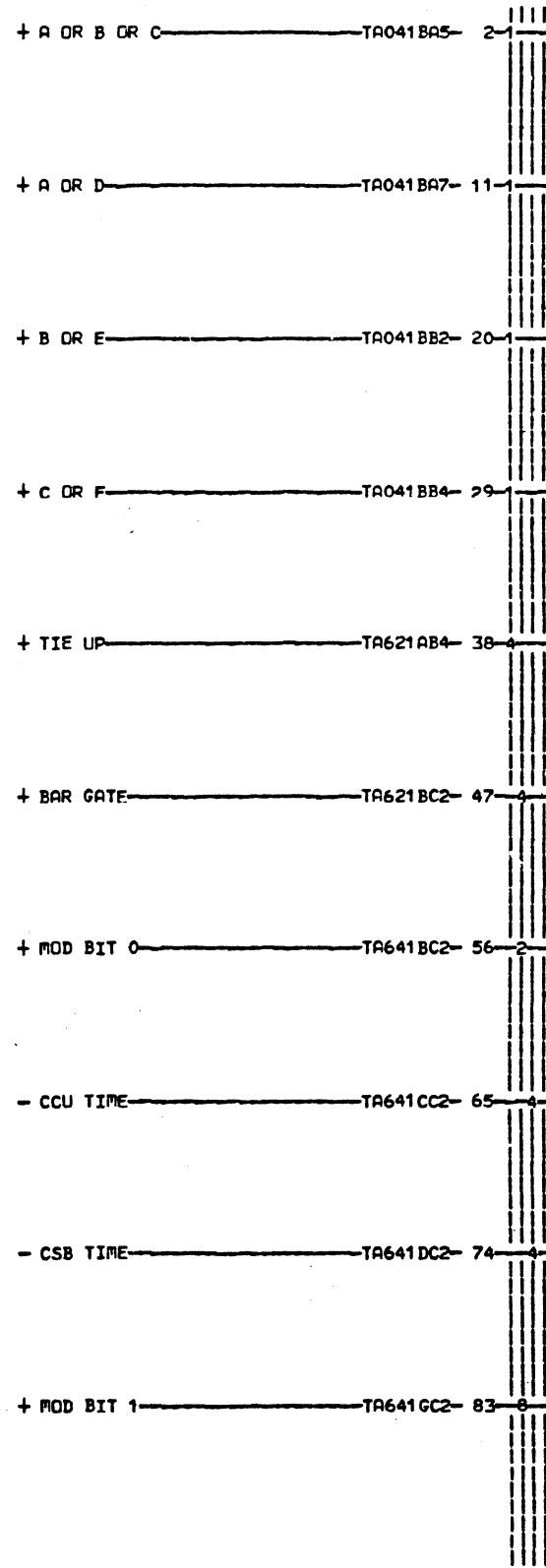
EDGE CONN.

104	A-A3U1 C11
145	A-A3U1 E11
148	A-A3U1 E11
163	A-A3U1 D11
166	A-A3U1 D11
231	A-A3U1 A11
234	A-A3U1 A11
324	A-A3U1 C11

TA621
000

LOC. TYPE
A-A3L2 7616

BUFFER AND LINE ADDRESS			
E.C.	HISTORY	E1	MACH.3705
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DATE	LAST EC	IBM CORP.	SDD TA621
11-25-80	344401	P.N.	8550296 000

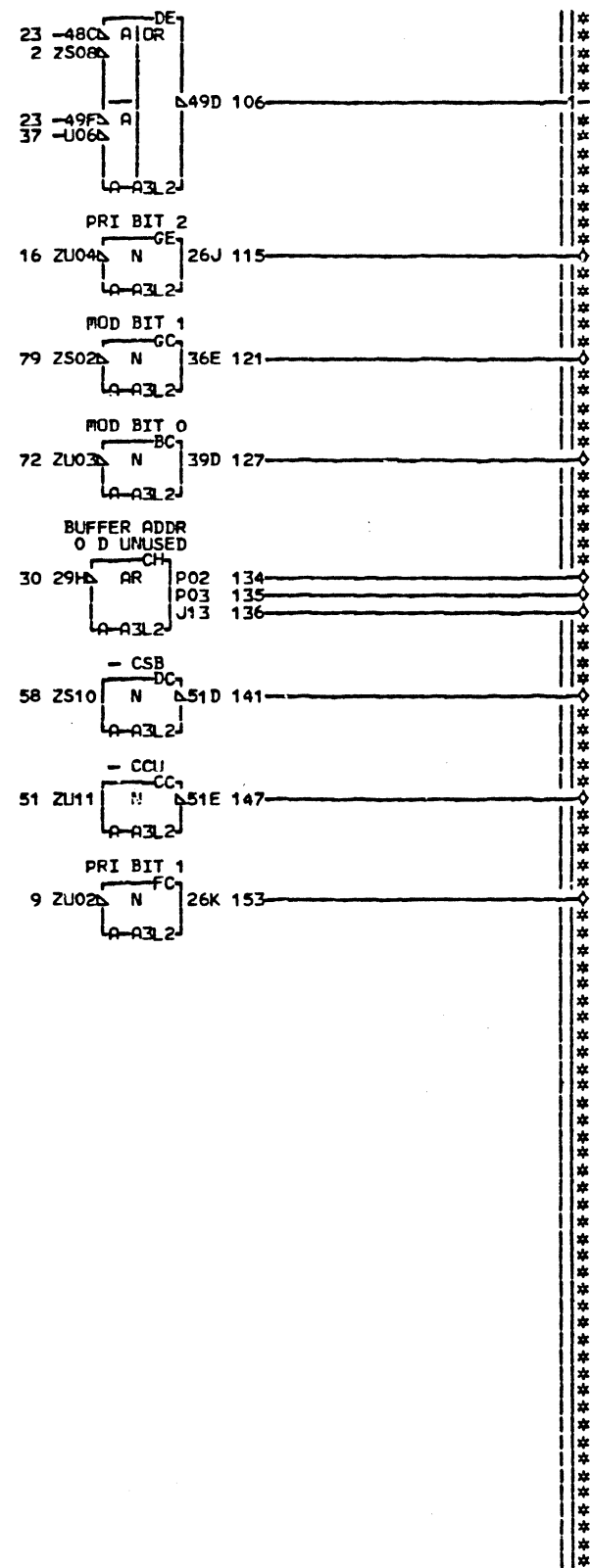


EDGE CONN.
 346 A-A3V1A13
 349 A-A3K1A13
 368 A-A3V1B13
 371 A-A3K1B13
 377 A-A3T1A13
 381 A-A3H1A13

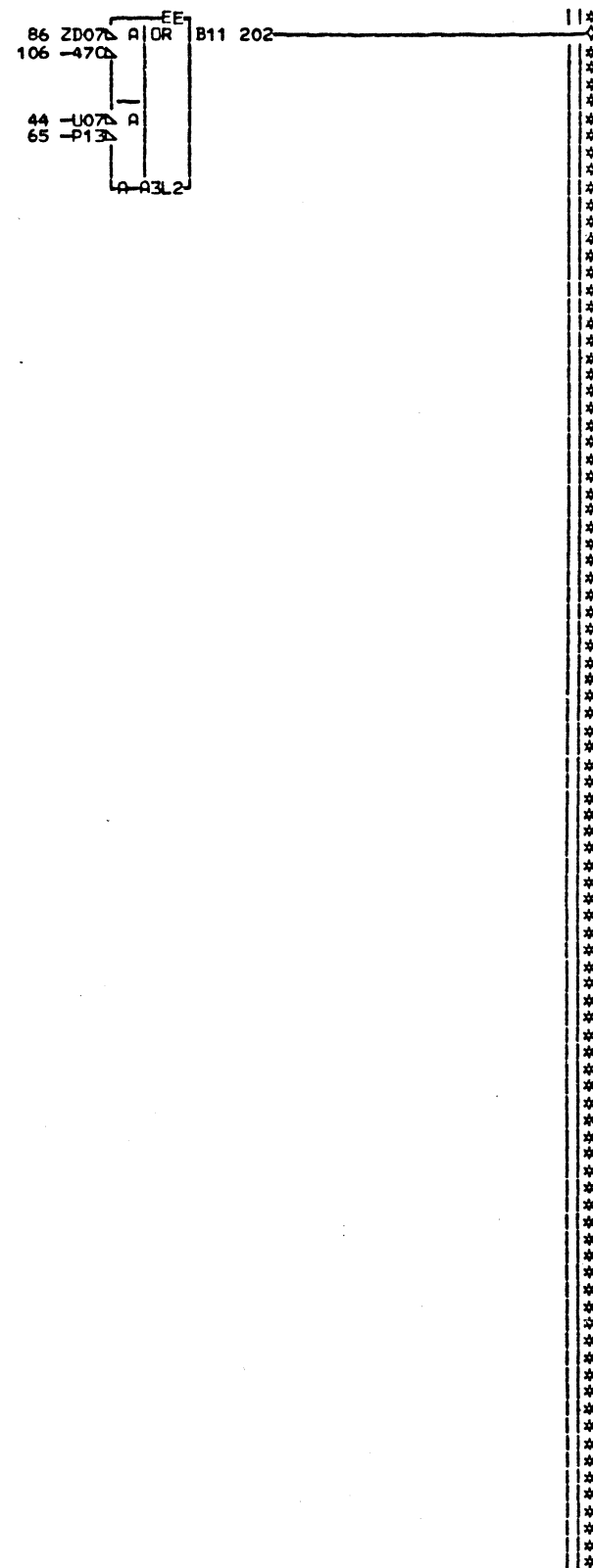
LOC. TYPE
 A-A3L2 7616

BUFFER AND LINE ADDRESS	
E.C.-HISTORY	E-PACH-3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP.SDD	TA631
P.No. 8550297	000

- CHAR SVC Q TA561FD2 2
 - PRIORITY 1 TA561FF2 9
 - PRIORITY 2 TA561FH2 16
 - PRIORITY REG NOT AVAILABLE TA611DA2 23
 - BUFFER ADDR 0 TA631DB6 30
 - INTERRUPT GO TA831GH6 37
 - OUTPUT 47 OUTPUT 34 TO 43 TA921CJ6 44
 - CSB TIME TA941FE2 51
 - CCU TIME TA941FE6 58
 - OUT REG BYTE 1 BIT 5 TB041EE6 65
 - MOD BIT 0 TB041FK6 72
 - MOD BIT 1 TB041FF6 79
 + DISABE OR SEL LIB RESET TB141DC2 86



LOC. TYPE
A-3L2 7616

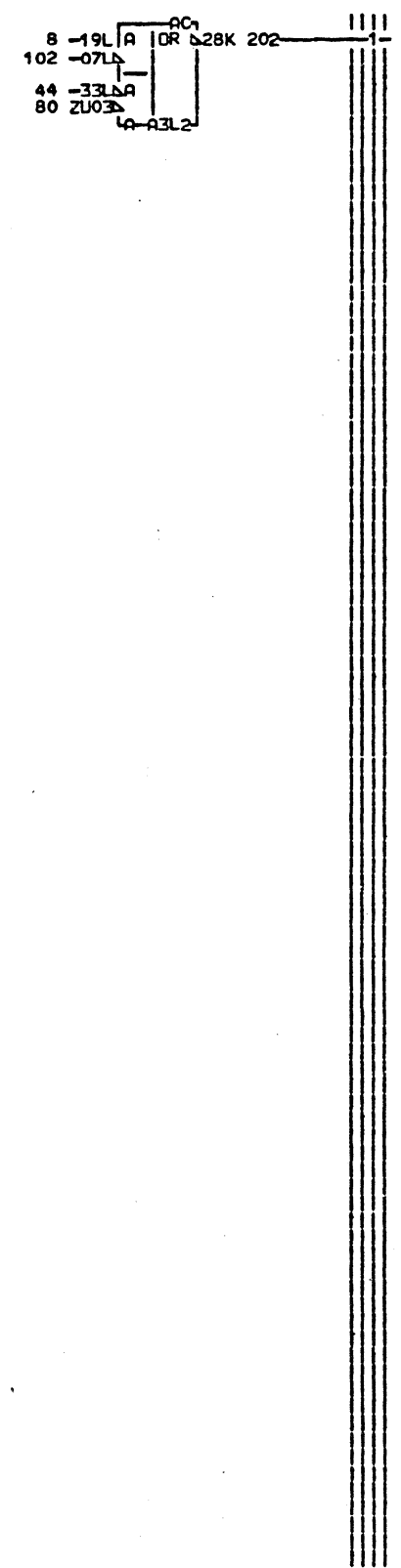
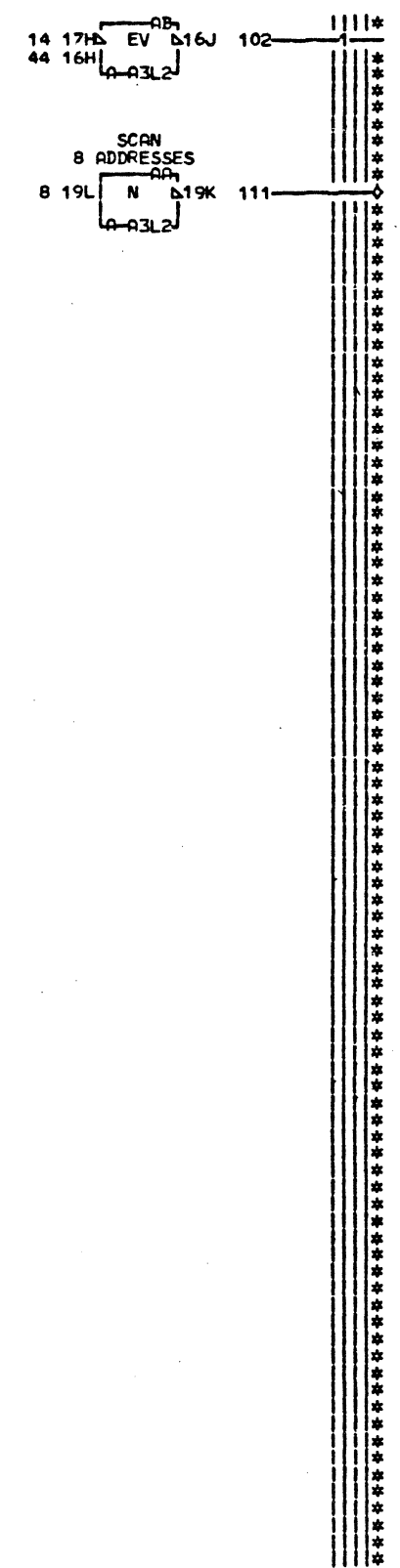
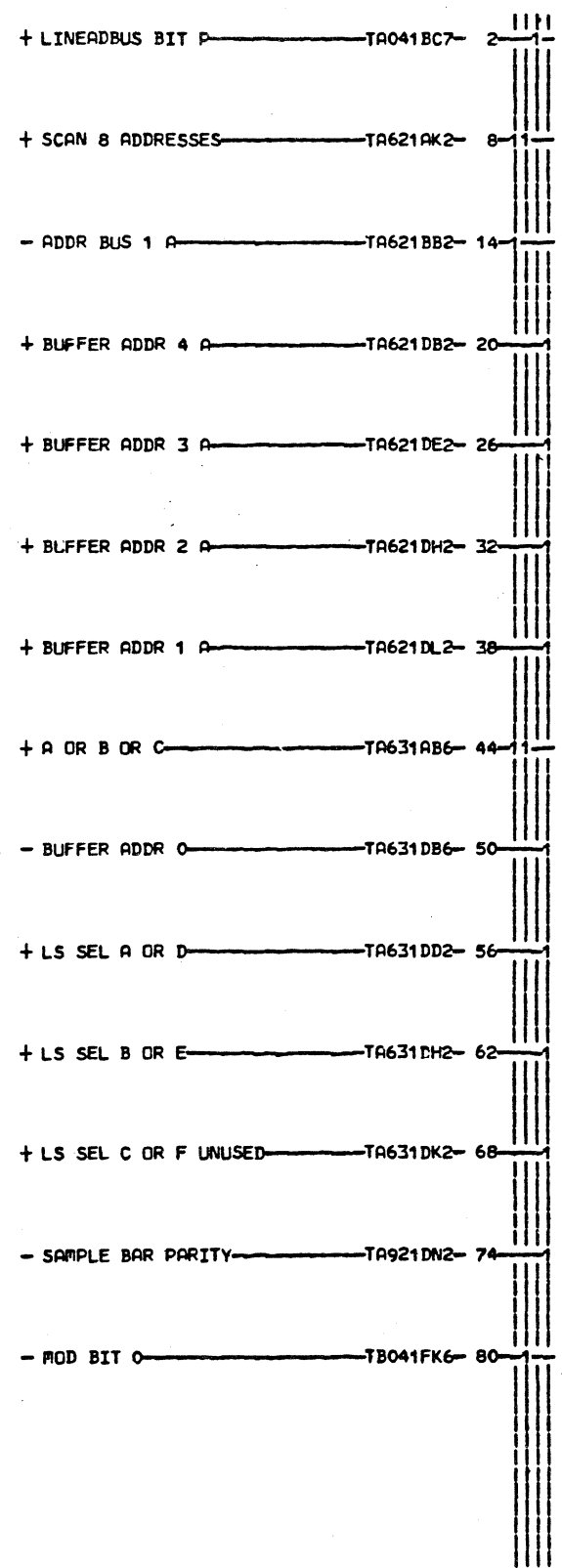


000 TA641

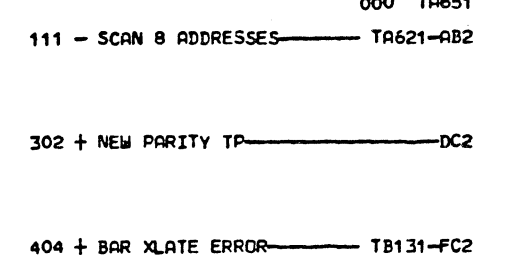
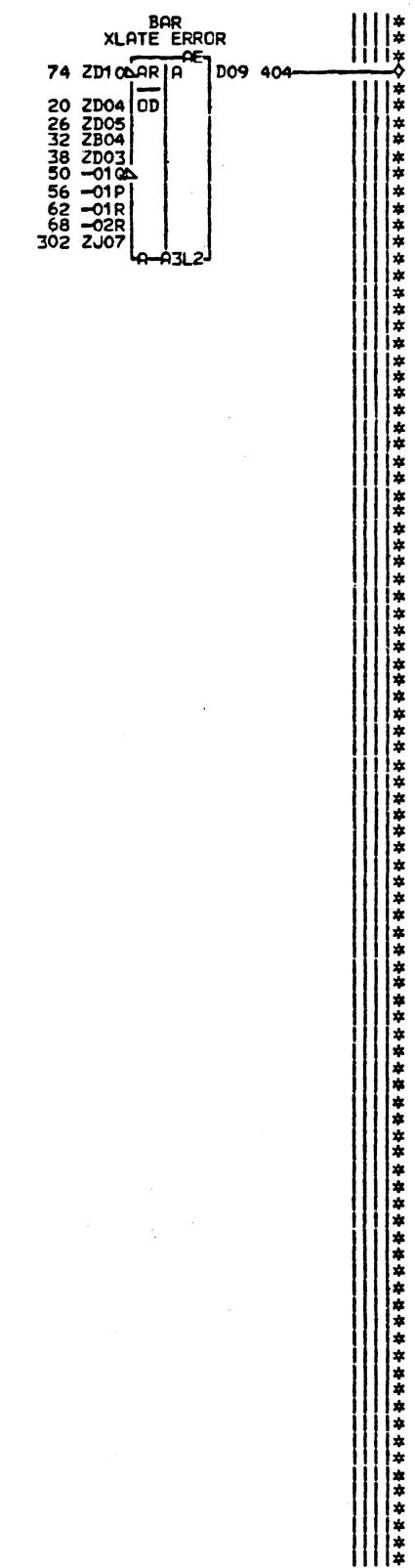
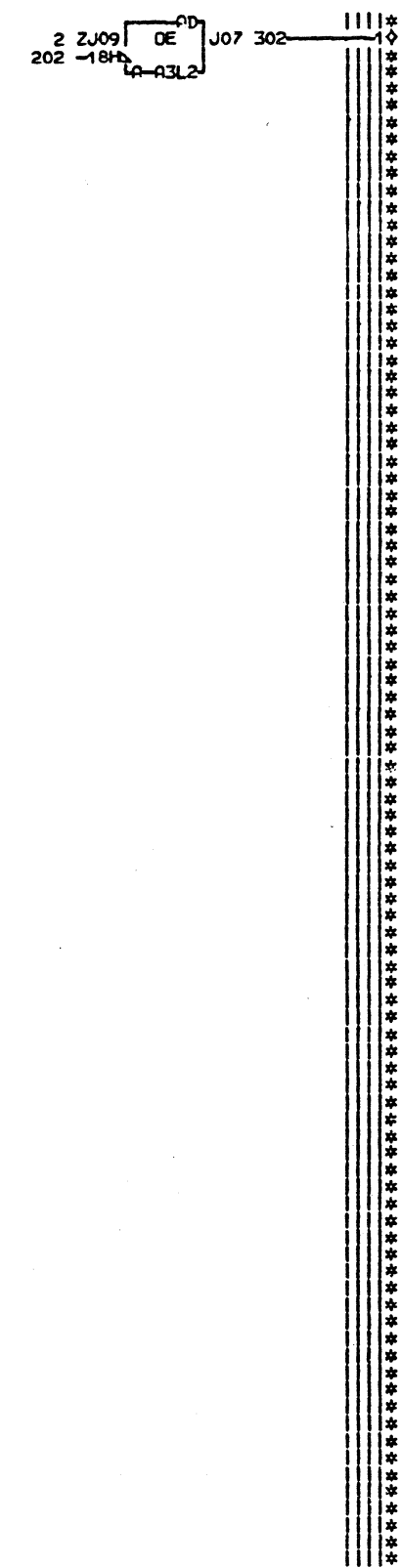
127 + MOD BIT 0 TA621 LTA631 BC2
 147 - CCU TIME LTA621 LTA631 CC2
 134 + BUFFER ADDR 0 D UNUSED TA565-CH2
 141 - CSB TIME LTA621 LTA631 DC2
 135 + BUFFER ADDR 0 C TA565-DH2
 202 + NEW CHAR SVC Q LTA561 LTA571 EE2
 136 + BUFFER ADDR 0 B UNUSED TA531-EH2
 153 + PRI BIT 1 TA611-FC2
 121 + MOD BIT 1 TA631-GC2
 115 + PRI BIT 2 TA611-GE2

TA641
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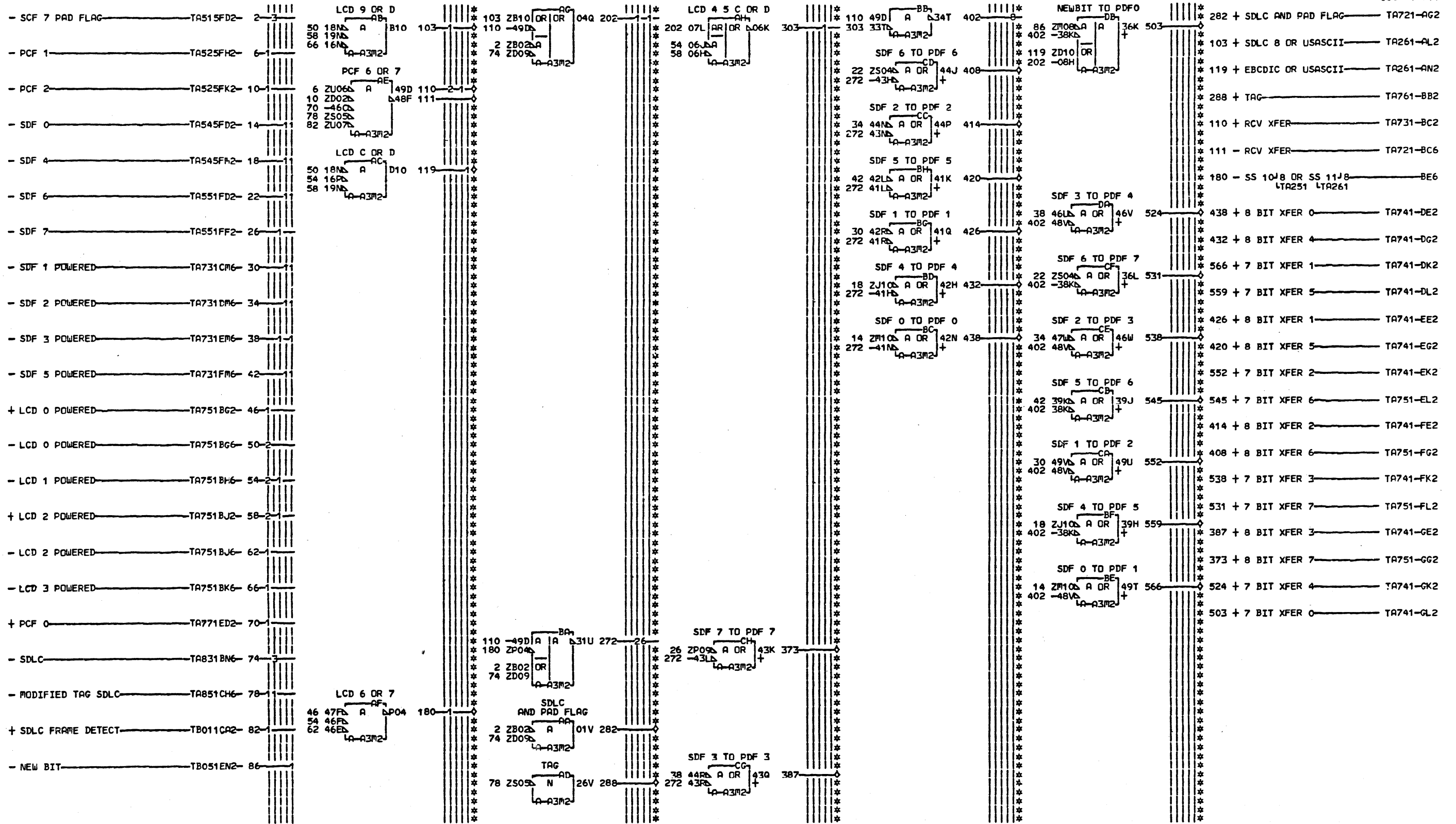
ADDRESS PARITY	
E.C. HISTORY	E. PACH 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP. SDD	TA641
P. No. 8550298	000



LOC. TYPE
A-A3L2 7616

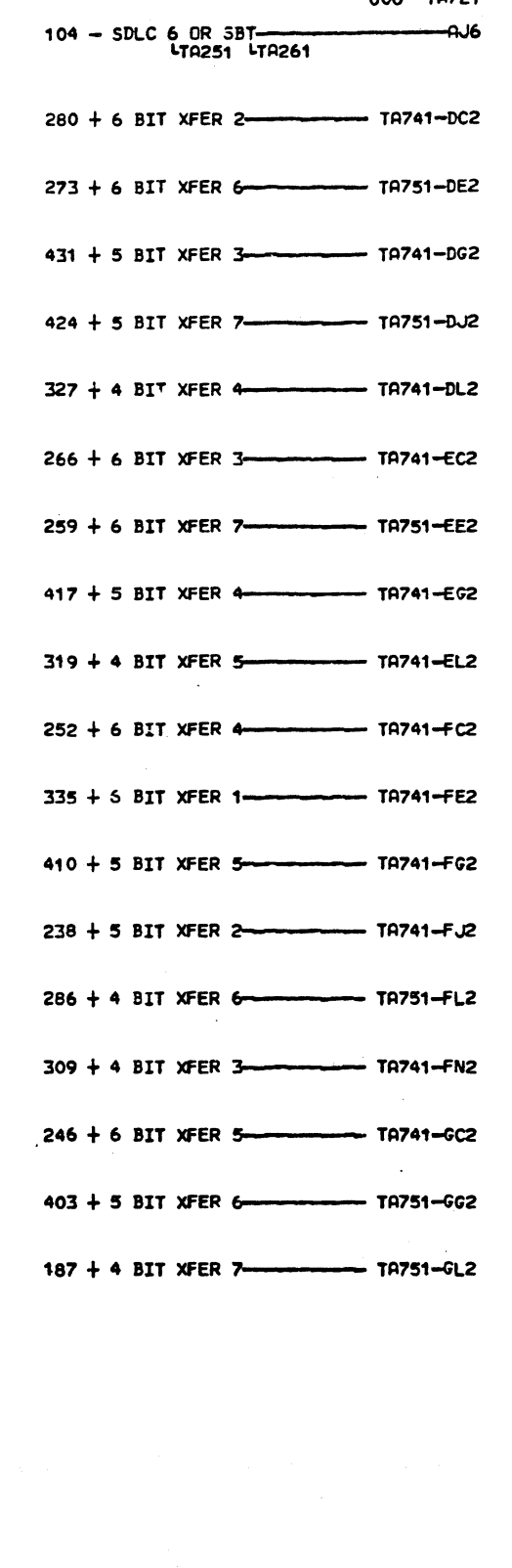
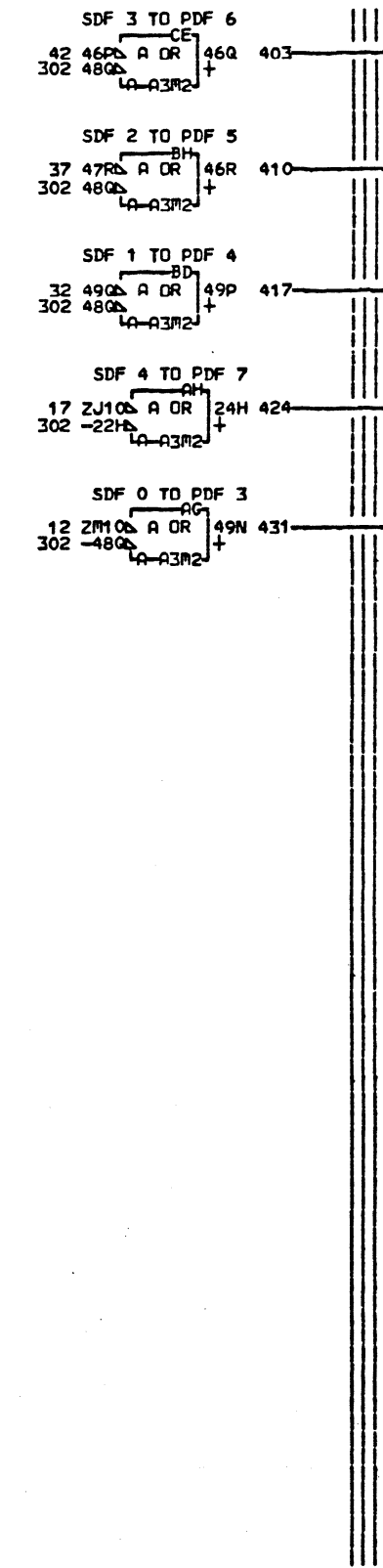
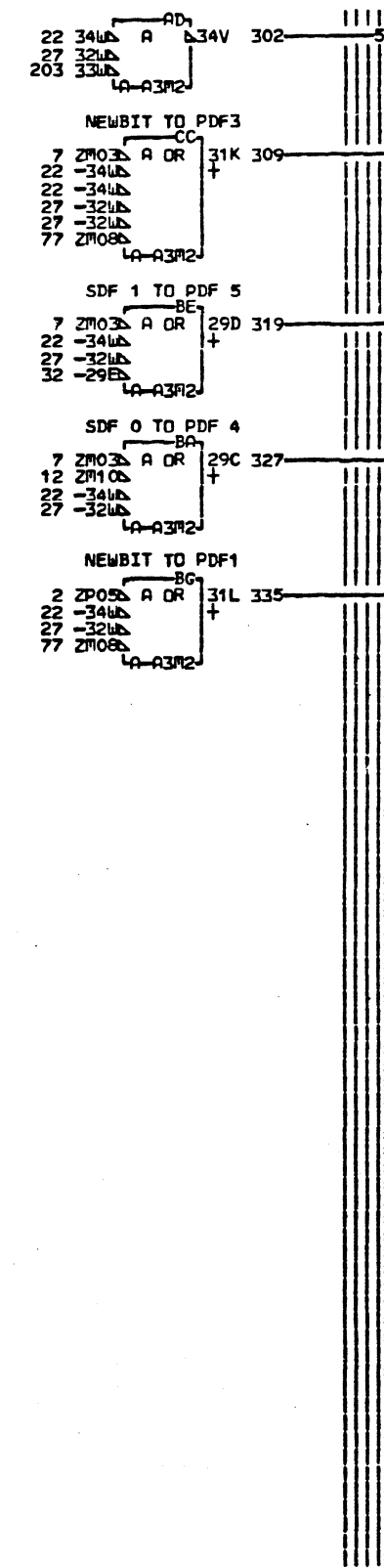
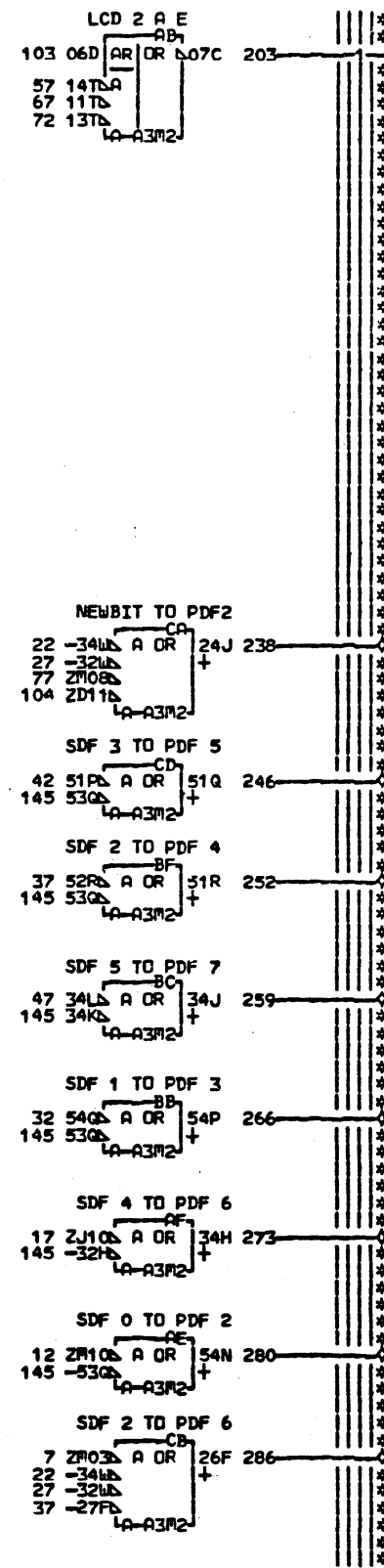
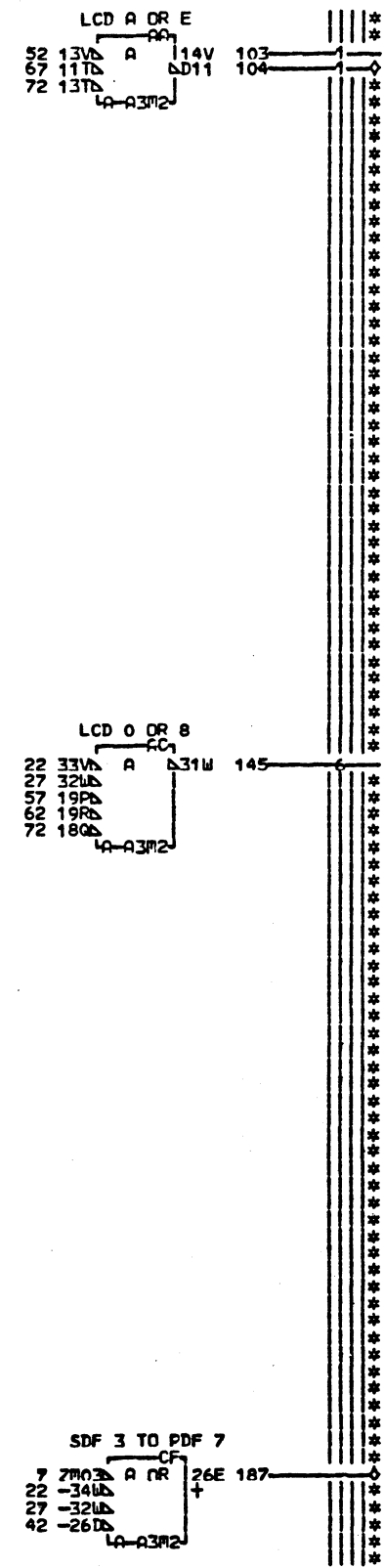
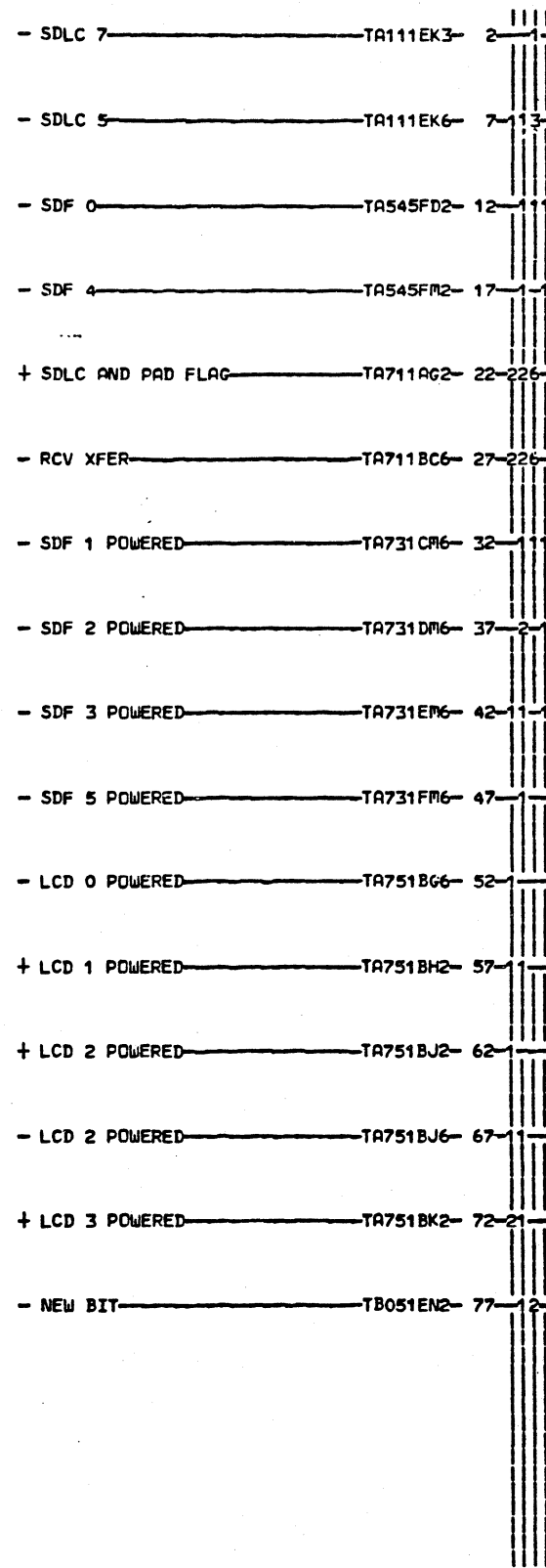


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11-25-80 344401		IBM CCRP. SDD	TA651
P.N. 8550299		000	



LOC. TYPE
A-A3M2 7617

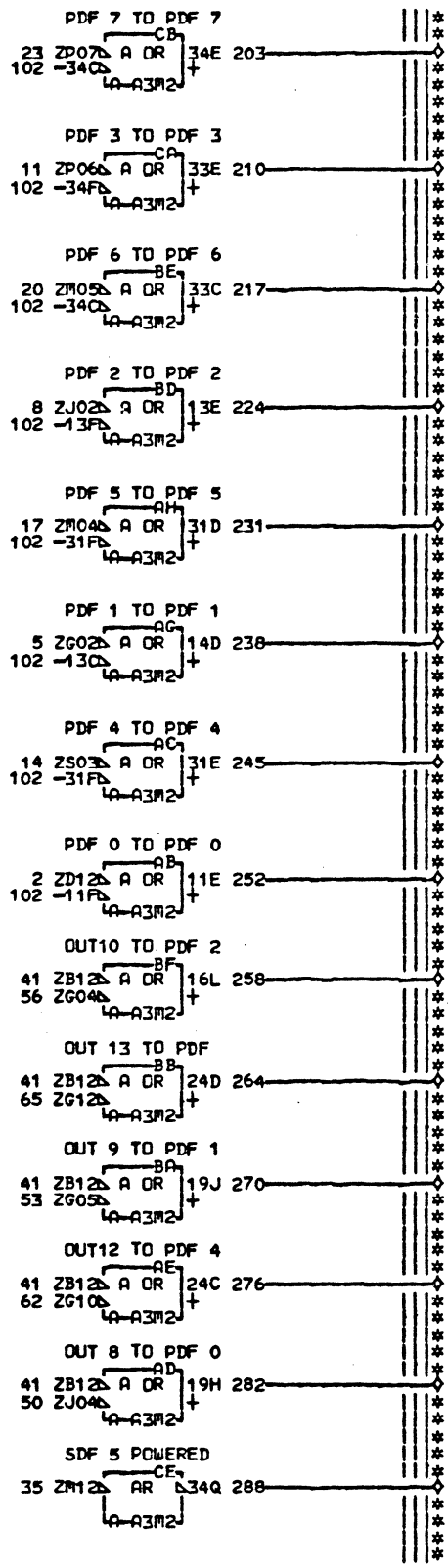
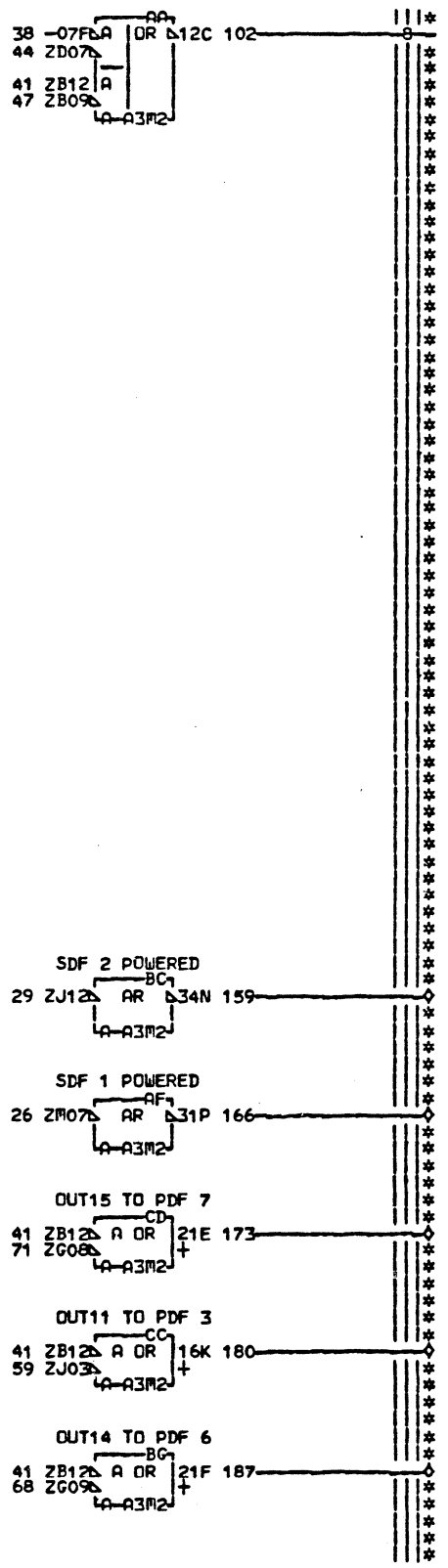
7 8 BIT XFER	
E.C. HISTORY	E.MACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP. SDD	TA711
P.N. 8550300	000



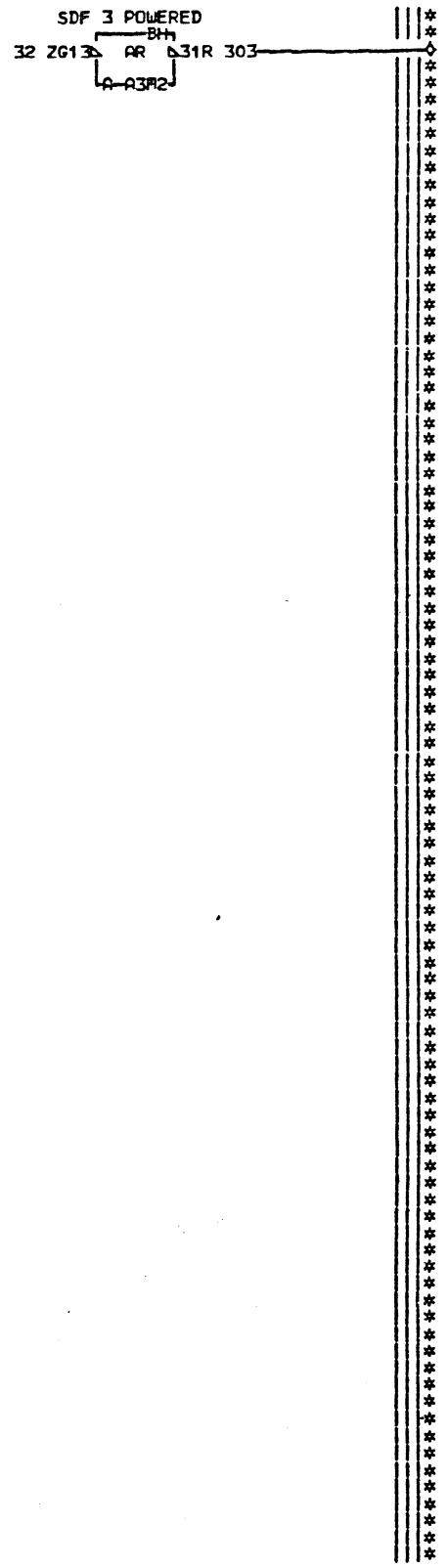
LOC. TYPE
A-A3M2 7617

4 5 6 BIT XFER	
E.C.-HISTORY	E-MACH-3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP-SDD TA721
	P.No. 8550301 000

- PDF 0 TA515FF2- 2-1
 - PDF 1 TA515FH2- 5-1
 - PDF 2 TA515FK2- 8-1
 - PDF 3 TA515FM2- 11-1
 - PDF 4 TA521FB2- 14-1
 - PDF 5 TA521FD2- 17-1
 - PDF 6 TA521FF2- 20-1
 - PDF 7 TA521FH2- 23-1
 - SDF 1 TA545FF2- 26-1
 - SDF 2 TA545FH2- 29-1
 - SDF 3 TA545FK2- 32-1
 - SDF 5 TA551FB2- 35-1
 + RCV XFER TA711BC2- 38-1
 - OUTPUT 44 OUTPUT 0 TO 15 TA921CC6- 41-45
 - CSB TIME TA941FE2- 44-1
 - CCU TIME TA941FE6- 47-1
 - OUT REG BYTE 1 BIT 0 TB031EH6- 50-1
 - OUT REG BYTE 1 BIT 1 TB031EK6- 53-1
 - OUT REG BYTE 1 BIT 2 TB031EM6- 56-1
 - OUT REG BYTE 1 BIT 3 TB041EA6- 59-1
 - OUT REG BYTE 1 BIT 4 TB041EC6- 62-1
 - OUT REG BYTE 1 BIT 5 TB041EE6- 65-1
 - OUT REG BYTE 1 BIT 6 TB041EG6- 68-1
 - OUT REG BYTE 1 BIT 7 TB041EJ6- 71-1



LDC. TYPE
A-A3M2 7617



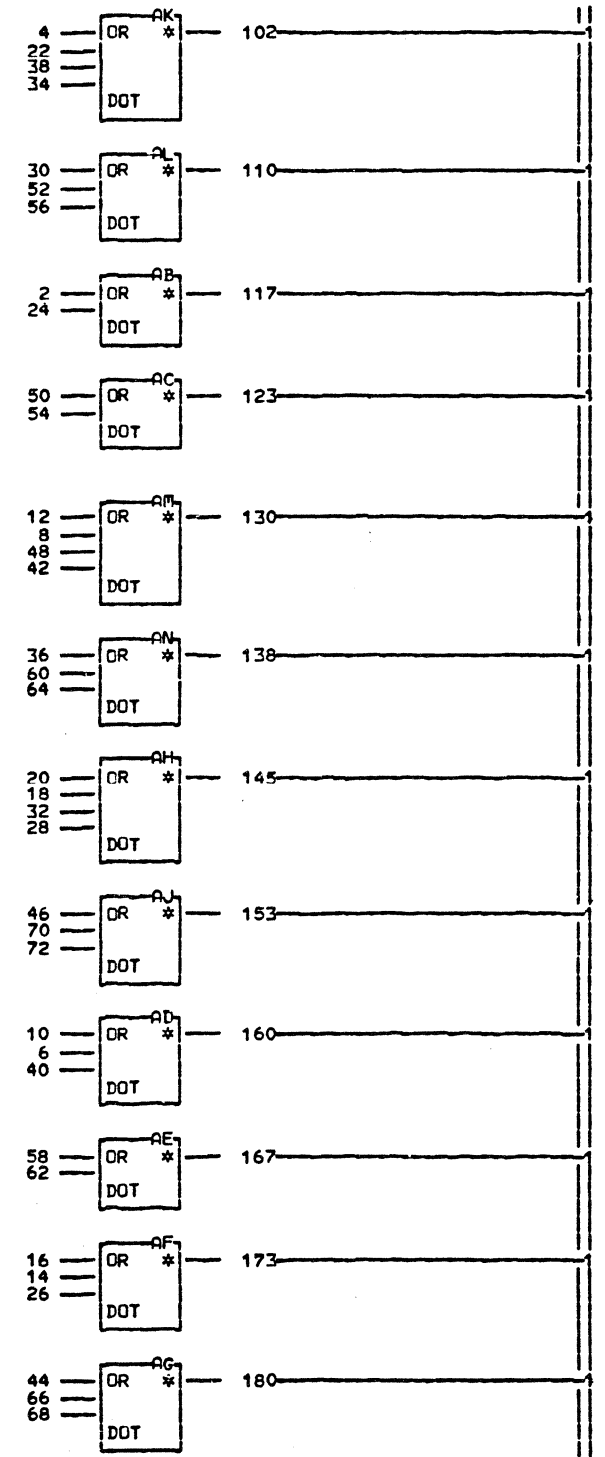
000 TA731

252 + PDF DIR 0 TA741-CC2
 245 + PDF DIR 4 TA741-CE2
 282 + OUT PDF 0 TA741-CH2
 276 + OUT PDF 4 TA741-CK2
 166 - SDF 1 POWERED CM6
 LTA711 LTA721
 238 + PDF DIR 1 TA741-DC2
 231 + PDF DIR 5 TA741-DE2
 270 + OUT PDF 1 TA741-DH2
 264 + OUT PDF 5 TA741-DK2
 159 - SDF 2 POWERED DM6
 LTA711 LTA721
 224 + PDF DIR 2 TA741-EC2
 217 + PDF DIR 6 TA751-EE2
 258 + OUT PDF 3 TA741-EH2
 187 + OUT PDF 6 TA751-EK2
 303 - SDF 3 POWERED EM6
 LTA711 LTA721 LTA761
 210 + PDF DIR 3 TA741-FC2
 203 + PDF DIR 7 TA751-FE2
 180 + OUT PDF 3 TA741-FH2
 173 + OUT PDF 7 TA751-FK2
 288 - SDF 5 POWERED FM6
 LTA711 LTA721 LTA761

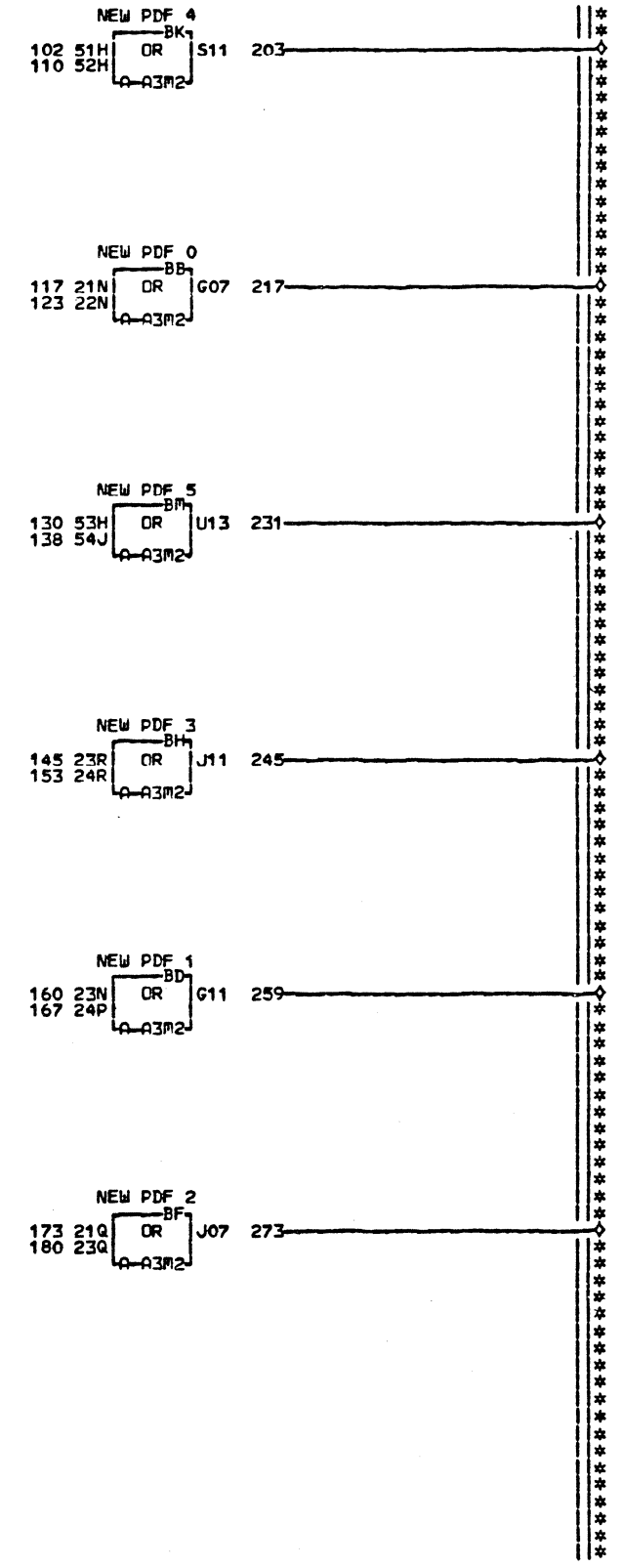
TA731
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PDF DIR AND OUT PDF	
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	FRAME 01
DATE LAST EC	IBM CORP.SDD TA731
11-25-80 344401	P.N. 85503C2 000

+ 8 BIT XFER 0	TA711DE2	2-1
+ 8 BIT XFER 4	TA711DG2	4-1
+ 7 BIT XFER 1	TA711DK2	6-1
+ 7 BIT XFER 5	TA711DL2	8-1
+ 8 BIT XFER 1	TA711EE2	10-1
+ 8 BIT XFER 5	TA711EG2	12-1
+ 7 BIT XFER 2	TA711EK2	14-1
+ 8 BIT XFER 2	TA711FE2	16-1
+ 7 BIT XFER 3	TA711FK2	18-1
+ 8 BIT XFER 3	TA711GE2	20-1
+ 7 BIT XFER 4	TA711GK2	22-1
+ 7 BIT XFER 0	TA711GL2	24-1
+ 6 BIT XFER 2	TA721DC2	26-1
+ 5 BIT XFER 3	TA721DG2	28-1
+ 4 BIT XFER 4	TA721DL2	30-1
+ 6 BIT XFER 3	TA721EC2	32-1
+ 5 BIT XFER 4	TA721EG2	34-1
+ 4 BIT XFER 5	TA721EL2	36-1
+ 6 BIT XFER 4	TA721FC2	38-1
+ 6 BIT XFER 1	TA721FE2	40-1
+ 5 BIT XFER 5	TA721FG2	42-1
+ 5 BIT XFER 2	TA721FJ2	44-1
+ 4 BIT XFER 3	TA721FN2	46-1
+ 6 BIT XFER 5	TA721GC2	48-1
+ PDF DIR 0	TA731CC2	50-1
+ PDF DIR 4	TA731CE2	52-1
+ OUT PDF 0	TA731CH2	54-1
+ OUT PDF 4	TA731CK2	56-1
+ PDF DIR 1	TA731DC2	58-1
+ PDF DIR 5	TA731DE2	60-1
+ OUT PDF 1	TA731DH2	62-1
+ OUT PDF 5	TA731DK2	64-1
+ PDF DIR 2	TA731EC2	66-1
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+ PDF DIR 3	TA731FC2	70-1
+ OUT PDF 3	TA731FH2	72-1



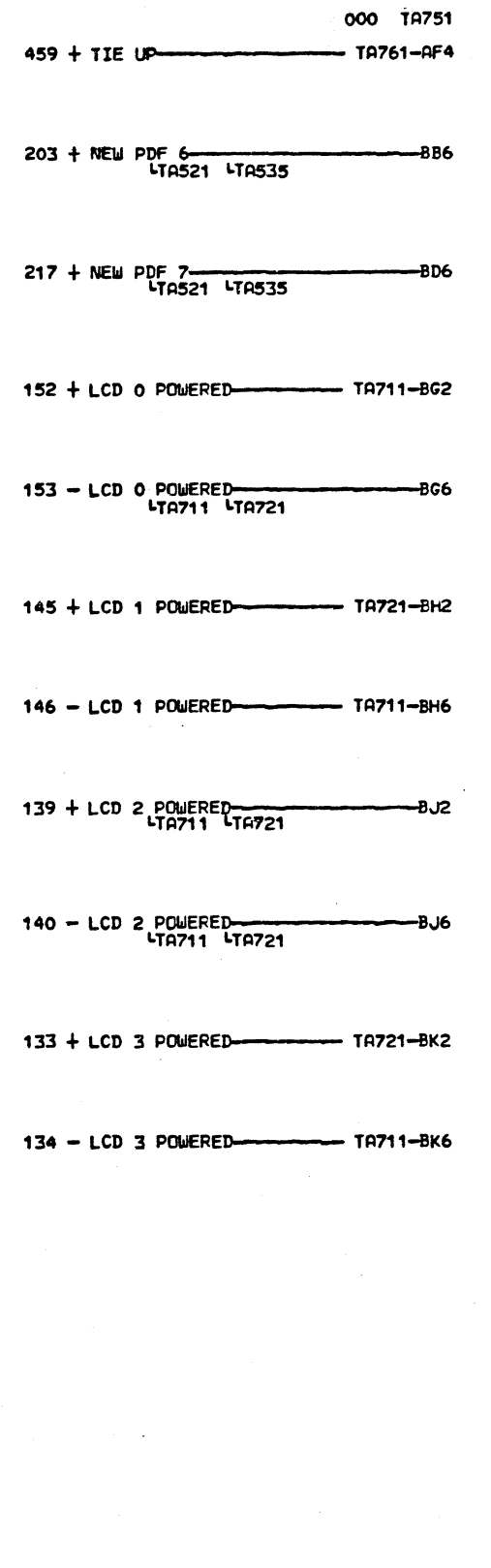
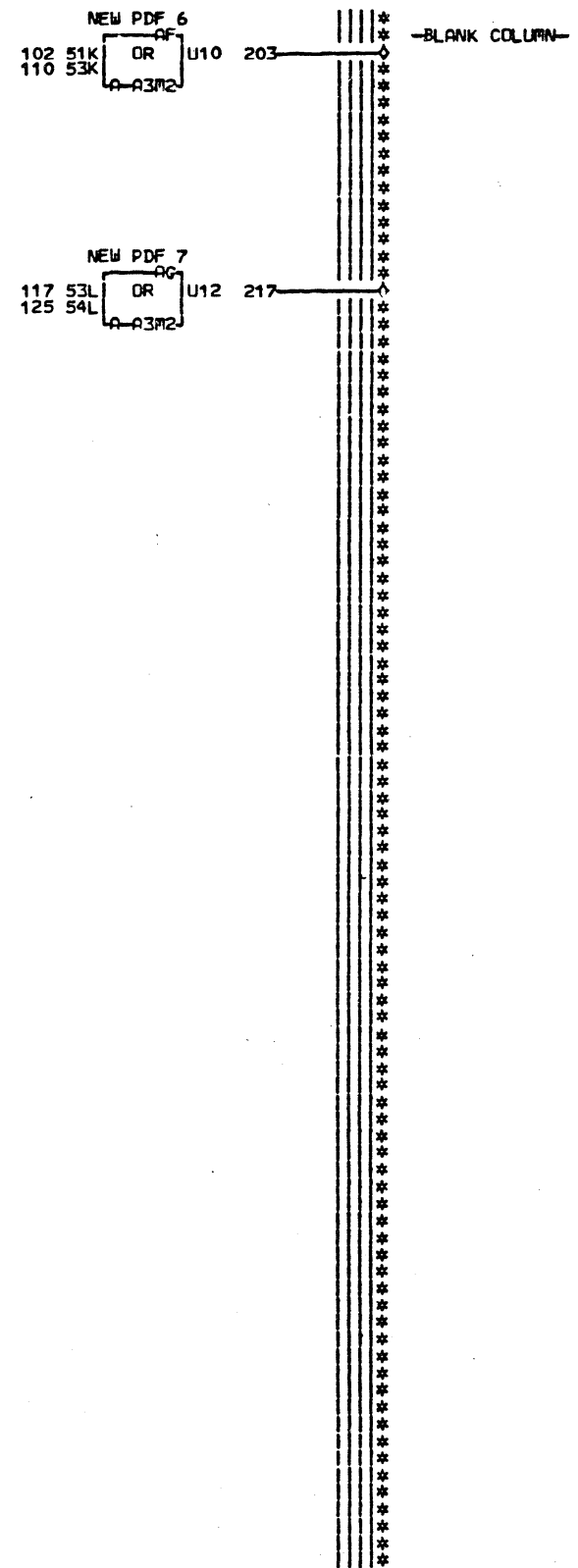
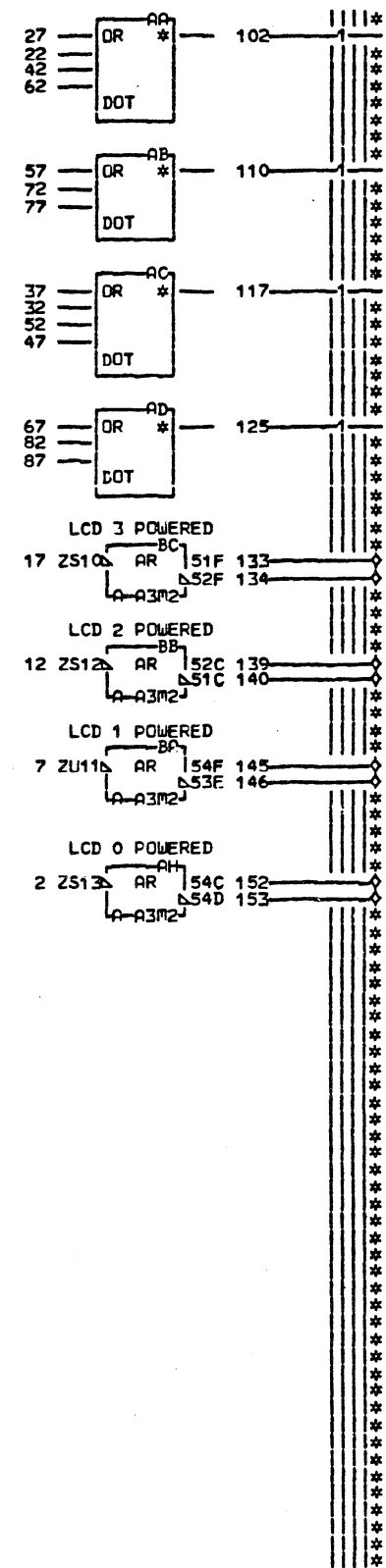
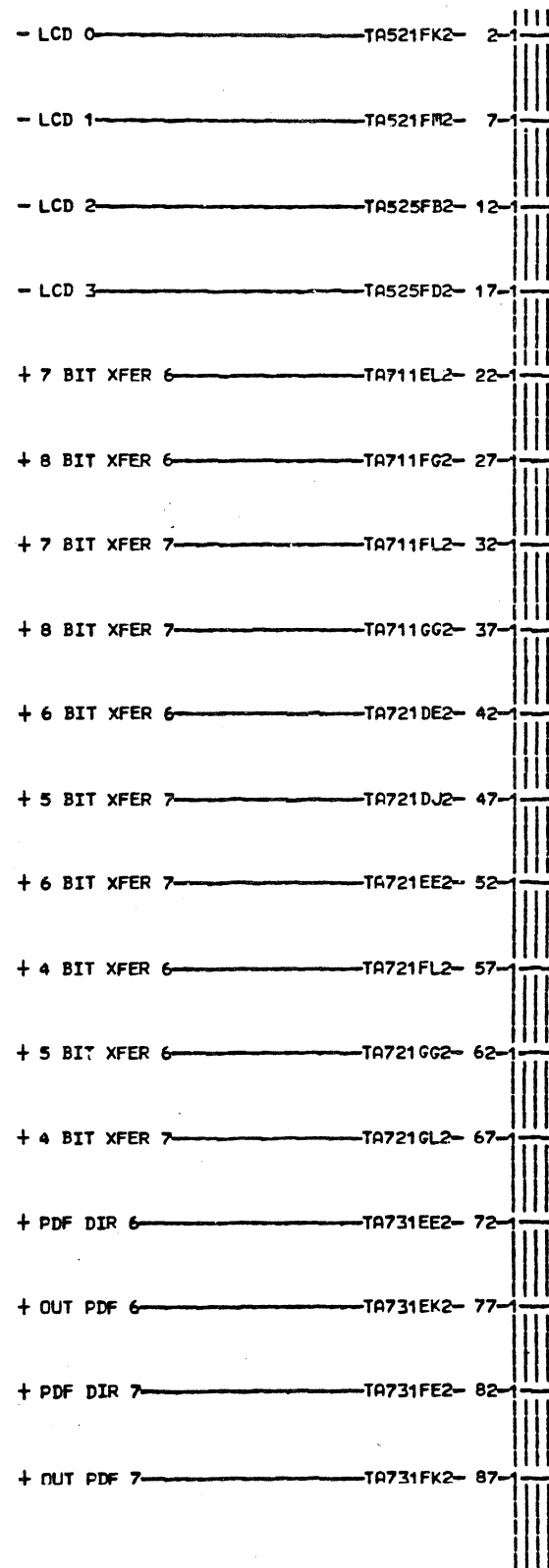
LOC. TYPE
A-A3M2 7617



000 TA741

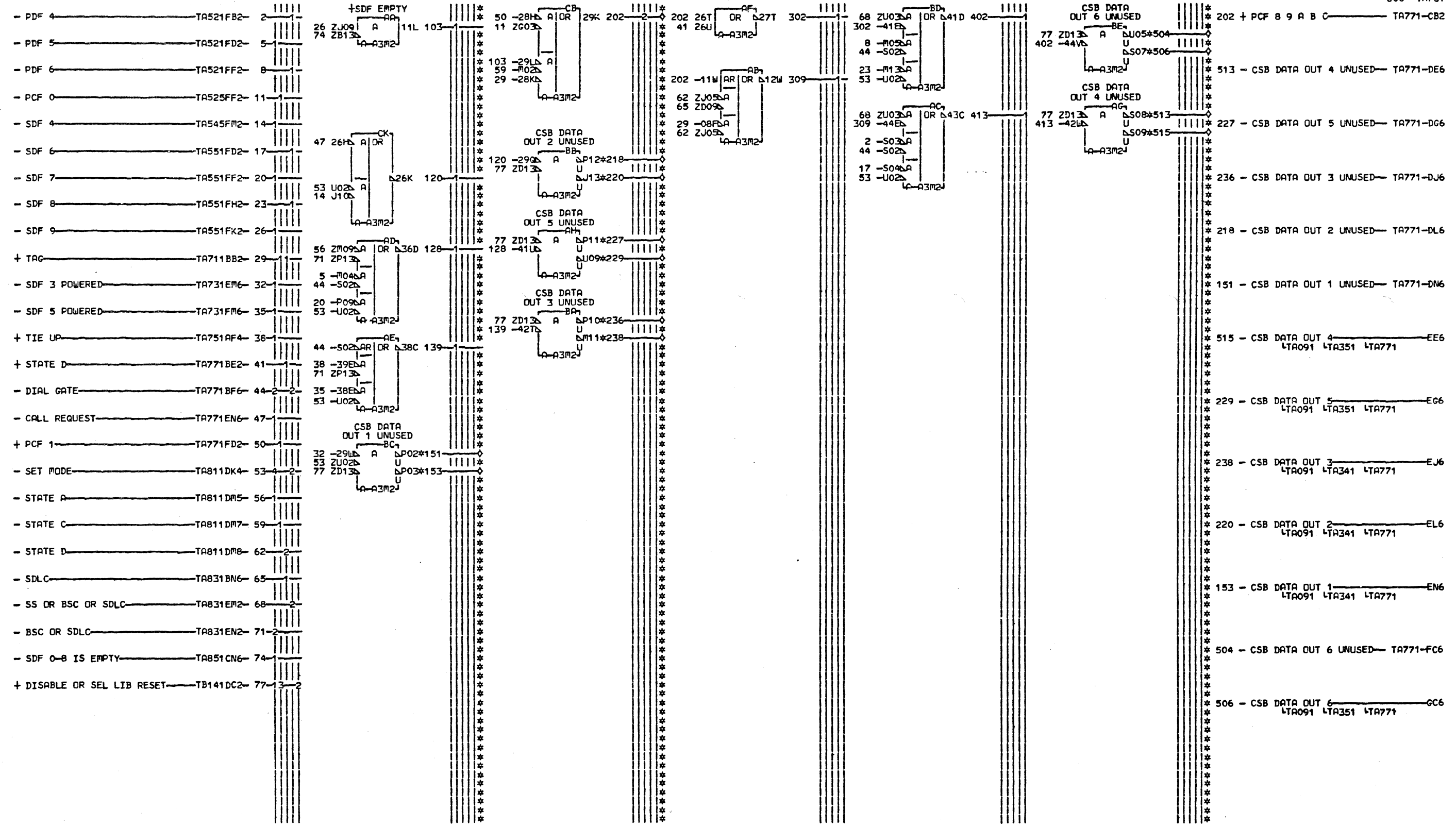
217 + NEW PDF 0	BB6
LTA515 LTA535	
259 + NEW PDF 1	BD6
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273 + NEW PDF 2	BF6
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LTA515 LTA535	
203 + NEW PDF 4	BK6
LTA521 LTA535	
231 + NEW PDF 5	BM6
LTA521 LTA535	

NEW PDF 0 TO 5	
E.C. HISTORY	E.MACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP. SDD	TA741
P.N. 8550303	000



LOC. TYPE
A-A3M2 7617

NEW PDF 6 7	
E.C.-HISTORY	E. MACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP. SDD	TA751
P.N.	8550304
	000



EDGE CONN. 506 A-A3J1C13
 151 A-A3V1B11 513 A-A3T1E13
 151 A-A3K1B11 515 A-A3H1E13
 218 A-A3T1C13
 220 A-A3H1C13
 227 A-A3U1B13
 229 A-A3J1B13
 236 A-A3T1D13
 238 A-A3H1D13
 504 A-A3U1C13

LOC. TYPE
 A-A3M2 7617

CSB DATA OUT 1 2 3 4 5 6	
E.C.-HISTORY	E-MACH.#3705
	FRAME 01
DATE LAST EC	IBM CORP.SDD TA761
11-25-80 344401	P.N. 8550305 000

TA761
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117 + STATE D TA761-BE2

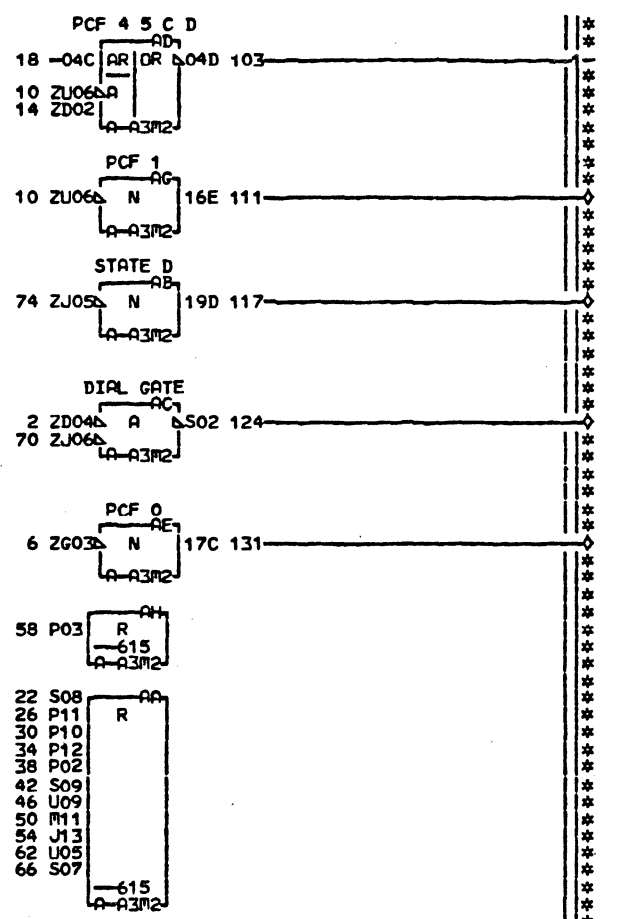
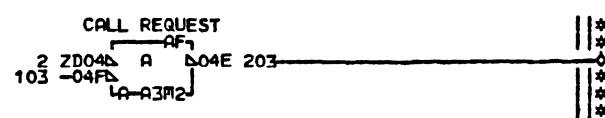
124 - DIAL GATE TA311 TA761 BF6

131 + PCF 0 TA711-ED2

203 - CALL REQUEST TA761-EN6

111 + PCF 1 TA761-FD2

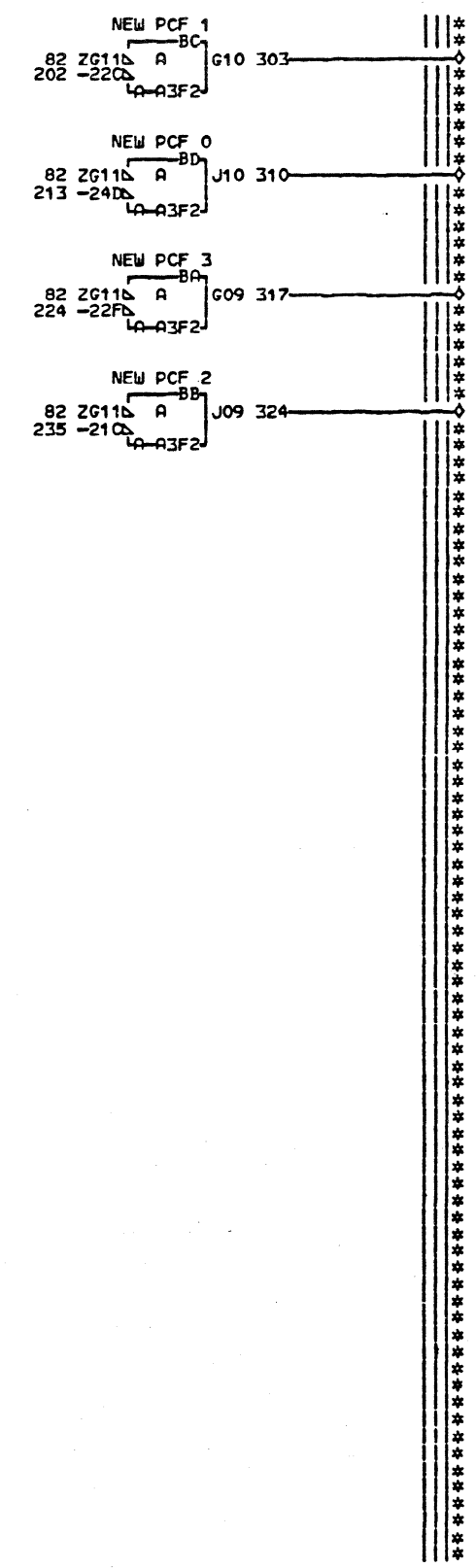
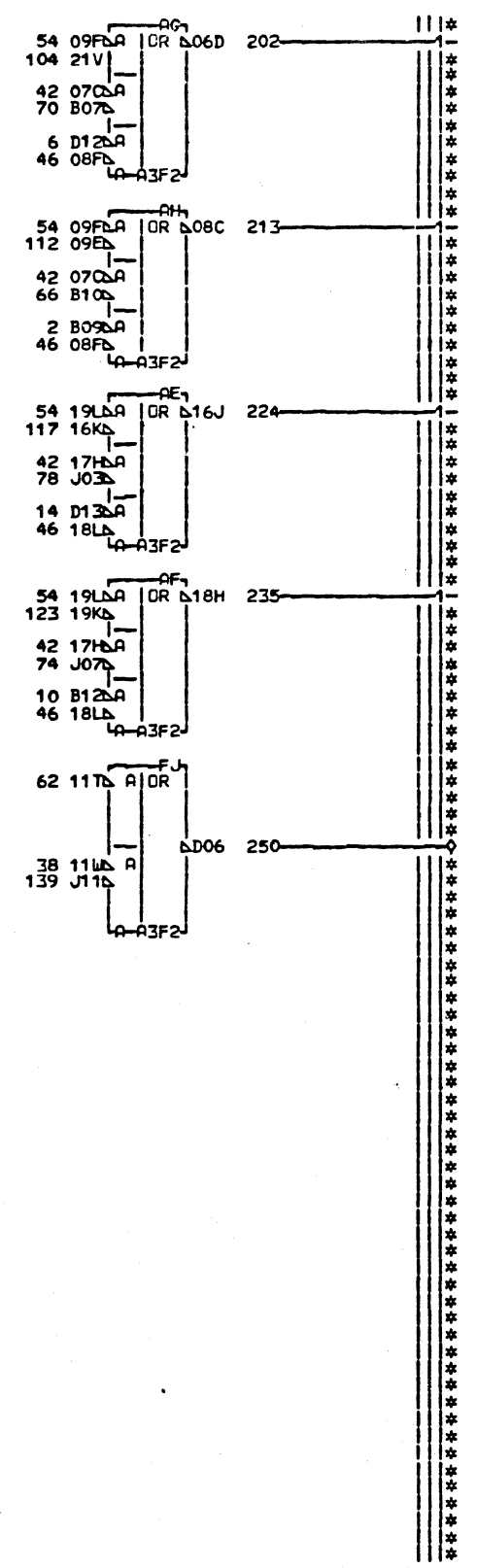
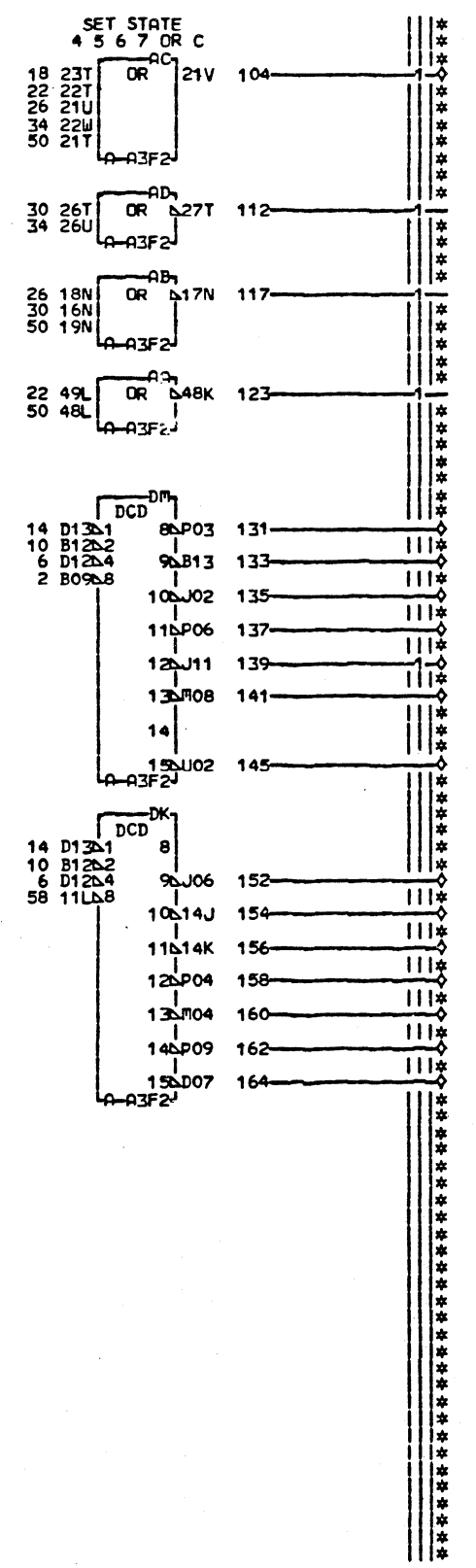
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		FRAME	01
		IBM CORP.SDD	TA771
DATE	LAST EC	P.N.	8550306 000
11-25-80	344401		



LOC. TYPE
A-A3M2 7617

- DIAL TA111EM6- 2-1
- PCF 0 TA525FF2- 6
- PCF 1 TA525FH2- 10-2
- PCF 2 TA525FK2- 14
- + PCF B 9 A B C TA761CB2- 18
- CSB DATA OUT 4 UNUSED TA761DE6- 22
- CSB DATA OUT 5 UNUSED TA761DG6- 26
- CSB DATA OUT 3 UNUSED TA761DJ6- 30
- CSB DATA OUT 2 UNUSED TA761DL6- 34
- CSB DATA OUT 1 UNUSED TA761DN6- 38
- CSB DATA OUT 4 TA761EE6- 42
- CSB DATA OUT 5 TA761EG6- 46
- CSB DATA OUT 3 TA761EJ6- 50
- CSB DATA OUT 2 TA761EL6- 54
- CSB DATA OUT 1 TA761EN6- 58
- CSB DATA OUT 6 UNUSED TA761FC6- 62
- CSB DATA OUT 6 TA761GC6- 66
- STATE B TA811DM3- 70
- STATE D TA811DM9- 74

- PCF 0 ----- TA525FF2- 2-1
- PCF 1 ----- TA525FH2- 6-2
- PCF 2 ----- TA525FK2- 10-2
- PCF 3 ----- TA545FB2- 14-2
- + SET STATE 4 ----- TA821DF6- 18-1
- + SET STATE 6 ----- TA821DN6- 22-2
- + SET STATE 5 ----- TA821FH6- 26-2
- + SET STATE 9 ----- TA831AA2- 30-2
- + SET STATE C ----- TA831BB2- 34-2
- + SDLC ----- TA831BN2- 38-1
- GATE OUTPUT PCF ----- TA831DE6- 42-4
- GATE PCF DIRECT ----- TA831ED6- 46-4
- + SET STATE 7 ----- TA841GM6- 50-3
- CSB TIME ----- TA861AB2- 54-4
- + PCF 0 ----- TA861BB2- 58-1
- + TIE UP ----- TA861GM4- 62-1
- OUT REG BYTE 1 BIT 4 ----- TB041EC6- 66-1
- OUT REG BYTE 1 BIT 5 ----- TB041EE6- 70-1
- OUT REG BYTE 1 BIT 6 ----- TB041EG6- 74-1
- OUT REG BYTE 1 BIT 7 ----- TB041EJ6- 78-1
- + DISABLE DR SEL LIB RESET ----- TB141DC2- 82-4

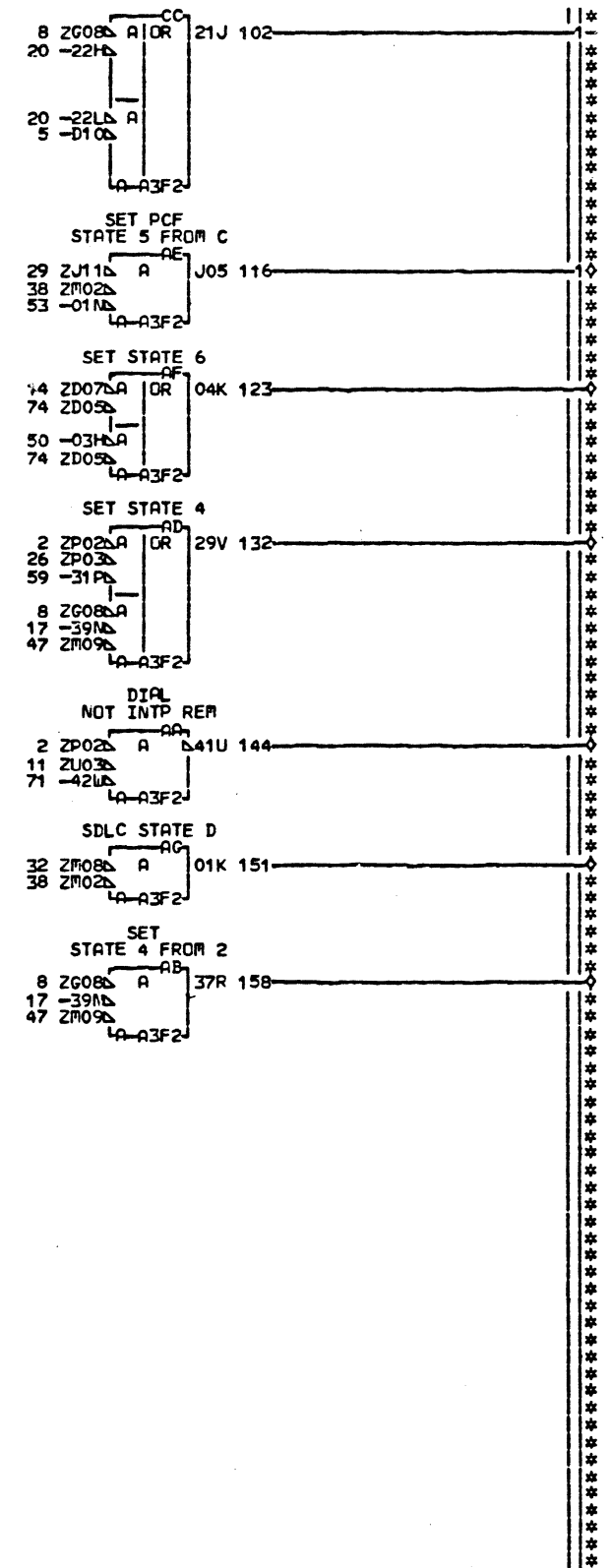


- 104 + SET STATE 4 5 6 7 OR C- TA831-BE6
- 164 - STATE 7 ----- DK0
LTA121 LTA261 LTA821 LTA831
- 152 - SET MODE ----- DK4
LTA311 LTA361 LTA761 LTA861
- 154 - STATE 2 ----- TA821-DK5
- 156 - STATE 3 ----- TA821-DK6
- 158 - STATE 4 ----- DK7
LTA831 LTA861
- 160 - STATE 5 ----- DK8
LTA831 LTA861
- 162 - STATE 6 ----- TA841-DK9
- 145 - DISABLE ----- DM0
LTA361 LTA821
- 131 - STATE B ----- DM3
LTA311 LTA771 LTA821 LTA831
- 133 - STATE 9 ----- TA121-DM4
- 135 - STATE A ----- DM5
LTA311 LTA761
- 137 - STATE B ----- DM6
LTA831 LTB061
- 139 - STATE C ----- DM7
LTA361 LTA761 LTA821 LTA841
LTA851
- 141 - STATE D ----- DM8
LTA211 LTA761 LTA771 LTA821
LTA841
- 317 + NEW PCF 3 ----- FB2
LTA545 LTA571
- 324 + NEW PCF 2 ----- FD2
LTA525 LTA535
- 303 + NEW PCF 1 ----- FF2
LTA525 LTA535
- 310 + NEW PCF 0 ----- FH2
LTA525 LTA535
- 250 - STATE C AND NOT SDLC ----- TA211-FJ6

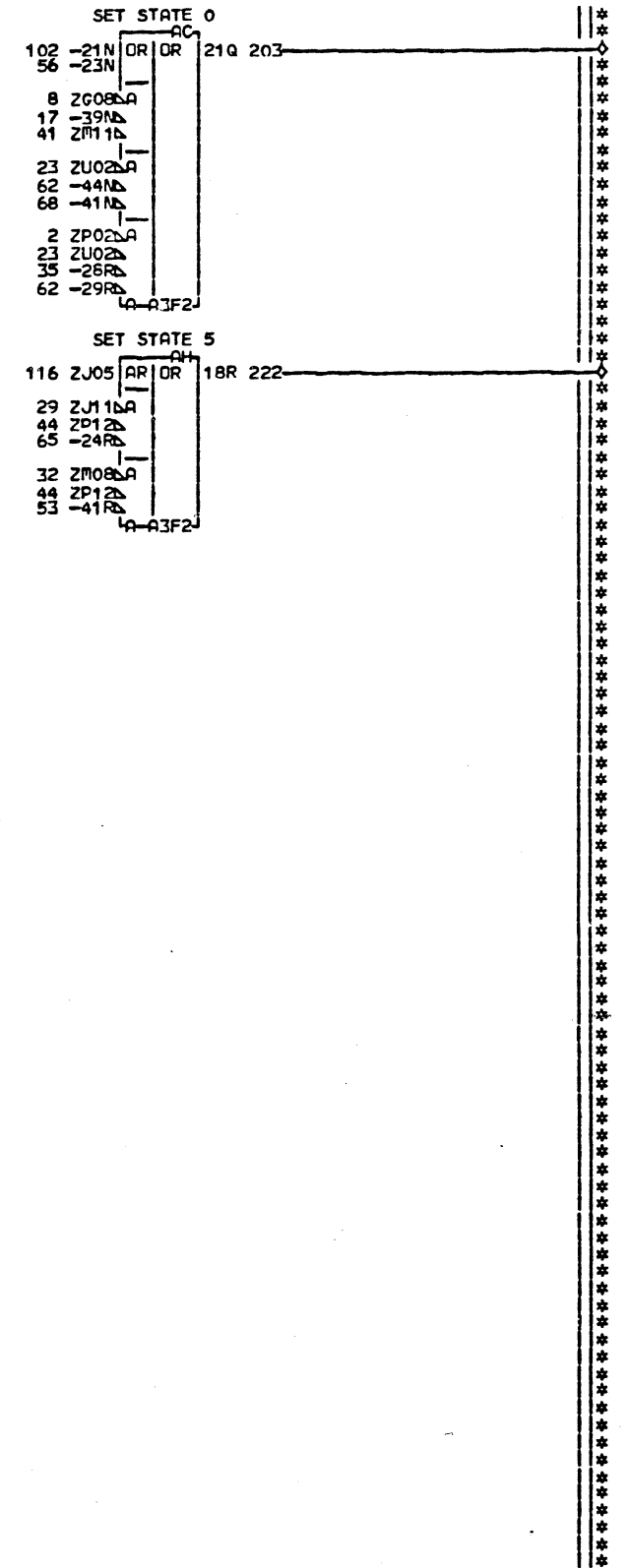
LOC. TYPE
A-A3F2 7618

NEW PCF PCF DECODE		E-MACH.3705	
-E.C.-HISTORY-		FRAME	01
DATE	LAST EC	IBM CORP.SDD	TAB11
11-25-80	344401	P.N. 8550307	000

- DIAL - TA111EM6 - 2-21
 - B2 RING IND/PND - TA331CF6 - 5-1
 - B3 DATA SET RDY/DLO - TA331EG2 - 8-31
 - GATED BIT SERVICE - TA331EL6 - 11-1
 - STATE 7 - TA811DK0 - 14-1
 - STATE 2 - TA811DK5 - 17-21
 - STATE 3 - TA811DK6 - 20-2
 - DISABLE - TA811DM0 - 23-2
 - STATE 8 - TA811DM3 - 26-1
 - STATE C - TA811DM7 - 29-1
 - STATE D - TA811DM8 - 32-1
 + B DATA 1 OR 2 OR 6 - TA831BG6 - 35-1
 - SDLC - TA831BN6 - 38-2
 - SS - TA831CK6 - 41-1
 - BSC - TA831CL6 - 44-2
 - BSC OR SDLC - TA831EN2 - 47-2
 - STATE 4 OR 5 GATED - TA841AA2 - 50-1
 - TAG - TA851BJ6 - 53-1
 + SET MODE - TA861AE2 - 56-1
 + B2 RING IND/PND - TA861CB2 - 59-1
 + B3 DATA SET RDY/DLO - TA861DB2 - 62-2
 + B1 CLR TO SEND/ACR - TA861EB2 - 65-1
 + B4 REC CARRIER DETECT/PWI - TA861EH2 - 68-1
 + SDF 0 - TA861FE2 - 71-1
 - SDLC FRAME DETECT - TB011CA6 - 74-2



LDC, TYPE
A-A3F2 7618

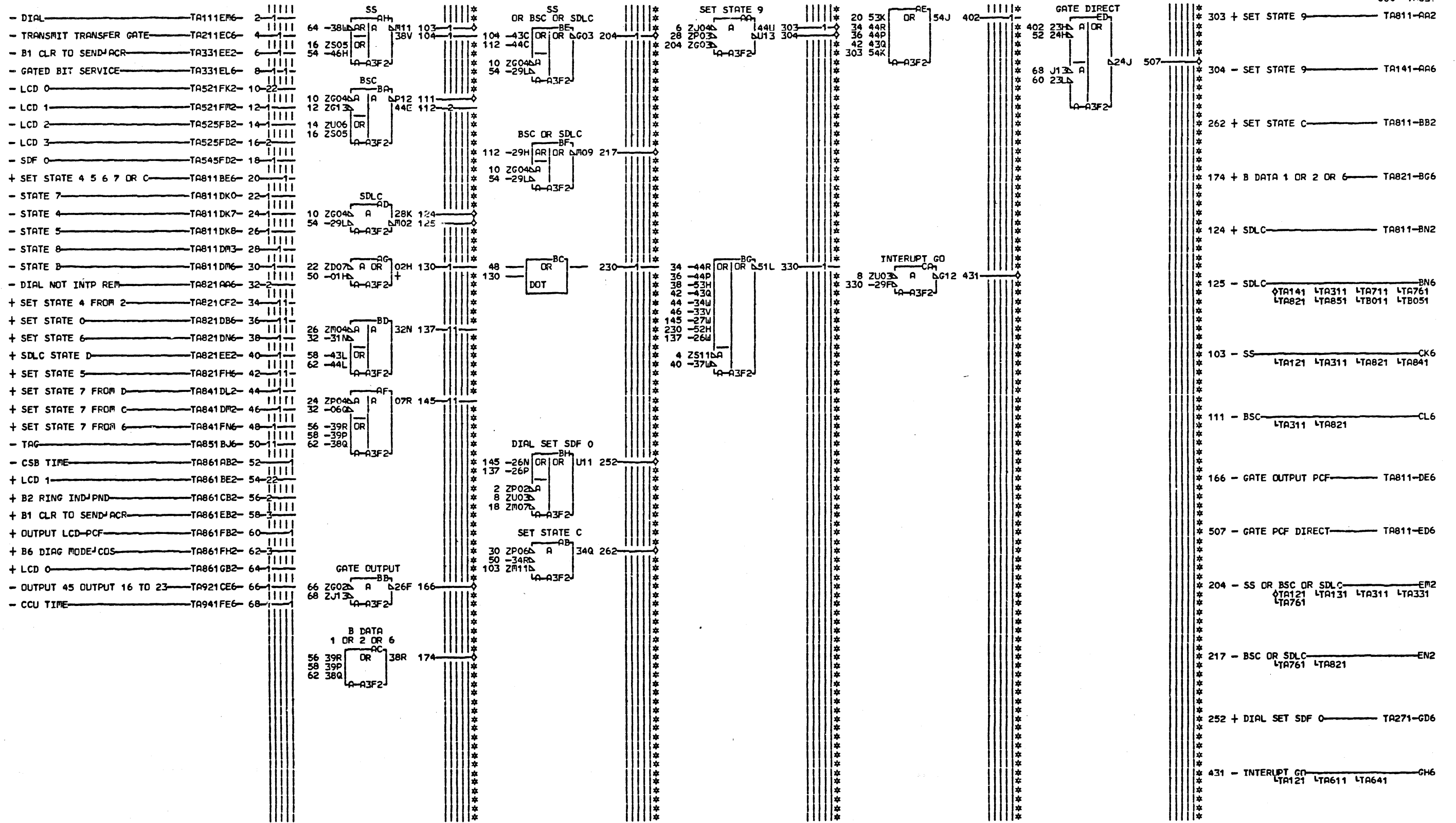


000 TAB21

144 - DIAL NOT INTP REA - TA831-AA6
 158 + SET STATE 4 FROM 2 - TA831-CF2
 203 + SET STATE 0 - TA831-DB6
 132 + SET STATE 4 - TA811-DF6
 116 + SET PCF STATE 5 FROM C - DJ2
 LTBO11 LTBO21
 123 + SET STATE 6 - DN6
 LTAB11 LTAB31
 151 + SDLC STATE D - TA831-EE2
 222 + SET STATE 5 - FH6
 LTAB11 LTAB31

TAB21
000

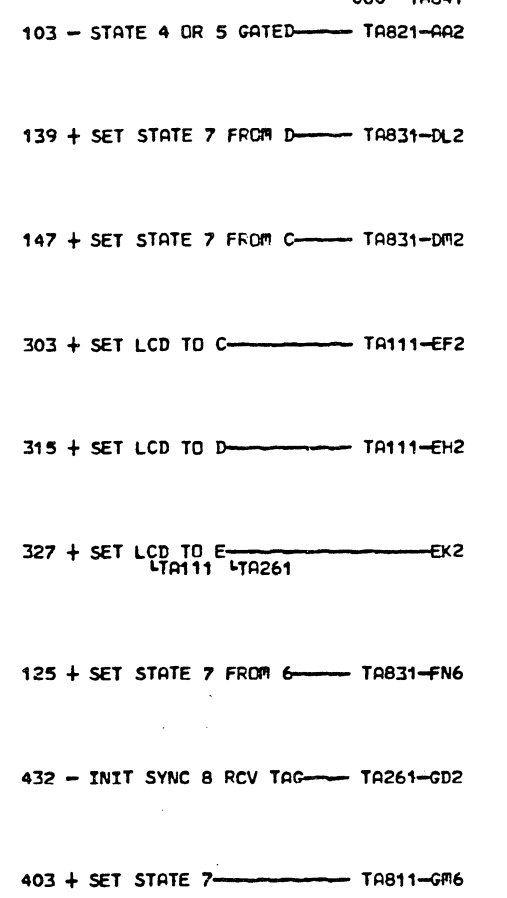
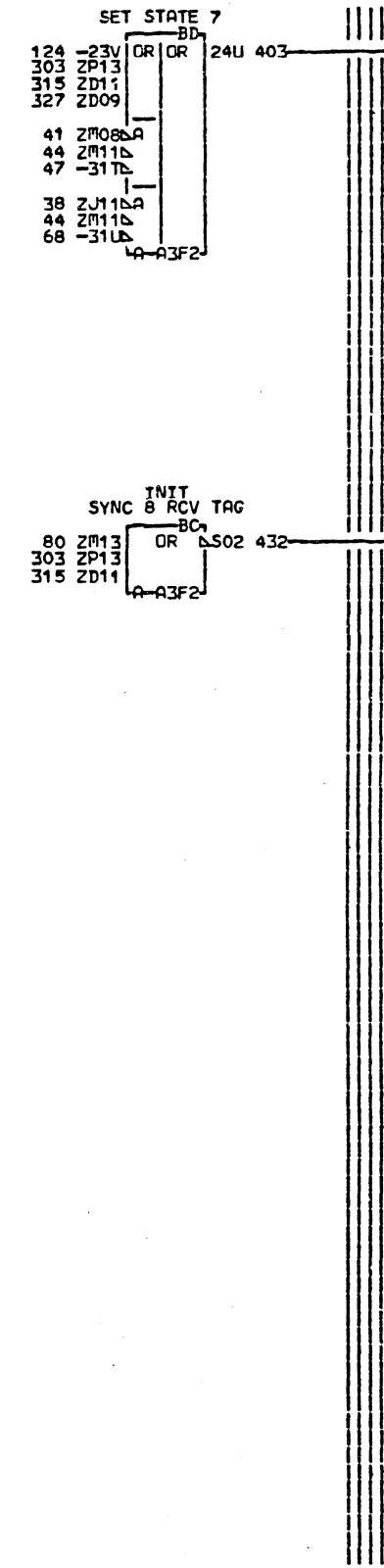
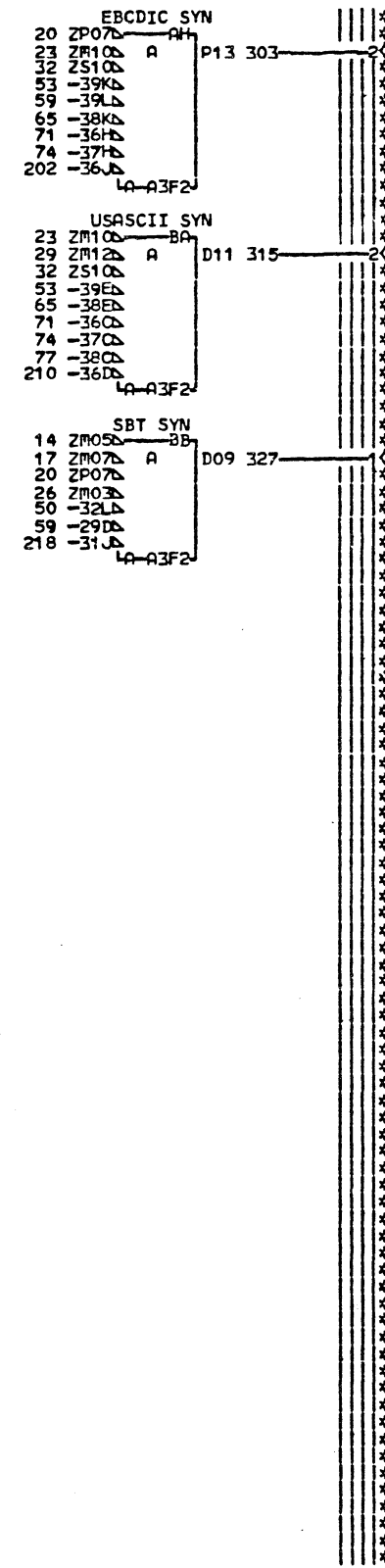
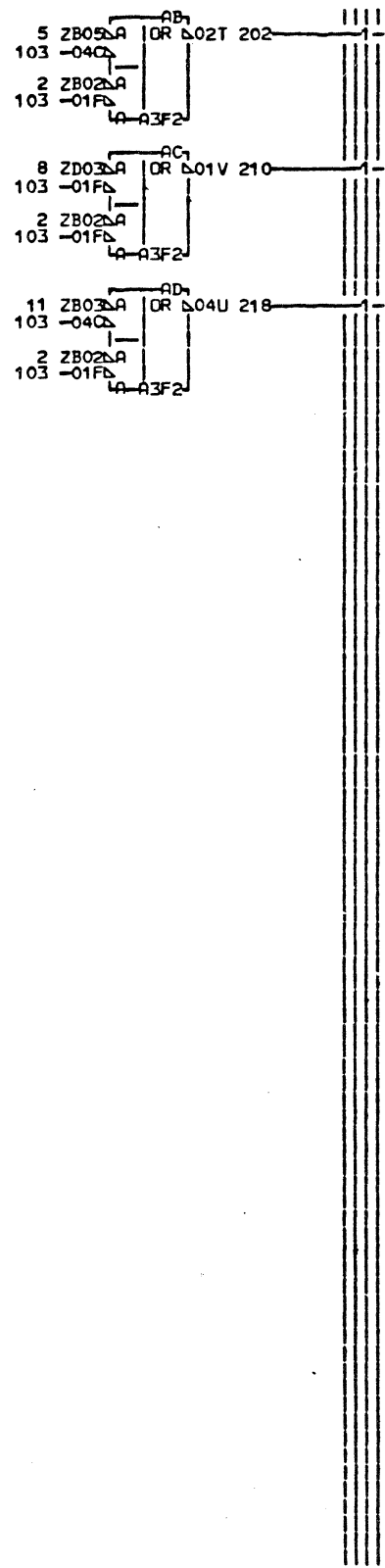
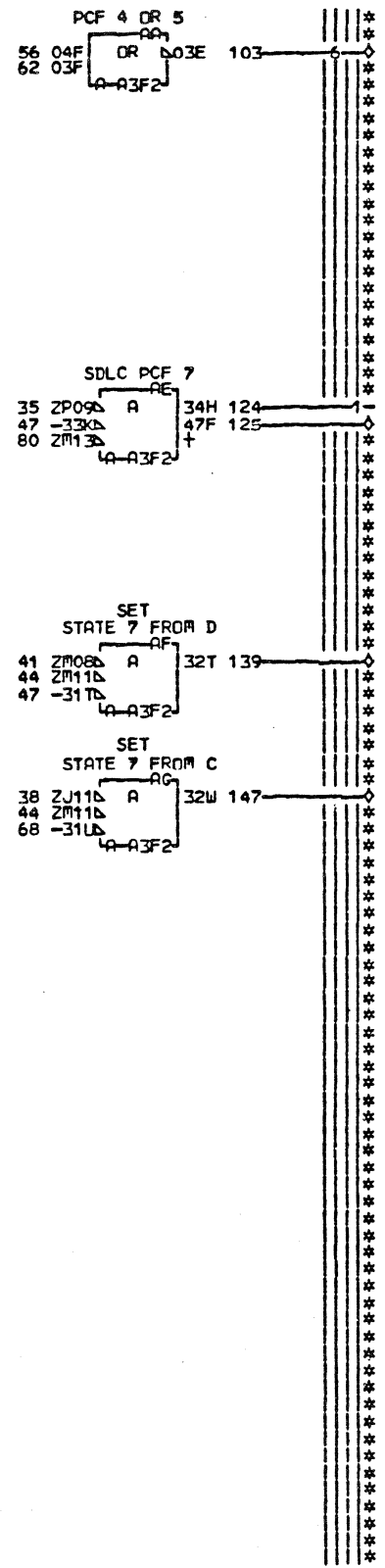
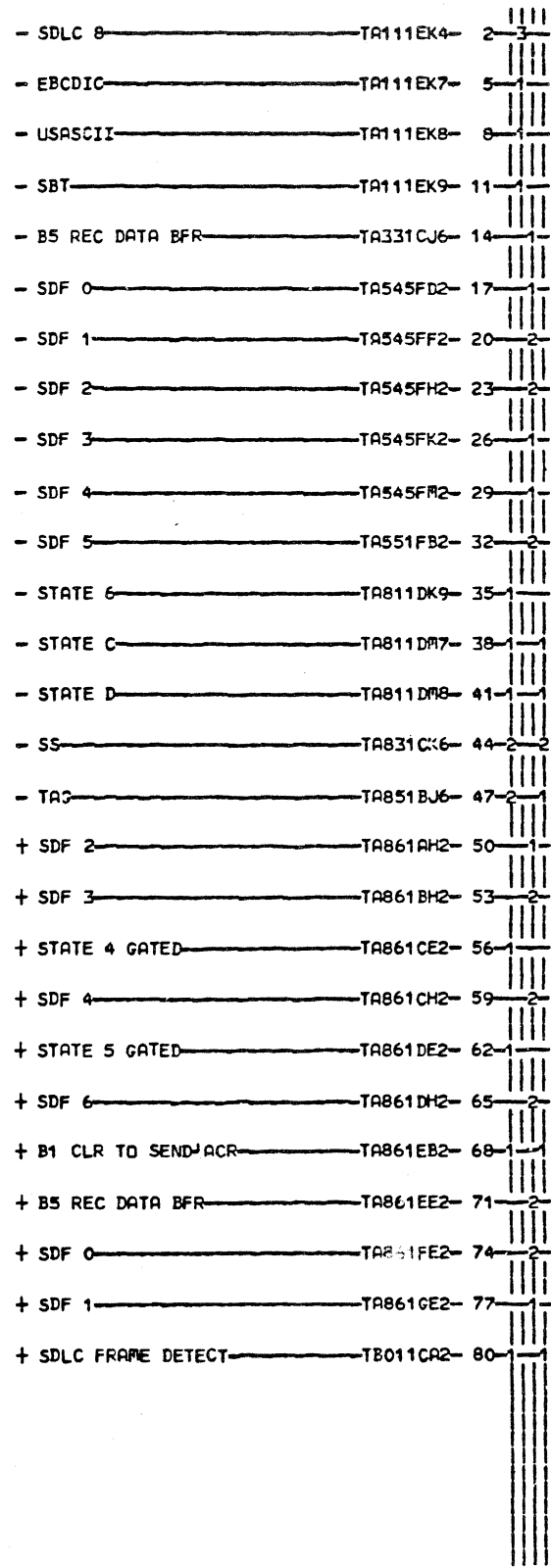
SET PCF STATES 0-4-5-6	
E.C.-HISTORY	E.MACH.3705
	FRAME 01
DATE LAST EC	IBM CORP.SDD TAB21
11-25-80 344401	P.N. 8550308 000



LDC. TYPE
A-A3F2 7618

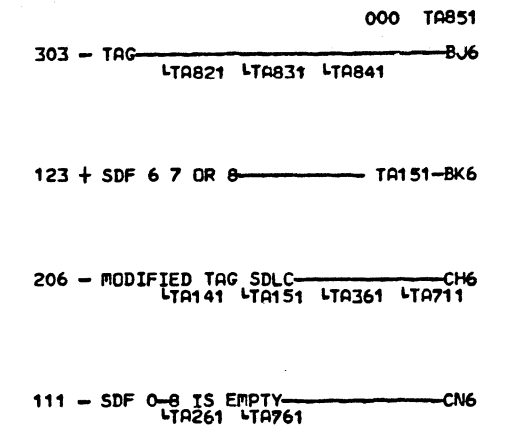
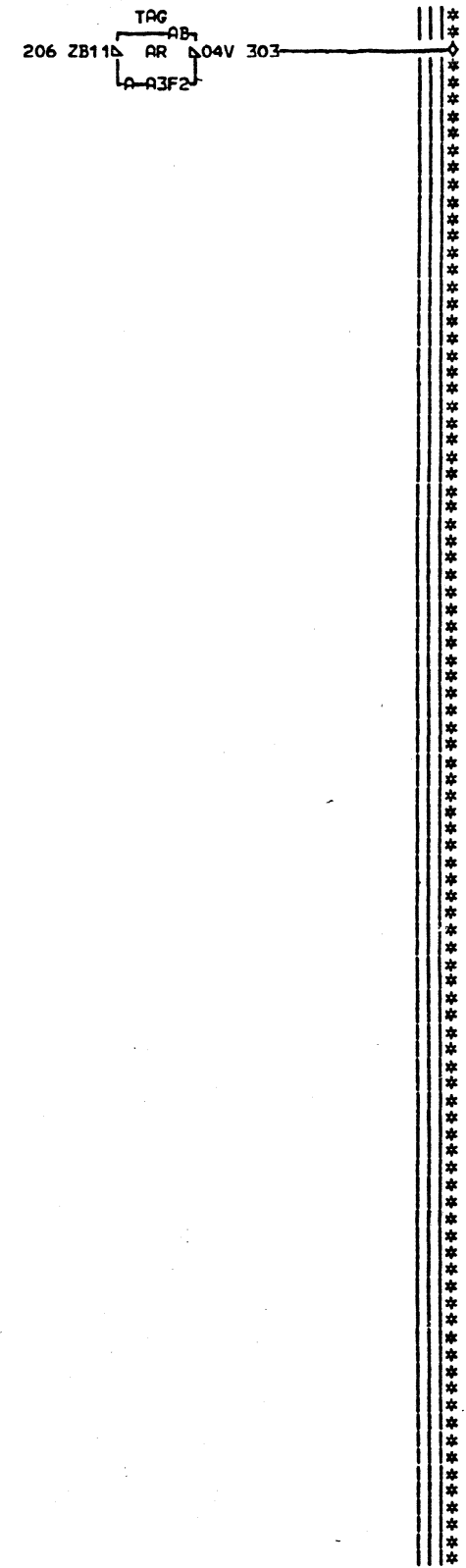
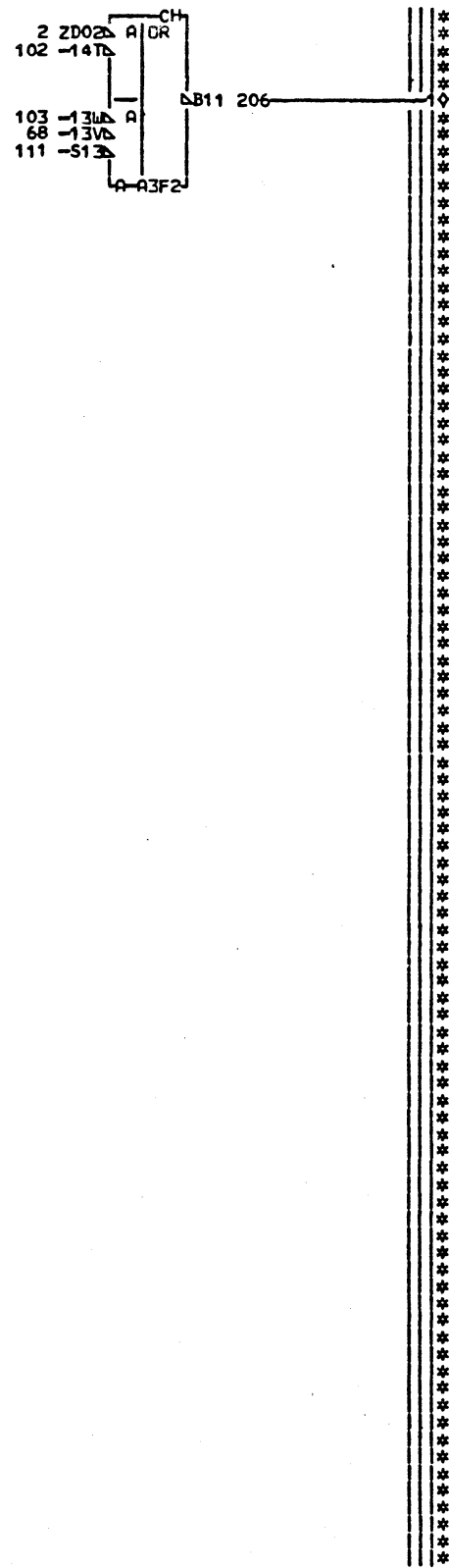
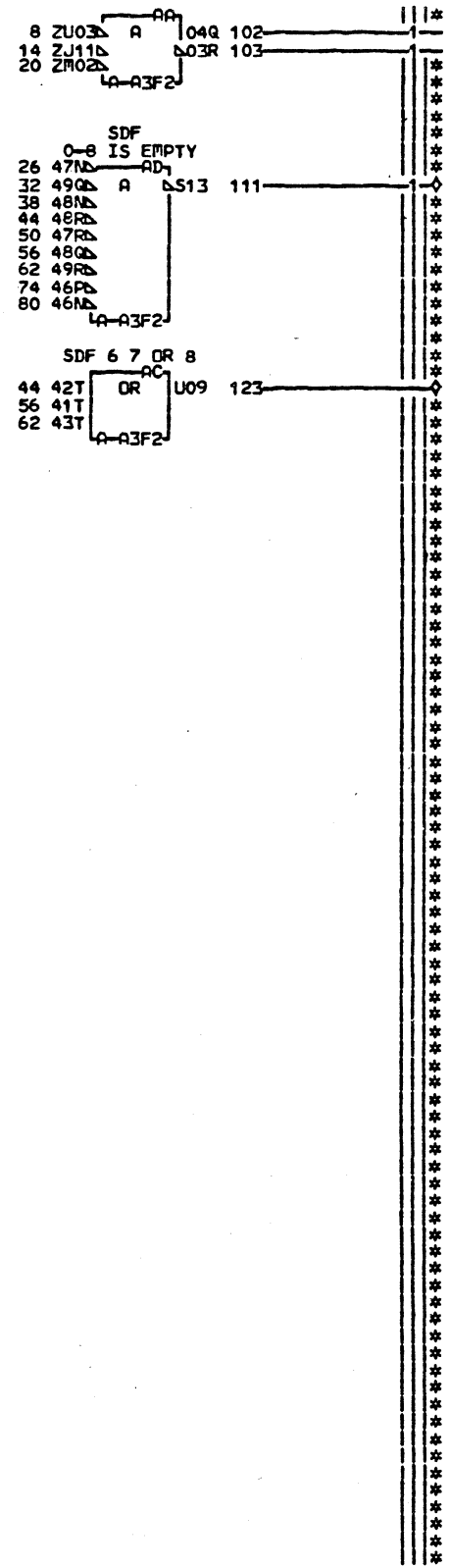
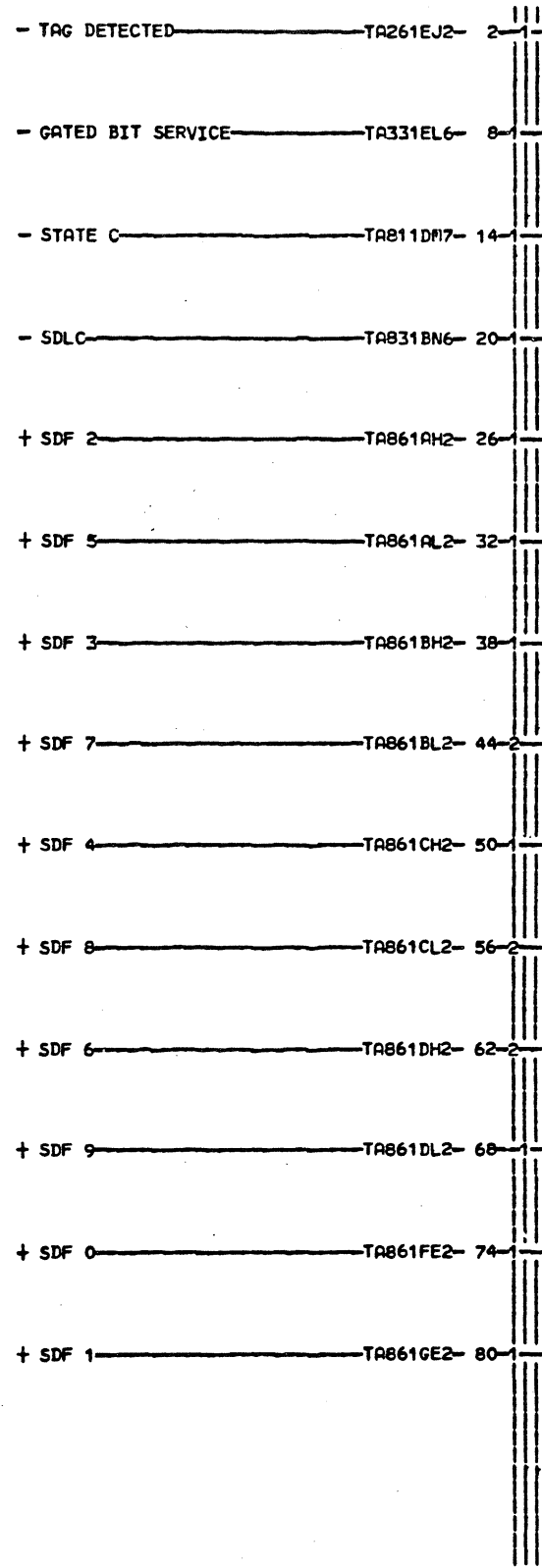
TAB31
000

SET PCF STATES 9 AND C PCF GATING	
E.C. HISTORY	E. MACH. 3705
FRAME	01
IBM CORP. SDD	TAB31
DATE LAST EC	11-25-80 344401
P.N.	8550309 000



LOC. TYPE
A-A3F2 7618

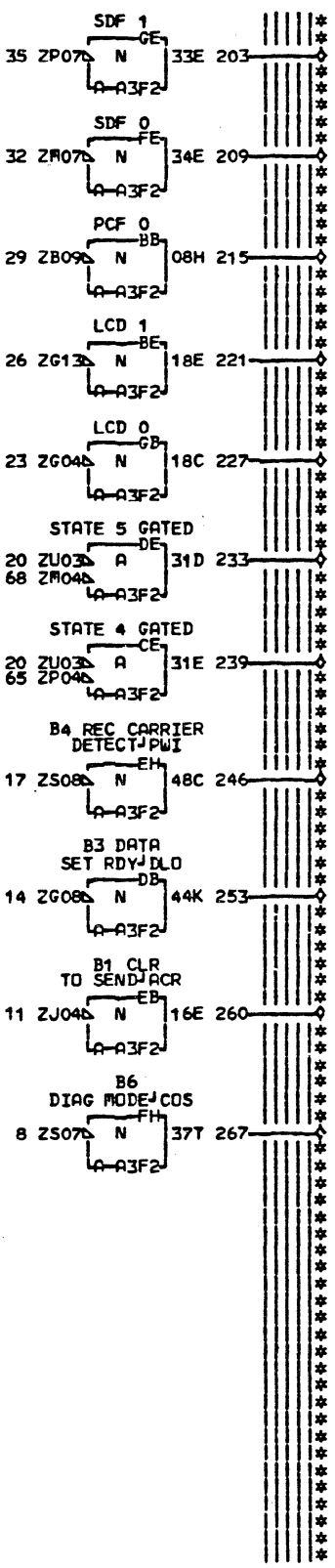
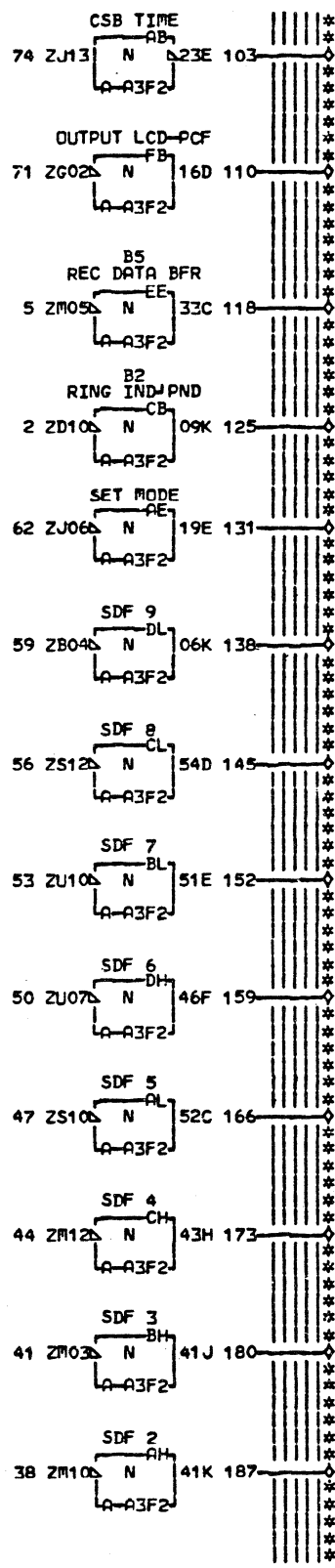
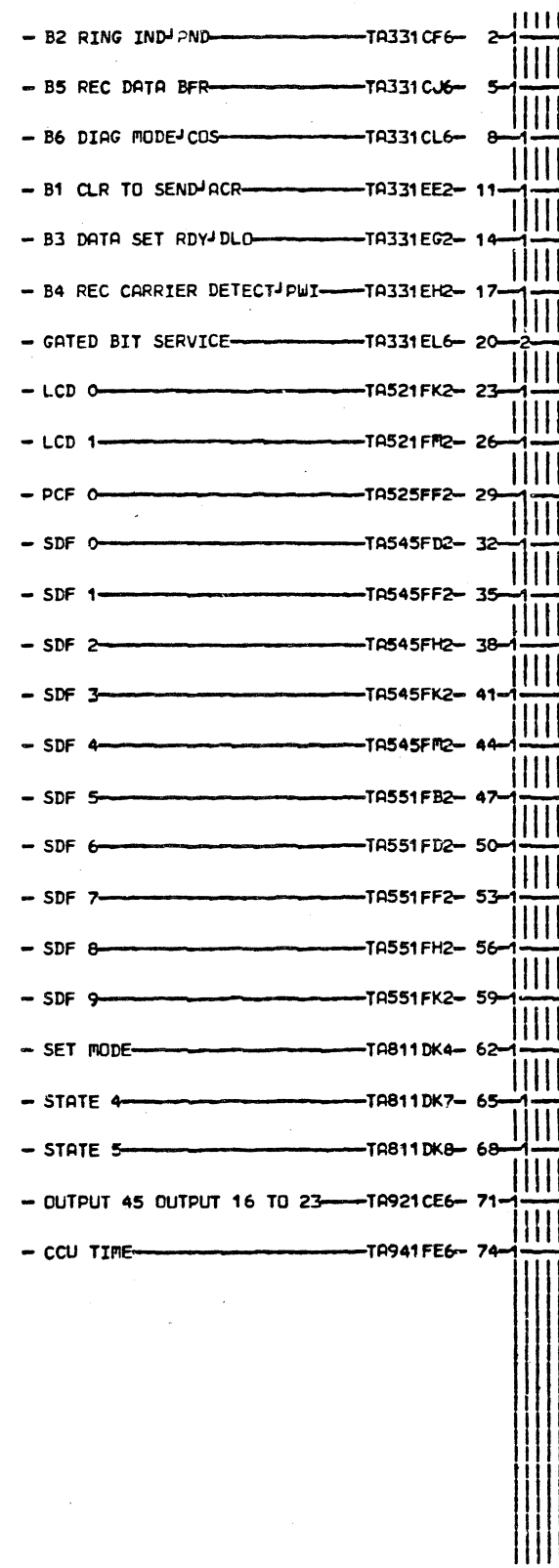
LINE CONTROL DISCRIMINATOR AND SET STATE 7	
E.C.-HISTORY	E-MACH. 3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP. SDD
	P.N. 8550310



LOC. TYPE
A-A3F2 7618

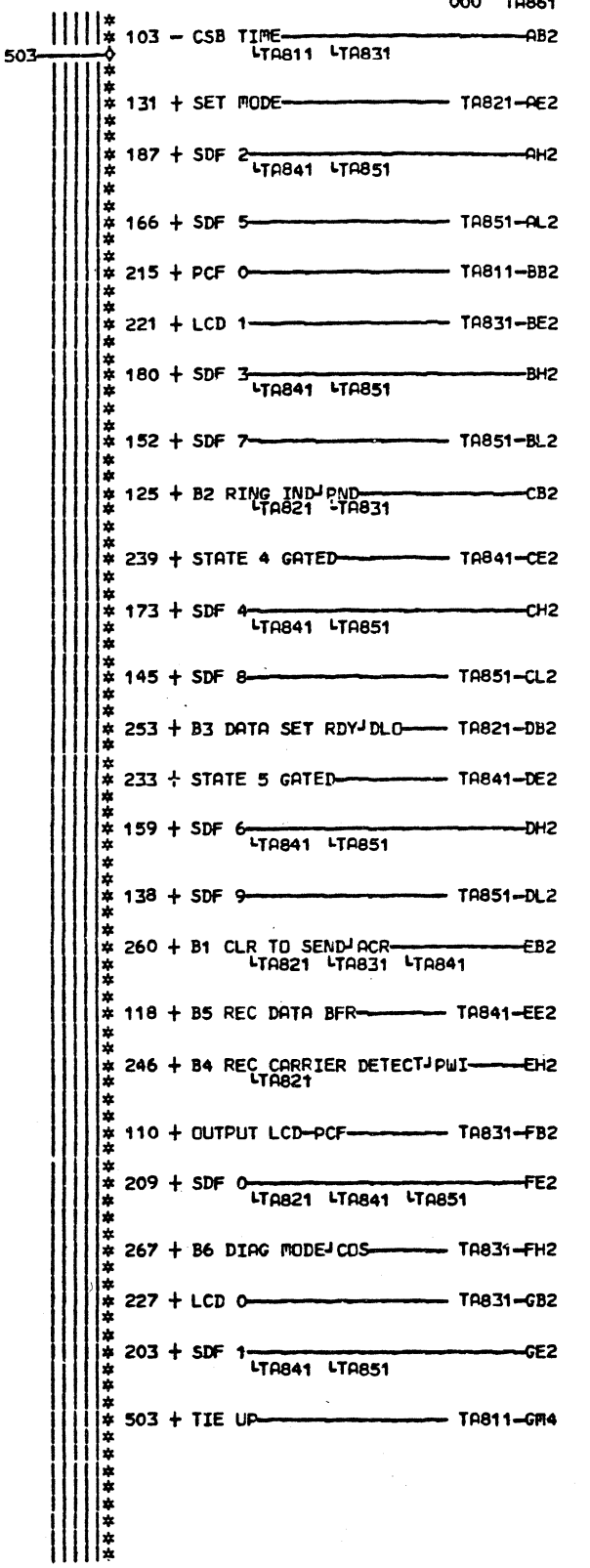
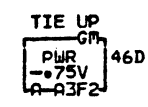
TA851
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ENTRY PAGE			
E.C. HISTORY		E. PACH. 3705	
		FRAME	01
		IBM CORP. SDD	TA851
DATE	LAST EC	P.No.	8550311 000
11-25-80	344401		



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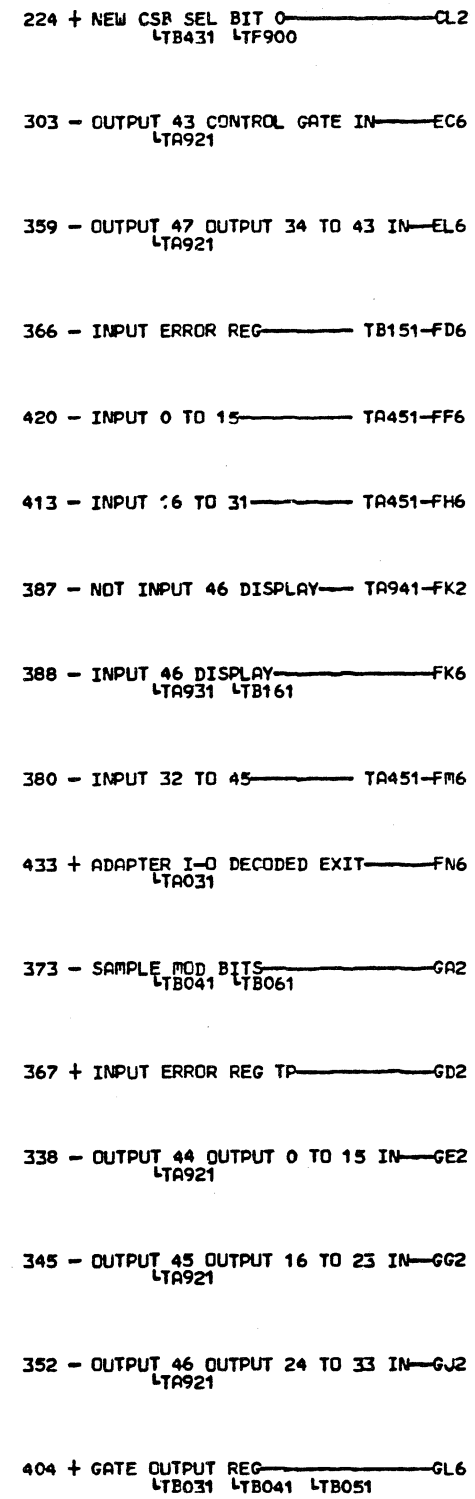
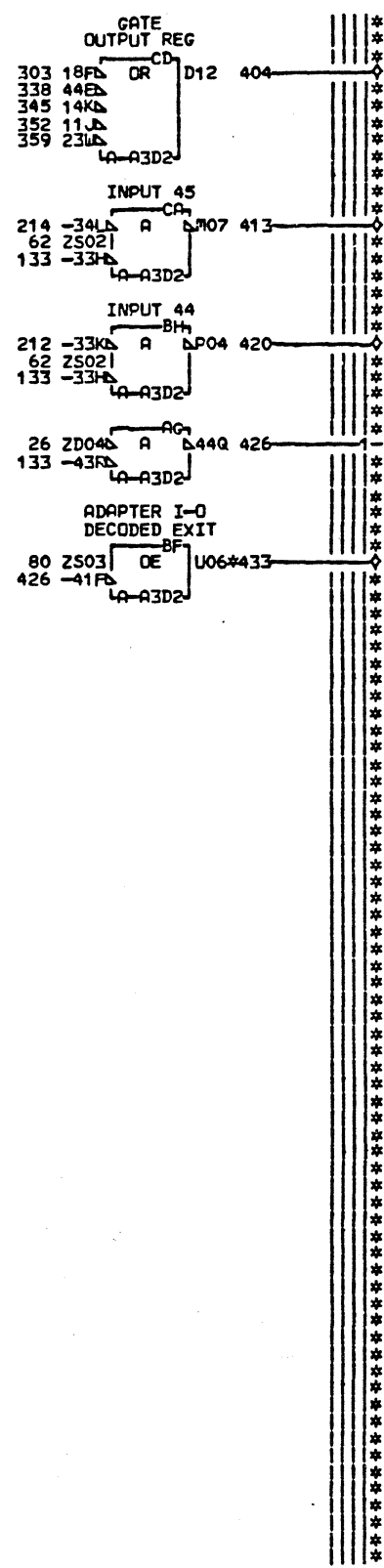
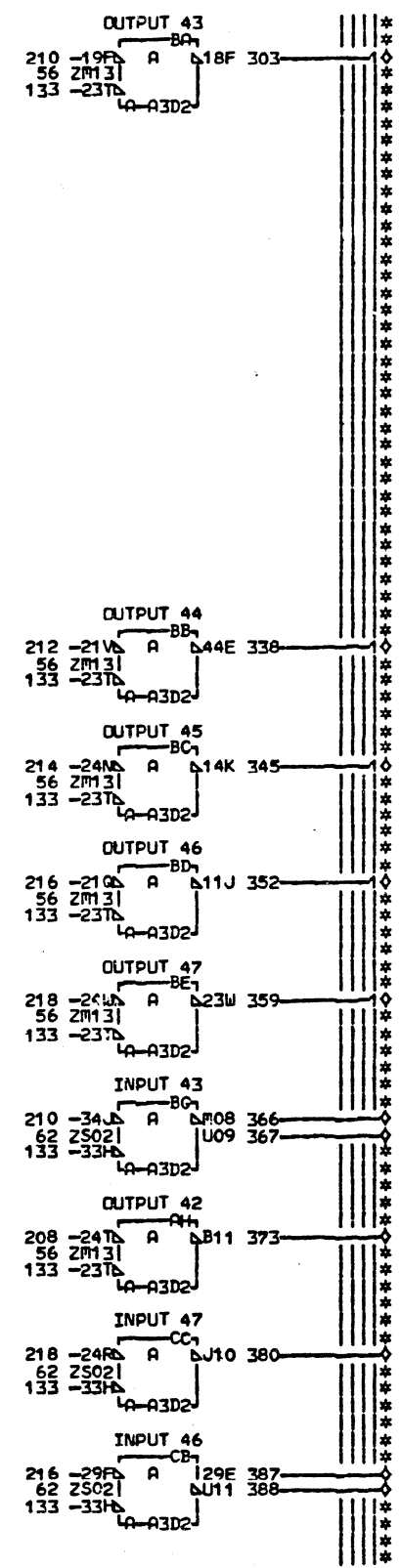
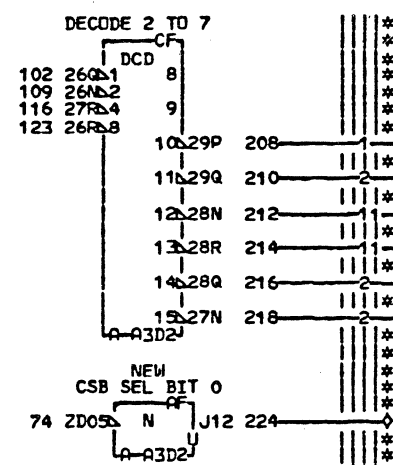
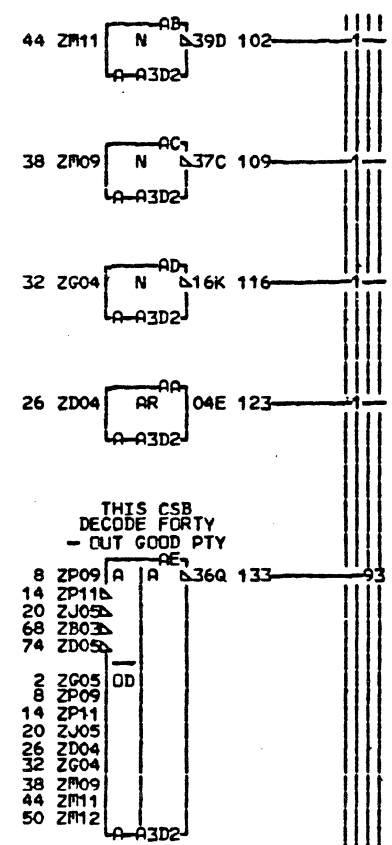
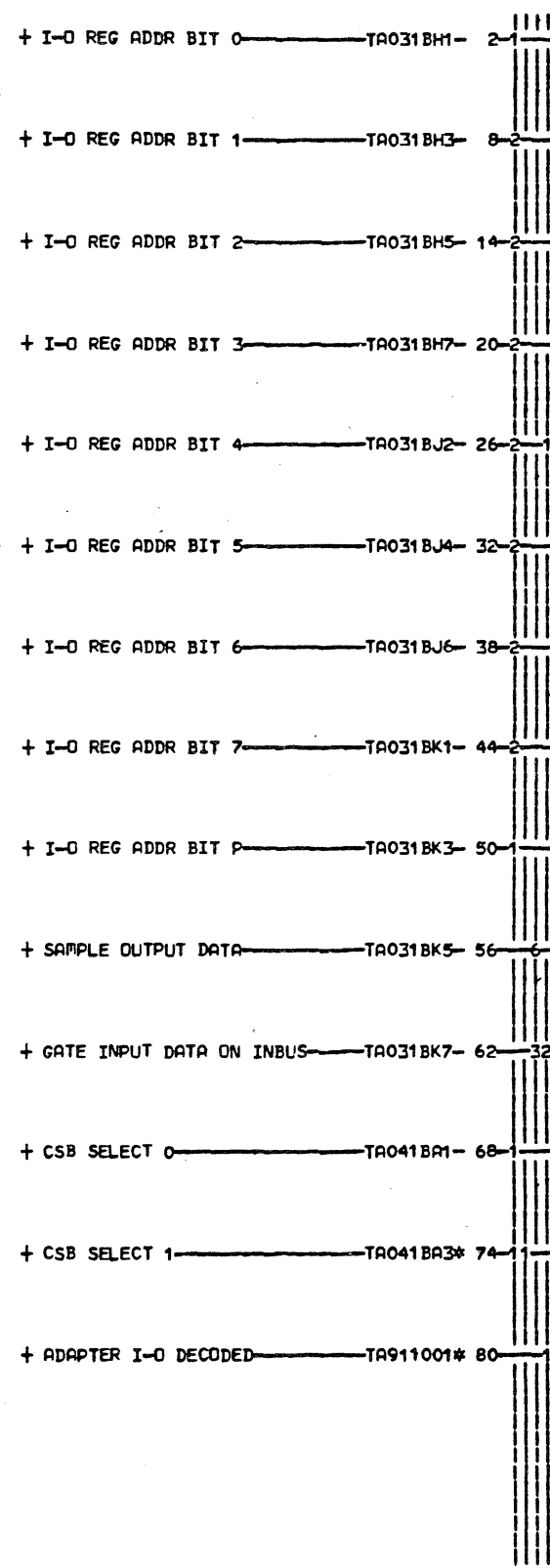


000 TAB61

TAB61
000

LDC. TYPE
A-A3F2 7618

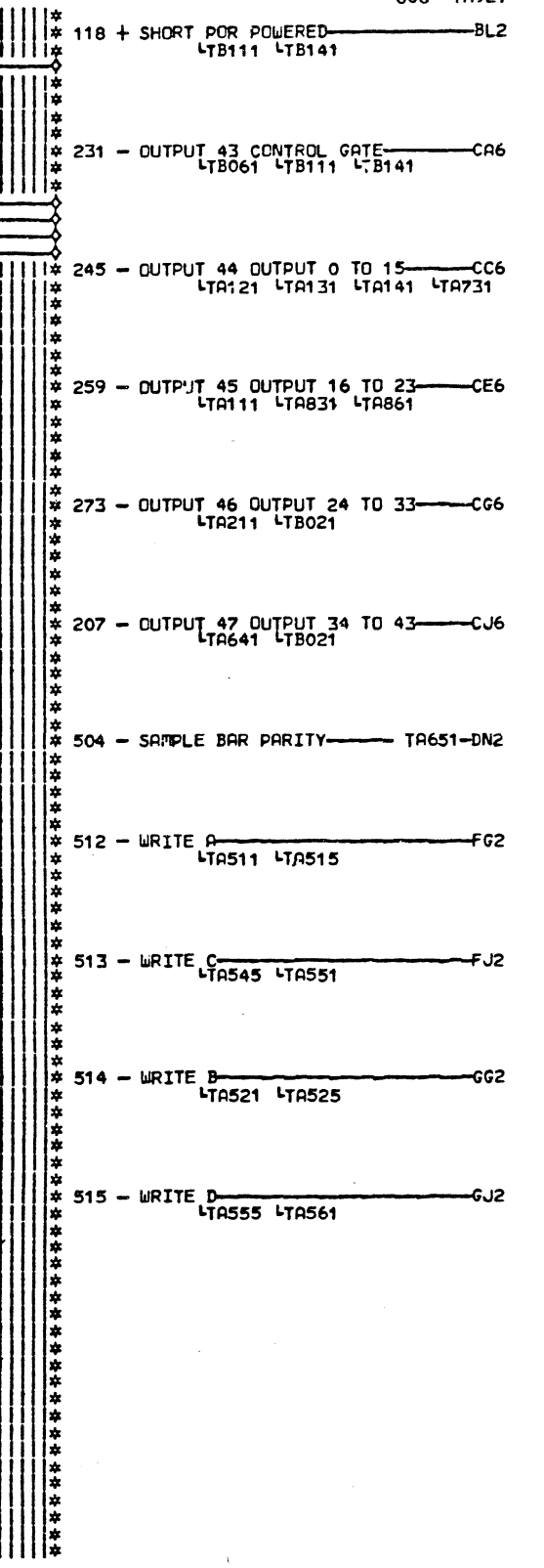
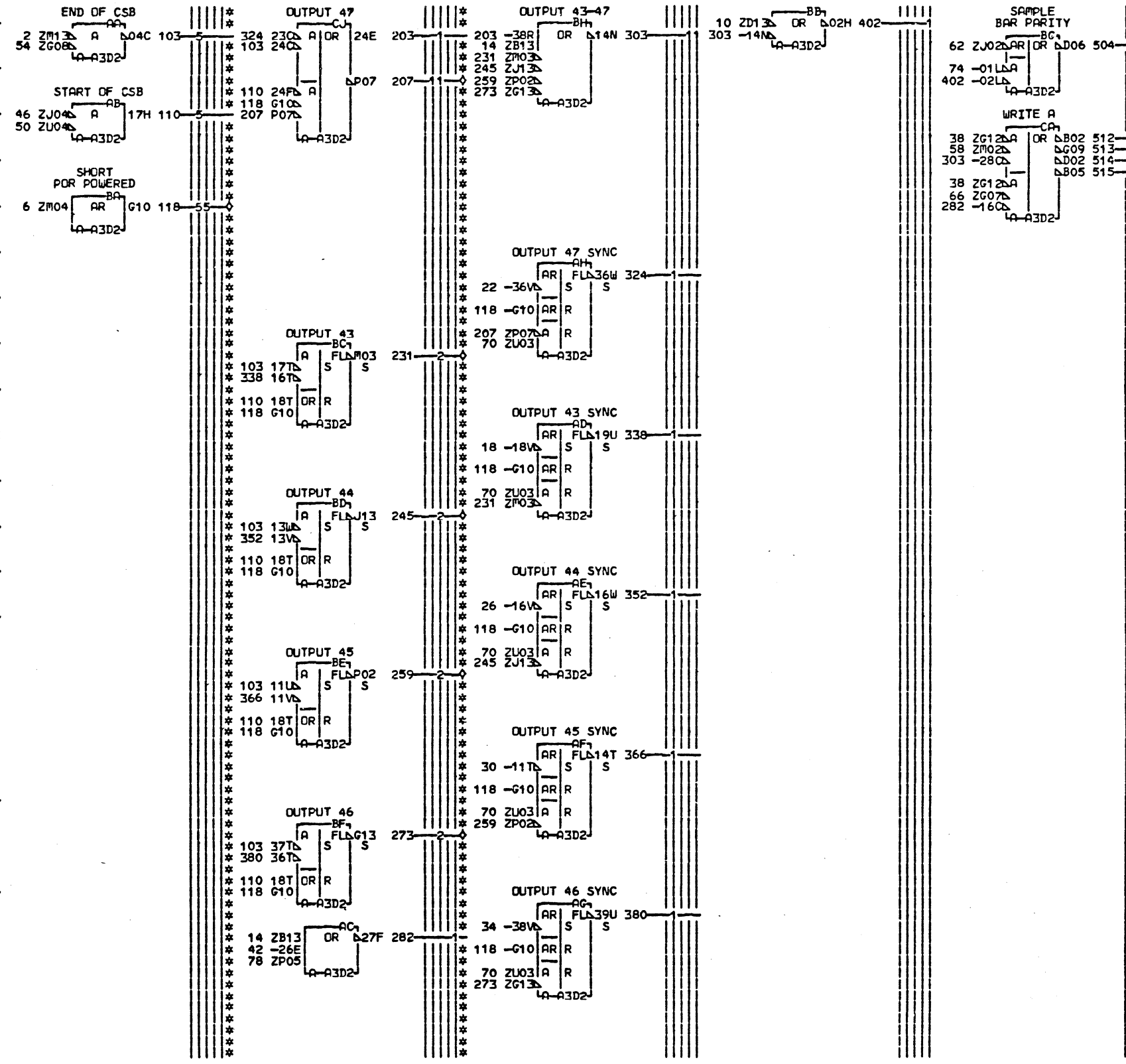
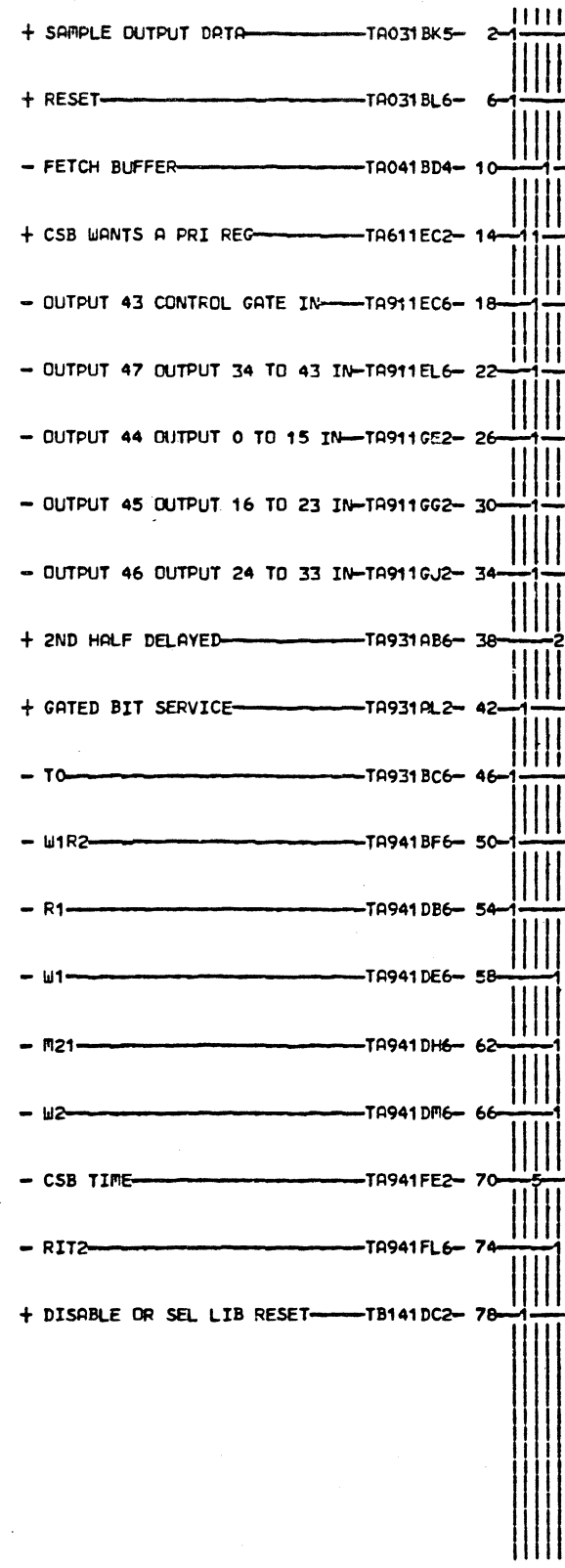
INVERSION PAGE			
E.C.	HISTORY	E.	MACH. 3705
		FRAME	01
DATE	LAST EC	IBM CORP. SDD	TAB61
11-25-80	344401	P.N.	8550312 000



EDGE CONN.
74 RESISTOR
A-A3D2D05
80 A-A3U6C02
433 A-A3V5D09

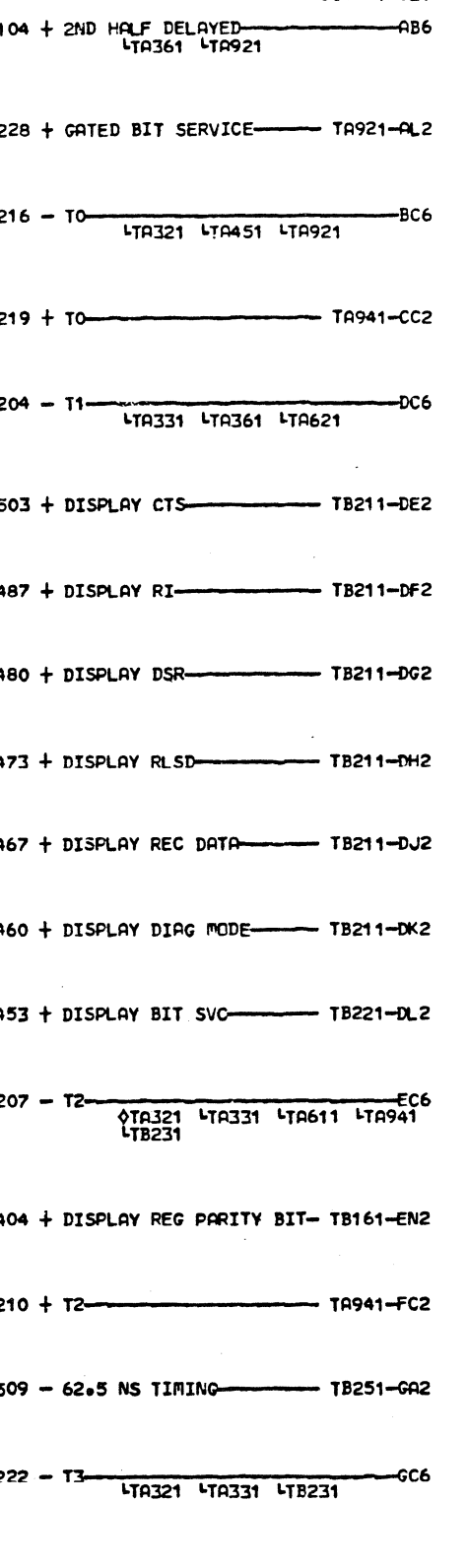
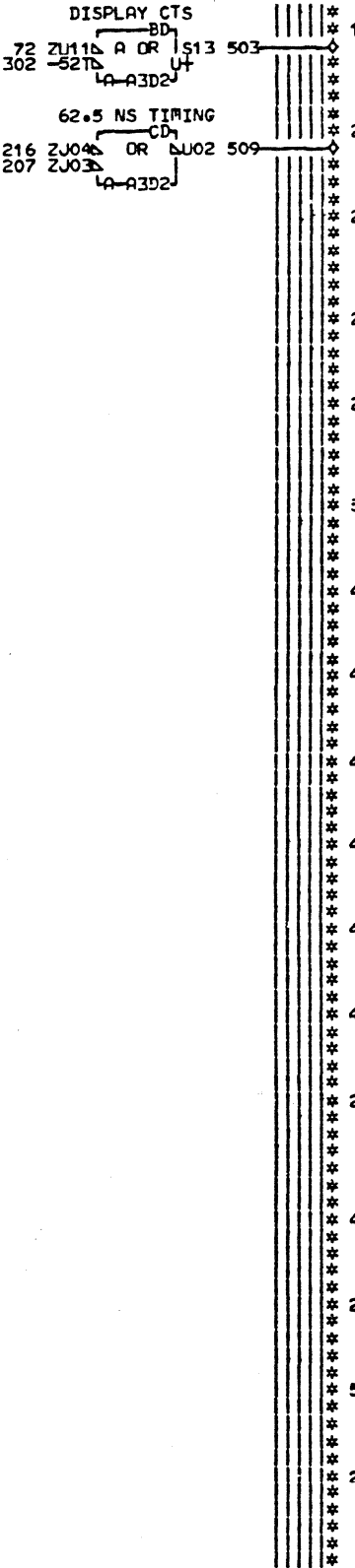
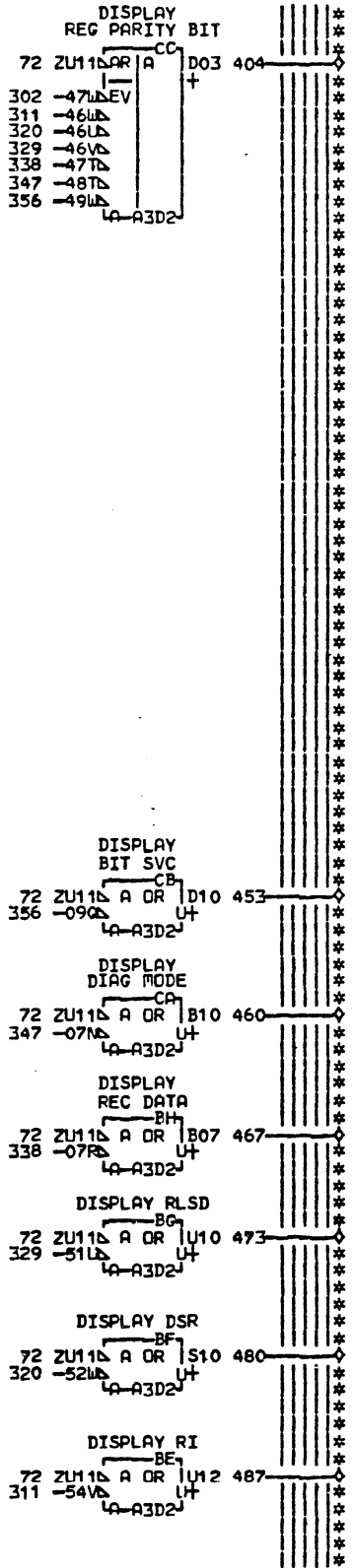
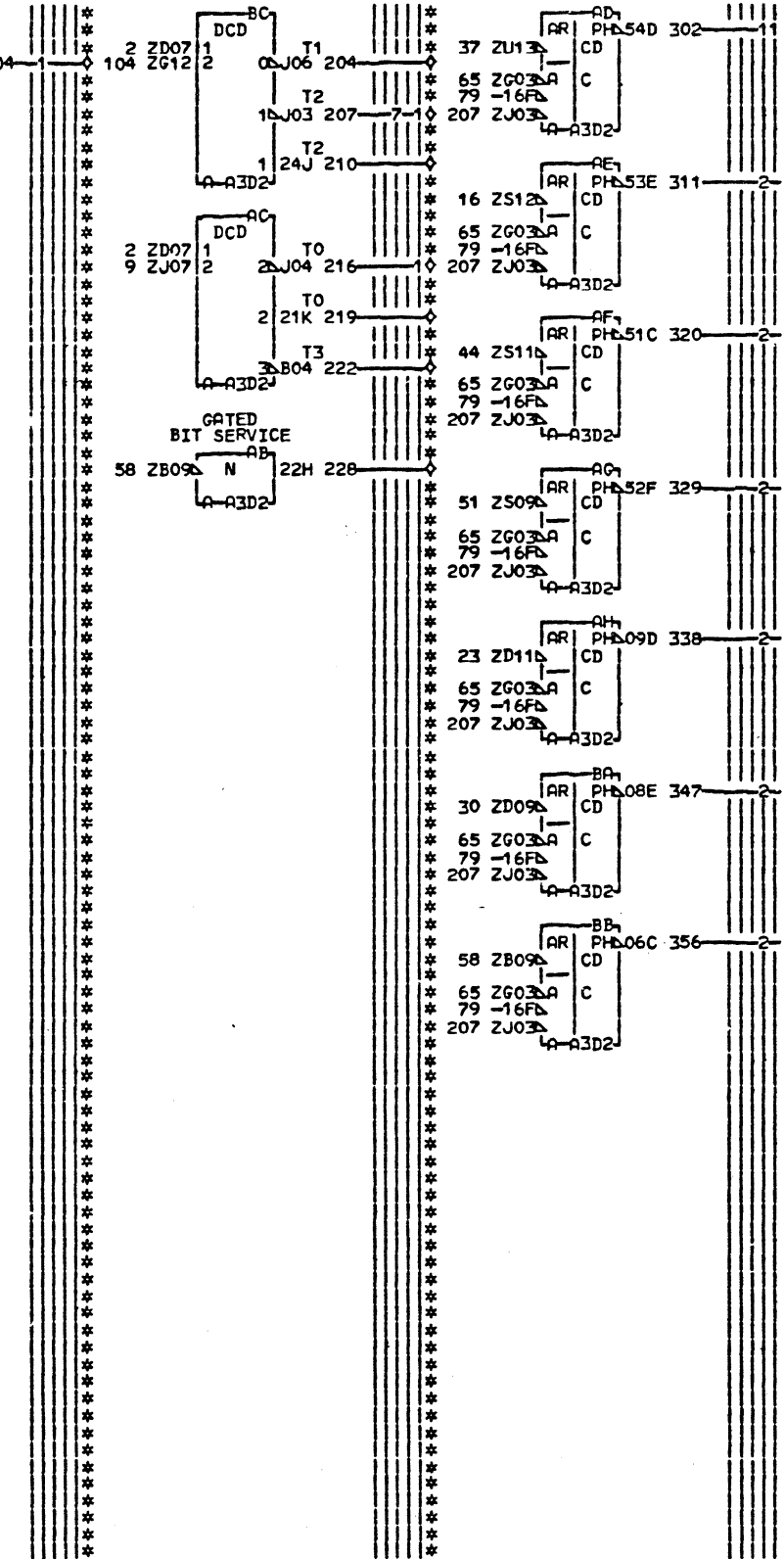
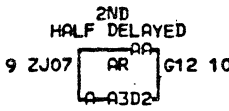
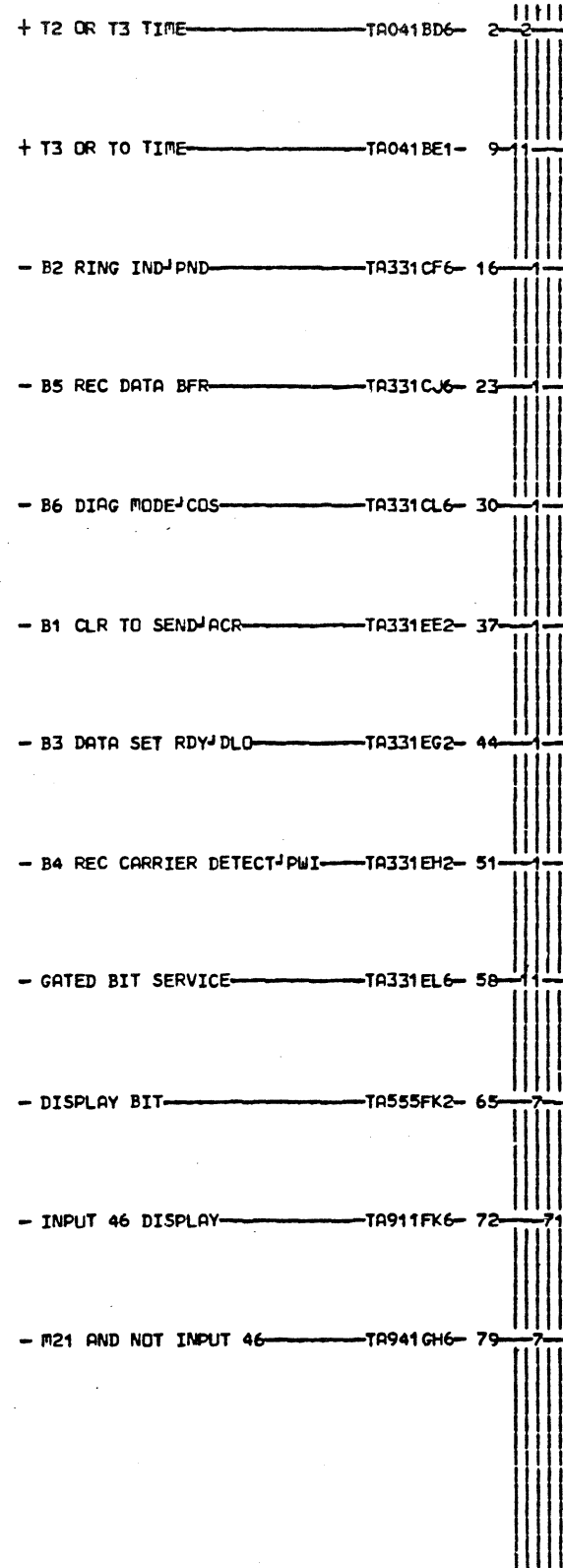
LOC. TYPE
A-A3D2 7619

INPUT OUTPUT DECODE	
E.C.-HISTORY	E-MACH.3705
FRAME	01
DATE	LAST EC
11-25-80	344401
IBM CORP.SDD	TA911
P.N. 8550313	000



LDC. TYPE
A-A3D2 7619

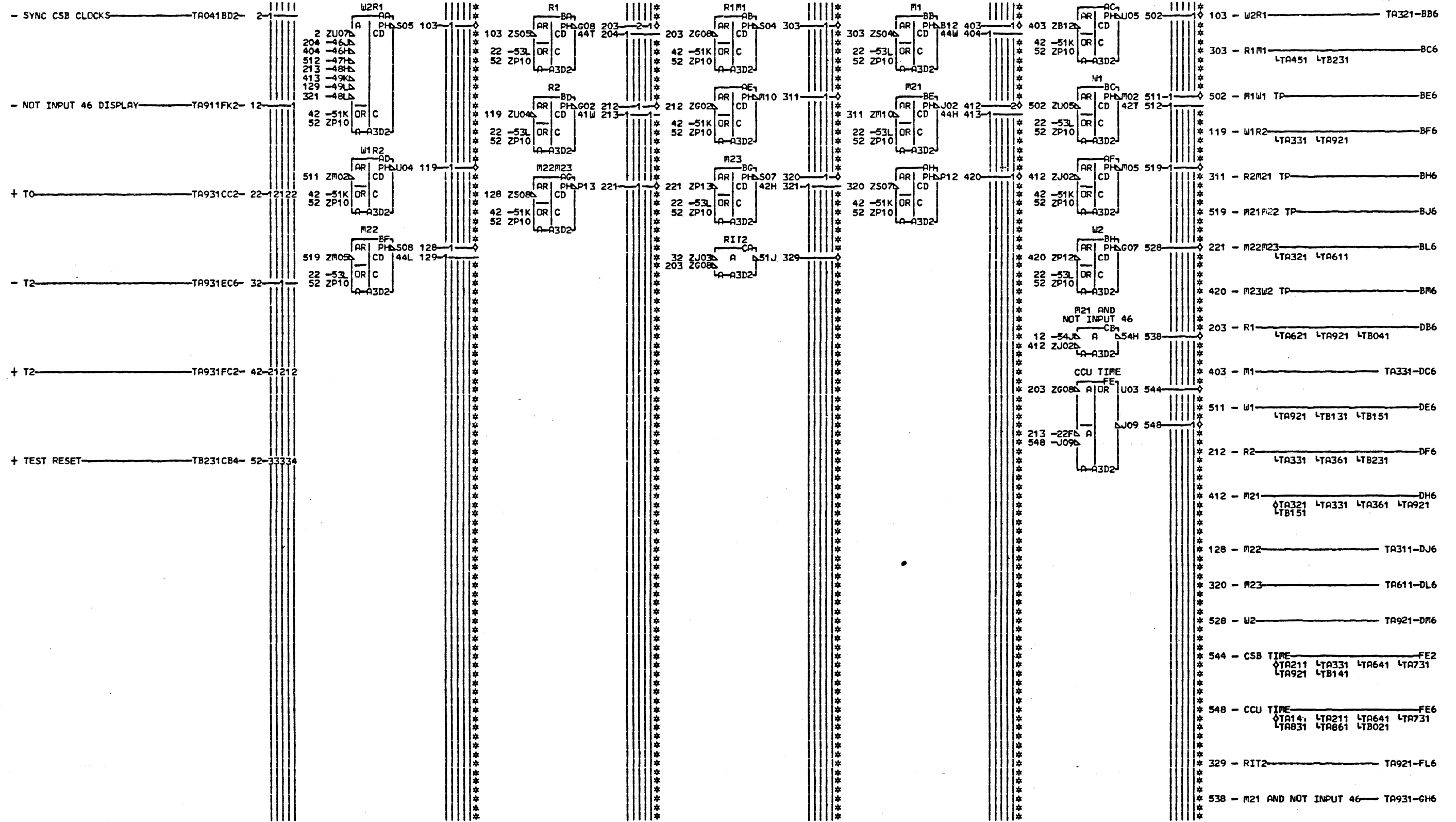
IW OUTPUT REMEMBER LATCHES			
E.C.	HISTORY	E.MACH.	3705
		FRAME	01
		IBM CORP.	SDD TA921
DATE	LAST EC	P.N.	8550314 000
11-25-80	344401		



LOC. TYPE
A-A3D2 7619

TA931
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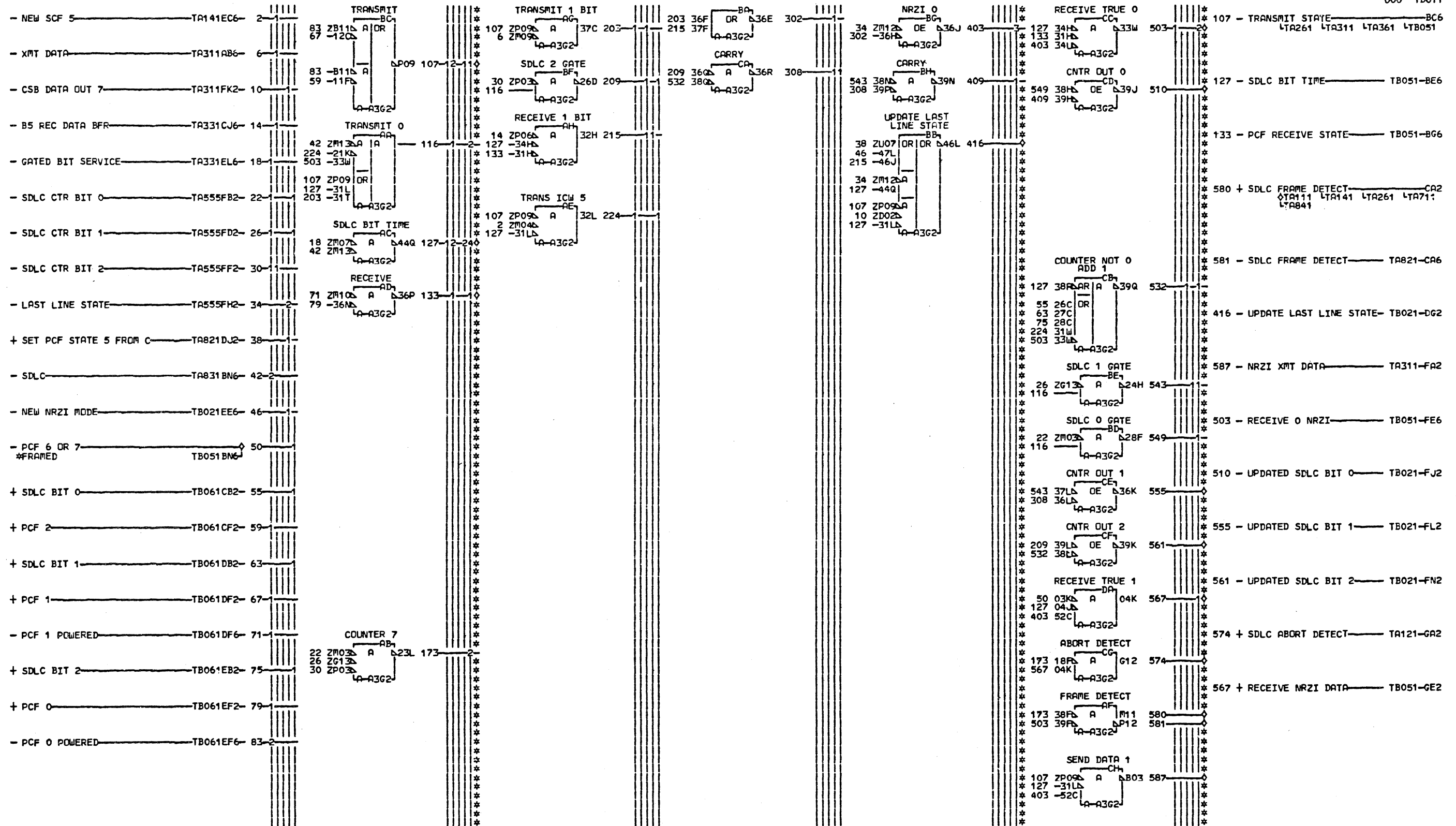
DISPLAY REG			
E.C. HISTORY		MACH. 3705	
		FRAME	01
DATE	LAST EC	IBM CORP.SDD	TA931
11-25-80	344401	P.N. 8550315	000



LOC. TYPE
A-A3D2 7619

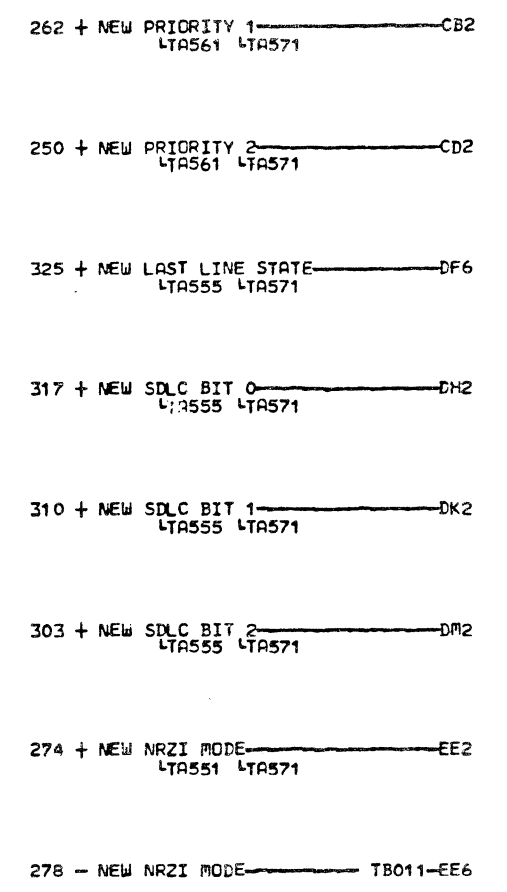
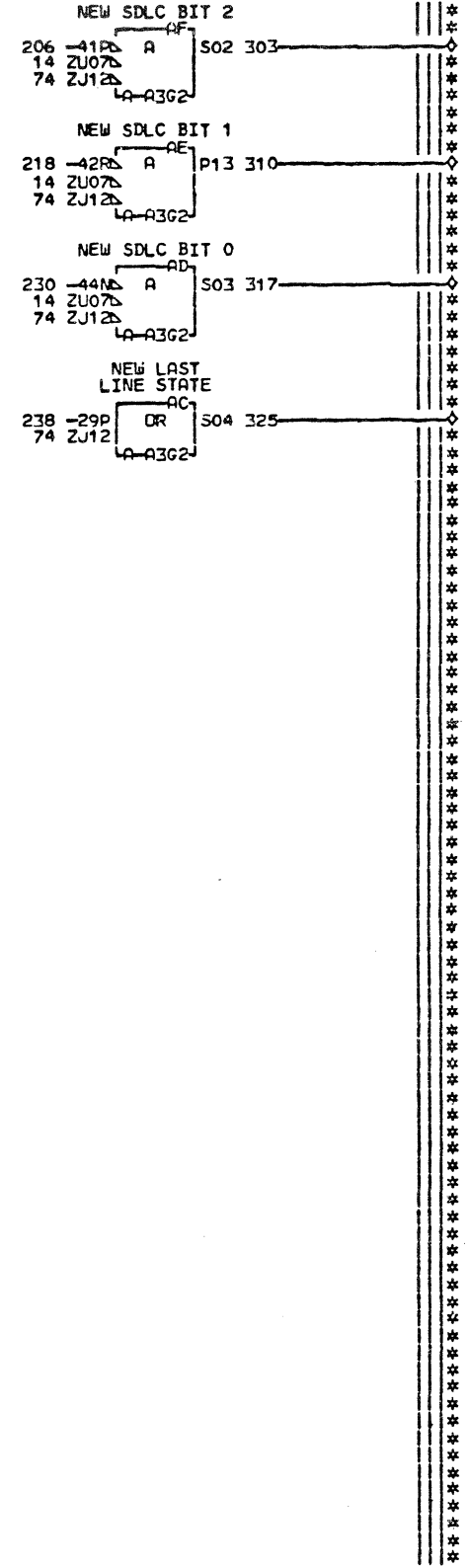
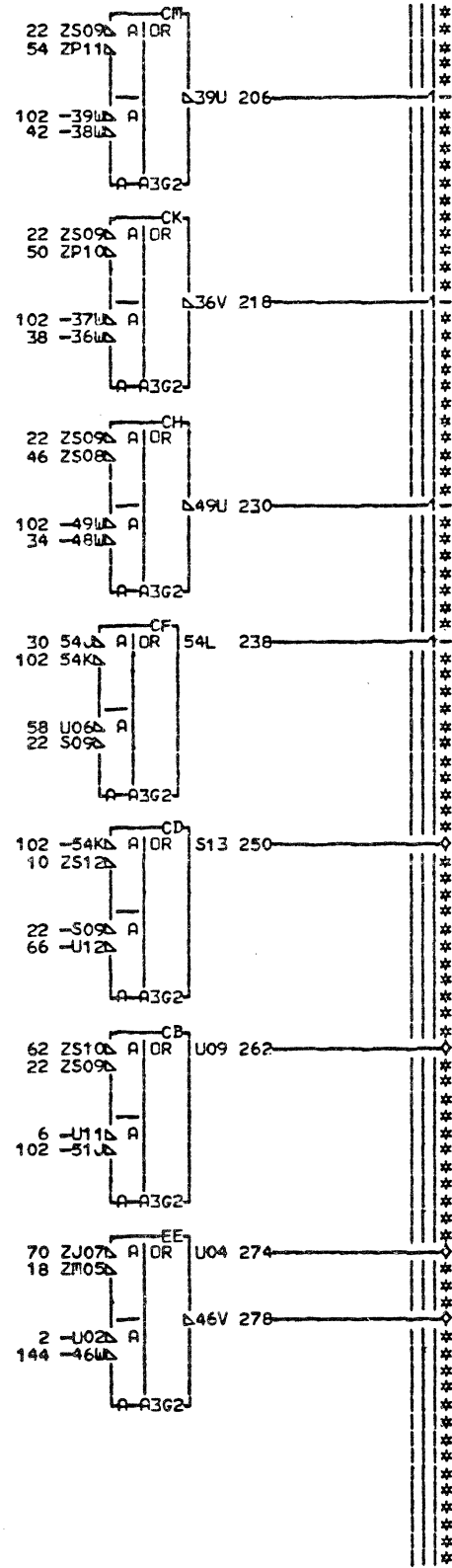
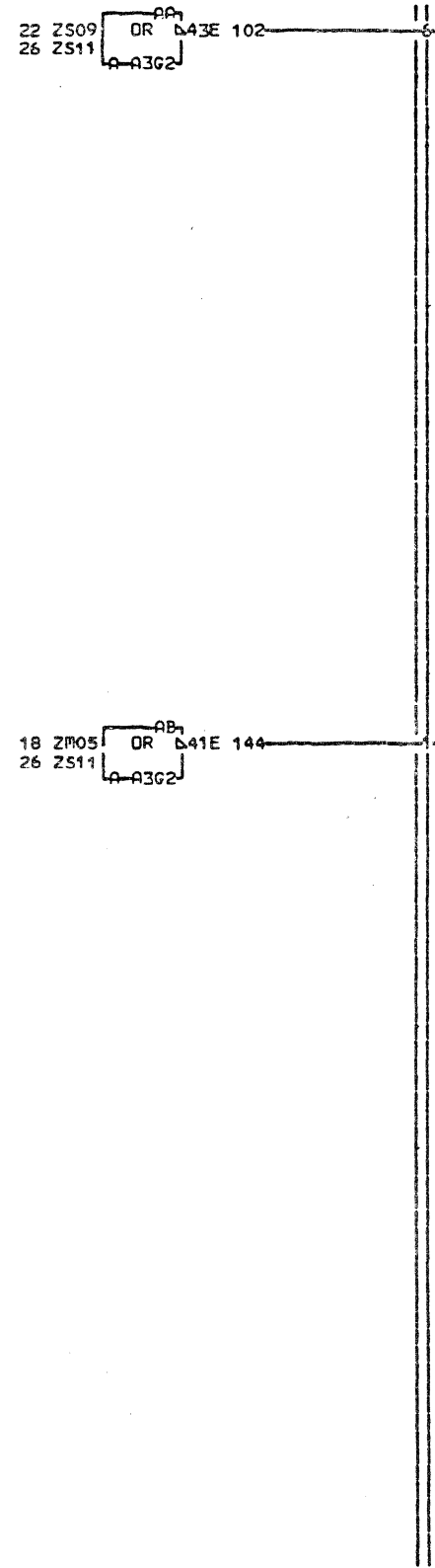
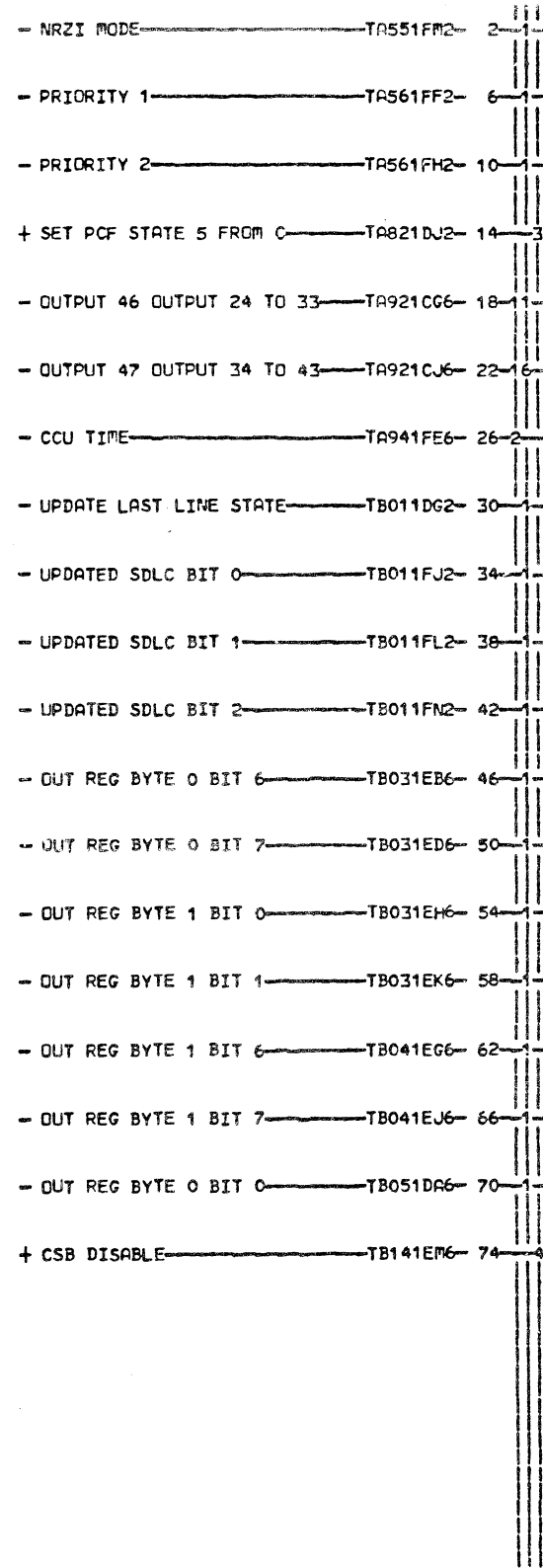
TA941
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CSB CLOCK			
E.C.-HISTORY	E	MACH-3705	
FRAME		01	
DATE LAST EC		IBM CORP-SDD	TA941
11-25-80 344401		P.N. 8550316	000



LOC. TYPE
A-A3G2 7620

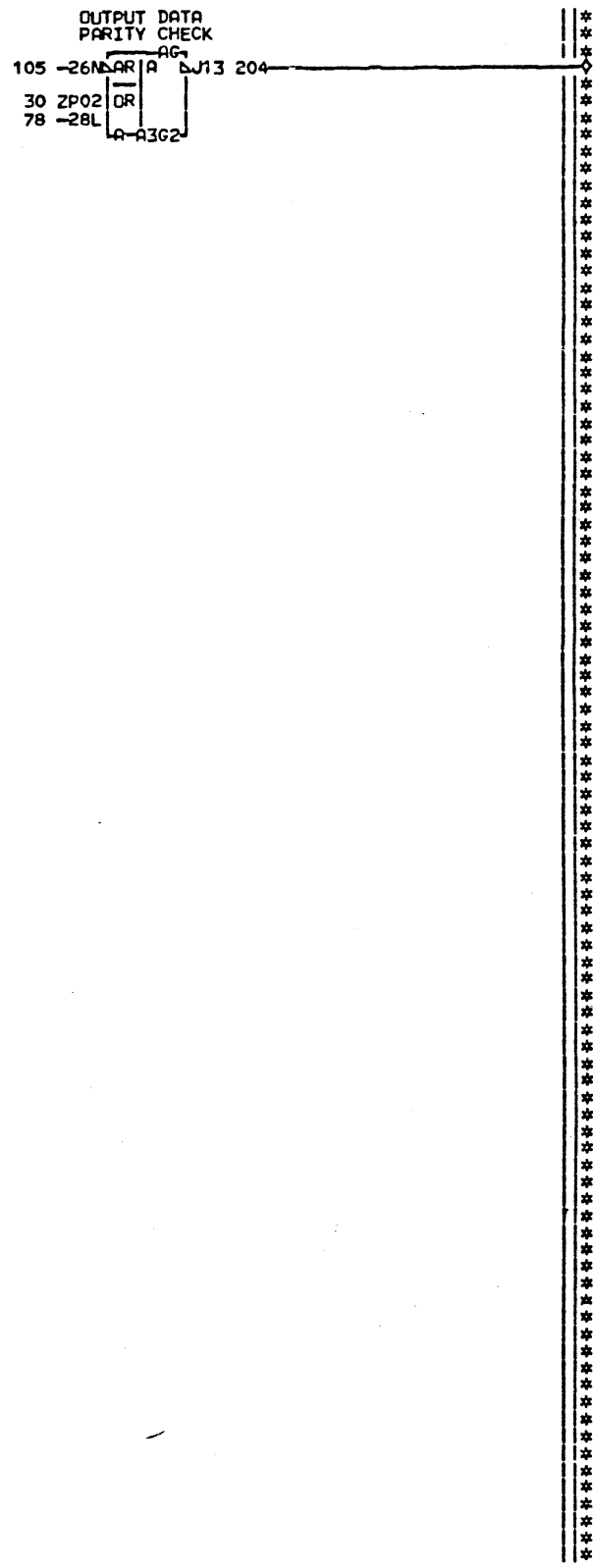
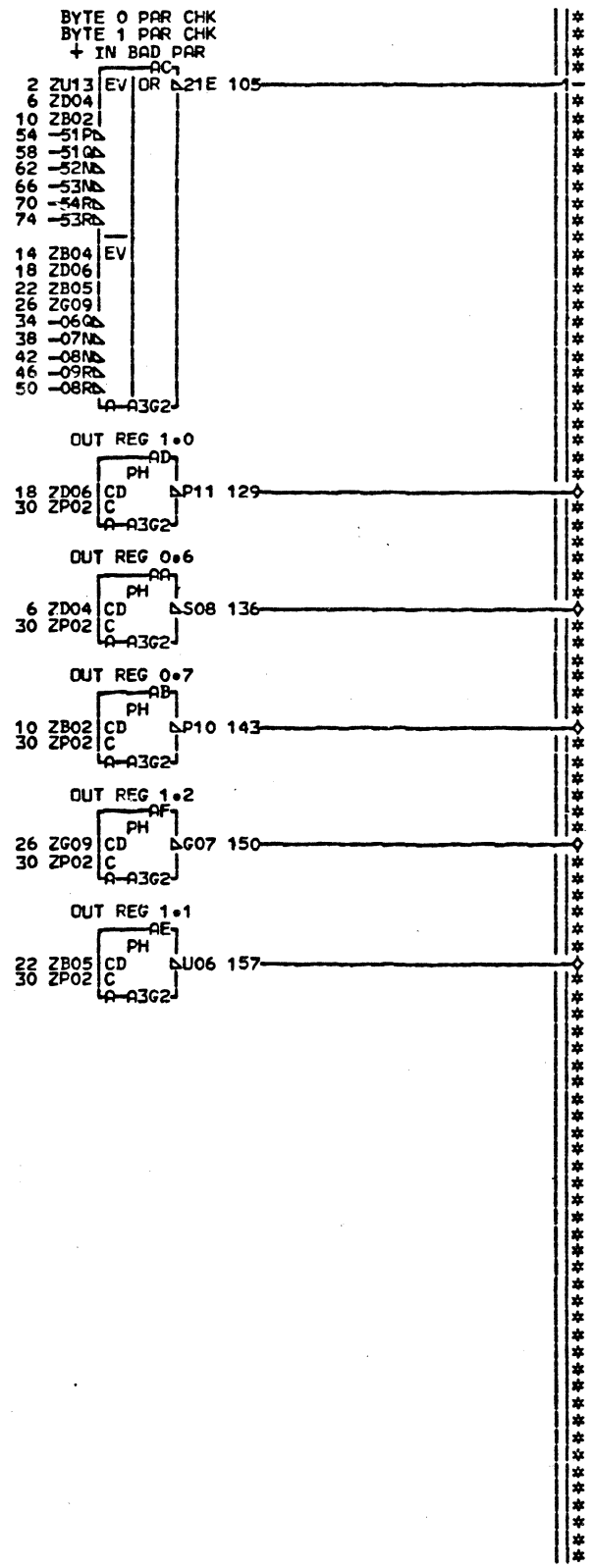
ONES COUNTER AND LAST LINE STATE	
E.C. HISTORY	E. MACH. 3705
FRAME	01
IBM CORP. SDD	TB011
DATE LAST EC	P. No. 8550317 000
11-25-80 344401	



LOC. TYPE
A-A3G2 7620

PRIORITY AND LAST LINE STATE AND SDLC ONES COUNTER UPDATE	
-E.C.-HISTORY-E ₁ MACH.3705	
FRAME	01
DATE	11-25-80 344401
LAST EC	
IBM CORP.SDD	P.No. 8550318
TB021	000

+ OUTBUS 0.P TA031BA1- 2-1
 + OUTBUS 0.6 TA031BC1- 6-2
 + OUTBUS 0.7 TA031BC3- 10-2
 + OUTBUS 1.P TA031BC5- 14-
 + OUTBUS 1.0 TA031BC7- 18-2
 + OUTBUS 1.1 TA031BD2- 22-2
 + OUTBUS 1.2 TA031BD4- 26-2
 + GATE OUTPUT REG TA911GL6- 30-51
 - OUTBUS BYTE 1 BIT 3 TB041AA2- 34-1
 - OUTBUS BYTE 1 BIT 4 TB041AC2- 38-1
 - OUTBUS BYTE 1 BIT 5 TB041AE2- 42-1
 - OUTBUS BYTE 1 BIT 6 TB041AG2- 46-1
 - OUTBUS BYTE 1 BIT 7 TB041AJ2- 50-1
 - OUTBUS BYTE 0 BIT 0 TB051AA2- 54-1
 - OUTBUS BYTE 0 BIT 1 TB051AC2- 58-1
 - OUTBUS BYTE 0 BIT 2 TB051AD2- 62-1
 - OUTBUS BYTE 0 BIT 3 TB051AE2- 66-1
 - OUTBUS BYTE 0 BIT 4 TB051AF2- 70-1
 - OUTBUS BYTE 0 BIT 5 TB051AG2- 74-1
 + SAMPLE MOD BITS TB061CH2- 78-



136 - OUT REG BYTE 0 BIT 6 EB6
 LTA131 LTA231 LTB021

143 - OUT REG BYTE 0 BIT 7 ED6
 LTA131 LTA231 LTB021 LTB111

129 - OUT REG BYTE 1 BIT 0 EH6
 LTA111 LTA231 LTA731 LTB021 LTB111

157 - OUT REG BYTE 1 BIT 1 EK6
 LTA111 LTA231 LTA731 LTB021 LTB111

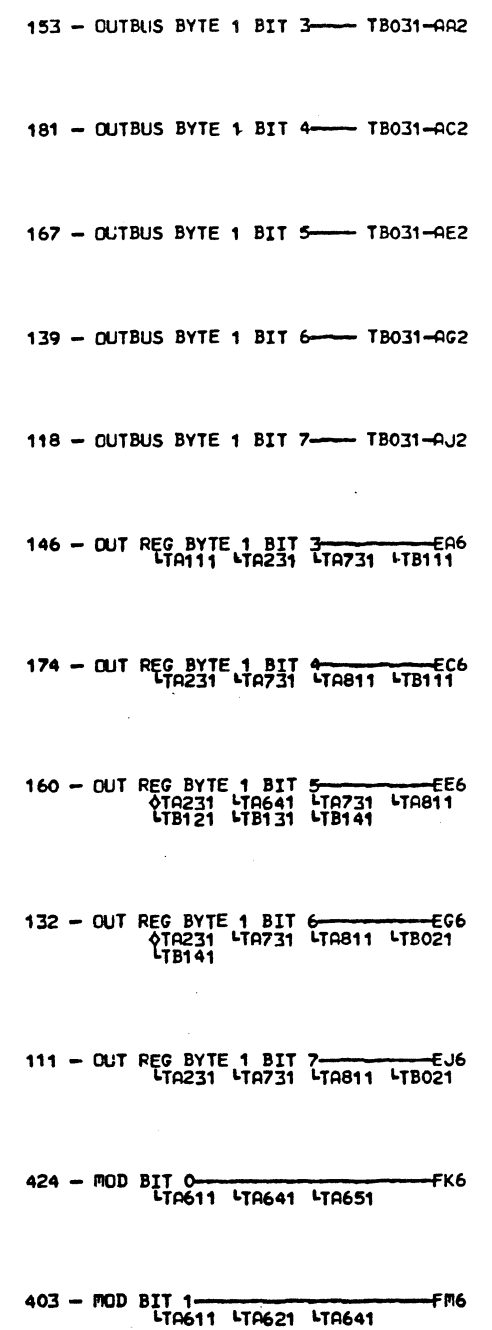
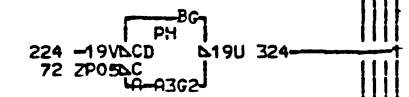
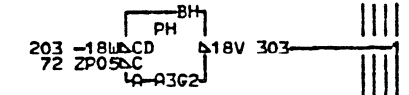
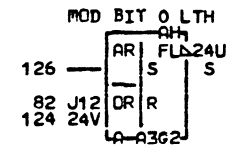
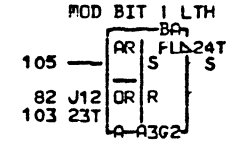
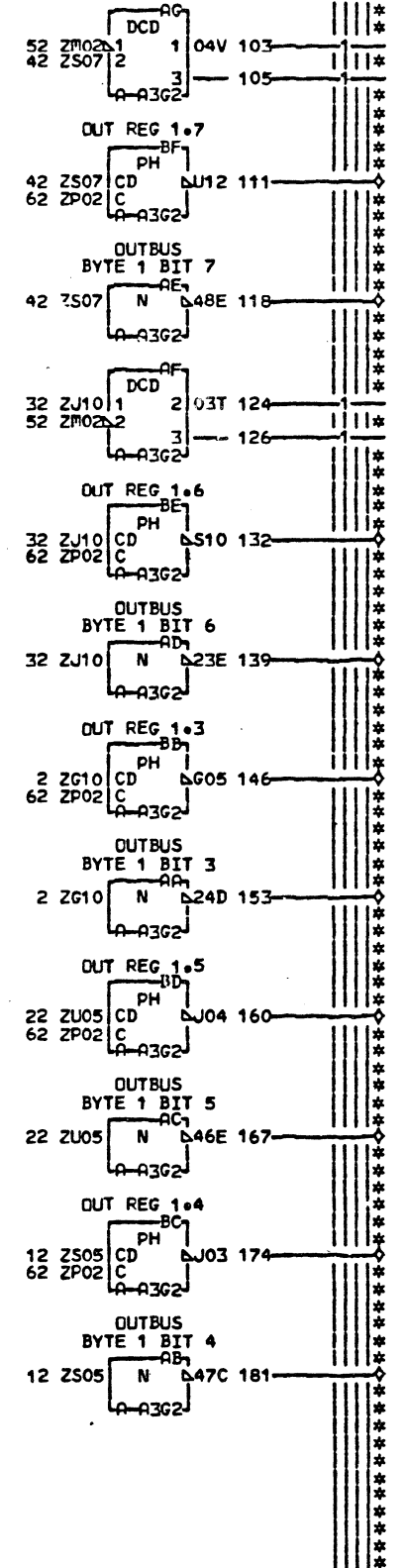
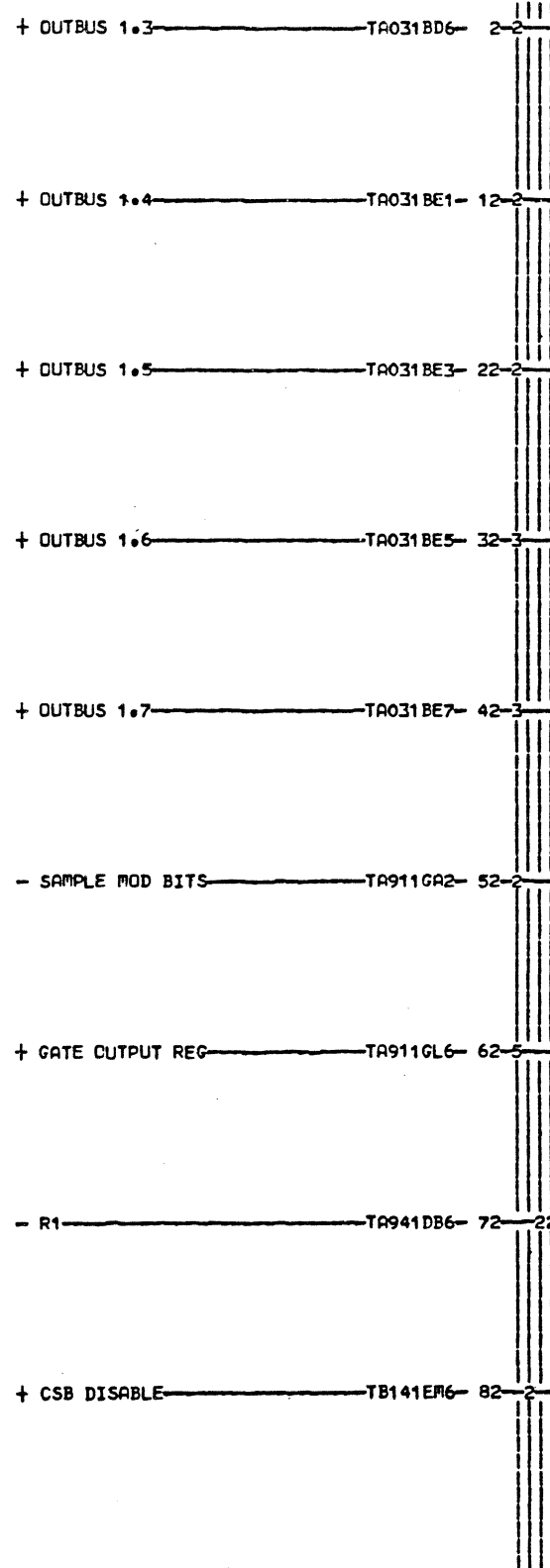
150 - OUT REG BYTE 1 BIT 2 EM6
 LTA111 LTA231 LTA731 LTB111

204 - OUTPUT DATA PARITY CHECK FF6
 LTB131

LDC. TYPE
 A-A3G2 7620

TB031
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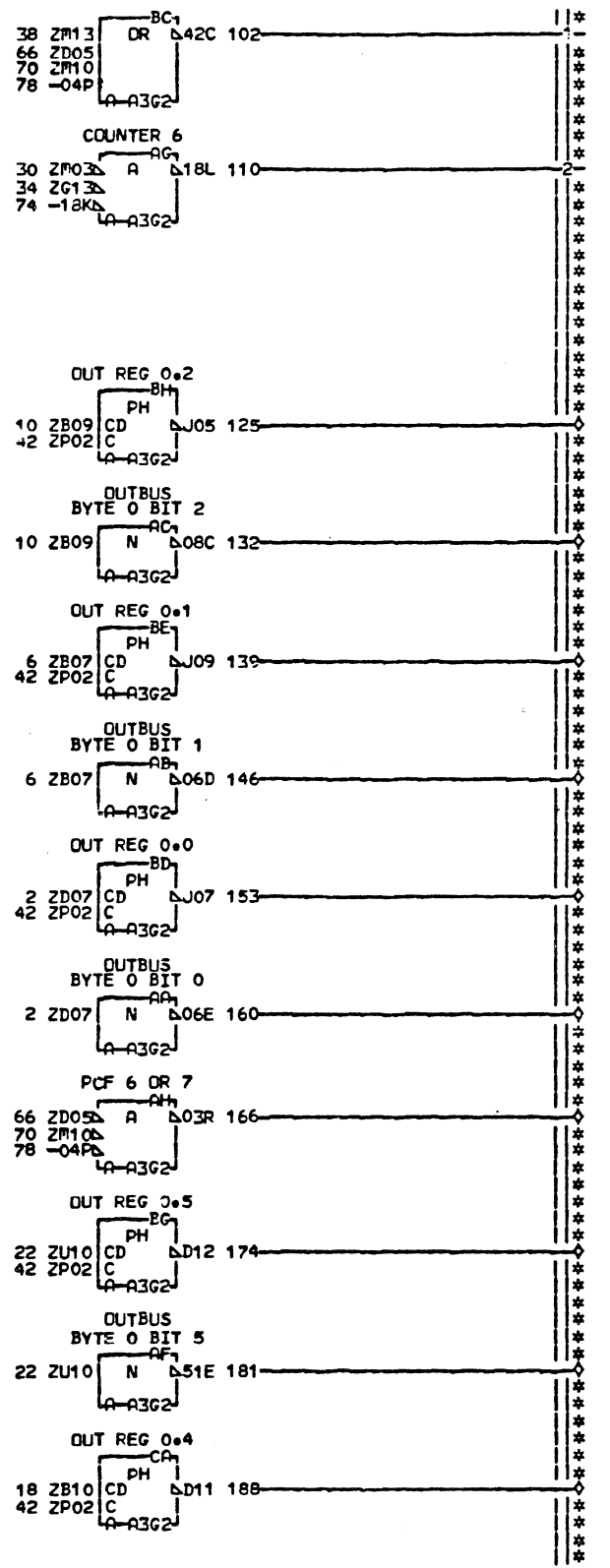
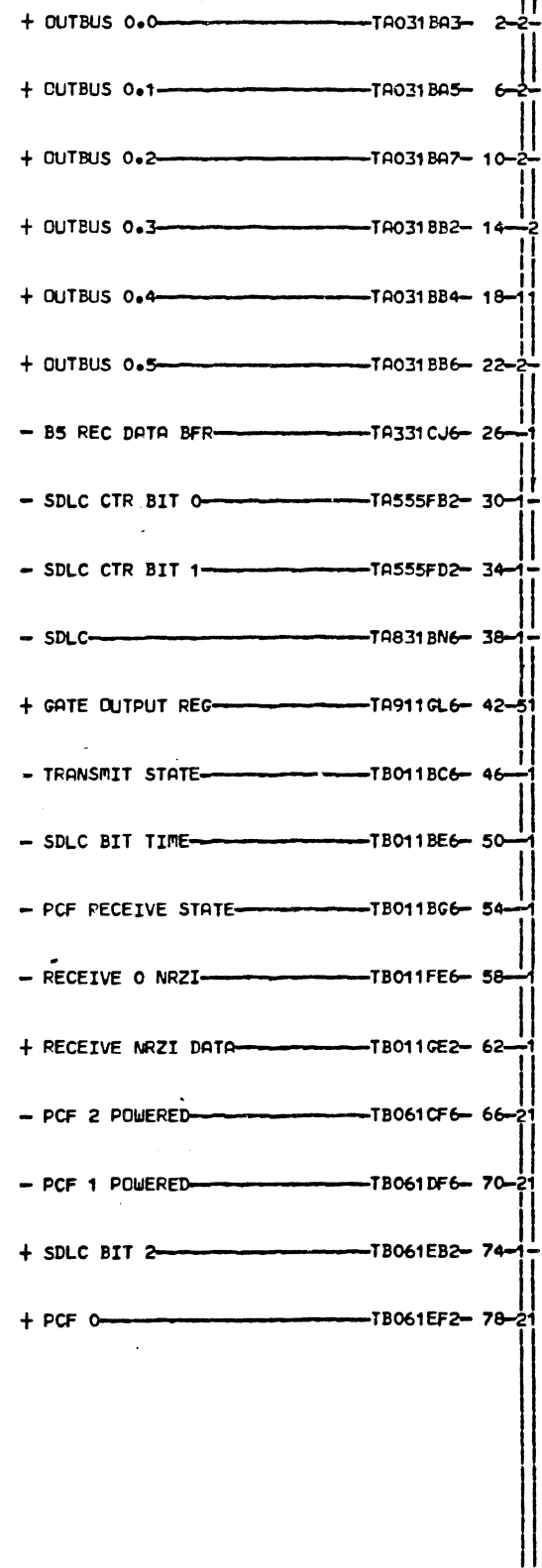
OUT REG 6 TO 10	
E.C. HISTORY	E. MACH. 3705
FRAME	01
DATE LAST EC	IBM CORP. SDD TB031
11-25-80 344401	P.N. 8550319 000



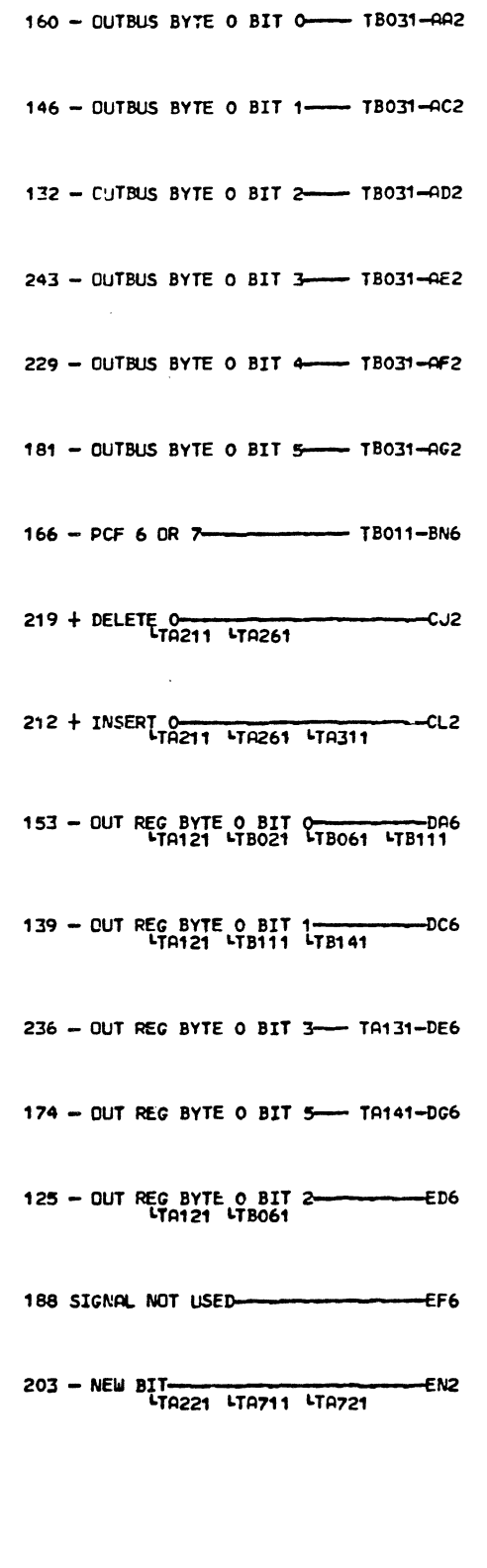
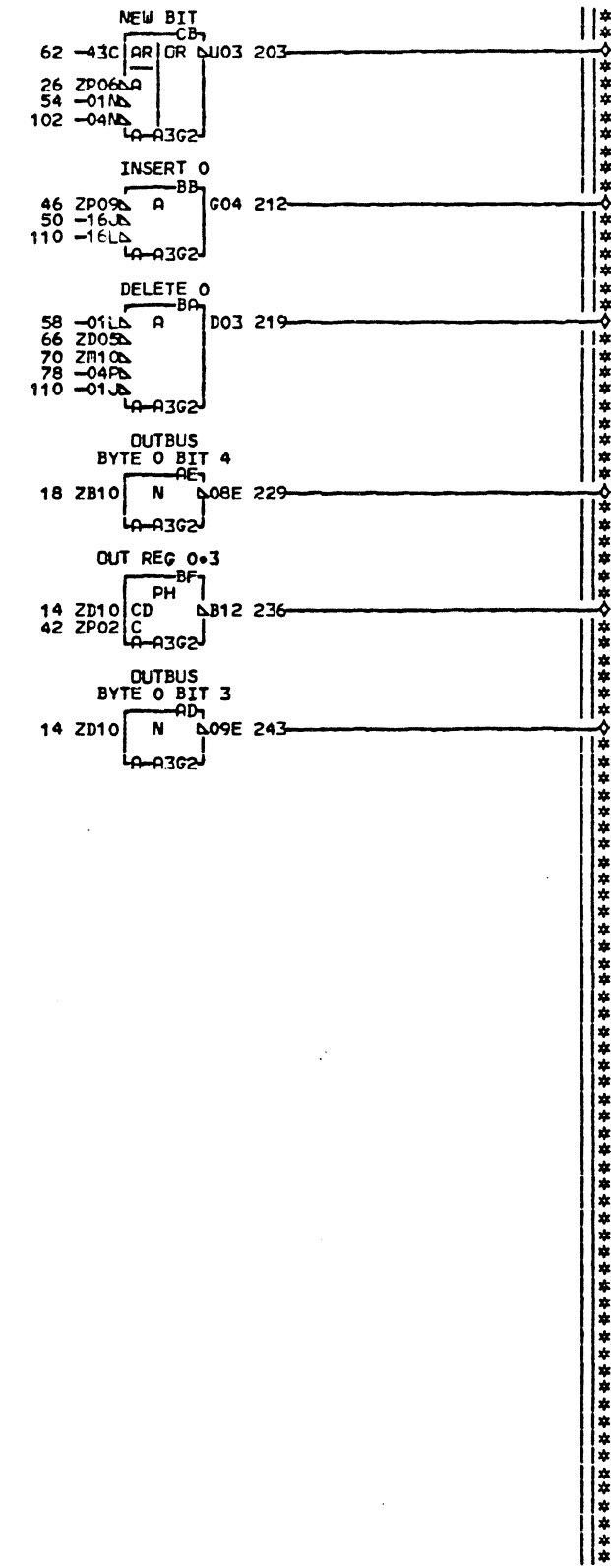
LDC. TYPE
A-A3G2 7620

TB041
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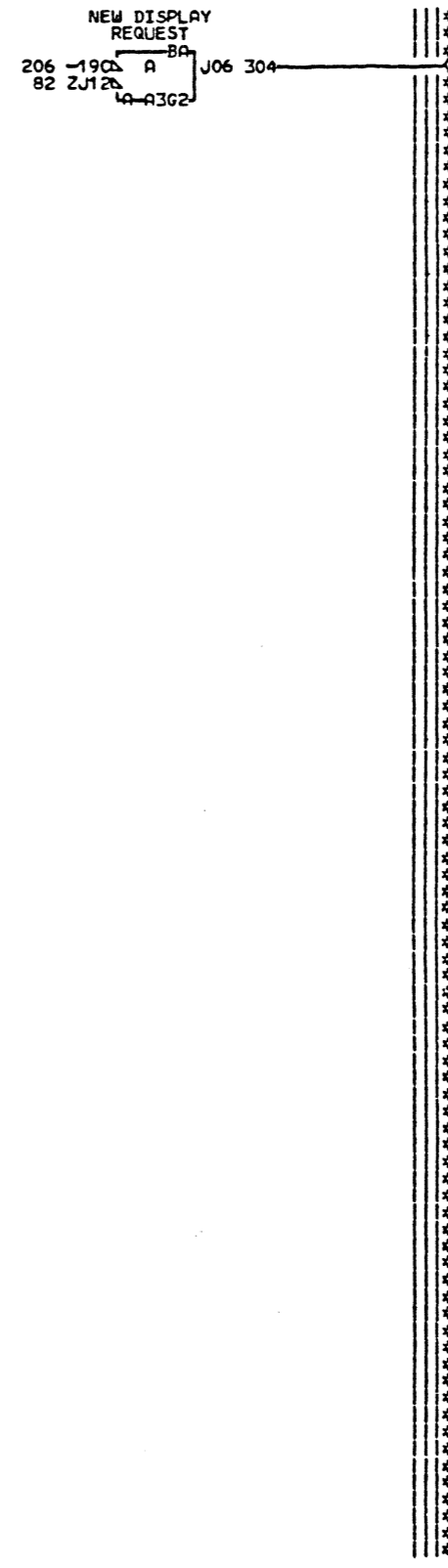
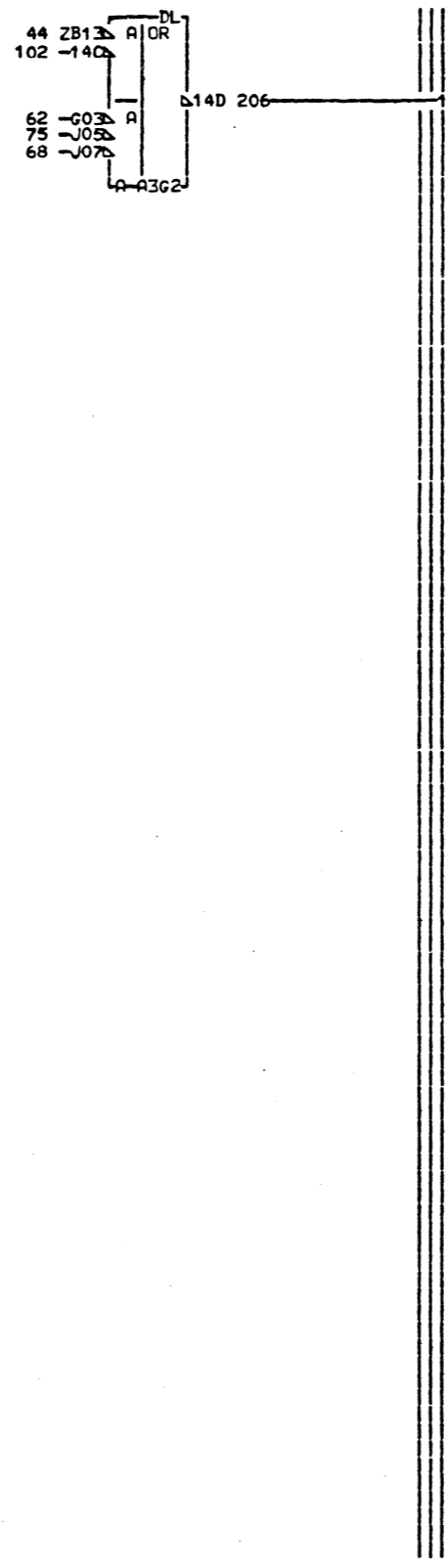
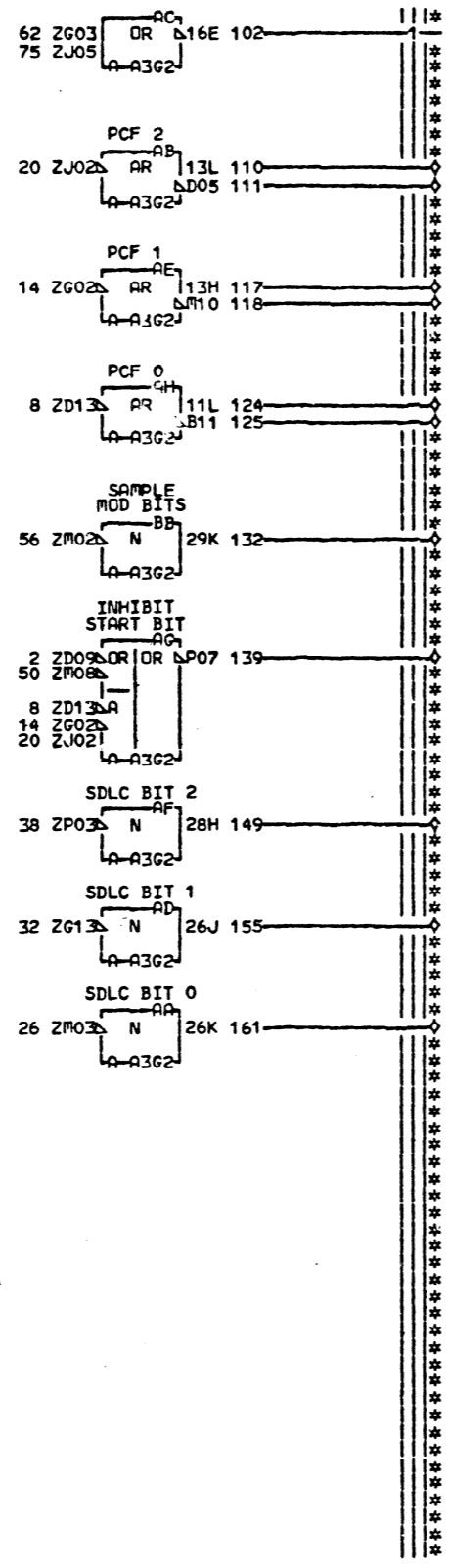
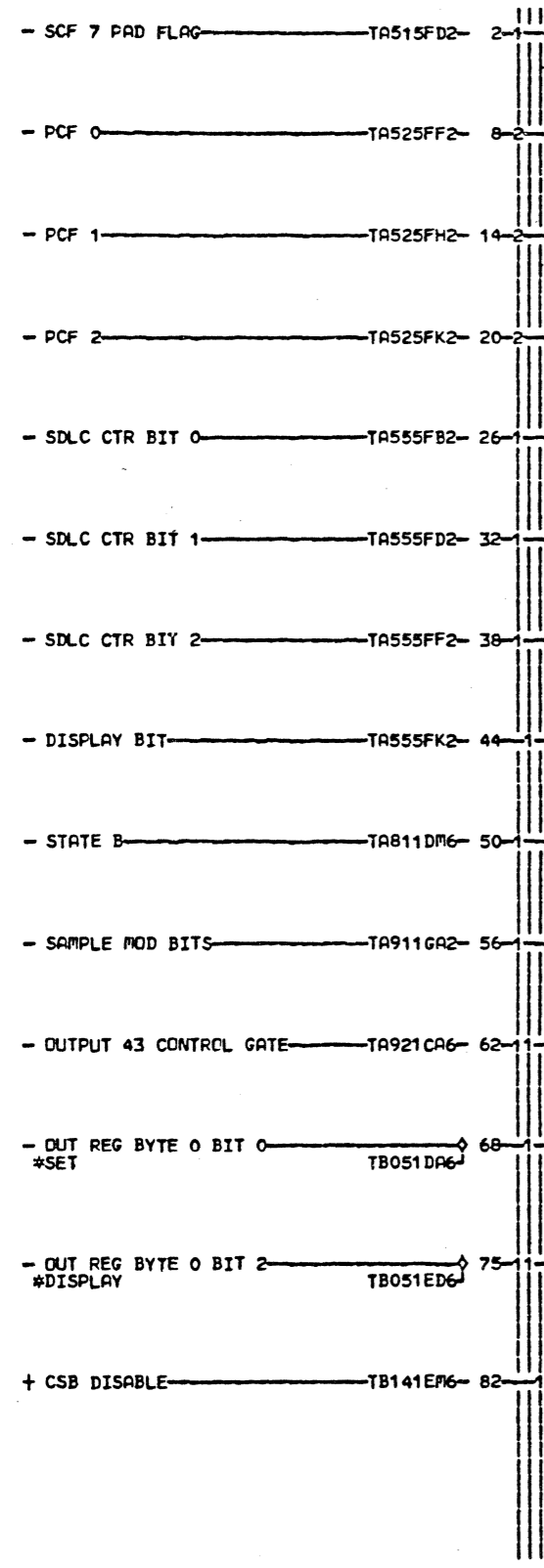
OUT REG 11 TO 15 AND MOD BITS 0 AND 1		E.C.-HISTORY—E-MACH.3705	
DATE	LAST EC	FRAME	01
11-25-80	344401	IBM CORP.SDD	TB041
		P.N. 8550320	000



LOC. TYPE
A-A3G2 7620



OUT REG 0 TO 5 AND NEW BIT	
E.C.-HISTORY	E.MACH.3705
FRAME	01
DATE	LAST EC
11-25-80 344401	IBM CORP.SDD TB051
P.N. 8550321	000

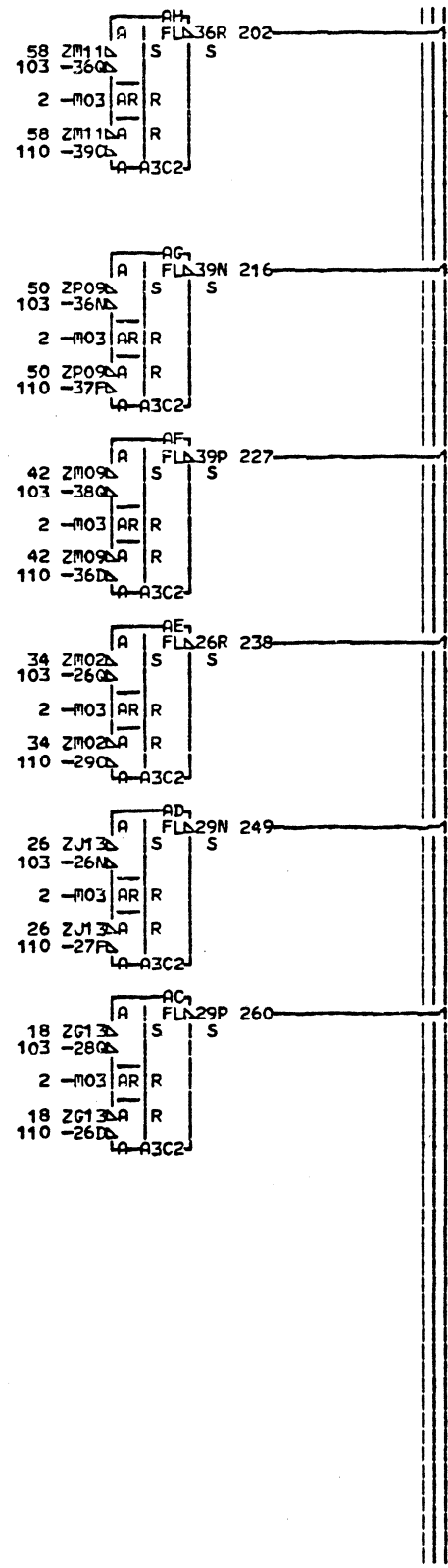
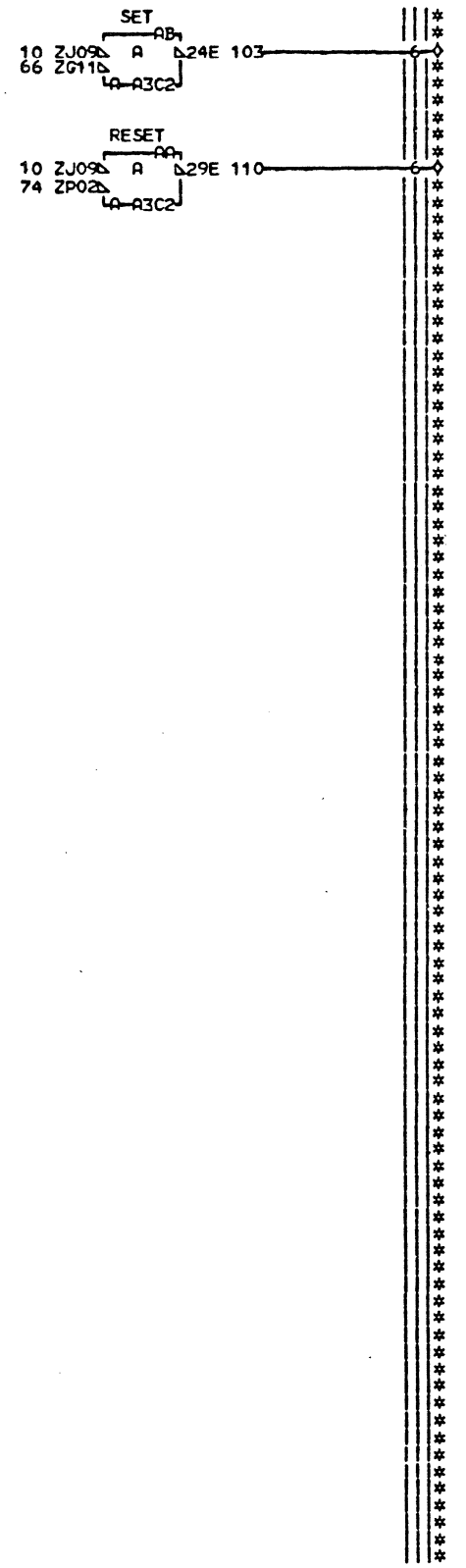
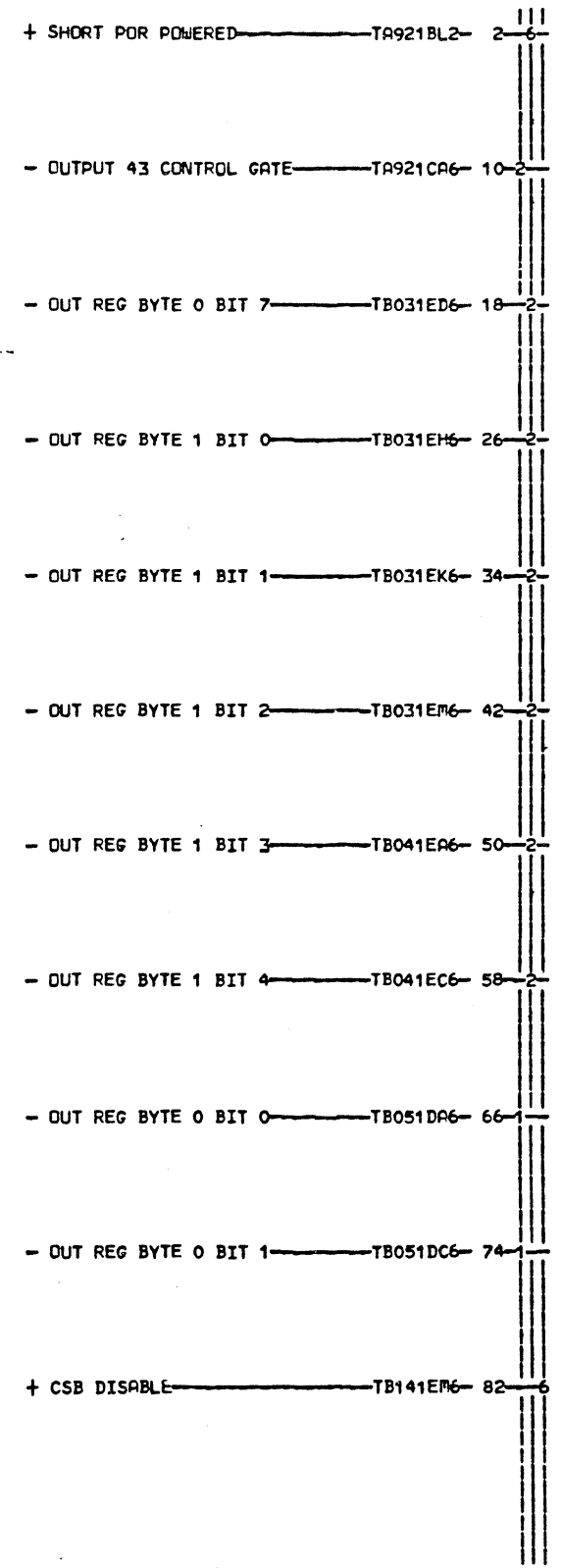


000 TB061

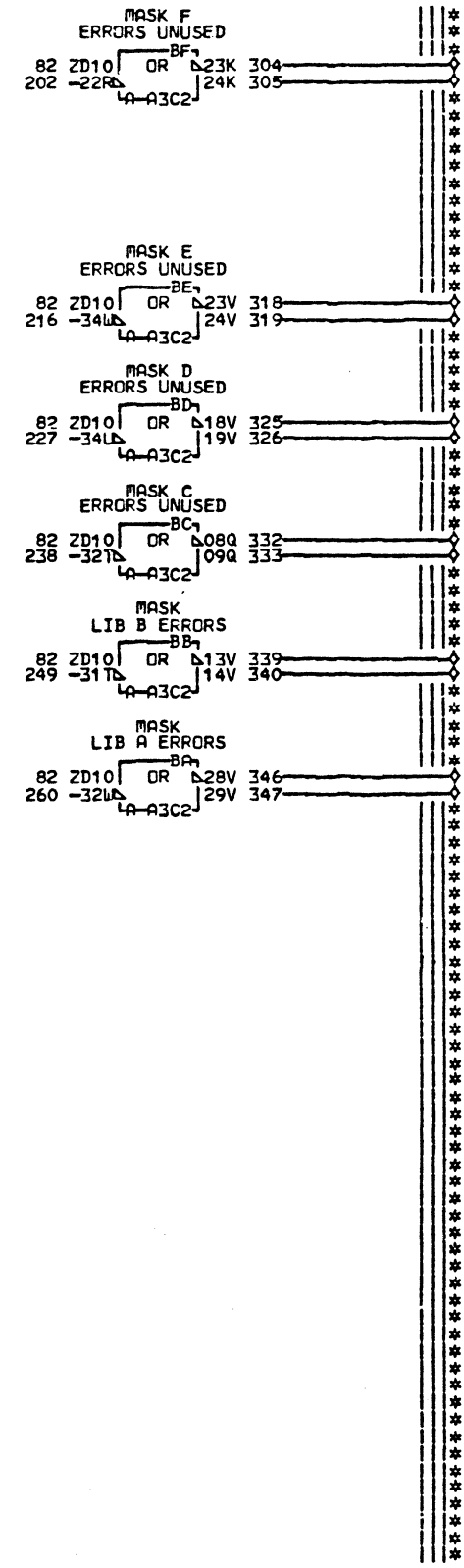
TB061
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LOC. TYPE
A-A3G2 7620

ENTRY PAGE AND DISPLAY REQUEST	
E.C. HISTORY	E. PACH. 3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP. SDD	TB061
P.N. 8550322	000



LDC TYPE
A-A3C2 7621

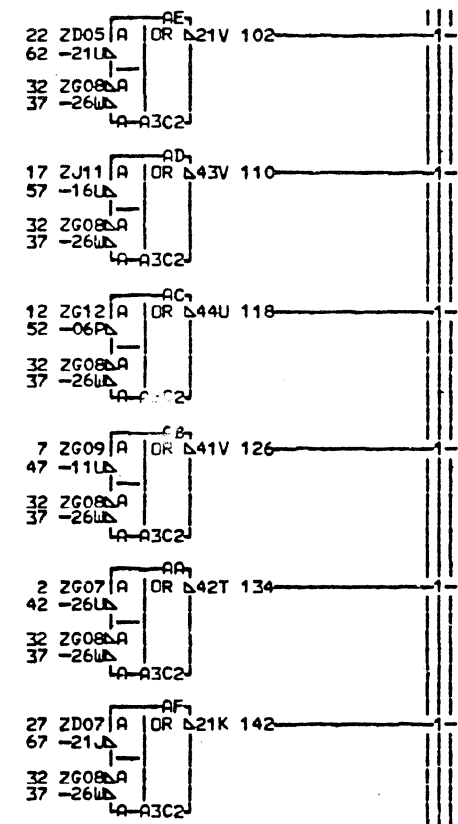


- 000 TB111
- 110 - RESET — TB141-AC6
 - 103 - SET — TB121 TB131 TB141 — BA6
 - 346 - MASK LIB A ERRORS — TB141-FB2
 - 347 + MASK LIB A ERRORS — TB121-FB6
 - 339 - MASK LIB B ERRORS — TB141-FD2
 - 340 + MASK LIB B ERRORS — TB121-FD6
 - 332 - MASK C ERRORS UNUSED — TB141-FF2
 - 333 + MASK C ERRORS UNUSED — TB121-FF6
 - 325 - MASK D ERRORS UNUSED — TB141-FH2
 - 326 + MASK D ERRORS UNUSED — TB121-FH6
 - 318 - MASK E ERRORS UNUSED — TB141-FK2
 - 319 + MASK E ERRORS UNUSED — TB121-FK6
 - 304 - MASK F ERRORS UNUSED — TB141-FM2
 - 305 + MASK F ERRORS UNUSED — TB121-FM6

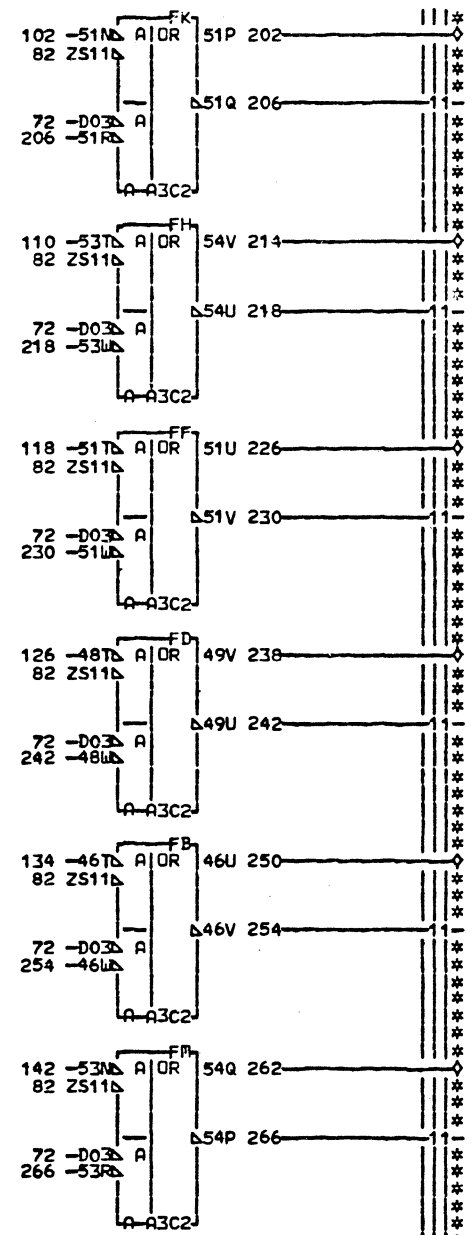
TB111
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MASK LIB ERRORS	
E.C. HISTORY	E. MACH. 3705
DATE	FRAME 01
LAST EC	IBM CORP. SDD TB111
11-25-80 344401	P.No. 8550323 000

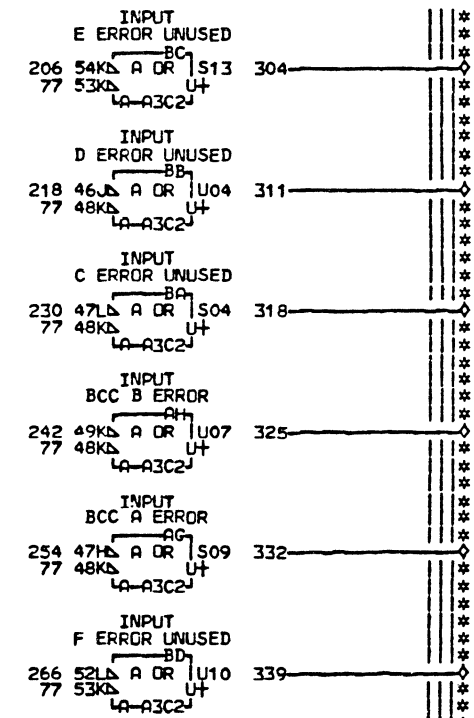
+ BCC A L.S. PARITY ERROR — TA081CA1* 2-1
 + BCC B L.S. PARITY ERROR — TA081CB6* 7-1
 ALWAYS -4V — TA081CC1* 12-1
 ALWAYS -4V — TA081CH1* 17-1
 ALWAYS -4V — TA081CJ6* 22-1
 ALWAYS -4V — TA081CK1* 27-1
 - OUT REG BYTE 1 BIT 5 — TB041EE6 32-6
 - SET — TB111BA6 37-6
 + MASK LIB A ERRORS — TB111FB6 42-1
 + MASK LIB B ERRORS — TB111FD6 47-1
 + MASK C ERRORS UNUSED — TB111FF6 52-1
 + MASK D ERRORS UNUSED — TB111FH6 57-1
 + MASK E ERRORS UNUSED — TB111FK6 62-1
 + MASK F ERRORS UNUSED — TB111FM6 67-1
 + RESET LEVEL 1 — TB141CJ6 72-6
 - INPUT ERROR REG — TB151DD6 77-6
 - SAMPLE BCC PARITY ERROR — TB241FB6 82-6



EDGE CONN.
 2 RESISTOR A-A3C2D05
 A-A3C2G07 RESISTOR 27
 7 RESISTOR A-A3C2G09
 A-A3C2G12 RESISTOR
 17 RESISTOR A-A3C2J11
 A-A3C2J11 RESISTOR
 22 RESISTOR

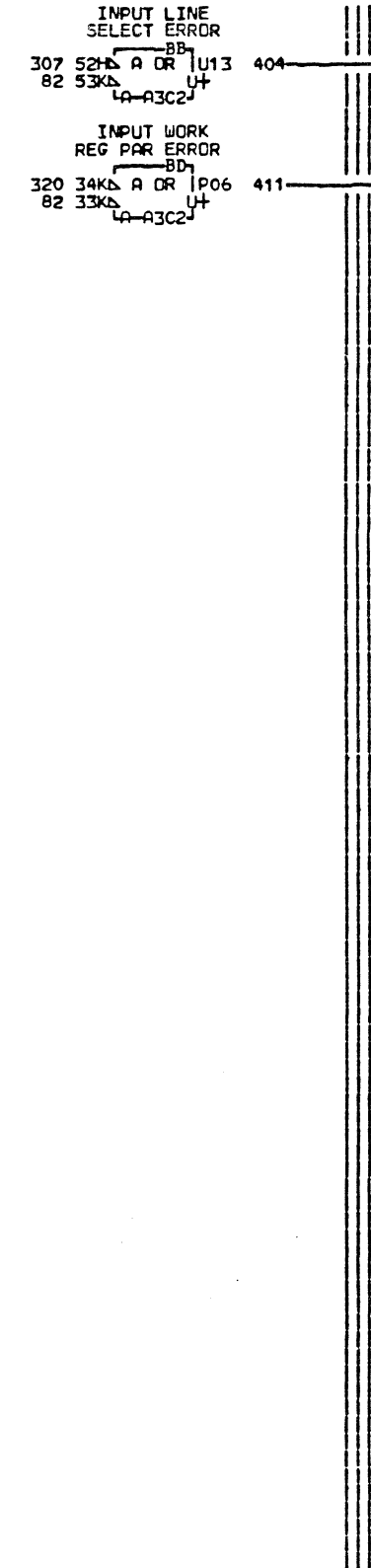
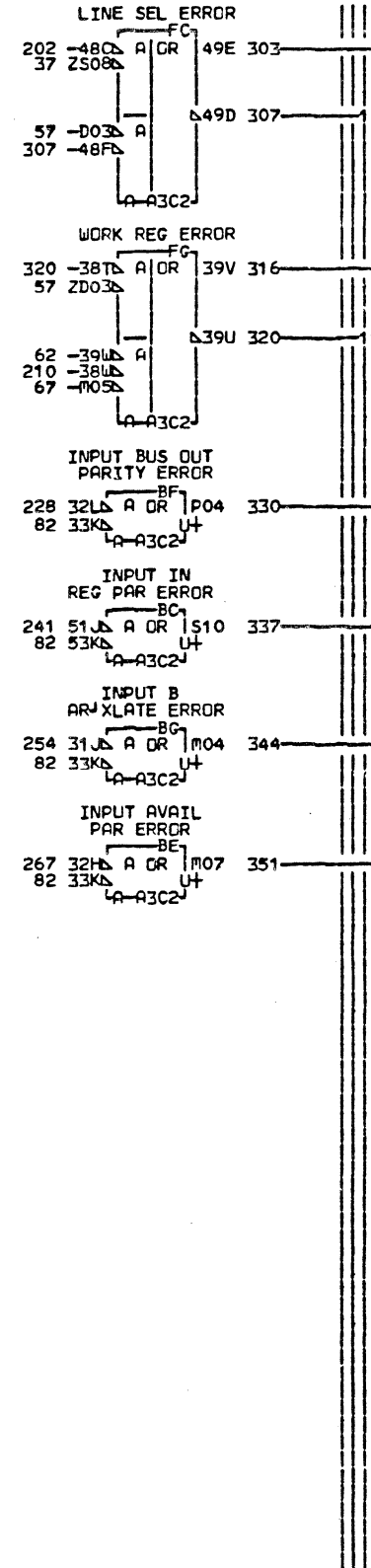
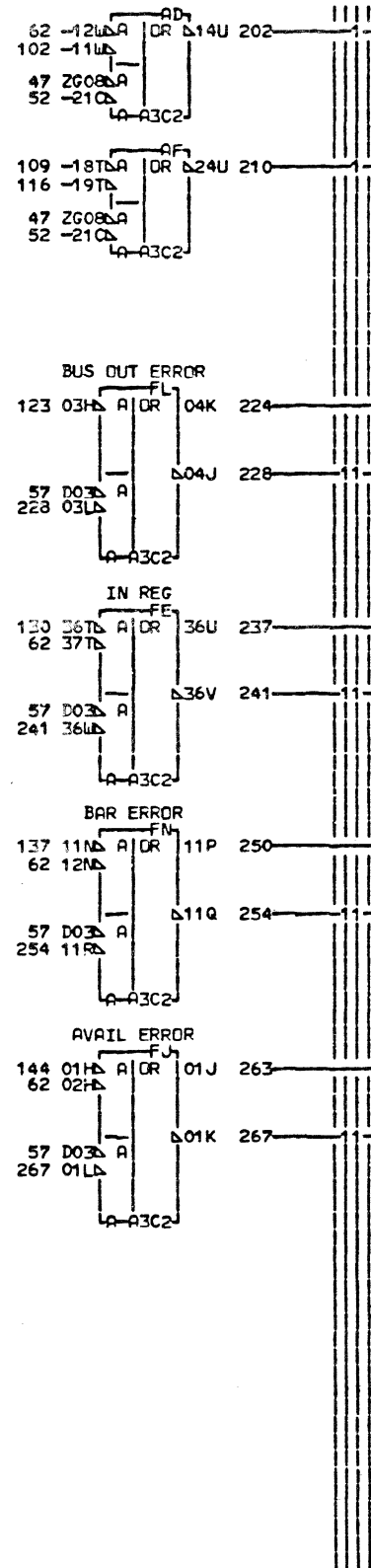
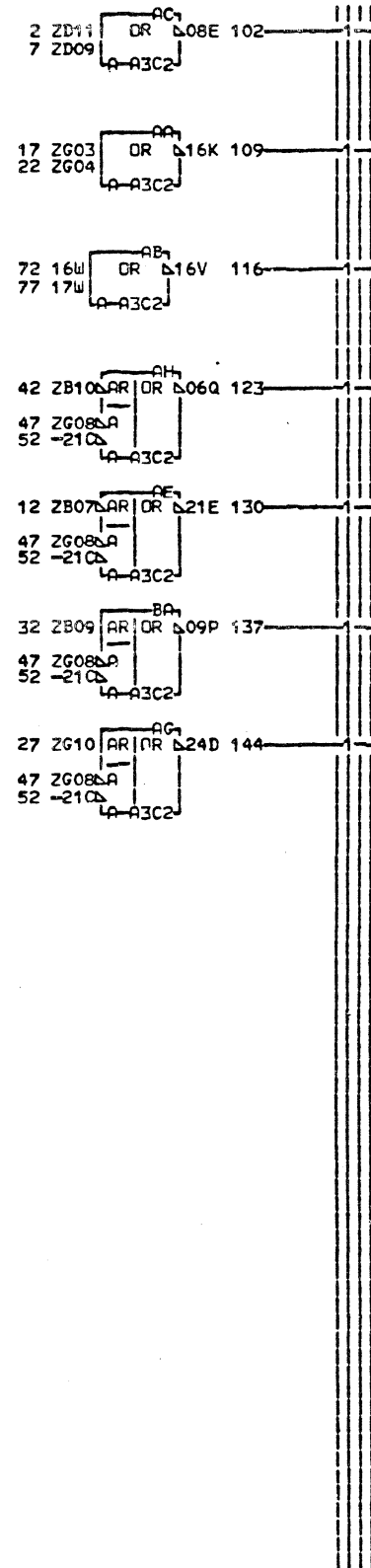
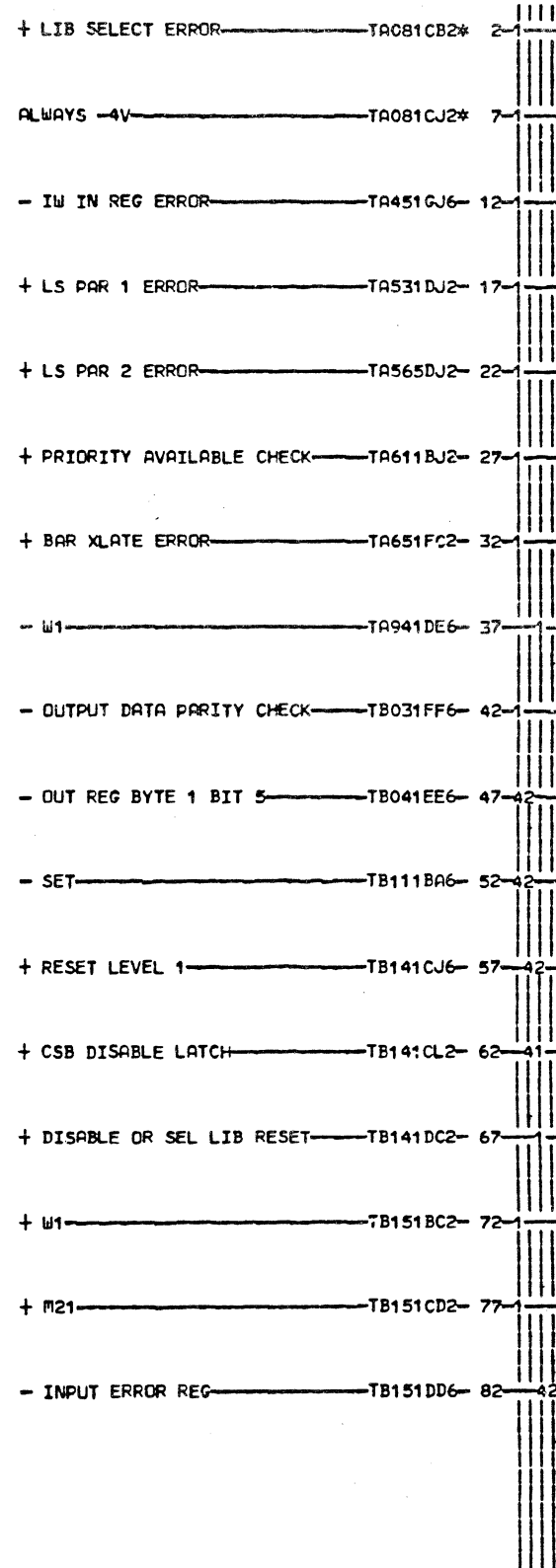


LOC. TYPE
 A-A3C2 7621



000 TB121
 250 + BCC A ERROR LATCH — FB2
 LTB141 LTB161
 238 + BCC B ERROR LATCH — FD2
 LTB141 LTB161
 226 + C ERROR LATCH UNUSED — FF2
 LTB141 LTB161
 214 + D ERROR LATCH UNUSED — FH2
 LTB141 LTB161
 202 + E ERROR LATCH UNUSED — FK2
 LTB141 LTB161
 262 + F ERROR LATCH UNUSED — FM2
 LTB141 LTB161
 332 + INPUT BCC A ERROR — TB211-GB2
 325 + INPUT BCC B ERROR — TB211-GD2
 318 + INPUT C ERROR UNUSED — TB211-GF2
 311 + INPUT D ERROR UNUSED — TB211-GH2
 304 + INPUT E ERROR UNUSED — TB211-GK2
 339 + INPUT F ERROR UNUSED — TB211-GM2

BCC ERRORS
 -E.C.-HISTORY — E-MACH-3705
 FRAME 01
 IBM CORP. SDD TB121
 DATE LAST EC P.No. 8550324 000
 11-25-80 344401

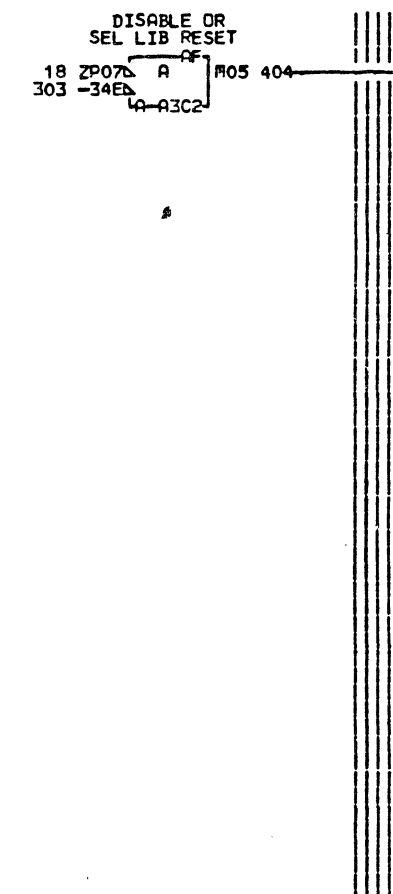
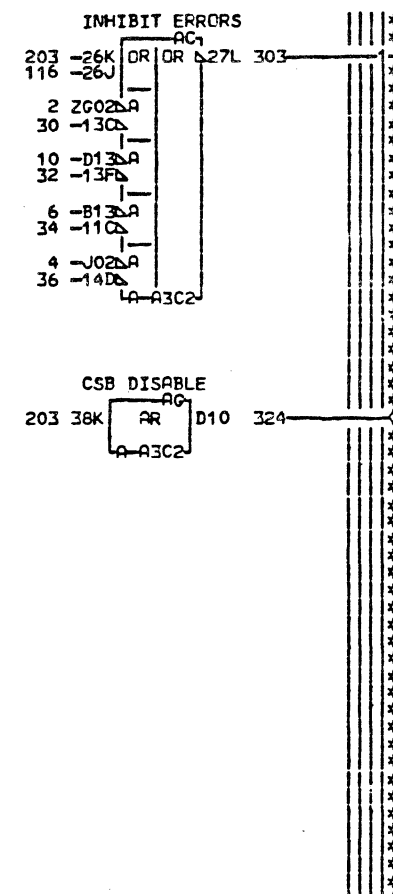
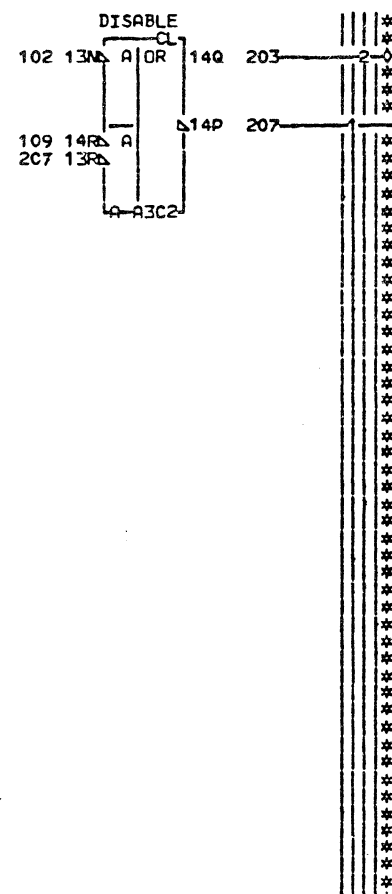
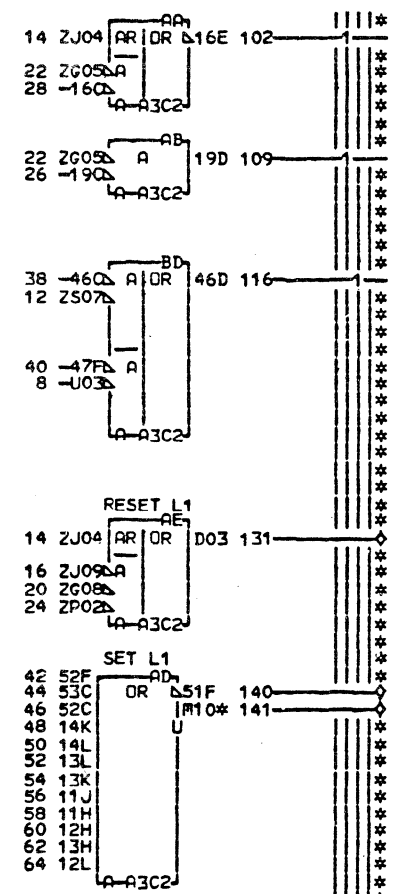


EDGE CONN.
 2 RESISTOR
 A-A3C2D11
 7 RESISTOR
 A-A3C2D09

LOC. TYPE
 A-A3C2 7621

ERROR REG	
E.C.—HISTORY—	E. MACH. 3705
	FRAME 01
DATE LAST EC	IBM CORP. SDD TB131
11-25-80 344401	P. N. 8550325 C00

- LIB SEL A TA631CE6- 2
- SEL D UNUSED TA631CF6- 4
- SEL C UNUSED TA631CL6- 6
- SEL F UNUSED TA631CM6- 8
- LIB B SEL TA631DG6- 10
- SEL E UNUSED TA631DJ6- 12
- + SHORT POR POWERED TA921BL2- 14
- OUTPUT 43 CONTROL GATE TA921CA6- 16
- CSB TIME TA941FE2- 18
- OUT REG BYTE 1 BIT 5 TB041EE6- 20
- OUT REG BYTE 1 BIT 6 TB041EG6- 22
- OUT REG BYTE 0 BIT 1 TB051DC6- 24
- RESET TB111AC6- 26
- SET TB111BA6- 28
- MASK LIB A ERRORS TB111FB2- 30
- MASK LIB B ERRORS TB111FD2- 32
- MASK C ERRORS UNUSED TB111FF2- 34
- MASK D ERRORS UNUSED TB111FH2- 36
- MASK E ERRORS UNUSED TB111FK2- 38
- MASK F ERRORS UNUSED TB111FM2- 40
- + BCC A ERROR LATCH TB121F82- 42
- + BCC B ERROR LATCH TB121FD2- 44
- + C ERROR LATCH UNUSED TB121FF2- 46
- + D ERROR LATCH UNUSED TB121FH2- 48
- + E ERROR LATCH UNUSED TB121FK2- 50
- + F ERROR LATCH UNUSED TB121FM2- 52
- + LINE SELECT ERROR LATCH TB131FC2- 54
- + IN REG PARITY ERROR LTH TB131FE2- 56
- + WORK REG PARITY ERROR LTH TB131FG2- 58
- + AVAIL PAR ERROR LTH TB131FJ2- 60
- + BUS OUT PARITY ERROR LTH TB131FL2- 62
- + BARXLATE ERROR LTH TB131FN2- 64



- 140 - ERROR SET LEVEL 1 INTERRUPT CG2 LTB151
- 131 + RESET LEVEL 1 LTB121 LTB131 CJ6
- 203 + CSB DISABLE LATCH TB131-CL2
- 404 + DISABLE OR SEL LIB RESET DC2
 STA311 LTA321 LTA361 LTA611
 TA641 LTA761 LTA811 LTA921
 TB131
- 324 + CSB DISABLE LTB021 LTB041 LTB061 LTB111 EM6
- 141 + ERROR SET LEVEL 1 INTERRUPT LTA031 FH6

EDGE CONN.
 141 A-A3VSD10
 01A-A3U6D02

LOC. TYPE
 A-A3C2 7621

INHIBIT ERRORS - SET L1 INTERRUPT AND POR LATCH	
E.C.-HISTORY	E-MACH.3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP.SDD	TB141
P.N.	8550326
	000

- GTE 1ST TEST POINTS ON INBUS-TA031BL2- 2-

- IDENTIFY CSB-TA041BG1- 12-

BOARD GROUND ONE-TA041BG3- 22-

BOARD GROUND TWO-TA041BG5- 32-

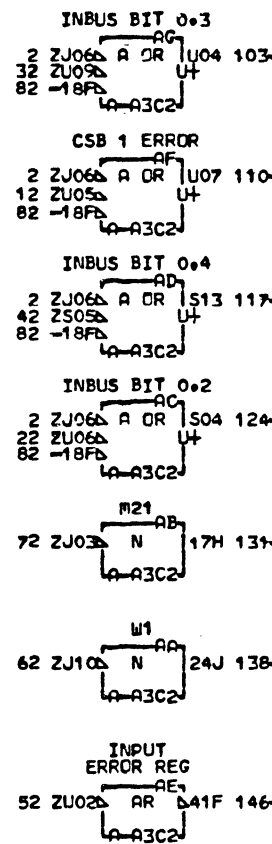
BOARD GROUND THREE-TA041BG7- 42-

- INPUT ERROR REG-TA911FD6- 52-

- W1-TA941DE6- 62-

- M21-TA941DH6- 72-

- ERROR SET LEVEL 1 INTERRUPT-TB141CG2- 82-



000 TB151

138 + W1-TB131-BC2

131 + M21-TB131-CD2

124 + INBUS BIT 0.2-TB211-CL2

117 + INBUS BIT 0.4-TB211-CN2

146 - INPUT ERROR REG-DD6
LTB121 LTB131 LTB161

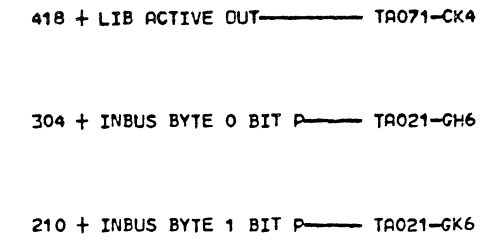
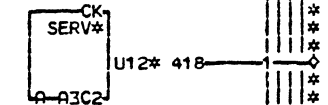
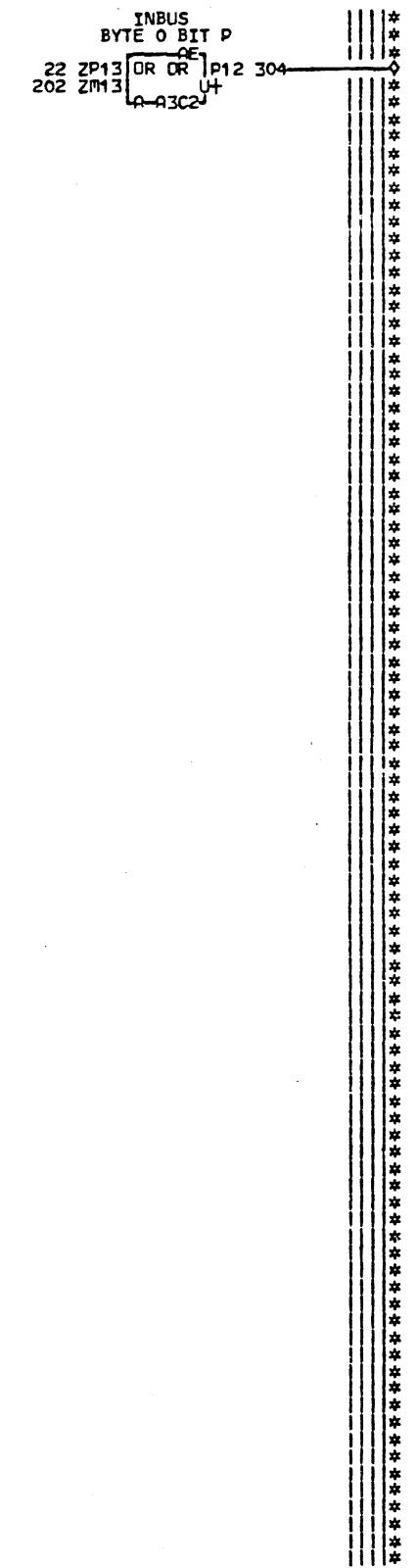
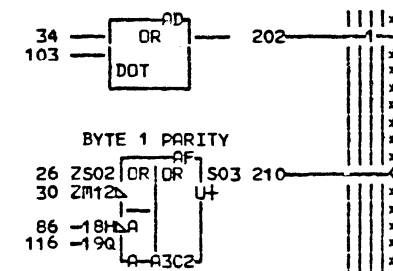
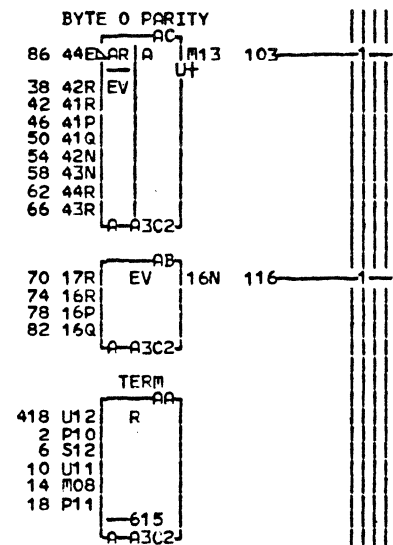
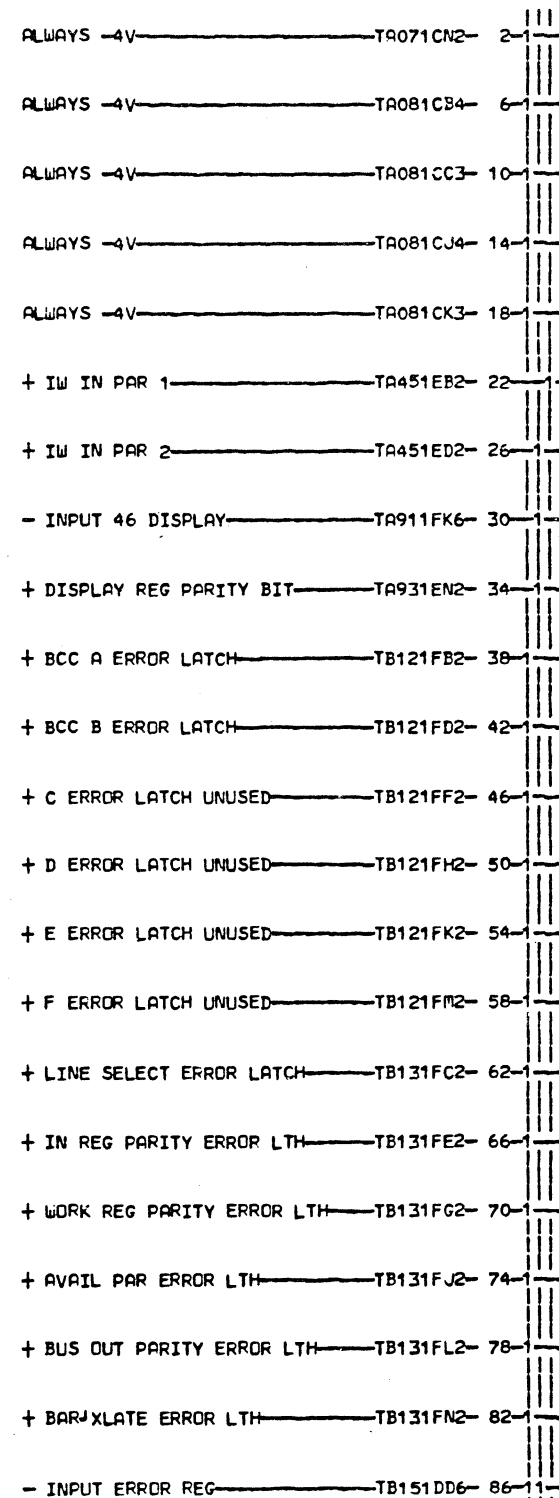
110 + CSB 1 ERROR-TB211-DK2

103 + INBUS BIT 0.3-TB211-DM2

LOC. TYPE
A-A3C2 7621

TB151
000

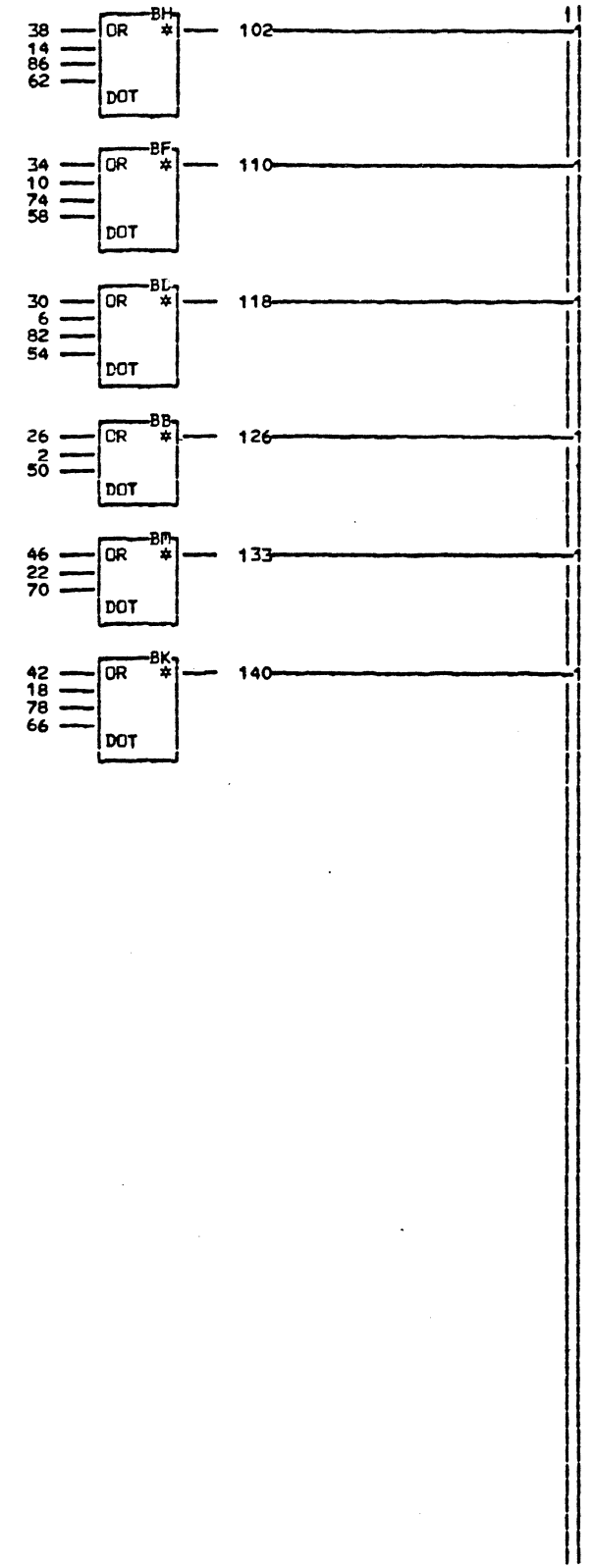
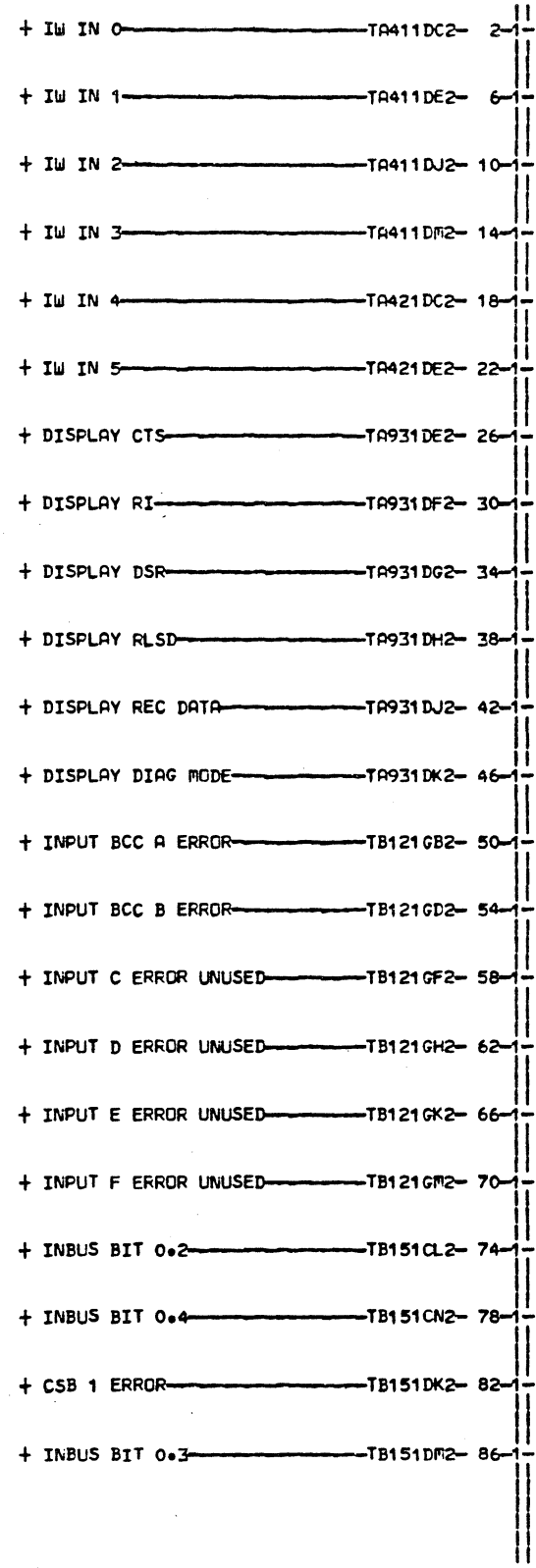
ENTRY PAGE AND GATE TEST POINTS	
E.C. HISTORY 344401	E. MACH. 3705 FRAME 01
DATE 06-02-81	LAST EC 344828
P.No. 8550327	TB151 000



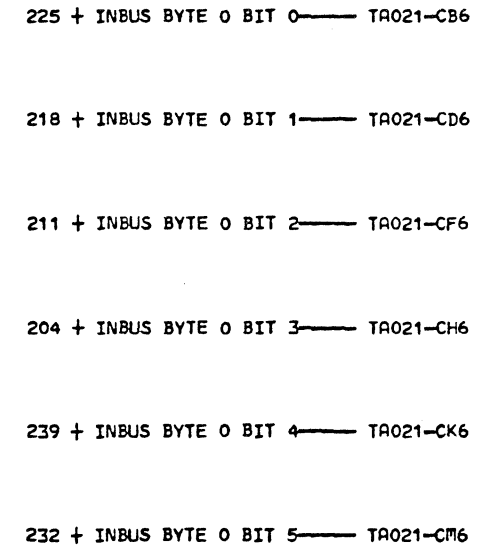
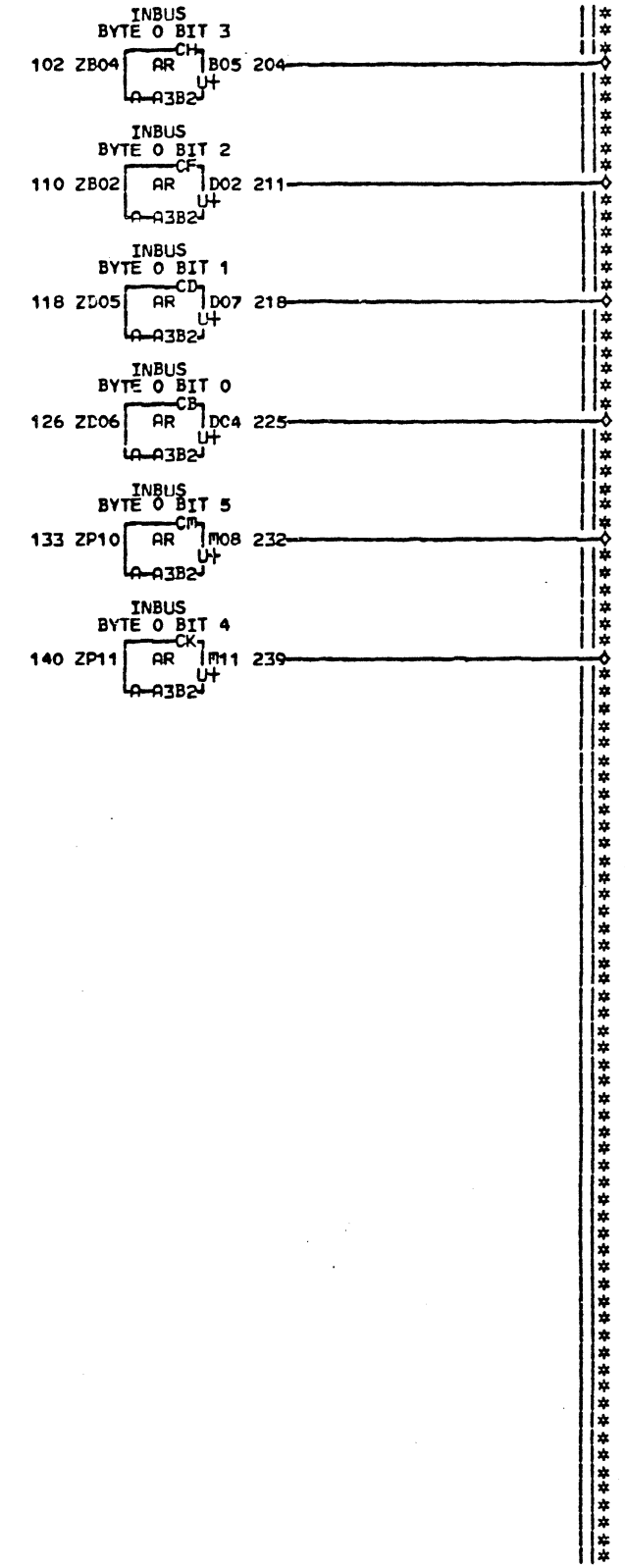
EDGE CONN.
418 A-3A1D13

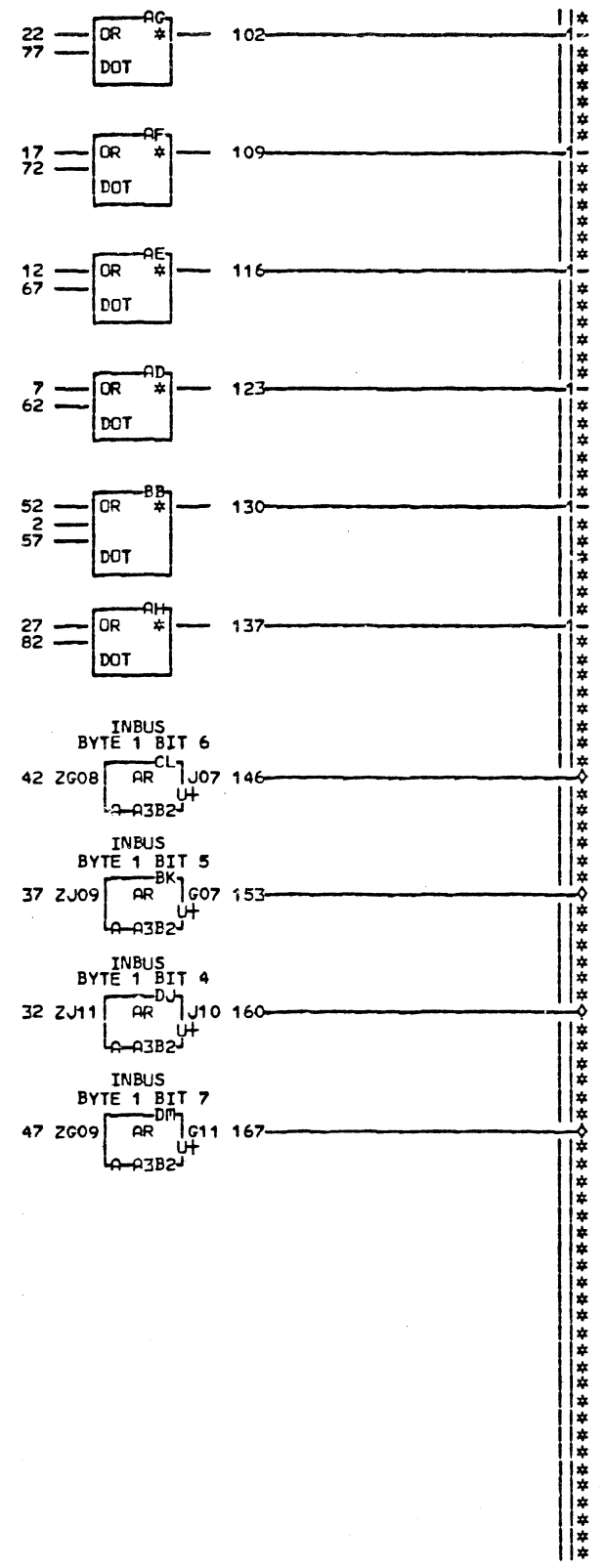
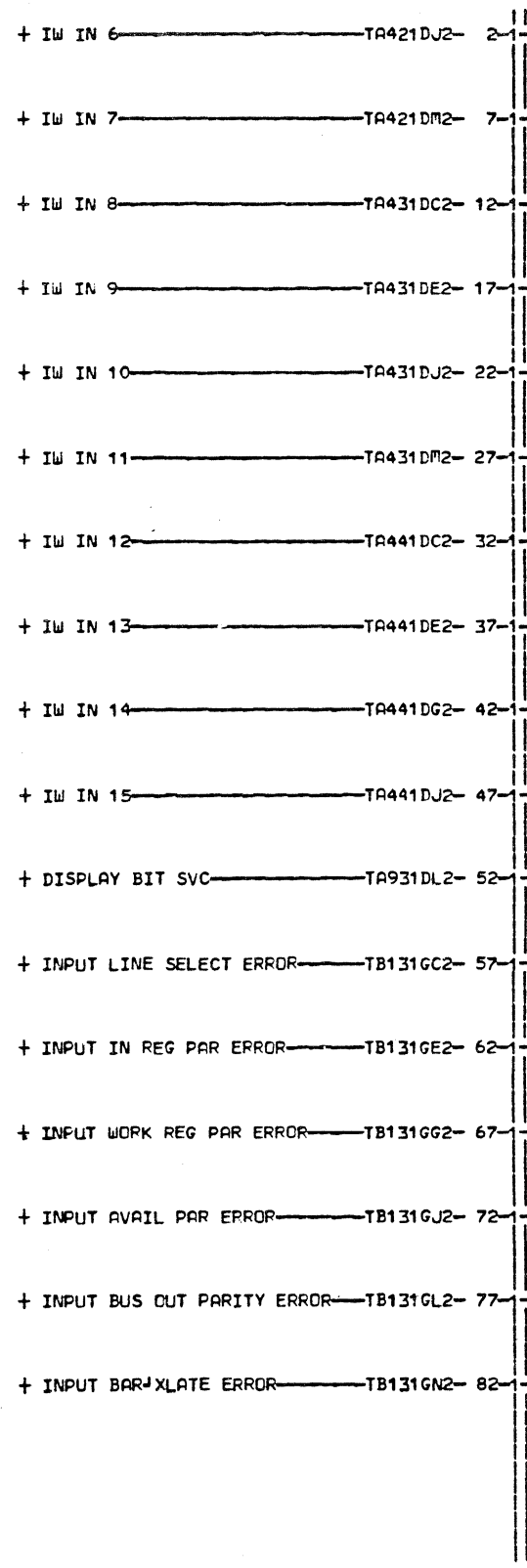
LOC. TYPE
A-3C2 7621

ERROR REG PARITY AND INBUS PARITY BITS	
E.C. HISTORY	E. MACH. 3705
FRAME	01
DATE LAST EC	11-25-80 344401
IBM CORP. SDD	P.No. 8550328
TB161	000

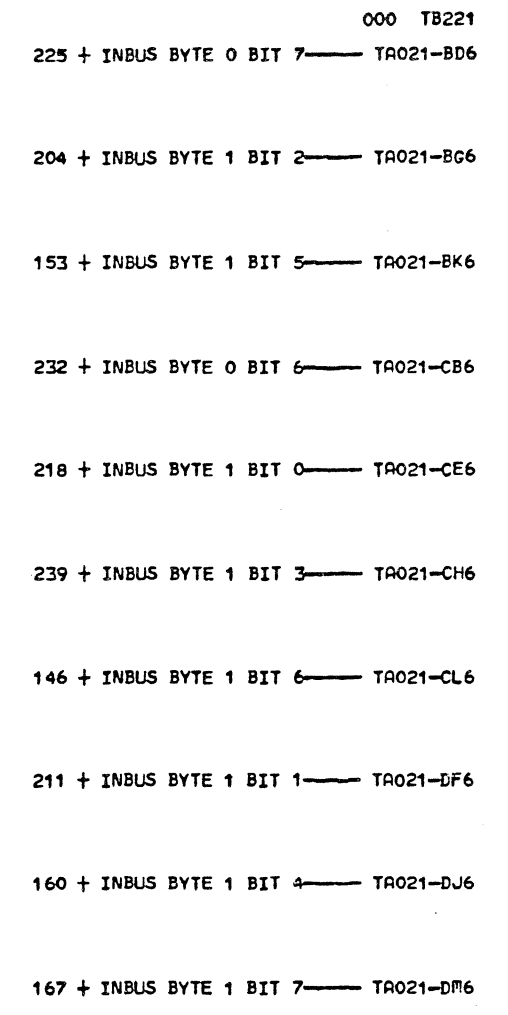
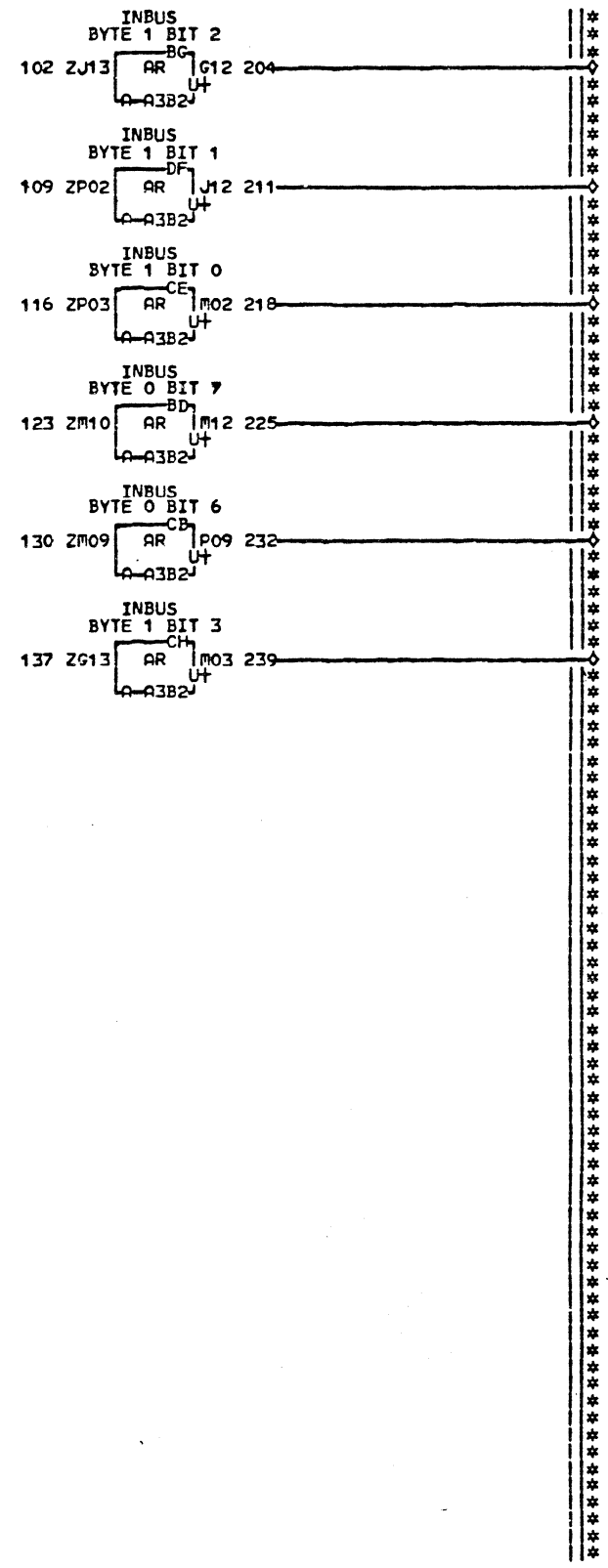


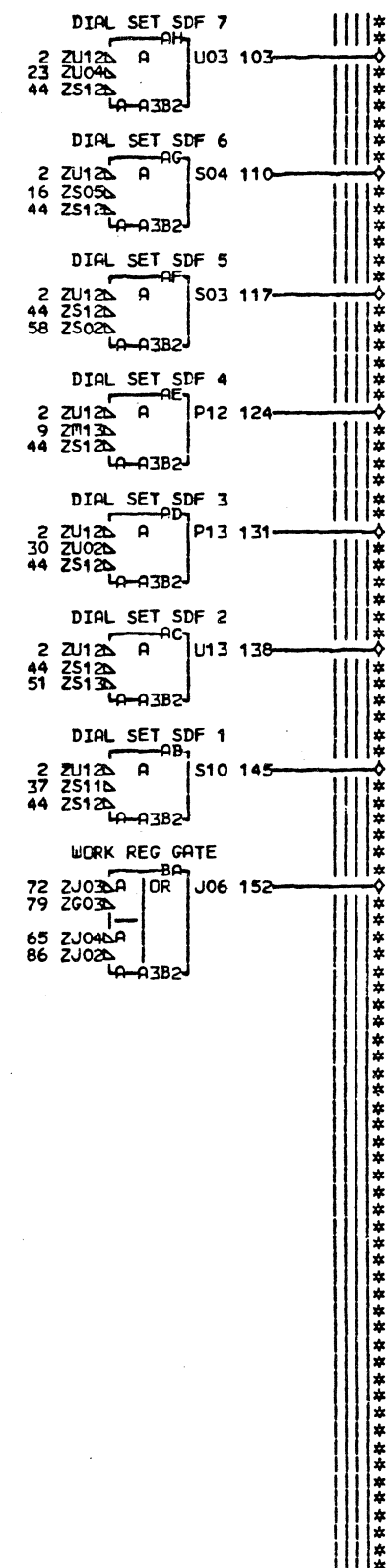
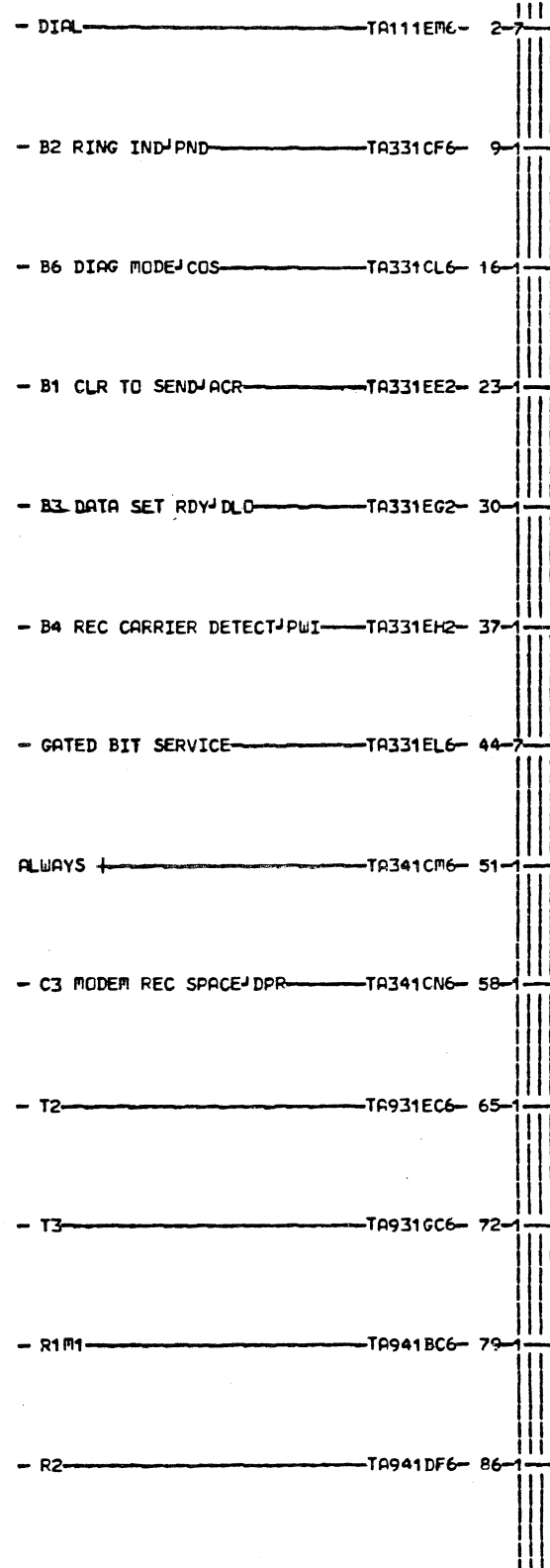
LDC. TYPE
A-A3B2 A888





LOC. TYPE
A-A3B2 AB88

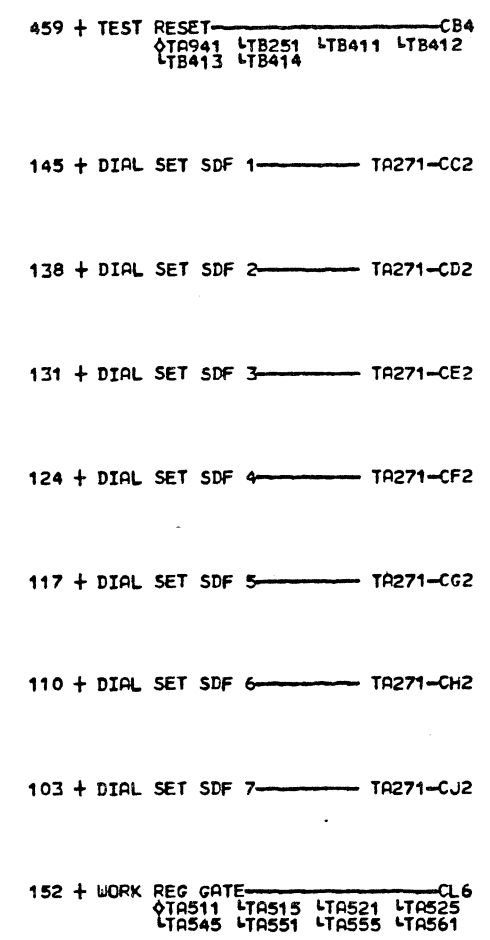
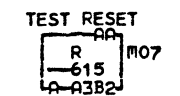




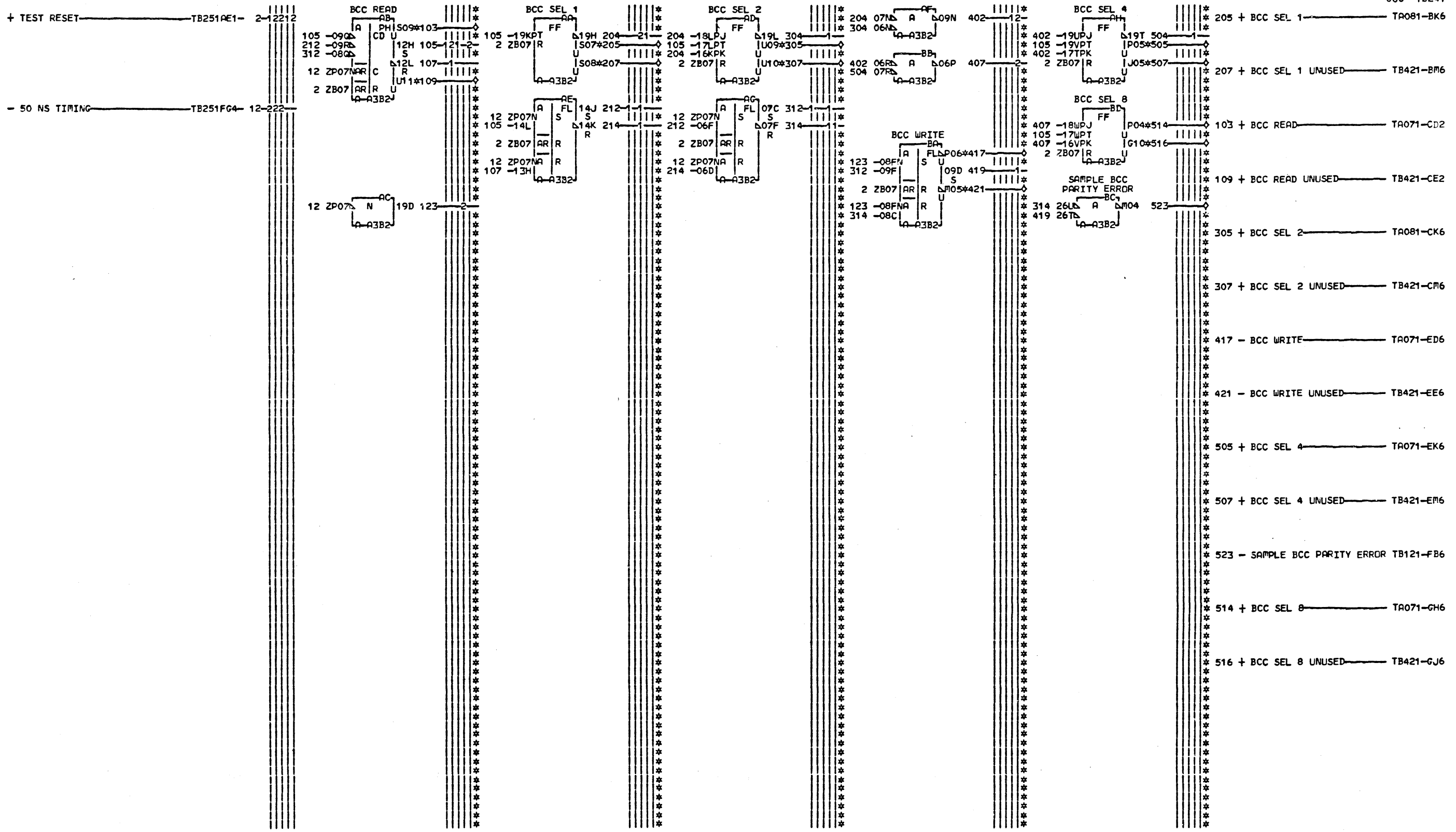
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-BLANK COLUMN-

LOC. TYPE
A-A3B2 AB88



DIAL INPUTS TO SDF AND WORK REG GATE -E.C.-HISTORY-E, MACH.3705		FRAME 01
DATE 11-25-80	LAST EC 344401	IBM CORP.SCD TB231
P.No. 8550331		000



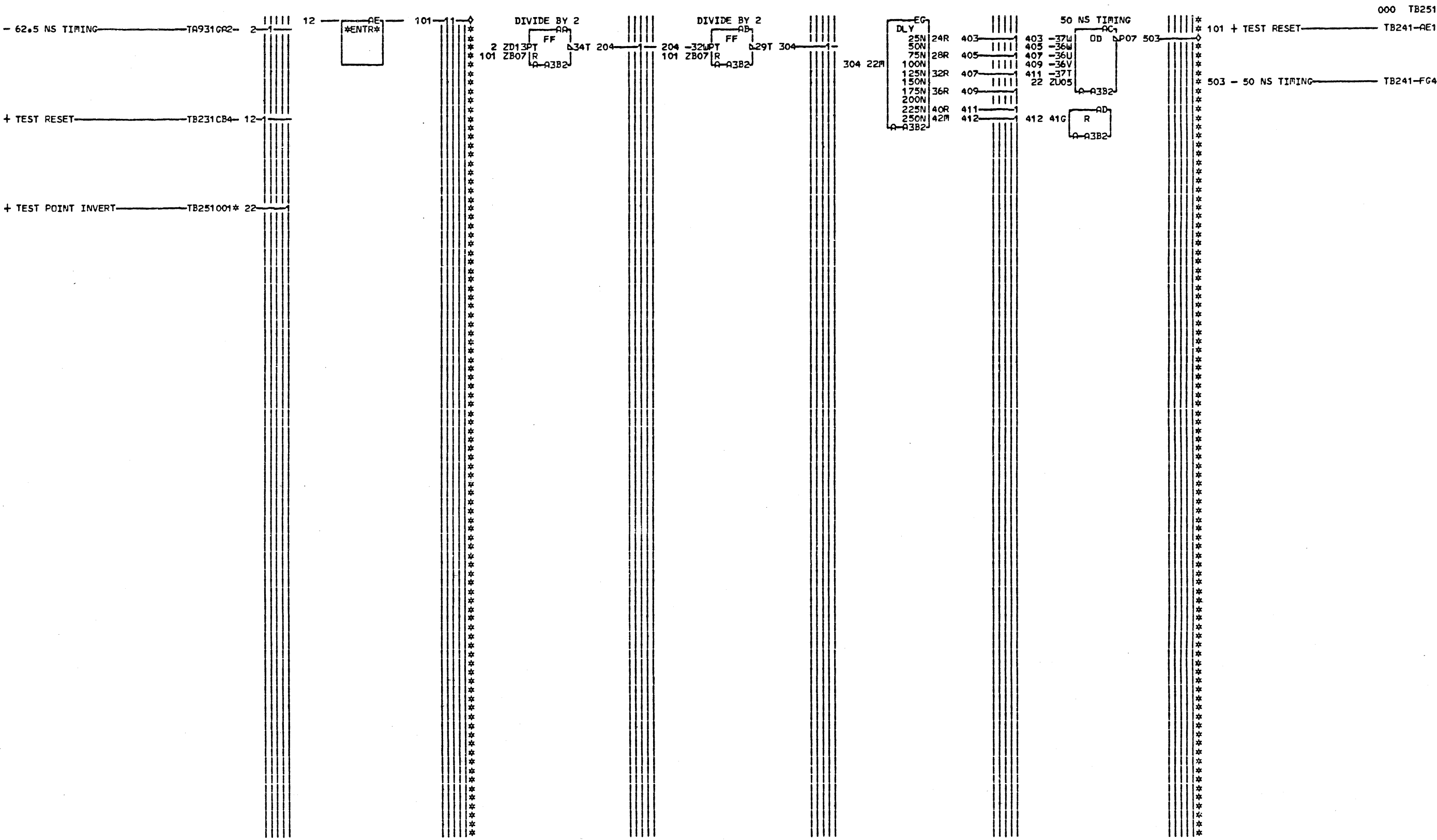
EDGE CONN.

507	A-331E11
103	A-331C11
109	A-331C11
205	A-331D11
207	A-331D11
305	A-331D11
307	A-331D11
417	A-331D11
421	A-331D11
505	A-331E11
514	A-331B11
516	A-331B11

LOC. TYPE
A-332 AB88

TB241
000

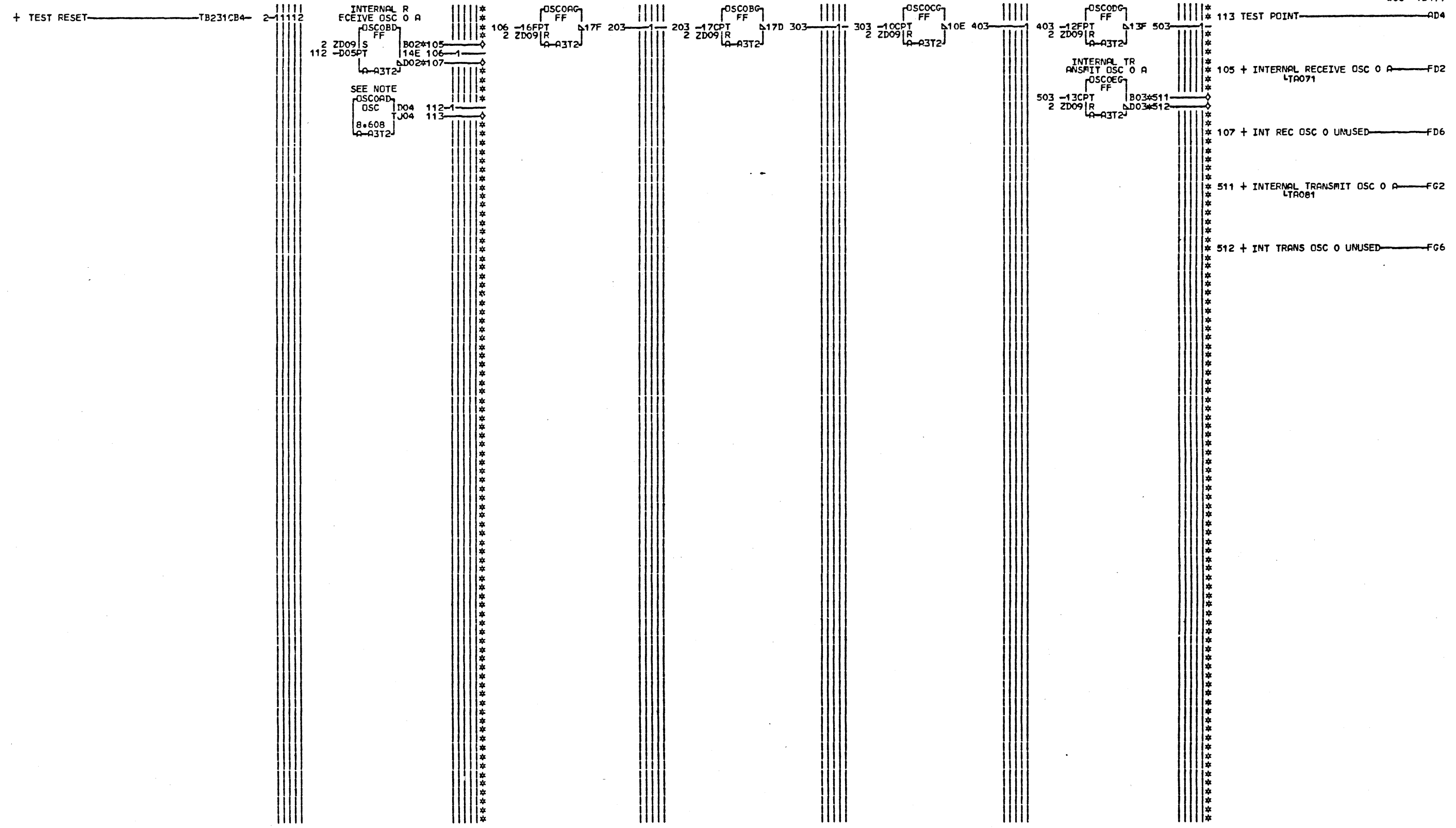
BCC DRIVE	
E.C.-HISTORY	E-MACH.3705
FRAME	01
DATE	LAST EC
11-25-80	344401
P.N.	8550332
000	TB241



000 TB251

TB251
000

CLOCK CONVERTER CIRCUIT			
E.C. HISTORY	E. MACH. 3705	FRAME	01
DATE	LAST EC	IBM CORP. SCD	TB251
11-25-80	344401	P.No. 8550333	000



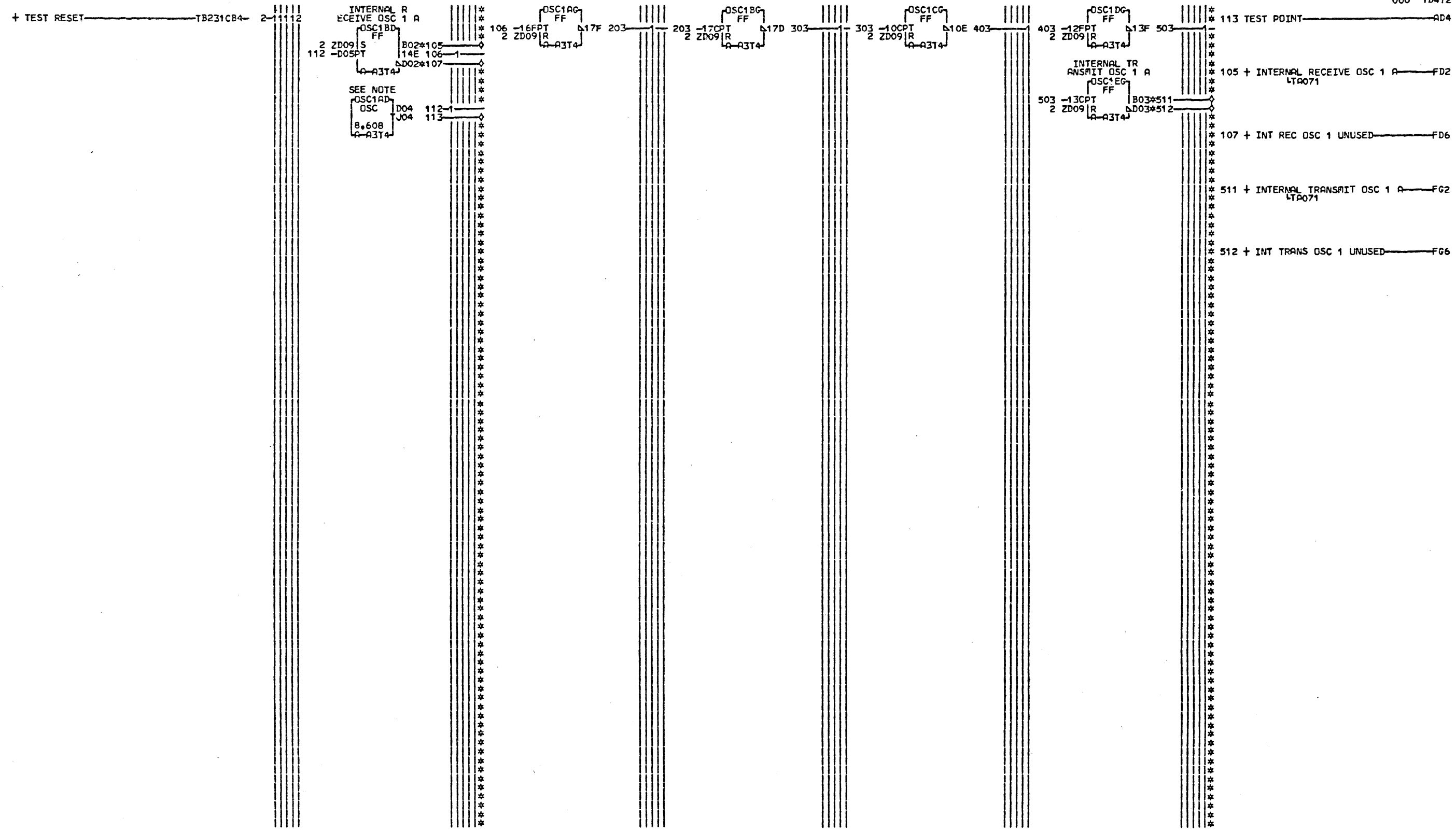
NOTE- BAUD RATE VS CARD P.No.
 50.0-8211481
 110.0-8211466
 134.5-8211467
 200.0-8211465
 300.0-8238657

TB411 LIST CONTINUED ON PAGE TB412.
 OSC 0 IS ANY OSC ASSIGNED.
 000 SOC T2 MUST CONTAIN AN OSC.

EDGE CONN.
 105 P-A3B1E13
 107 P-A3M1E13
 511 P-A3F1B13
 512 P-A3R1B13

LOC. TYPE
 A-A3T2 2935

INTERNAL CLOCK 0	
E.C. HISTORY	E. MACH. 3705
DATE	LAST EC
11-25-80 344401	P.N. 8550334
FRAME 01	IBP CORP. SDD
	TB411
	000

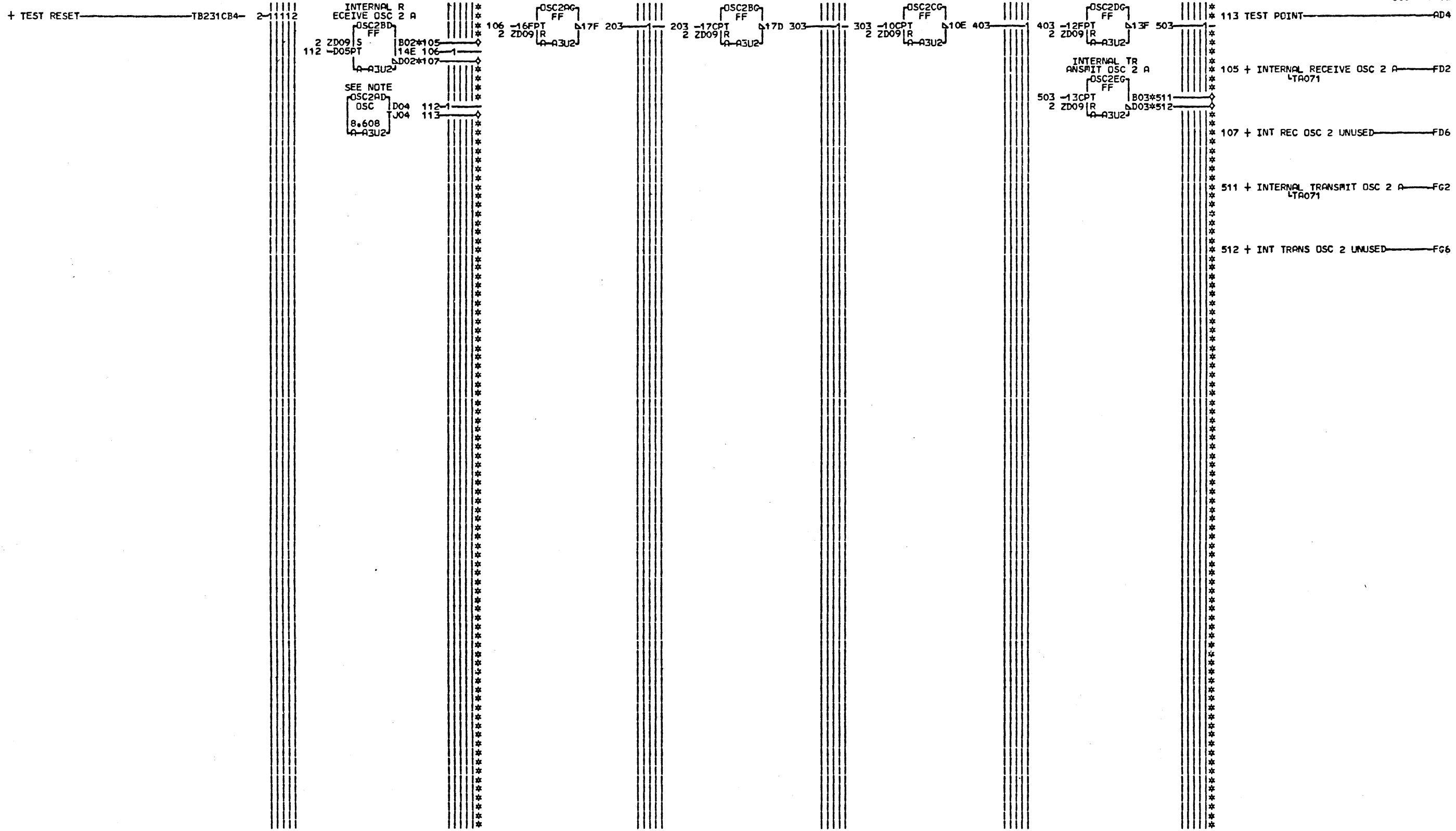


NOTE- BAUD RATE VS CARD P.N.
 LIST CONTINUED FROM PAGE TB411
 600.0-8238658
 1200.0-8238661
 2400.0-8236658

EDGE CONN.
 105 A-A3C1A13
 107 A-A3N1A13
 511 A-A3B1A13
 512 A-A3M1A13

LOC. TYPE
 A-A3T4 2935

INTERNAL CLOCK 1	
E.C. HISTORY	E. MACH. 3705
FRAME	01
DATE	LAST EC
11-25-80	344401
P.N.	8550335
000	TB412



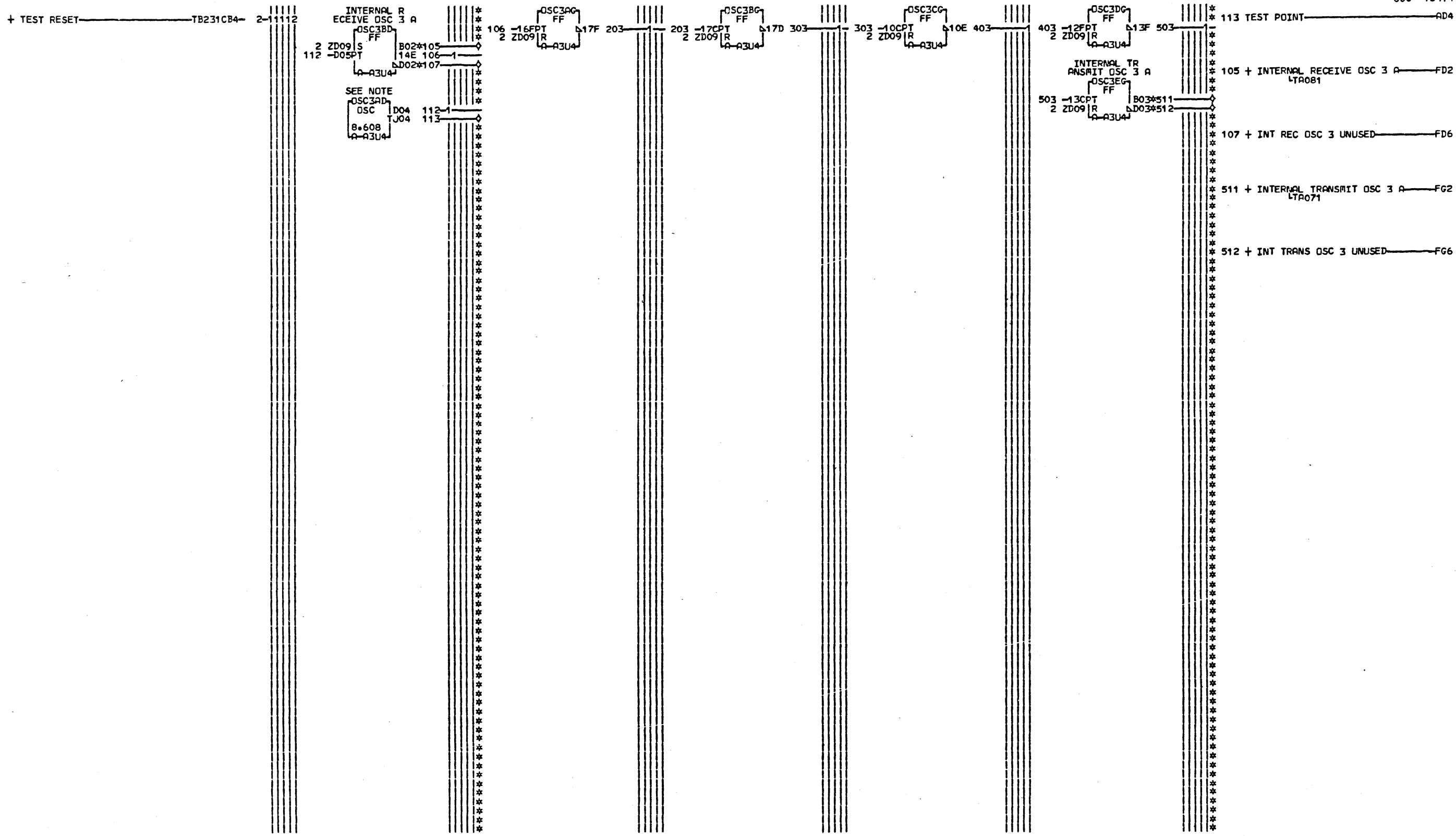
NOTE- SEE TB411 AND
AND TB412 FOR OSC
CARD P/N S.

EDGE CONN.
105 A-A3C1B13
107 A-A3N1B13
511 A-A3B1B13
512 A-A3M1B13

LOC. TYPE
A-A3U2 2935

INTERNAL CLOCK 2	
E.C.-HISTORY	E-MACH#3705
FRAME	01
DATE LAST EC	IBM CORP.SDD TB413
11-25-80 344401	P.N. 8550336 000

TB413
000 OSC 2 IS ANY OSC ASSIGNED.



NOTE- SEE TB411 AND
AND TB412 FOR OSC
CARD P/N S.

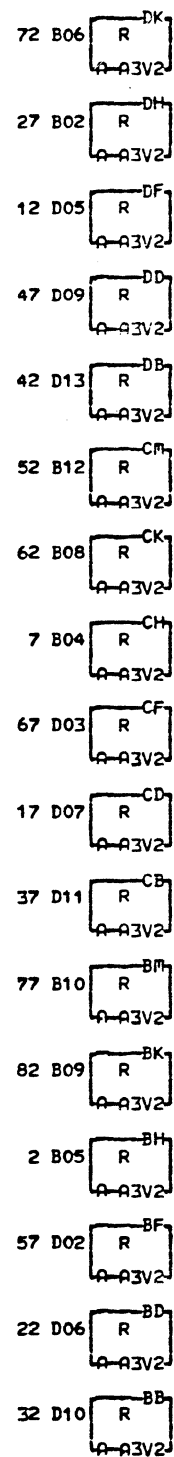
EDGE CONN.
105 A-A3E1A11
107 A-A3Q1A11
511 A-A3B1C13
512 A-A3PHC13

LOC. TYPE
A-A3U4 2935

TB414
000 OSC 3 IS ANY CSC ASSIGNED.

INTERNAL CLOCK 3	
E.C. HISTORY	MACH. 3705
DATE LAST EC	FRAME 01
11-25-80 344401	IBM CORP. SDD TB414
	P.N. 8550337 000

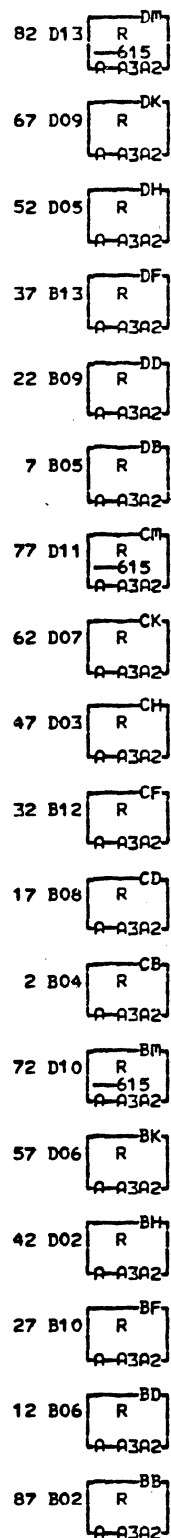
+ CSB CTRL OUT A UNUSED TA321DD2 2
 + CSB CTRL OUT B UNUSED TA321EG2 7
 + CSB CTRL IN A UNUSED TA321EJ2 12
 + CSB CTRL IN C UNUSED TA321EL2 17
 + CSB CTRL IN B UNUSED TA331CC2 22
 + BIT SVC RESET UNUSED TA361CC2 27
 - ADDR SEL 1 UNUSED TA621DC2 32
 - ADDR SEL 2 UNUSED TA621DF2 37
 - ADDR SEL 4 UNUSED TA621DJ2 42
 - ADDR SEL 8 UNUSED TA621DM2 47
 - SEL D UNUSED TA631CF6 52
 + BCC SEL 1 UNUSED TB241BM6 57
 + BCC READ UNUSED TB241CE2 62
 + BCC SEL 2 UNUSED TB241CM6 67
 - BCC WRITE UNUSED TB241EE6 72
 + BCC SEL 4 UNUSED TB241EM6 77
 + BCC SEL 8 UNUSED TB241GJ6 82



LOC. TYPE
 A-A3V2 N885

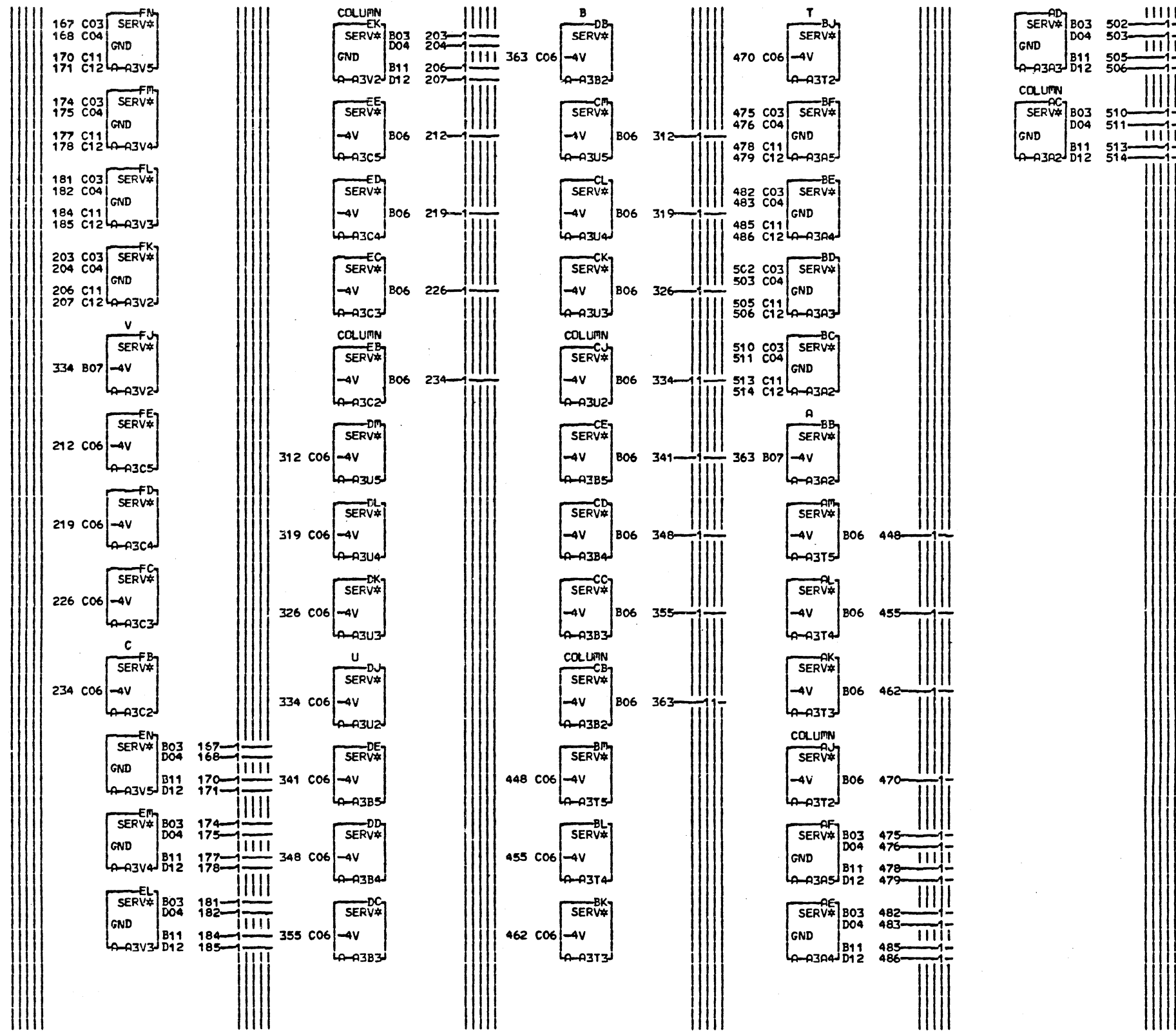
TERMINATION FOR OPEN COLLECTOR DRIVERS	
E.C.-HISTORY	E-MACH.3705
DATE	LAST EC
11-25-80	344401
FRAME	01
IBM CORP.SDD	TB421
P.No. 8550338	000

+ CSB SELECT 0 — TA041BA1- 2-
 + A OR B OR C — TA041BA5- 7-
 + A OR D — TA041BA7- 12-
 + B OR E — TA041BB2- 17-
 + C OR F — TA041BB4- 22-
 + LINE SELECT 8 — TA041BB6- 27-
 + LINE SELECT 4 — TA041BC1- 32-
 + LINE SELECT 2 — TA041BC3- 37-
 + LINE SELECT 1 — TA041BC5- 42-
 + LINEADBUS BIT P — TA041BC7- 47-
 - SYNC CSB CLOCKS — TA041BD2- 52-
 - FETCH BUFFER — TA041BD4- 57-
 + T2 OR T3 TIME — TA041BD6- 62-
 + T3 OR T0 TIME — TA041BE1- 67-
 - PRI 0 AVAIL UNUSED — TA611FF6- 72-
 - PRI 1 AVAIL UNUSED — TA611FG6- 77-
 - PRI 2 AVAIL UNUSED — TA611FH6- 82-
 + NEW CSB SEL BIT 0 — TA911CL2- 87-



LOC: TYPE
 A-A3A2 N884

CSB CABLE 7 TERMINATOR	
E.C. HISTORY	E. MACH. 3705
DATE	FRAME 01
LAST EC	IBN CORP. SDD
11-25-80 344401	P.N. 8550339
	TB431 000



LOC. TYPE

SERVICE WIRING MAXI CSB	
BOARD A3	
E.C. HISTORY	
E. MACH. 3705	
FRAME	01
IBM CORP. SDD	TB501
DATE LAST EC	11-25-80 344401
P.N.	8550340
000	