VOLUME 008 MACHINE 3705- -0015984 MODEL E08 SYSTEM 0004XBW MODE BOX SHIP 82/12/30

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
VB020		LOGIC L.I.B. TYPE 1	0001785512	309540	.W. 0005997507
VB021		LOGIC L.I.B. TYPE 1	0001785513	309540	.W. 0005997507
VB022		LOGIC L.I.B. TYPE 1	0001785514	311286	.W. 0005997507
VB023		LOGIC L.I.B. TYPE 1	0001785515	311286	.W. 0005997507
VB024		LOGIC L.I.B. TYPE 1	0001785516	309520	.W. 0005997507
VB025		LOGIC L.I.B. TYPE 1	0001785517	309520	.W. 0005997507
VB026		LOGIC L.I.B. TYPE 1	0001785518	309540	.W. 0005997507
VB027		LOGIC L.I.B. TYPE 1	0001785519	309540	.W. 0005997507
VB028		LOGIC L.I.B. TYPE 1	0001785520	309520	.W. 0005997507
VB029		LOGIC L.I.B. TYPE 1	0001785521	309540	.W. 0005997507
VB030		LOGIC L.I.B. TYPE 1	0001785522	309520	.W. 0005997507
VB060		LOGIC L.I.B. TYPE 1	0001785523	322670	.W. 0005997507
VB061		LOGIC L.I.B. TYPE 1	0001785524	322670	.W. 0005997507
VB062		LOGIC L.I.B. TYPE 1	0001785525	322670	.W. 0005997507
VB063		LOGIC L.I.B. TYPE 1	0001785526	322670	.W. 0005997507
VB064		LOGIC L.I.B. TYPE 1	0001785527	322670	.W. 0005997507
VB065		LOGIC L.I.B. TYPE 1	0001785528	322670	.W. 0005997507
VB066		LOGIC L.I.B. TYPE 1	0001785529	322670	.W. 0005997507
VB067		LOGIC L.I.B. TYPE 1	0001785530	322670	.W. 0005997507
VB069		LOGIC L.I.B. TYPE 1	0001785531	322670	.W. 0005997507
VB070		LOGIC L.I.B. TYPE 1	0001785532	322670	.W. 0005997507
VB071		LOGIC L.I.B. TYPE 1	0001785533	322670	.W. 0005997507
VB072		LOGIC L.I.B. TYPE 1	0001785534	322670	.W. 0005997507
VB073		LOGIC L.I.B. TYPE 1	0001785535	322670	.W. 0005997507
VB074		LOGIC L.I.B. TYPE 1	0001785536	322670	.W. 0005997507
VB075		LOGIC L.I.B. TYPE 1	0001785537	322670	.W. 0005997507
VB080		LOGIC L.I.B. TYPE 1	0001785538	309520	.W. 0005997507
VB081		LOGIC L.I.B. TYPE 1	0001785539	309520	.W. 0005997507
VB082		LOGIC L.I.B. TYPE 1	0001785540	309540	.W. 0005997507
VB083		LOGIC L.I.B. TYPE 1	0001785541	309520	.W. 0005997507
VB084		LOGIC L.I.B. TYPE 1	0001785542	309520	.W. 0005997507
VB085		LOGIC L.I.B. TYPE 1	0001785543	309520	.W. 0005997507
VB086		LOGIC L.I.B. TYPE 1	0001785544	309520	.W. 0005997507
VB087		LOGIC L.I.B. TYPE 1	0001785545	309520	.W. 0005997507
VB088		LOGIC L.I.B. TYPE 1	0001785546	309520	.W. 0005997507
VB089		LOGIC L.I.B. TYPE 1	0001785547	309520	.W. 0005997507
VB100		LOGIC L.I.B. TYPE 1	0001785548	309520	.W. 0005997507
VB101		LOGIC L.I.B. TYPE 1	0001785549	309520	.W. 0005997507
VB102		LOGIC L.I.B. TYPE 1	0001785550	309540	.W. 0005997507
VB103		LOGIC L.I.B. TYPE 1	0001785551	309540	.W. 0005997507
VB104		LOGIC L.I.B. TYPE 1	0001785552	309520	.W. 0005997507
VB105		LOGIC L.I.B. TYPE 1	0001785553	309520	.W. 0005997507

VOLUME 008 MACHINE 3705- -0015984 MODEL E08 SYSTEM 0004XBW MODE BOX SHIP 82/12/30

LOGIC TYPE -0- SYSTEMS DIAGRAMS

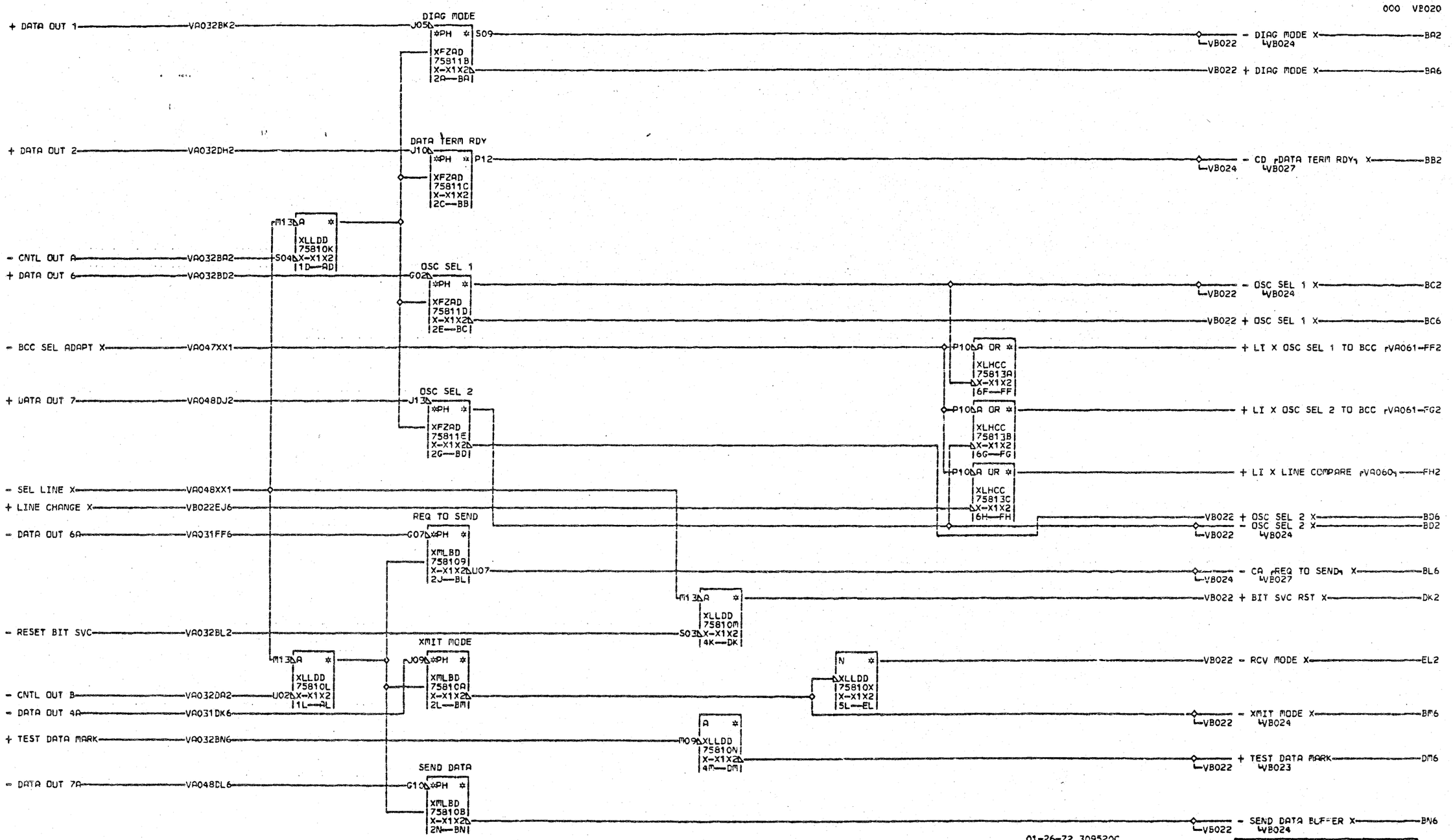
PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
VB106		LOGIC L.I.B. TYPE 1	0001785554	309520	.W. 0005997507
VB107		LOGIC L.I.B. TYPE 1	0001785555	309520	.W. 0005997507
VB108		LOGIC L.I.B. TYPE 1	0001785556	309520	.W. 0005997507
VB109		LOGIC L.I.B. TYPE 1	0001785557	309520	.W. 0005997507
VB110		LOGIC L.I.B. TYPE 1	0001785558	309520	.W. 0005997507
VB121		LOGIC L.I.B. TYPE 1	0001785980	309543	.W. 0005997507
VB122		LOGIC L.I.B. TYPE 1	0001785981	309543	.W. 0005997507
VB123		LOGIC L.I.B. TYPE 1	0001785982	309543	.W. 0005997507
VB124		LOGIC L.I.B. TYPE 1	0001785983	309543	.W. 0005997507
VB125		LOGIC L.I.B. TYPE 1	0001785984	309953	.W. 0005997507
VB126		LOGIC L.I.B. TYPE 1	0001785985	309953	.W. 0005997507
VB127		LOGIC L.I.B. TYPE 1	0001785986	309543	.W. 0005997507
VB128		LOGIC L.I.B. TYPE 1	0001785987	309953	.W. 0005997507
VB129		LOGIC L.I.B. TYPE 1	0001785988	309543	.W. 0005997507
VB130		LOGIC L.I.B. TYPE 1	0001785989	309953	.W. 0005997507
VB140		LOGIC L.I.B. TYPE 1	0001856430	309546	.W. 0005997507
VB141		LOGIC L.I.B. TYPE 1	0001856431	309546	.W. 0005997507
VB142		LOGIC L.I.B. TYPE 1	0001856432	309546	.W. 0005997507
VB143		LOGIC L.I.B. TYPE 1	0001856433	311266	.W. 0005997507
VB144		LOGIC L.I.B. TYPE 1	0001856434	309546	.W. 0005997507
VB146		LOGIC L.I.B. TYPE 1	0001856435	309546	.W. 0005997507
VB147		LOGIC L.I.B. TYPE 1	0001856436	309546	.W. 0005997507
VB148		LOGIC L.I.B. TYPE 1	0001856437	309546	.W. 0005997507
VB150		LOGIC L.I.B. TYPE 1	0001749539	318570	.W. 0005997507
VB151		LOGIC L.I.B. TYPE 1	0001749540	318570	.W. 0005997507
VB152		LOGIC L.I.B. TYPE 1	0001749541	318570	.W. 0005997507
VB153		LOGIC L.I.B. TYPE 1	0001749542	318570	.W. 0005997507
VB154		LOGIC L.I.B. TYPE 1	0001749543	318570	.W. 0005997507
VB156		LOGIC L.I.B. TYPE 1	0001749544	318570	.W. 0005997507
VB157		LOGIC L.I.B. TYPE 1	0001749545	318570	.W. 0005997507
VB158		LOGIC L.I.B. TYPE 1	0001749546	318570	.W. 0005997507
VB160		LOGIC L.I.B. TYPE 1	0008549001	321391	.W. 0005997507
VB161		LOGIC L.I.B. TYPE 1	0008549002	321391	.W. 0005997507
VB162		LOGIC L.I.B. TYPE 1	0008549003	321391	.W. 0005997507
VB163		LOGIC L.I.B. TYPE 1	0008549004	321391	.W. 0005997507
VB164		LOGIC L.I.B. TYPE 1	0008549005	321391	.W. 0005997507
VB165		LOGIC L.I.B. TYPE 1	0008549006	321391	.W. 0005997507
VB166		LOGIC L.I.B. TYPE 1	0008549007	321391	.W. 0005997507
VB167		LOGIC L.I.B. TYPE 1	0008549008	321391	.W. 0005997507
VB168		LOGIC L.I.B. TYPE 1	0008549009	321391	.W. 0005997507
VB169		LOGIC L.I.B. TYPE 1	0008549010	321391	.W. 0005997507
VB170		LOGIC L.I.B. TYPE 1	0008549011	321391	.W. 0005997507

VOLUME 008 MACHINE 3705- -0015984 MODEL E08 SYSTEM 0004XBW MODE BOX SHIP 82/12/30

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
VB200		LOGIC L.I.B. TYPE 1	0001754230	321371	.W. 0005997507
VB201		LOGIC L.I.B. TYPE 1	0001754231	321371	.W. 0005997507
VB210		LOGIC L.I.B. TYPE 1	0001754232	321371	.W. 0005997507
VB211		LOGIC L.I.B. TYPE 1	0001754233	321371	.W. 0005997507
VB220		LOGIC L.I.B TYPE 1	0001754234	344292	.W. 0005997507
VB221		LOGIC L.I.B TYPE 1	0001754235	344292	.W. 0005997507
VB222		LOGIC L.I.B TYPE 1	0001754236	344292	.W. 0005997507
VB223		LOGIC L.I.B. TYPE 1	0001754237	344292	.W. 0005997507
VB224		LOGIC L.I.B. TYPE 1	0001754238	321371	.W. 0005997507
VB225		LOGIC L.I.B. TYPE 1	0001754239	321371	.W. 0005997507
VB226		LOGIC L.I.B. TYPE 1	0001754240	316650	.W. 0005997507
VB227		LOGIC L.I.B. TYPE 1	0001754241	316650	.W. 0005997507

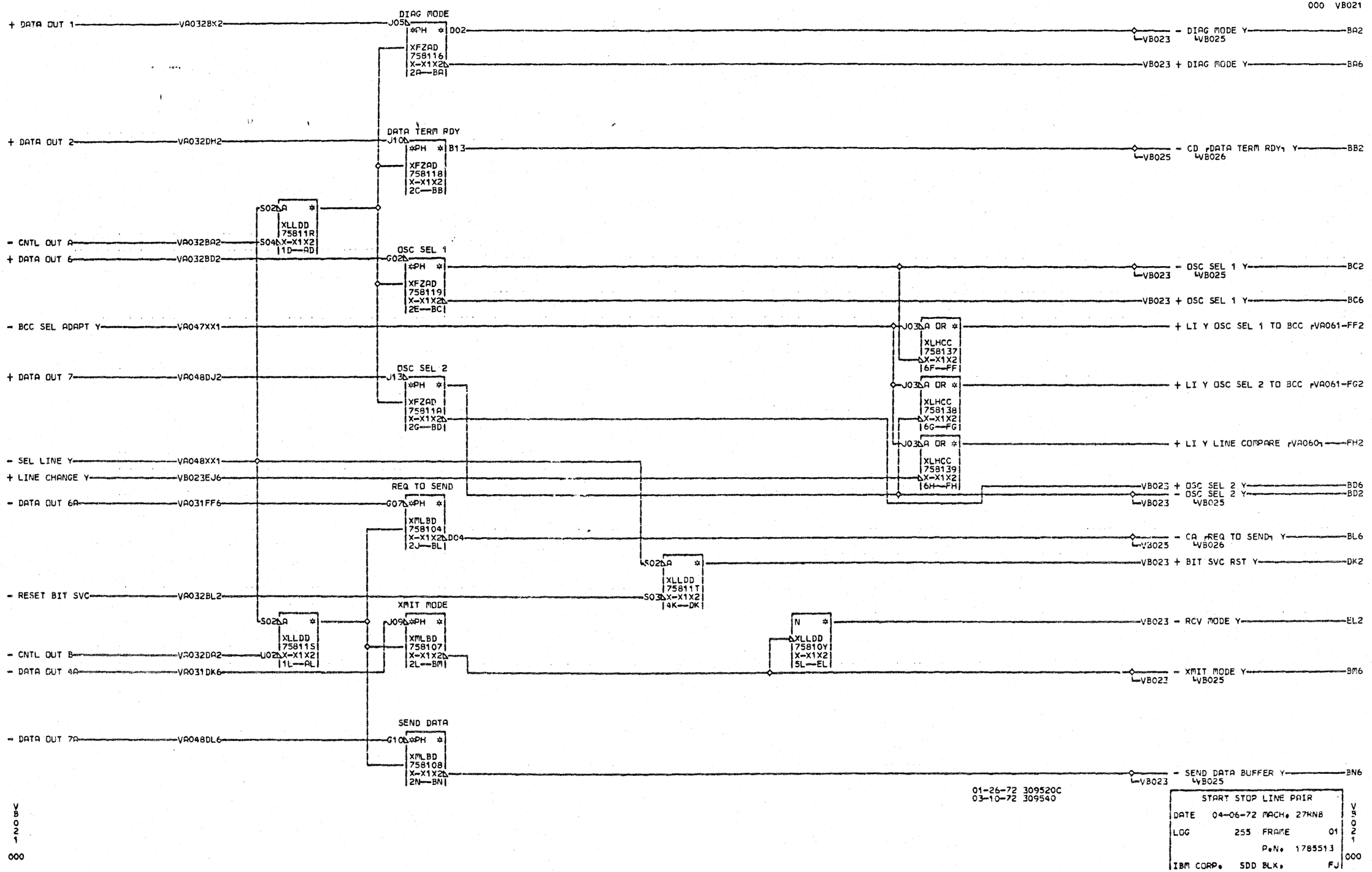
TOTAL PART NUMBERS THIS VOLUME 96



01-26-72 309520C
03-10-72 309540

START STOP LINE PAIR	
DATE 04-06-72 MACH. 27RNB	VB020
LOG 255 FRAME 01	
P.N. 1785512	000
IBM CORP. SDD BLK. FJ	

VB020
000

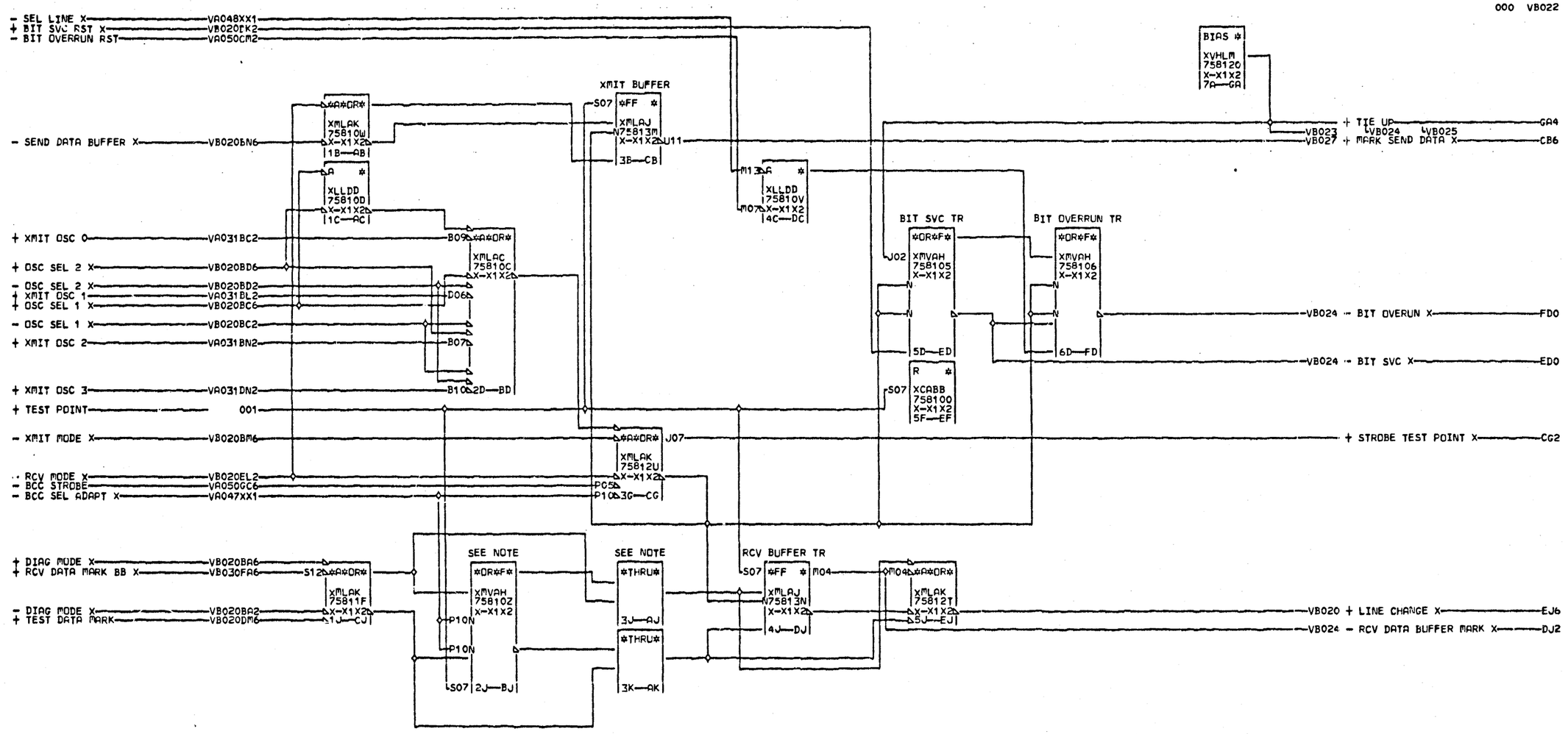


01-26-72 309520C
03-10-72 309540

START STOP LINE PAIR			
DATE	04-06-72	MACH. 27KNB	
LOG	255	FRAME	01
		P.N.	1785513
IBM CORP.	SDD BLK.		FJ

VB021 000

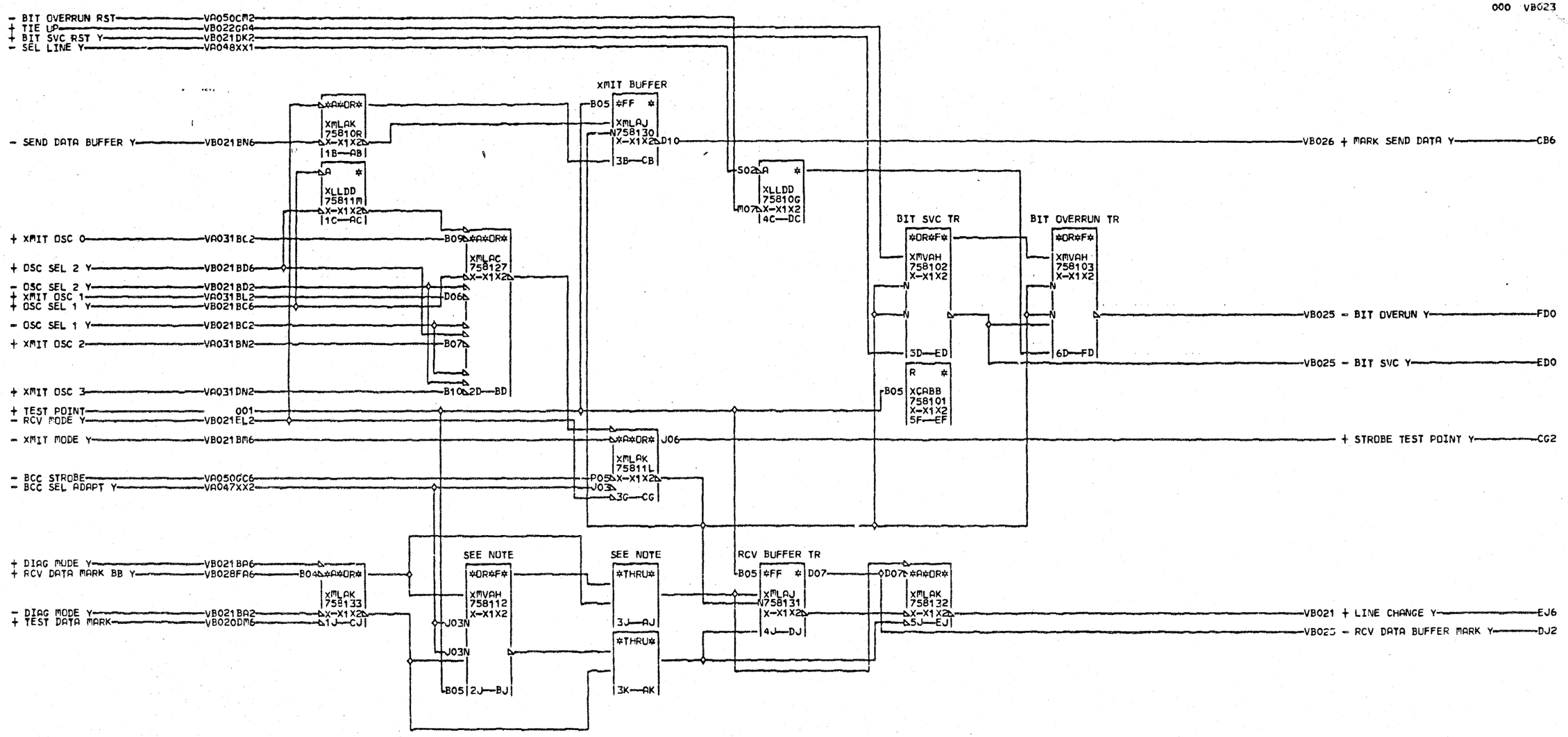
VB021 000



NOTE
CARD PN 8211458 INSTALLED
V BLOCK BJ NOT PRESENT
B THRU BLOCKS◊BOTTOM INPUT TO
0 OUTPUT CONNECTED◊TOP OPEN
2 CARD PN 8238677 INSTALLED
2 BLOCK BJ PRESENT
THRU BLOCKS◊TOP INPUT TO
000 OUTPUT CONNECTED◊BOTTOM OPEN

01-26-72 309520C
03-10-72 309540
11-11-74 311286

START STOP LINE PAIR				
DATE	11-22-74	MACH. 27RNB		VB022
LOG	400	FRAME	01	
		P.N.	1785514	
IBM CORP.	SDD	BLK.	GB	000



NOTE
SEE NOTE PAGE VB022

V B 0 2 3 000

01-26-72 309520C
03-10-72 309540
11-11-74 311286

START STOP LINE PAIR				
DATE	11-22-74	MACH. 27RNB		V B 0 2 3
LOG	400	FRAME	01	
		P.N.	1785515	000
IBM CORP.	SDD BLK.		FE	

000 VB024

- CLR TO SEND CB X — VB030FC6
- SEL LINE X — VA048XX1
- CNTL IN A — VA032DN2
- DATA SET RDY CC X — VB030FE6
+ RCV DATA MARK BB X — VB030FA6
- CNTL IN B — VA031BA2
- DIAG MODE X — VB020BA2
- RCV SIG DETECTOR CF X — VB030FJ6
- XMIT MODE X — VB020BM6
- CNTL IN C — VA031DA2
- OSC SEL 1 X — VB020BC2
- CA ¬REQ TO SEND¬ X — VB020BL6
- BIT OVERUN X — VB022FD0
+ DATA IN 4A — VB025CE2
+ DATA IN 7A — VB025CK2
+ DATA IN 1A — VB025EA4
+ DATA IN 2A — VB025CM2
+ DATA IN 6A — VB025CG2
+ DATA IN 5A — VB025CN2
+ DATA IN 3A — VB025CC2
- SEND DATA BUFFER X — VB020BN6
- BIT SVC X — VB022ED0
- OSC SEL 2 X — VB020BD2
- CD ¬DATA TERM RDY¬ X — VB020BB2
+ TIE UP — VB022GA4
- RCV DATA BUFFER MARK X — VB022DJ2

M13 A — XLLDD 75810E — M11 X-X1X2 1B—AB
M13 A — XLLDD 75810F — M08 X-X1X2 1D—AD
M13 A — XLLDD 75810J — M12 X-X1X2 1F—AF

*A*OR* XMLAK 75812N — J11 X-X1X2 3A—CA
P13 *A*OR* XMLAK 75812P — S12 X-X1X2 3C—CC
U04 *A*OR* XMLAK 75812Q X-X1X2 3E—CE
*A*OR* XMLAB 75812R X-X1X2 3G—CG
*A*OR* XMLAB 75812S X-X1X2 3K—CK
*A*OR* XMLAK 75812C X-X1X2 3M—CM
A * XLLDD 75812K X-X1X2 3N—CN

A OR * XLHCC 758136 X-X1X2 4F—DF

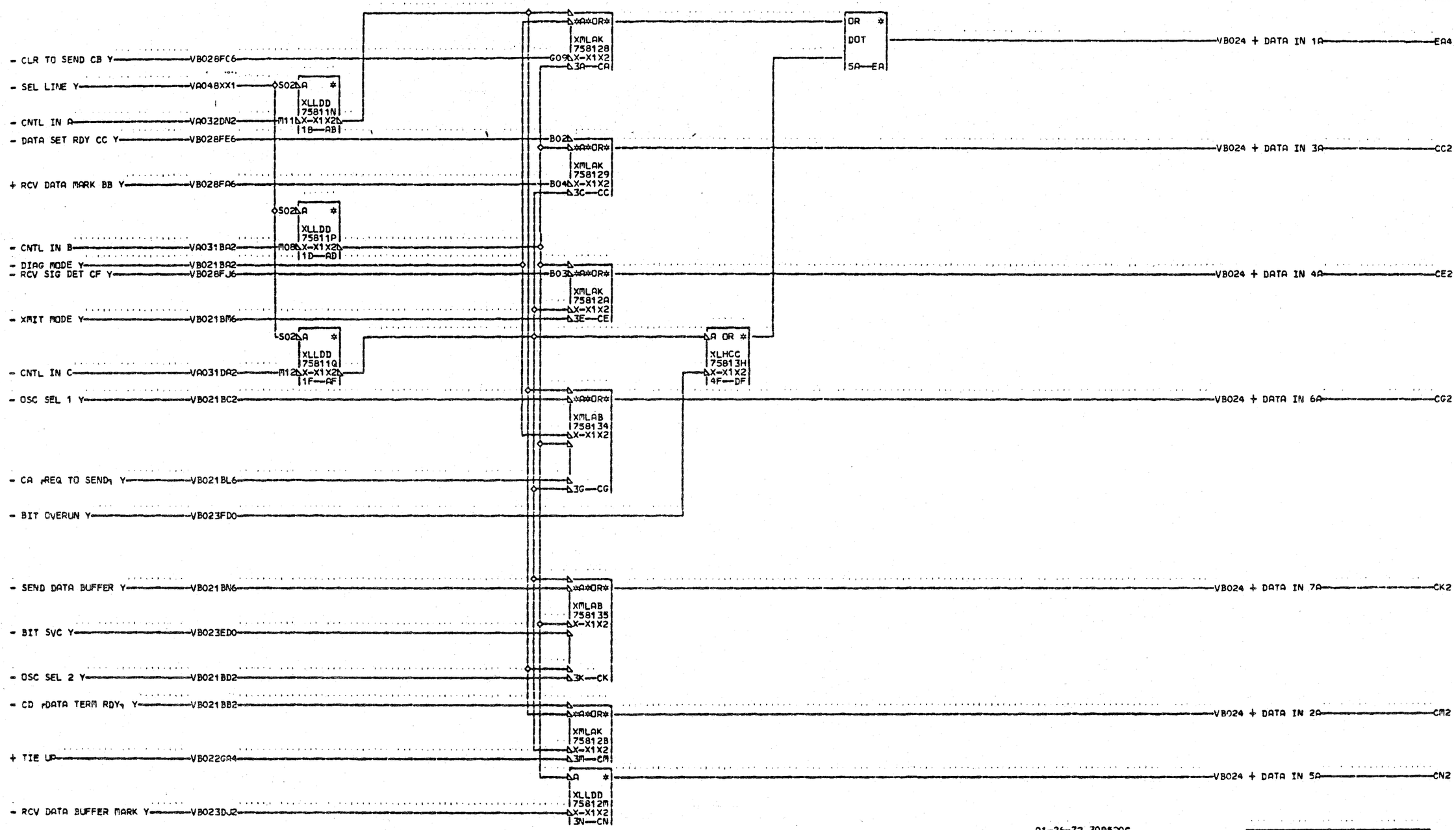
OR * DOT 5A—EA

OR * XLHCC 75810H X-X1X2 6A—FA U09 — + DATA IN 1 ¬VA062¬ — FA6
OR * XLHCC 75810S X-X1X2 6C—FC S10 — + DATA IN 3 ¬VA062¬ — FC6
OR * XLHCC 75810T X-X1X2 6E—FE S13 — + DATA IN 4 ¬VA062¬ — FE6
OR * XLHCC 75810U X-X1X2 6G—FG U12 — + DATA IN 6 ¬VA031¬ — FG6
OR * XLHCC 75811V X-X1X2 6K—FK S11 — + DATA IN 7 ¬VA031¬ — FK6
OR * XLHCC 75810P X-X1X2 6M—FM U10 — + DATA IN 2 ¬VA062¬ — FM6
OR * XLHCC 75810Q X-X1X2 6N—FN U13 — + DATA IN 5 ¬VA062¬ — FN6

01-26-72 309520C

START STOP LINE PAIR				
DATE	01-26-72	MACH.	27RNB	
LOG	600	FRAME	01	
		P.N.	1785516	
IBM CORP.	SDD BLK.		FP	

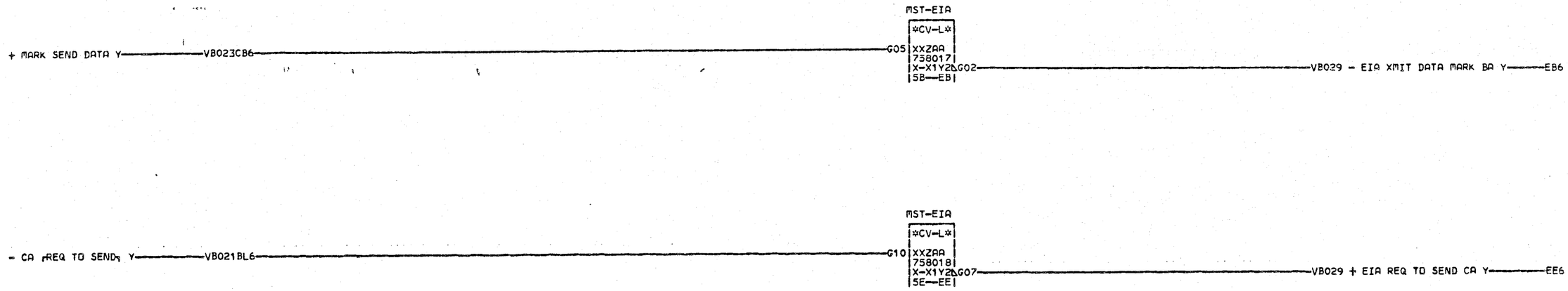
VB024 000

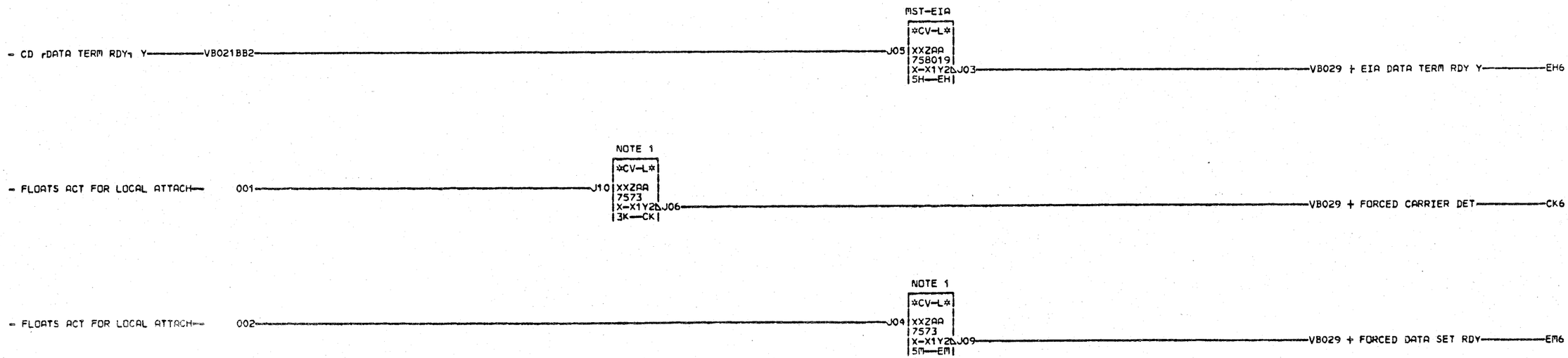


01-26-72 309520C

START STOP LINE PAIR				
DATE	01-26-72	MACH. 27RNB		VB025
LOG	600	FRAME	01	
		P.N. 1785517		000
IBM CORP.	SDD BLK.		EB	

VB025
000



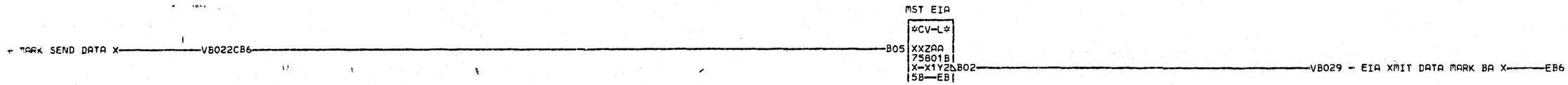


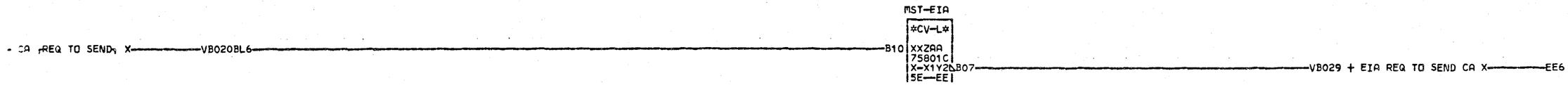
* NOTE 1 FOR LINE SET TYPE 1C
* START STOP LOCAL CARD
* 8211450 IS USED INSTEAD
* OF 8218947

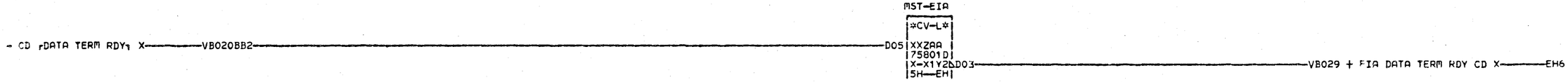
VB026
000

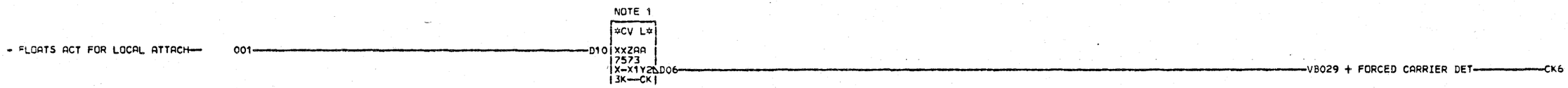
01-26-72 309520C
03-10-72 309540

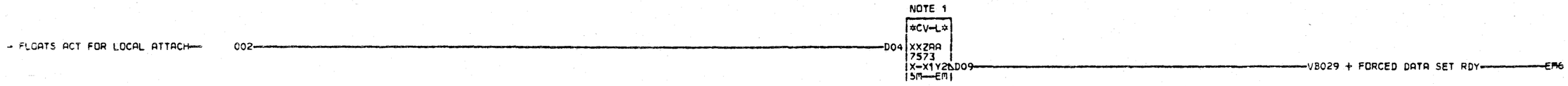
START STOP LINE PAIR EIA DRIVERS	VB026
DATE 04-06-72 MACH. 27RNB	
LOG 255 FRAME 01	
P.N. 1785518	000
IBM CORP. SDD BLK. EN	











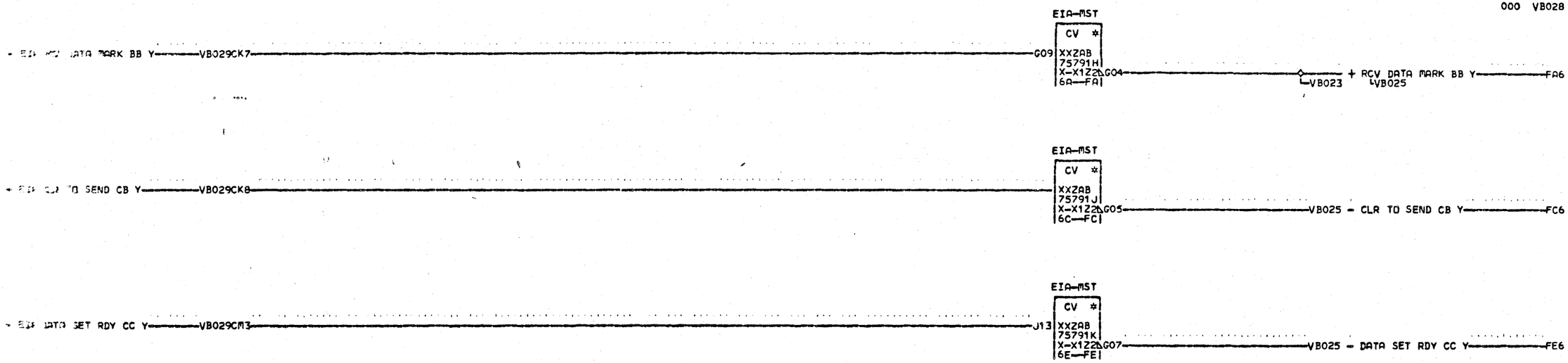
* NOTE 1 FOR LINE SET TYPE 1C
* START STOP LOCAL CARD
* 8211450 IS USED INSTEAD
* OF 8218947

000

01-26-72 309520C
03-15-72 309540

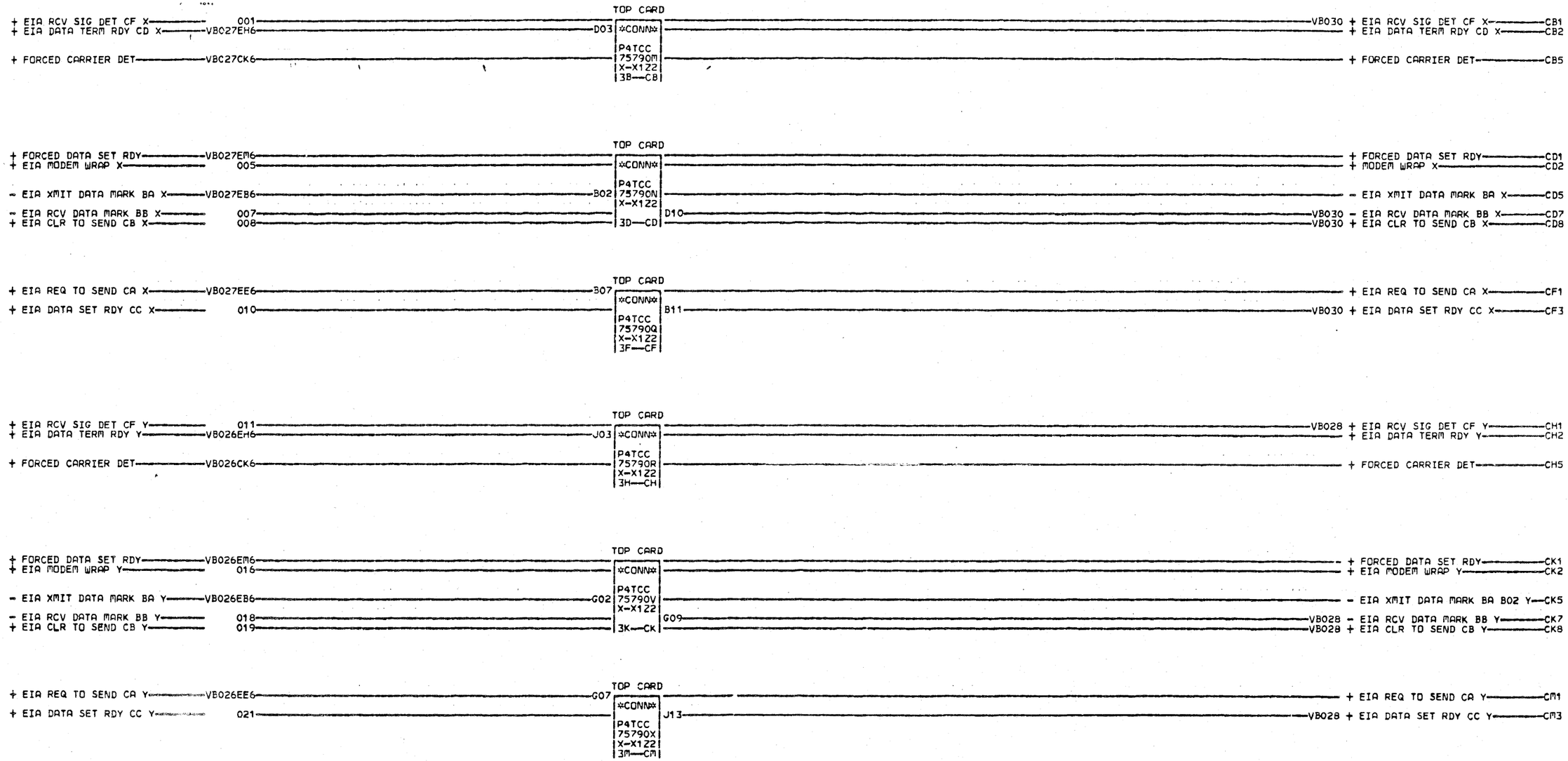
START STOP LINE PAIR EIA DRIVERS	
DATE 04-06-72 MACH. 27RNB	
LOG 023 FRAME 01	
P.No. 1785519	
IBM CORP. SDD BLK. EN	

V 3 0 2 7 000



01-26-72 309520C

START STOP EIA TERMINATOR					
DATE	01-26-72	MACH. 27RNB			VB028
LOG	600	FRAME	01		
		P.N.	1785520		000
IBM CORP.	SDD	BLK.		FN	

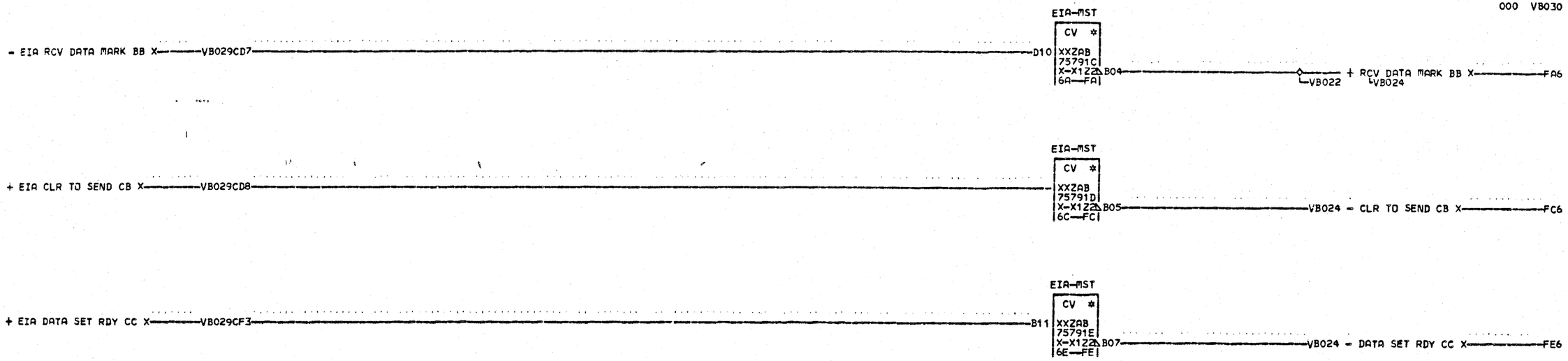


01-26-72 309520C
03-10-72 309540

START STOP EIA TERMINATOR			
DATE 04-06-72 MACH. 27RNB			
LOG 255	FRAME	01	
	P.N.	1785521	
IBM CORP. SDD BLK.		DM	

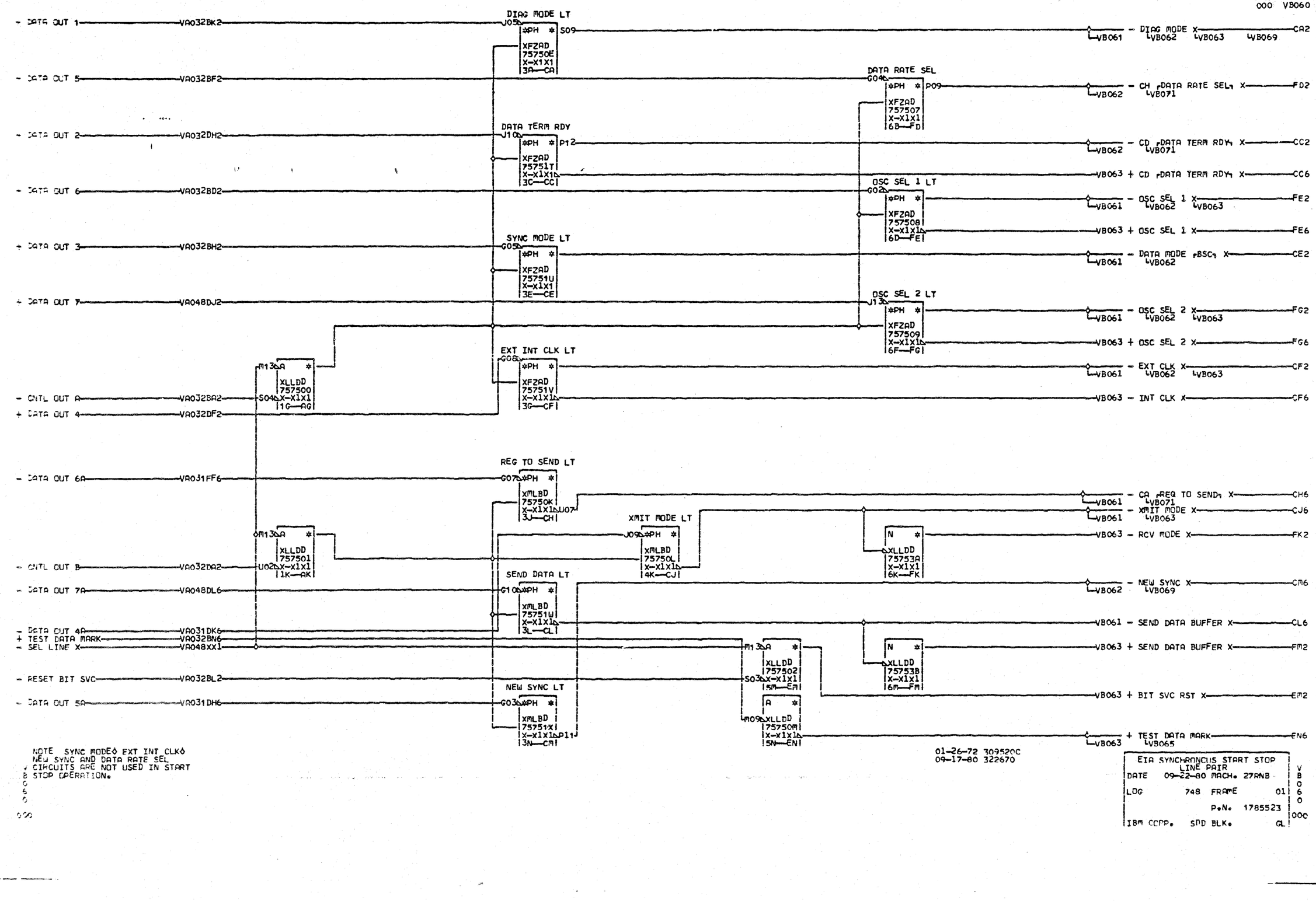
VB029 000

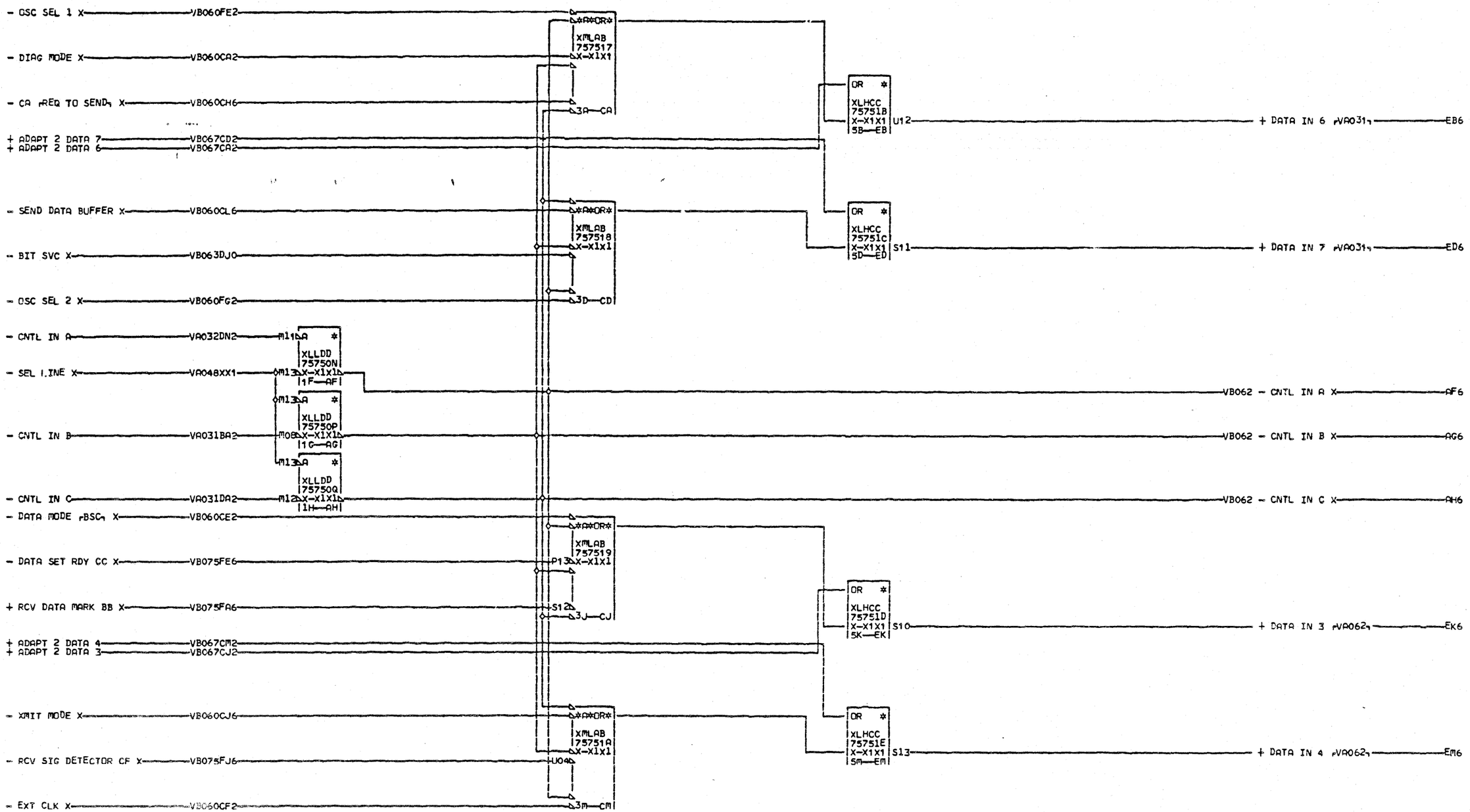
VB029 000



01-26-72 309520C

START STOP EIA TERMINATOR			
DATE	01-26-72 MACH. 27RNB		
LOG	600	FRAME	01
		P.N.	1785522
IBM CORP.	SDD BL.K.		FK

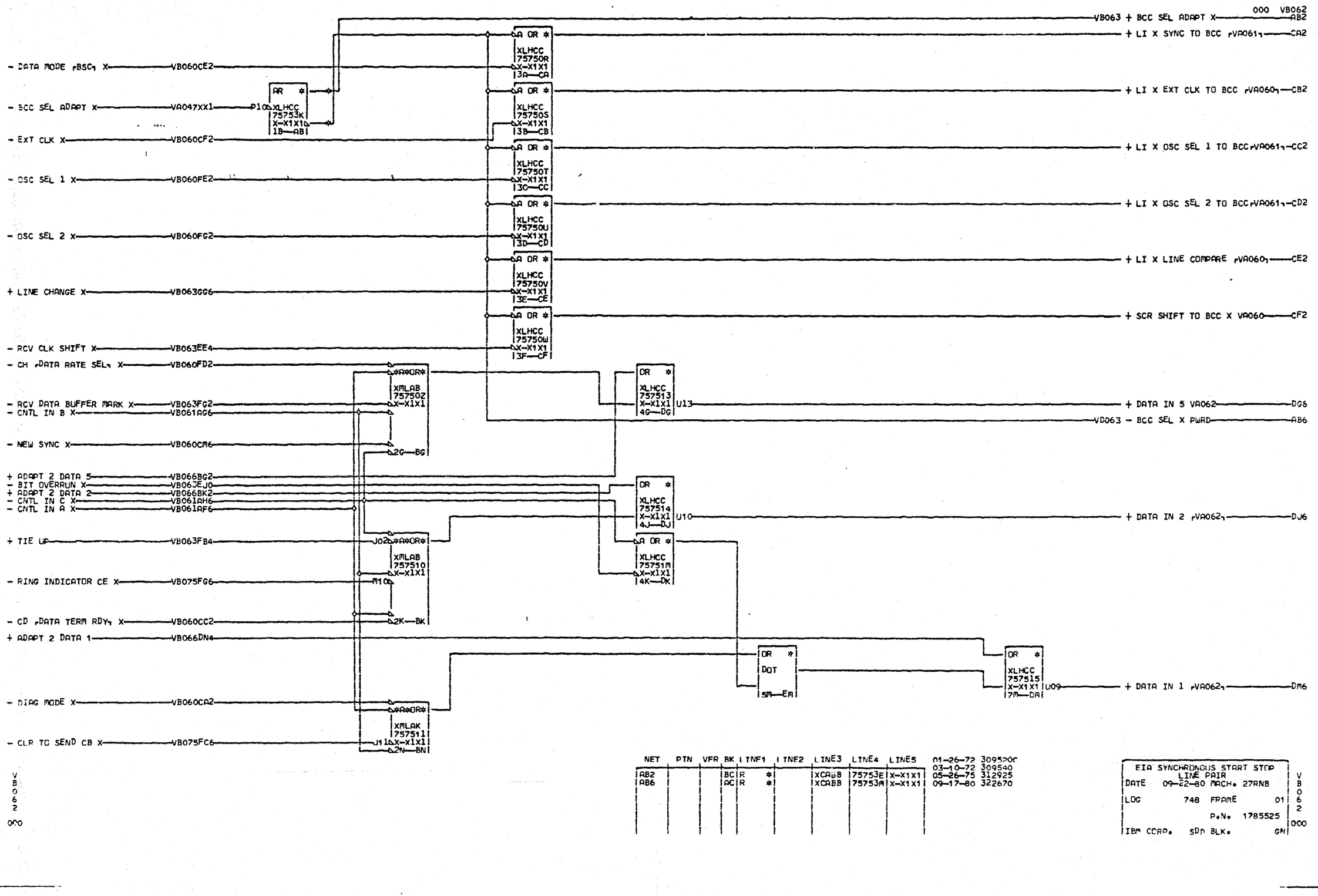

000 VB060
- DATA OUT 1 VA032BK2
DIAG MODE LT J05 *PH * S09
XFZAD 75750E X-X1X1 3A—CA
- DIAG MODE X CA2
VB061 VB062 VB063 VB069
- DATA OUT 5 VA032BF2
DATA RATE SEL G04 *PH * P09
XFZAD 757507 X-X1X1 6B—FD
- CH DATA RATE SEL X FD2
VB062 VB071
- DATA OUT 2 VA032DH2
DATA TERM RDY J10 *PH * P12
XFZAD 75751T X-X1X1 3C—CC
- CD DATA TERM RDY X CC2
VB062 VB071
VB063 + CD DATA TERM RDY X CC6
- DATA OUT 6 VA032BD2
OSC SEL 1 LT G02 *PH *
XFZAD 757508 X-X1X1 6D—FE
- OSC SEL 1 X FE2
VB061 VB062 VB063
VB063 + OSC SEL 1 X FE6
+ DATA OUT 3 VA032BH2
SYNC MODE LT G05 *PH *
XFZAD 75751U X-X1X1 3E—CE
- DATA MODE BSC X CE2
VB061 VB062
+ DATA OUT 7 VA048DJ2
OSC SEL 2 LT J13 *PH *
XFZAD 757509 X-X1X1 6F—FG
- OSC SEL 2 X FG2
VB061 VB062 VB063
VB063 + OSC SEL 2 X FG6
EXT INT CLK LT G08 *PH *
XFZAD 75751V X-X1X1 3C—CF
- EXT CLK X CF2
VB061 VB062 VB063
M13 A * XLLDD 757500 S04 X-X1X1 1G—AG
- CNTL OUT A VA032BA2
+ DATA OUT 4 VA032DF2
VB063 - INT CLK X CF6
REG TO SEND LT G07 *PH * XMLBD 75750K X-X1X1 U07 3J—CH
- DATA OUT 6A VA031FF6
- CA REQ TO SEND X CH6
VB061 VB071
- XMIT MODE X CJ6
VB061 VB063
XMIT MODE LT J09 *PH * XMLBD 75750L X-X1X1 4K—CJ
N * XLLDD 75753A X-X1X1 6K—FK
VB063 - RCV MODE X FK2
M13 A * XLLDD 757501 U02 X-X1X1 1K—AK
- CNTL OUT B VA032DA2
SEND DATA LT G10 *PH * XMLBD 75751W X-X1X1 3L—CL
- DATA OUT 7A VA048DL6
- NEW SYNC X CM6
VB062 VB069
VB061 - SEND DATA BUFFER X CL6
- DATA OUT 4A VA031DK6
+ TEST DATA MARK VA032BN6
- SEL LINE X VA048XX1
M13 A * XLLDD 757502 S03 X-X1X1 5M—EM
N * XLLDD 75753B X-X1X1 6M—FM
VB063 + SEND DATA BUFFER X FM2
- RESET BIT SVC VA032BL2
NEW SYNC LT G03 *PH * XMLBD 75751X X-X1X1 P11 3N—CM
A * M09 XLLDD 75750M X-X1X1 5N—EN
VB063 + BIT SVC RST X EM2
- DATA OUT 5A VA031DH6
+ TEST DATA MARK EN6
VB063 VB065
NOTE SYNC MODE, EXT INT CLK, NEW SYNC AND DATA RATE SEL CIRCUITS ARE NOT USED IN START STOP OPERATION.
01-26-72 309520C
09-17-80 322670
EIA SYNCHRONOUS START STOP LINE PAIR
DATE 09-22-80 MACH. 27RNB
LOG 748 FRAME 01
P.N. 1785523
IBM CCPP. SPD BLK. GL
VB0600
000



01-26-72 309520C
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PAIR				
DATE	09-22-80	MACH. 27RNB		VB061
LOG	748	FRAME	01	
		P.N.	1785524	000
IBM CORP.	SDD	BLK.	EN	

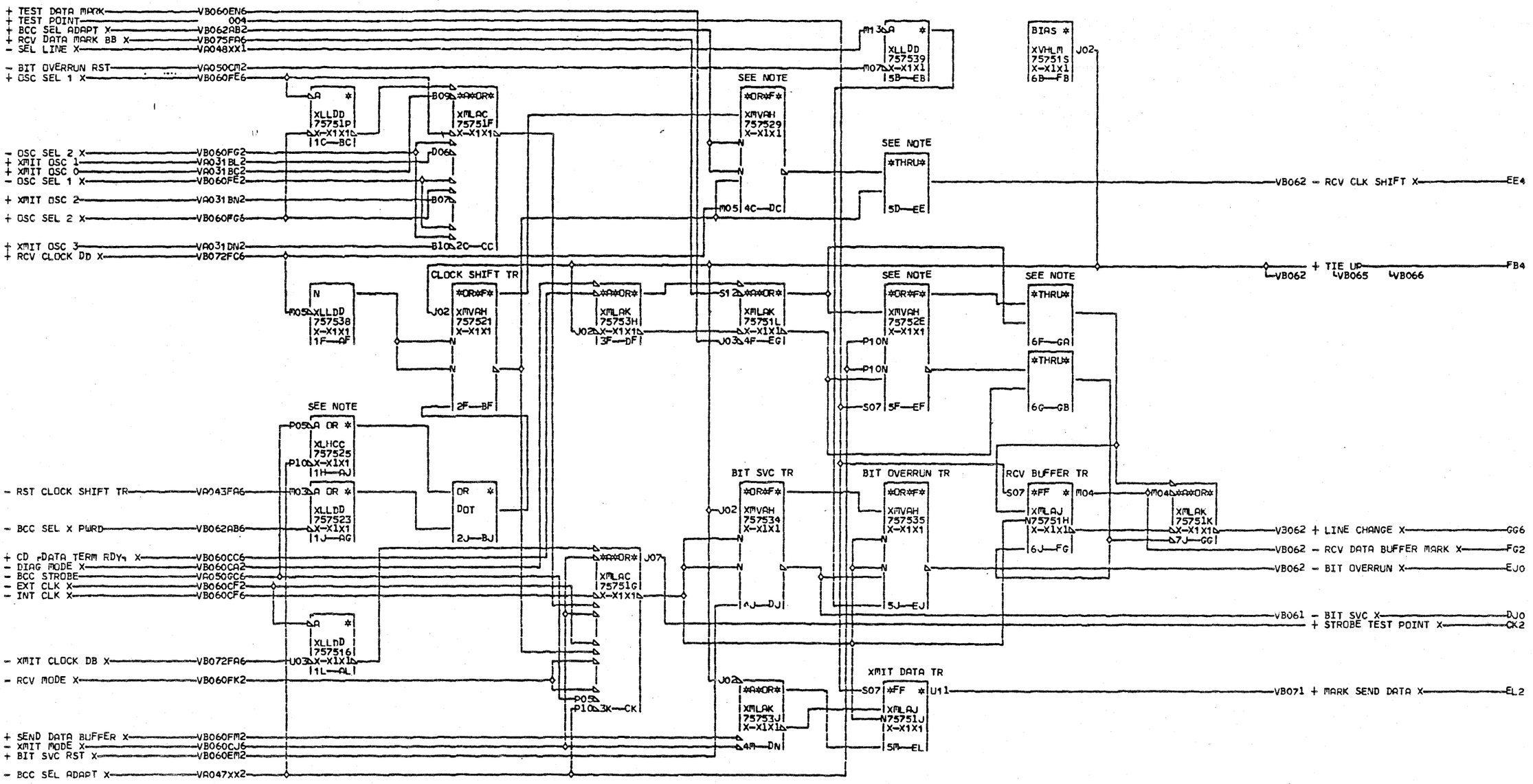
VB061
000



NET	PIN	VFR	BK	LINE1	LINE2	LINE3	LINE4	LINE5	01-26-72 3095>0C
									03-10-72 309540
AB2			BC	R *		XCABB	75753E	X-X1X1	05-26-75 312925
AB6			AC	R *		XCABB	75753A	X-X1X1	09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PAIR				
DATE	09-22-80	MACH. 27RNB		
LOG	748	FRAME	01	
		P.N.	1785525	
IBM CORP.	SDD	BLK.	GN	

VB062 000



CARD PN 8211452 INSTALLED
BLKS AJ DC EF NOT PRESENT
V THRU BLKS BOTTOM INPUT CONN
B CARD PN 8250115 BLKS AJ DC NOT
0 PRESENT. THRU BLKS GA GB TOP
6 INPUT CONN EE BOTTOM CONN
3 CARD PN 8250112 INSTALLED
ALL BLKS PRESENT
000ALL THRU BLKS TOP INPUT CONN

NET	PIN	VER	BK	LINE1	LINE2	LINE3	LINE4	LINE5
004	S07		AH	R	*		X3ABB	757531	X-X1X1

01-26-72 3095200
03-10-72 309540
11-11-74 311286
05-26-75 312925
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PAIR

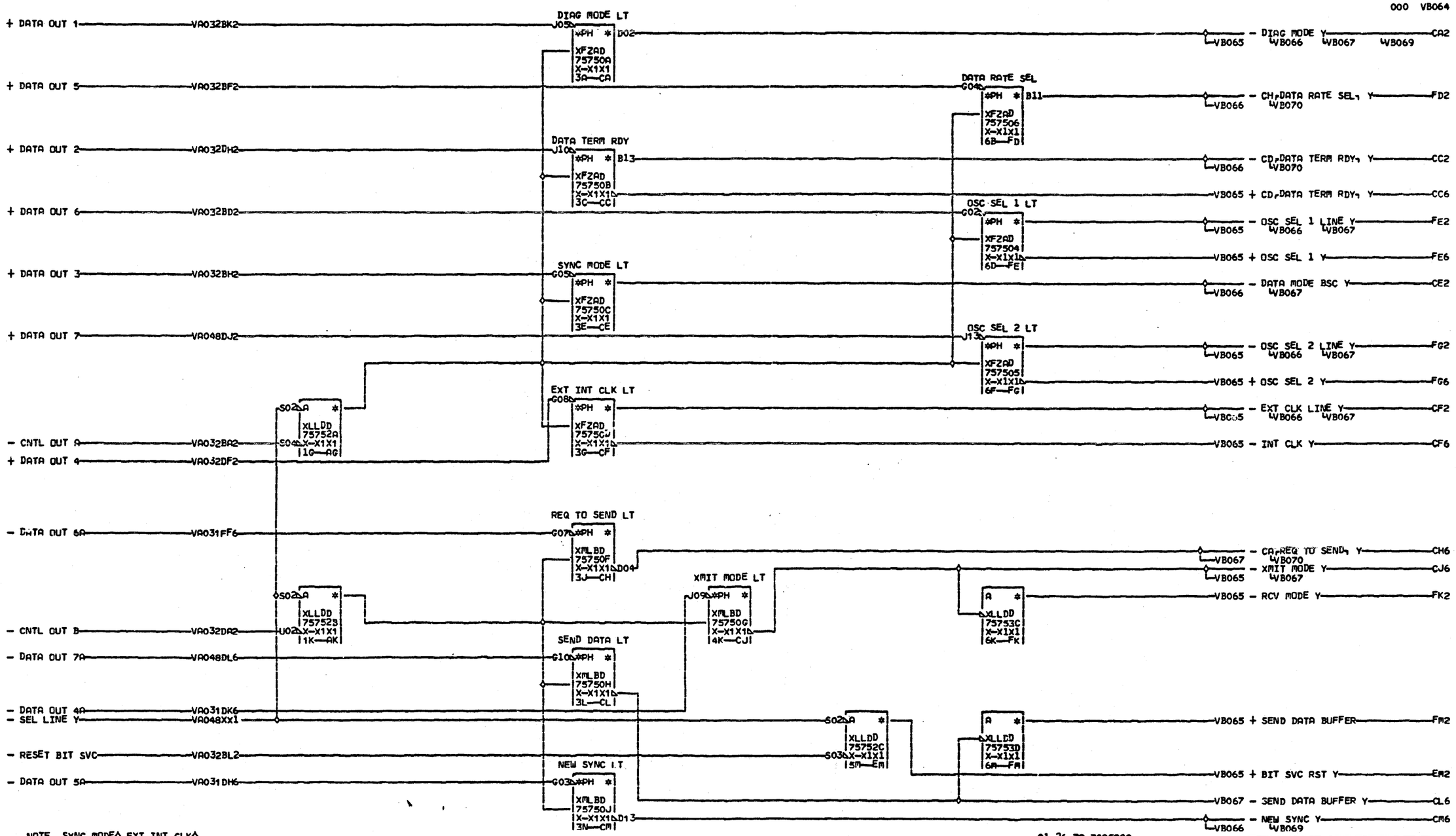
DATE 09-22-80 MACH. 27RNB

LOG 748 FRAME 01

P.N. 1785526

IBM CORP. SDD BLK. CH.

VB063 000

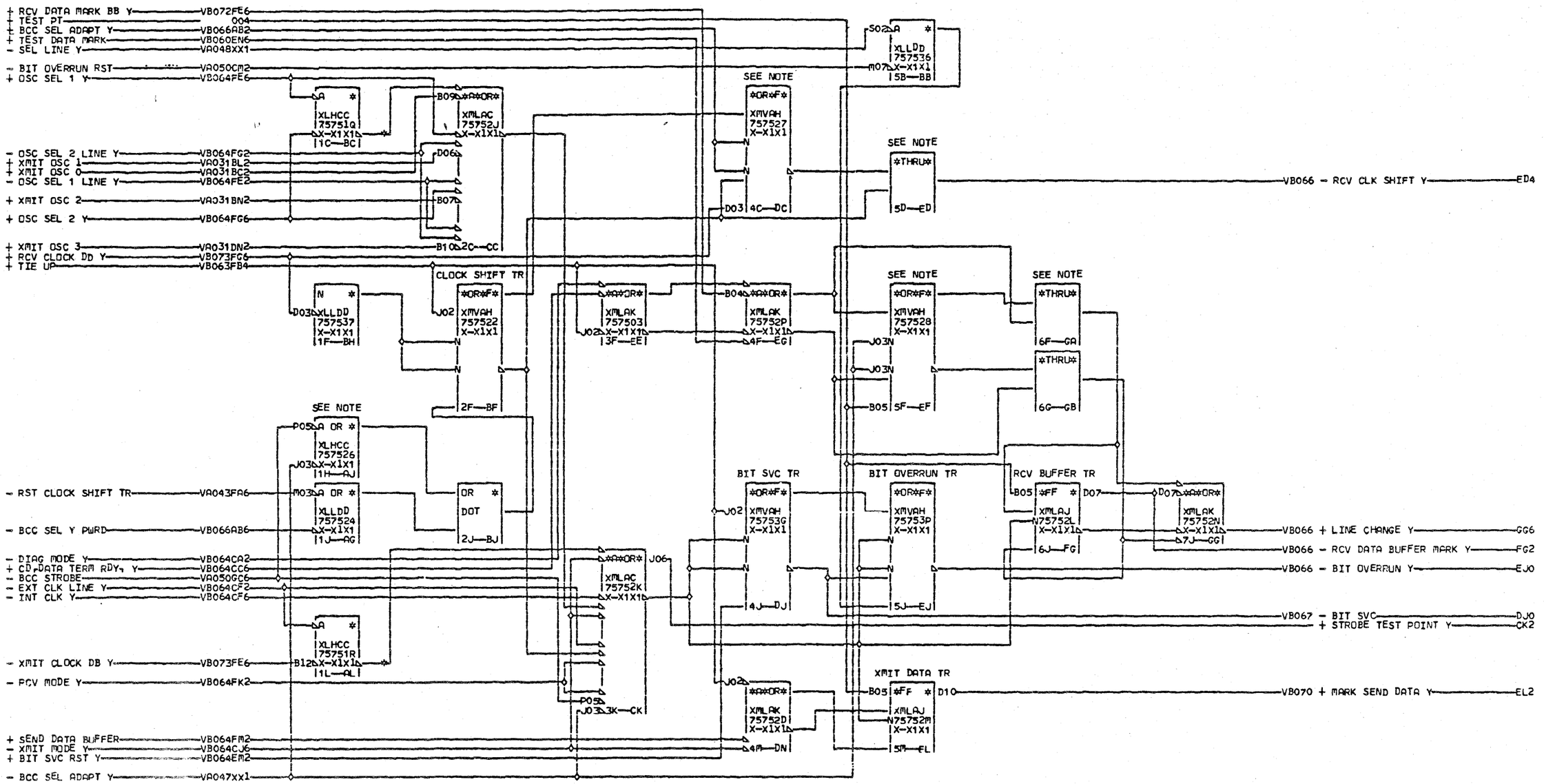


NOTE SYNC MODE◊ EXT INT CLK◊
NEW SYNC AND DATA RATE SEL
V CIRCUITS ARE NOT USED IN START
B STOP OPERATION.
0
6
4

000

01-26-72 709520C
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PAIR					V B 0 6 4
DATE	09-22-80	MACH. 27RNB			
LOG	748	FRAME	01		
		P.N.	1785527		000
IBM CORP.	SDD BLK.		GL		



NOTE
SEE NOTE PAGE VB063

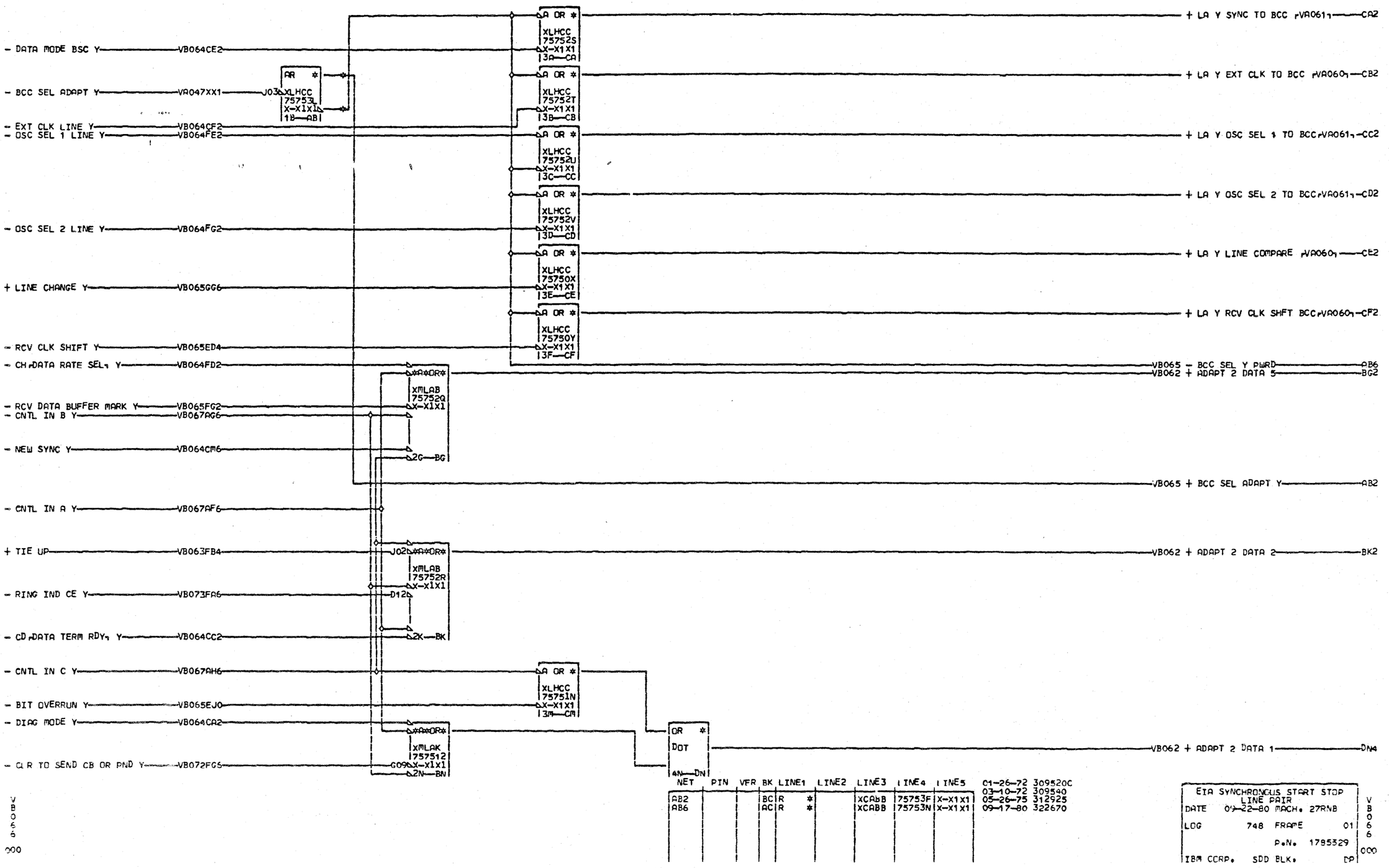
V B 0 6 5

000

NET	PIN	VER	BK	LINE1	LINE2	LINE3	LINE4	LINE5	01-26-72	309520C
004	B05		AH	R	*	XCABB	757530	X-X1X1	03-10-72	309540
AL6			AV	R	*	XCABB	757532	X-X1X1	11-11-74	311286
BC6			BA	R	*	XCABB	757533	X-X1X1	05-26-75	312925
									09-17-80	322670

EIA SYNCHRONOUS START STOP LINE PAIR
DATE 09-22-80 MACH. 27RNB
LOG 748 FRAME 01
P.N. 1785528
IBM CORP. SDD BLK. GH

V B 0 6 5 000



NET	PIN	VER	BK	LINE1	LINE2	LINE3	LINE4	LINE5	01-26-72 309520C 03-10-72 309540 05-26-75 312925 09-17-80 322670
AB2			BC	R *		XCABB	75753F	X-X1X1	
AB6			AC	R *		XCABB	75753N	X-X1X1	

EIA SYNCHRONOUS START STOP LINE PAIR
DATE 09-22-80 MACH. 27RNB
LOG 748 FRAME 01
P.N. 1785329
IBM CORP. SDD BLK. DP

V B 0 6 6 000

000 VB067

- OSC SEL 1 LINE Y — VB064FE2 — *A*OR* — XMLAB 75752W X-X1X1 — 3A — CA — VB061 + ADAPT 2 DATA 6 — CA2
- DIAG MODE Y — VB064CA2
- CA REQ TO SEND Y — VB064CH6

- SEND DATA BUFFER Y — VB064CL6 — *A*OR* — XMLAB 75752X X-X1X1 — 3D — CD — VB061 + ADAPT 2 DATA 7 — CD2
- BIT SVC — VB065DJ0
- OSC SEL 2 LINE Y — VB064FG2

- CNTL IN A — VA032DN2 — M11 A * XLLDD 75752F
- SEL LINE Y — VA048XX1 — S02 X-X1X1 1F — AF — VB066 — CNTL IN A Y — AF6
- S02 A * XLLDD 75752G
- CNTL IN B — VA031BA2 — M08 X-X1X1 1G — AG — VB066 — CNTL IN B Y — AG6
- S02 A * XLLDD 75752H
- CNTL IN C — VA031DA2 — M12 X-X1X1 1H — AH — VB066 — CNTL IN C Y — AH6

- DATA MODE BSC Y — VB064CE2 — *A*OR* — XMLAB 75752Y X-X1X1 — 3J — CJ — VB061 + ADAPT 2 DATA 3 — CJ2
- DATA SET RDY OR PWI CC Y — VB072FJ6 — B02
+ RCV DATA MARK BB Y — VB072FE6 — B04

- XMIT MODE Y — VB064CJ6 — *A*OR* — XMLAB 757522 X-X1X1 — 3M — CM — VB061 + ADAPT 2 DATA 4 — CM2
- RCV SIG DET CF — Y — VB073FC6 — B03
- EXT CLK LINE Y — VB064CF2

01-26-72 30952OC
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PAIR
DATE 09-22-80 MACH. 27RNB
LOG 748 FRAME 01
P.N. 1785530
IBM CORP. SPD BLK. CN

VB067 000

000 VB069

- NEW SYNC X — VB060CM6 — D04 | MST-EIA *CV-L* XXZAA 757326 X-X1Y1 | D09 — VB074 + EIA NEW SYNC X — FA6
6A — FA

- NEW SYNC Y — VB064CM6 — J04 | MST-EIA *CV-L* XXZAA 757327 X-X1Y1 | J09 — VB074 + EIA NEW SYNC Y — FD6
6D — FD

- DIAG MODE Y — VB064CA2 — G09 | MST-EIA *CV-L* XXZAA 75731R X-X1Y1 | J11 — VB074 + EIA MODEM WRAP Y — EG6
5G — EG

- DIAG MODE X — VB060CA2 — B09 | MST-EIA *CV-L* XXZAA 75731S X-X1Y1 | D11 — VB074 + EIA MODEM WRAP X — EK6
5K — EK

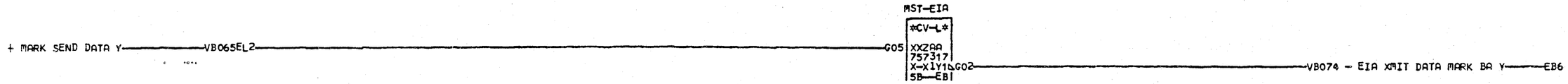
NOTE THESE CIRCUITS ARE NOT USED IN START STOP OPERATION.

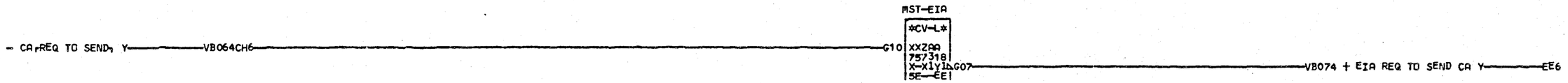
V B 0 6 9 000

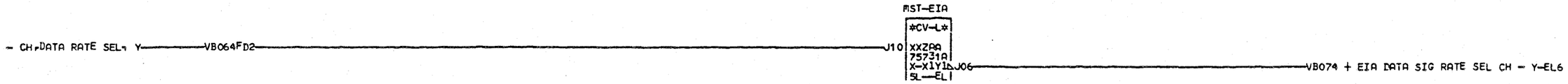
01-26-72 309520C
09-17-80 322670

FIA SYNCHRONOUS START STOP LINE PAIR EIA DRIVERS
DATE 09-22-80 MACH. 27RNB
LCG 748 FRAME 01
P.N. 1785531
IBM CORP. SDD BLK. FF

V B 0 6 9 000







NOTE THE DATA RATE SEL
CIRCUIT IS NOT USED IN START
STOP OPERATION.

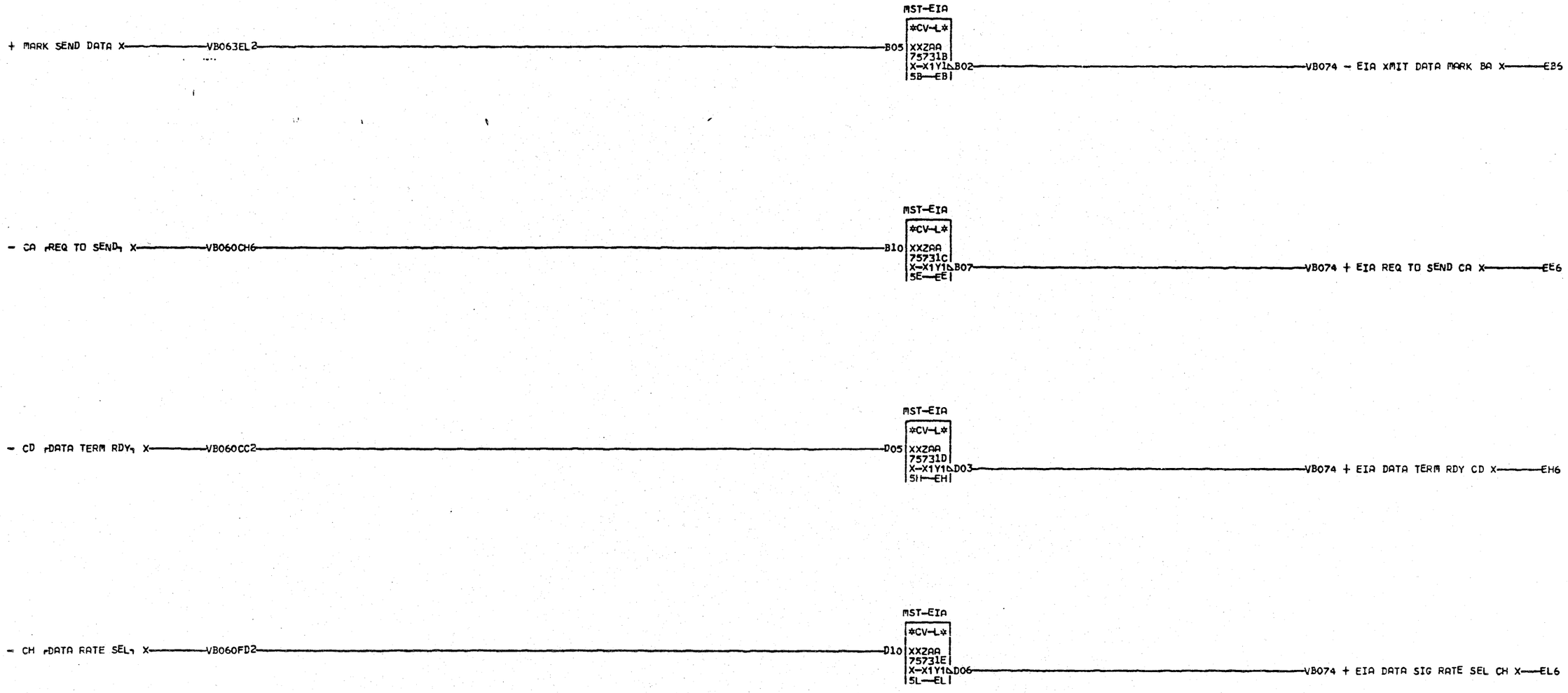
V B 0 7 0

000

01-26-72 309520C
09-17-80 322670

EIA SYNCHRONOUS START STOP
LINE PAIR EIA DRIVERS
DATE 09-22-80 MACH. 27RNB
LOG 748 FRAME 01
P.N. 1785532
IBM CORP. SDD BLK. EN

V B 0 7 0 000

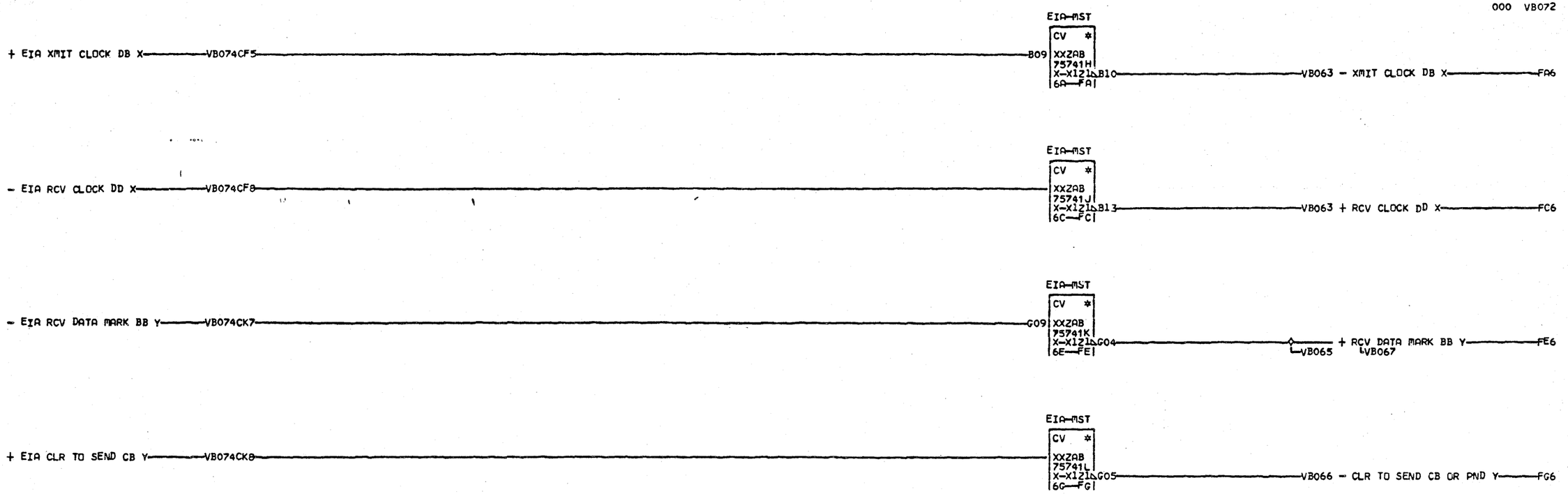


NOTE THE DATA RATE SEL
CIRCUIT IS NOT USED IN START
STOP OPERATION.

V B 0 7 1 000

01-26-72 309520C
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PAIR EIA DRIVERS					V B 0 7 1 000
DATE 09-22-80 MACH. 27RNB					
LCG	748	FRAME	01		
		P.N.	1785533		
IBM CORP.	SDD BLK.		EN		



NOTE EIA XMIT AND RCV CLOCK CIRCUITS ARE NOT USED IN START STOP OPERATION.

VB072

000

01-26-72 309520C
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PR TERMINATOR

DATE 09-22-80 MACH. 27RNB

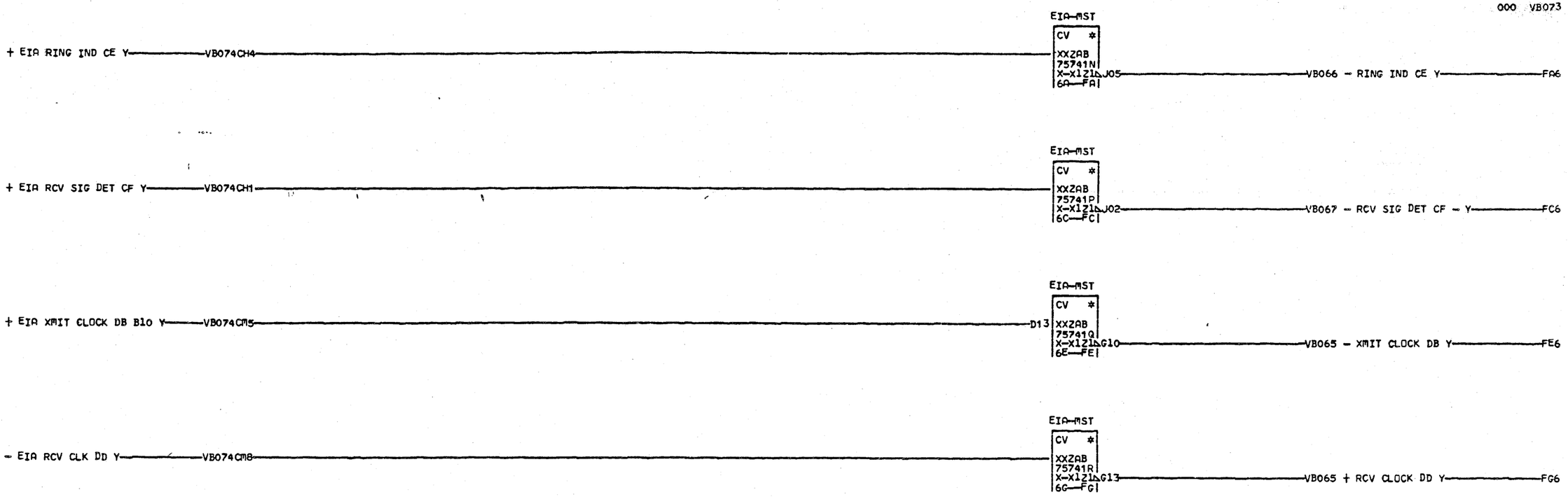
LOG 748 FRAME 01

P.N. 1785534

IBM CORP. SDD BLK. GN

VB072

000

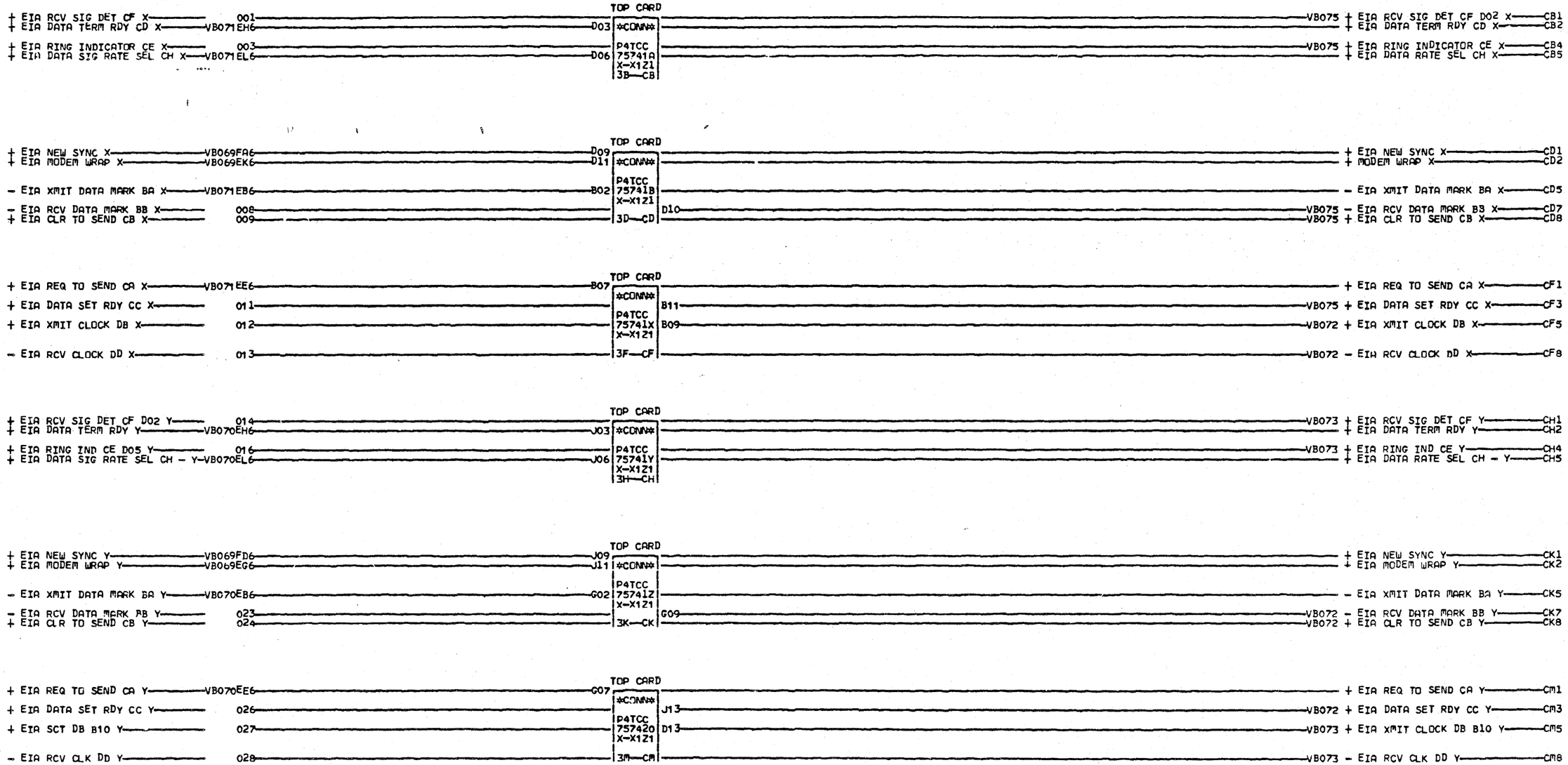


NOTE EIA RING IND& EIA XMIT
AND RCV CLOCK CIRCUITS ARE NOT
USED IN START STOP OPERATION.

VB073
000

01-26-72 309520C
09-17-80 322670

EIA SYNCHRONOUS START STOP LINE PR TERMINATOR		VB073
DATE 09-22-80 MACH. 27RNB		000
LOG 748	FRAME 01	
	P.N. 1785535	
IBM CORP. SDD	BLK. FK	

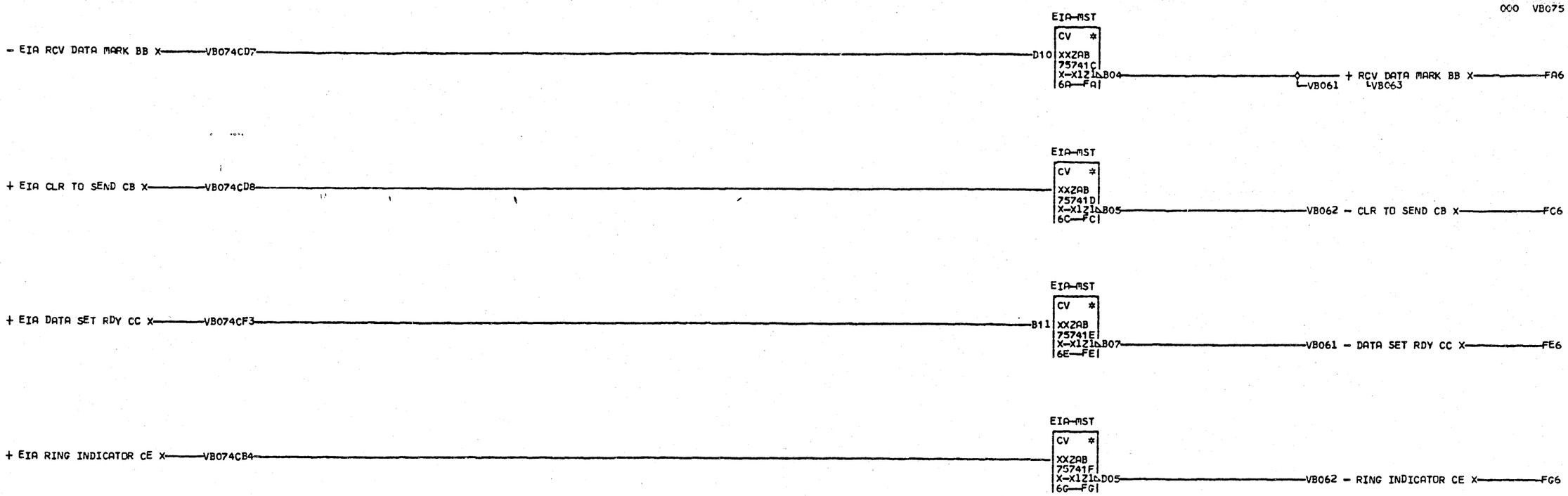


01-26-72 309520C
09-17-80 322670

V B 0 7 4 000

EIA SYNCHRONOUS START STOP LINE PR TERMINATOR
DATE 09-22-80 MACH. 27RNB
LOC 748 FRAME 01
P.N. 1785536
IBM CORP. SDD BLK. DM

V B 0 7 4 000

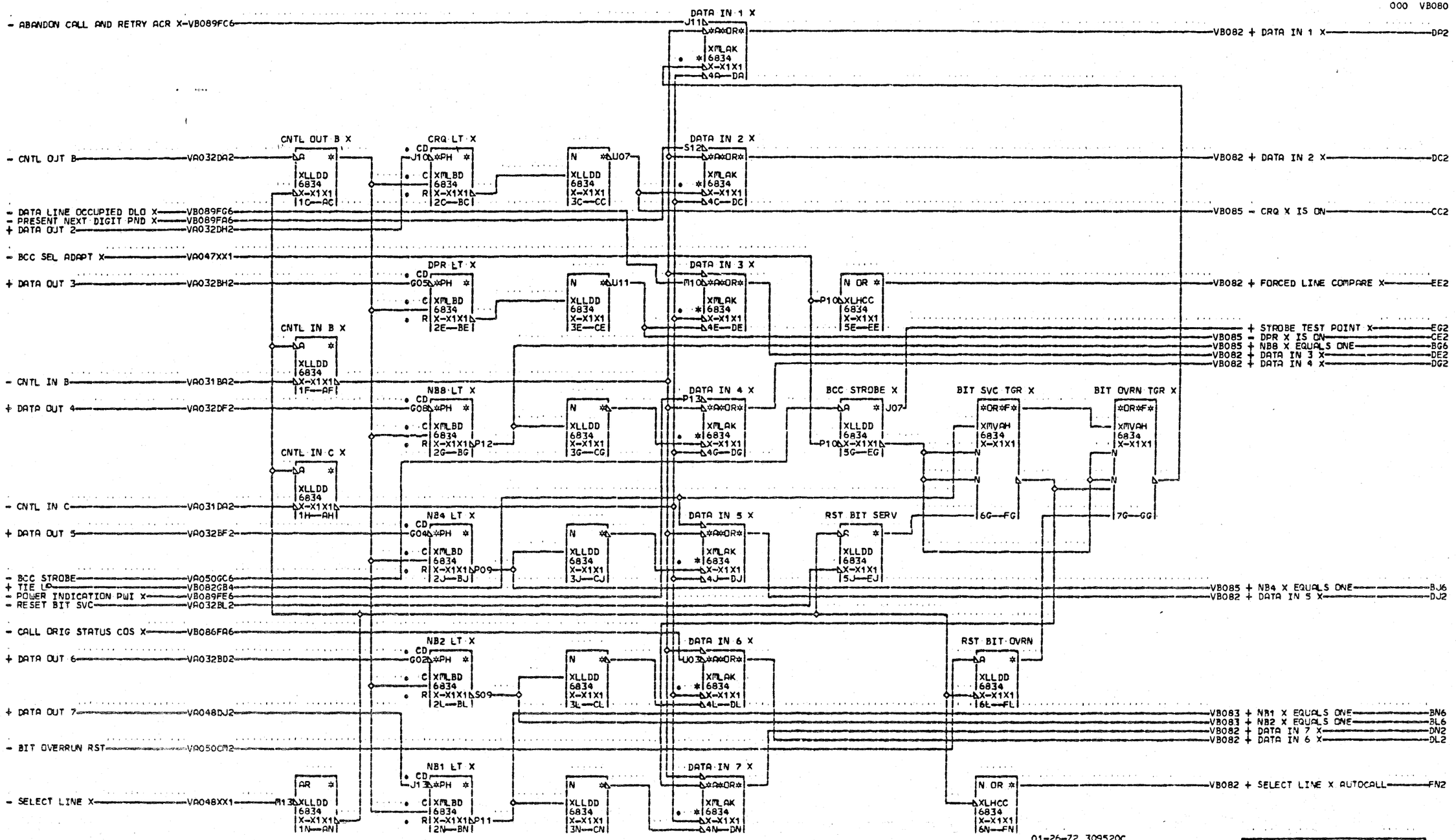


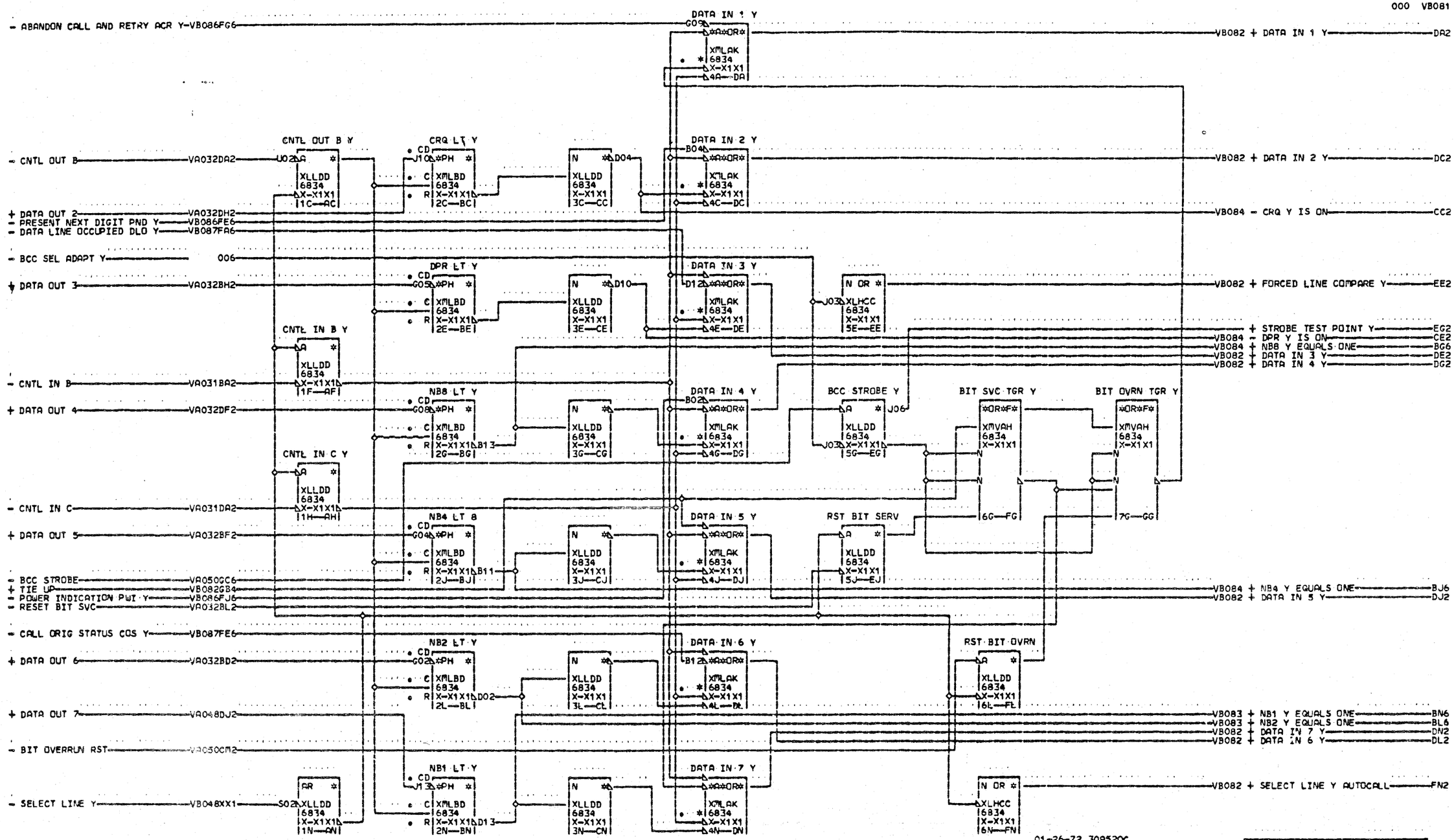
NOTE EIA RING INDICATOR CIRCUIT IS NOT USED IN START STOP OPERATION.

VB075 000

01-26-72 309520C
09-17-80 322670

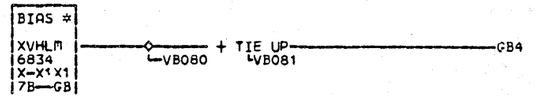
EIA SYNCHRONOUS START STOP LINE PR TERMINATOR				VB075 000
DATE 09-22-80	MACH. 27RNB			
LOG 748	FRAME	01		
	P.N. 1785537			
IBM CORP.	SDD BLK.	FK		

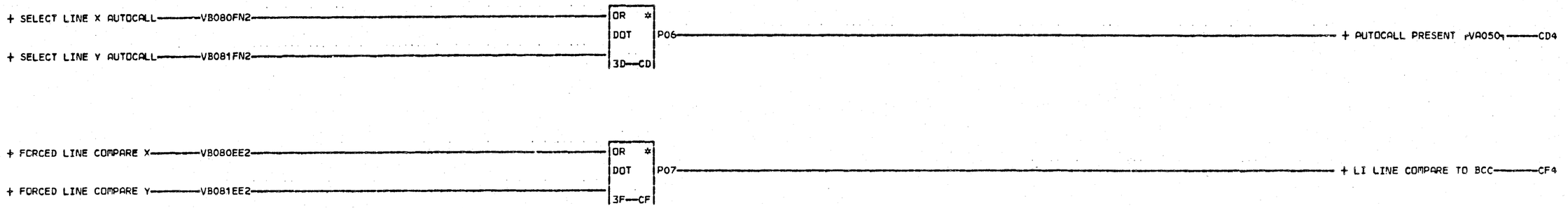

- ABANDON CALL AND RETRY ACR X-VB089FC6
DATA IN 1 X
J11
VB082 + DATA IN 1 X
DP2
CNTL OUT B X
CRQ LT X
DATA IN 2 X
- CNTL OUT B
VA032DA2
VB082 + DATA IN 2 X
DC2
- DATA LINE OCCUPIED DLO X
VB089FG6
- PRESENT NEXT DIGIT PND X
VB089FA6
+ DATA OUT 2
VA032DH2
VB085 - CRQ X IS ON
CC2
- BCC SEL ADAPT X
VA047XX1
DPR LT X
DATA IN 3 X
+ DATA OUT 3
VA032BH2
VB082 + FORCED LINE COMPARE X
EE2
+ STROBE TEST POINT X
EG2
VB085 - DPR X IS ON
CE2
VB085 + NB8 X EQUALS ONE
BG6
VB082 + DATA IN 3 X
DE2
VB082 + DATA IN 4 X
DG2
CNTL IN B X
- CNTL IN B
VA031BA2
NB8 LT X
DATA IN 4 X
BCC STROBE X
BIT SVC TGR X
BIT OVRN TGR X
+ DATA OUT 4
VA032DF2
CNTL IN C X
- CNTL IN C
VA031DA2
NB4 LT X
DATA IN 5 X
RST BIT SERV
+ DATA OUT 5
VA032BF2
- BCC STROBE
VA050GC6
+ TIE L
VB082GB4
- POWER INDICATION PWI X
VB089FE6
- RESET BIT SVC
VA032BL2
VB085 + NB4 X EQUALS ONE
BJ6
VB082 + DATA IN 5 X
DJ2
- CALL ORIG STATUS COS X
VB086FA6
NB2 LT X
DATA IN 6 X
RST BIT OVRN
+ DATA OUT 6
VA032BD2
+ DATA OUT 7
VA048DJ2
VB083 + NB1 X EQUALS ONE
BN6
VB083 + NB2 X EQUALS ONE
BL6
VB082 + DATA IN 7 X
DN2
VB082 + DATA IN 6 X
DL2
- BIT OVERRUN RST
VA050CM2
NB1 LT X
DATA IN 7 X
- SELECT LINE X
VA048XX1
VB082 + SELECT LINE X AUTOCALL
FN2
01-26-72 309520C
AUTO CALL
LINE PAIR
DATE 01-26-72 FACH. 27KNB
LOG 500 FRAME 01
P.N. 1785538
IBM CORP. SDD BLK. GH
VB080
000

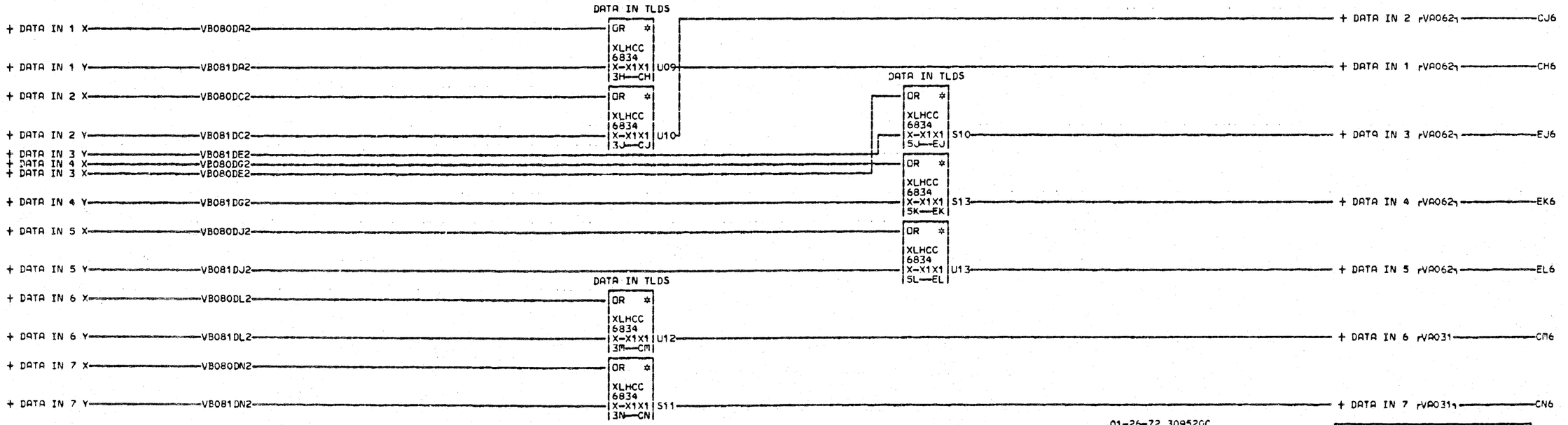


V B 0 8 1 000

V B 0 8 1 000







01-26-72 309520C
03-29-72 309540

AUTO CALL LINE PAIR				
DATE	04-06-72 MACH. 27RNB			
LOG	201	FRAME	01	
		P.N.	1785540	
IBM CORP.	SDD BLK.		GC	

VB082 000

+ NB1 X EQUALS ONE — VB080BN6 — D04

MST-EIA
CV-L
XXZAA
757326
X-X1Y1
6A—FA

D09 — VB088 = DIGIT SIGNAL NB1 X — FA6

+ NB1 Y EQUALS ONE — VB081BN6 — J04

MST-EIA
CV-L
XXZAA
757327
X-X1Y1
6D—FD

J09 — VB088 = DIGIT SIGNAL NB1 Y — FD6

+ NB2 Y EQUALS ONE — VB081BL6 — G09

MST-EIA
CV-L
XXZAA
75731R
X-X1Y1
5G—EG

J11 — VB088 = DIGIT SIGNAL NB2 Y — EG6

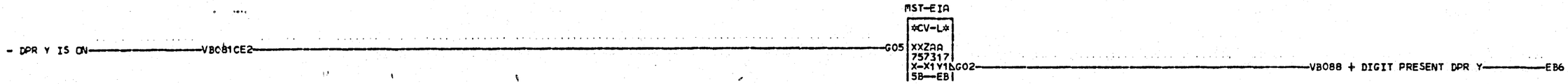
+ NB2 X EQUALS ONE — VB080BL6 — B09

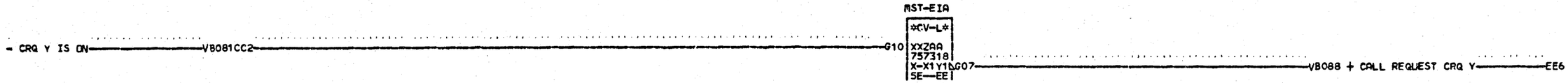
MST-EIA
CV-L
XXZAA
75731S
X-X1Y1
5K—EK

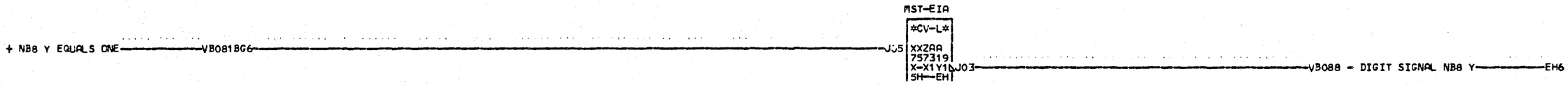
D11 — VB088 = DIGIT SIGNAL NB2 X — EK6

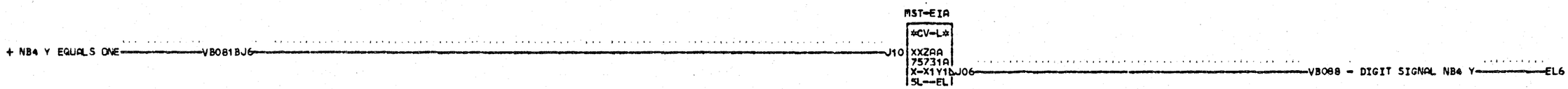
01-26-72 309520C

AUTO CALL
LINE PAIR EIA DRIVERS
DATE 01-26-72 MACH. 27RNB
LOG 600 FRAME 01
P.N. 1785541
IBM CORP. SDD BLK. FF





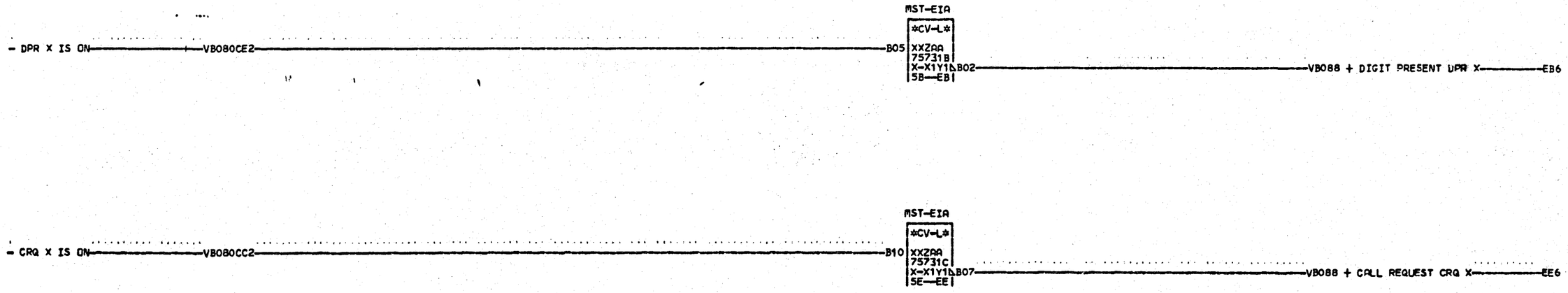


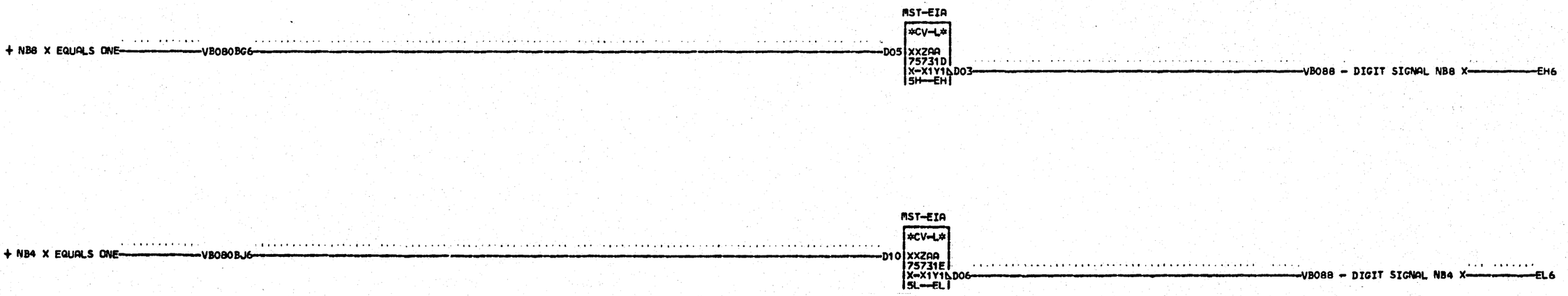


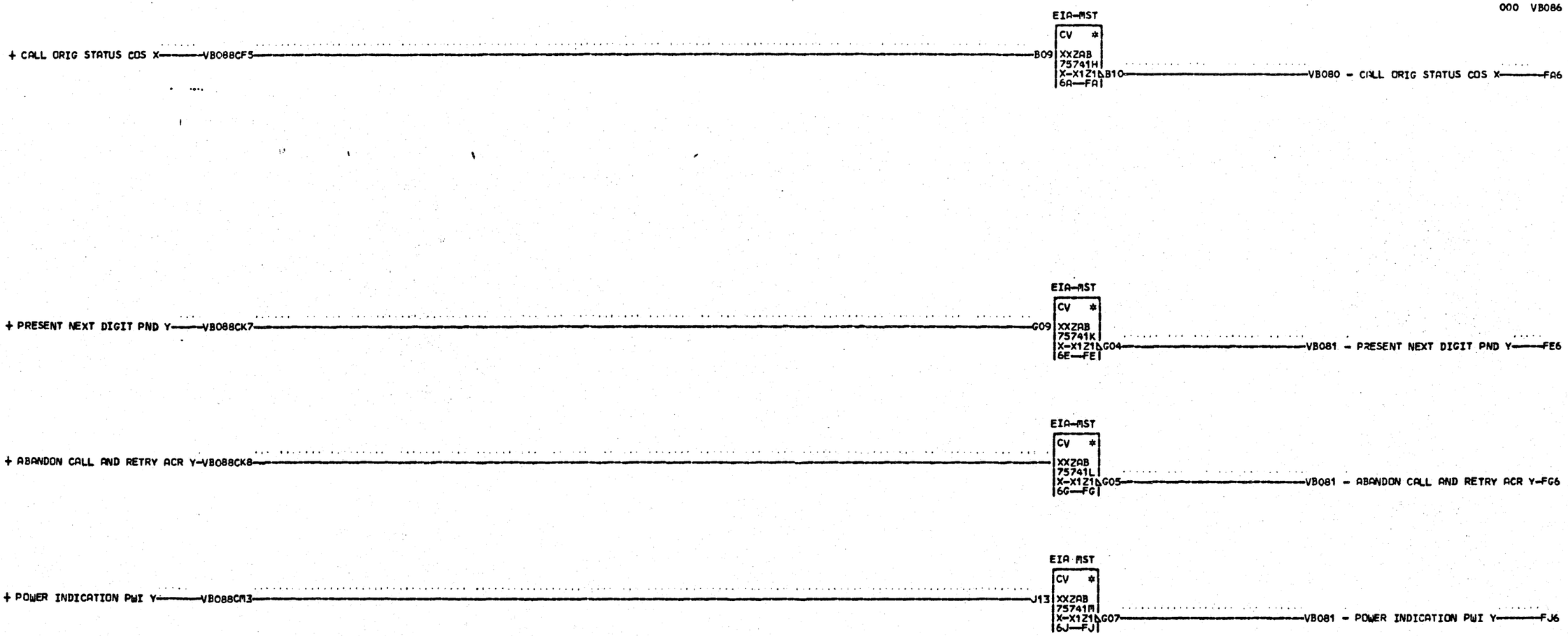
01-26-72 309520C

AUTO CALL
LINE PAIR ZIA DRIVERS
DATE 01-26-72 MACH. 27RNB
LOG 600 FRAME 01
P.No. 1785542
IBM CORP. SDD BLK. EN

VB084 000


DPR X IS ON
VB080CE2
B05
MST-EIA
CV-L
XXZAA
75731B
X-X1Y1
5B—EB
B02
VB088 + DIGIT PRESENT DPR X
EB6
CRQ X IS ON
VB080CC2
B10
MST-EIA
CV-L
XXZAA
75731C
X-X1Y1
5E—EE
B07
VB088 + CALL REQUEST CRQ X
EE6


+ NB8 X EQUALS ONE
VB080BG6
D05
MST-EIA
CV-L
XXZAA
75731D
X-X1Y1
5H—EH
D03
VB088 - DIGIT SIGNAL NB8 X
EH6
+ NB4 X EQUALS ONE
VB080BJ6
D10
MST-EIA
CV-L
XXZAA
75731E
X-X1Y1
5L—EL
D06
VB088 - DIGIT SIGNAL NB4 X
EL6



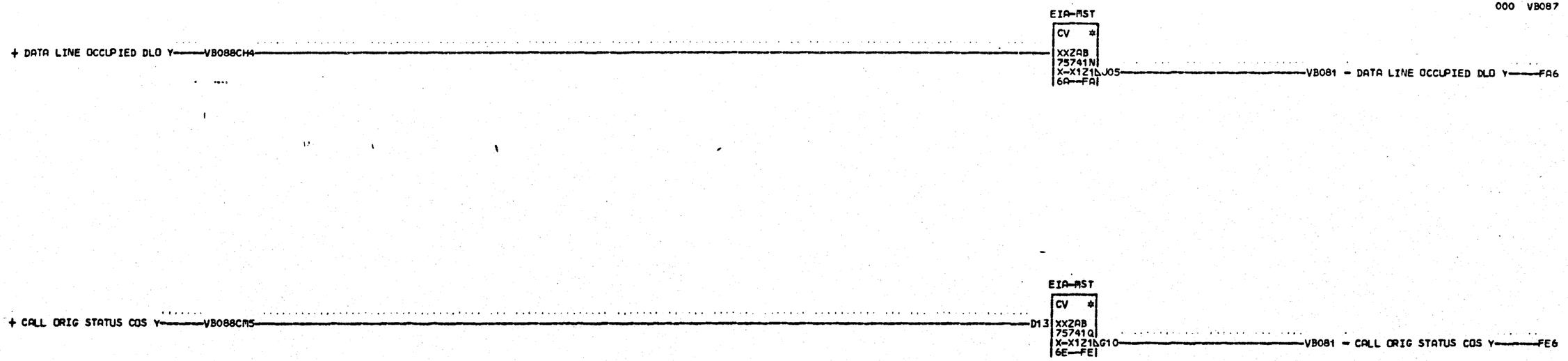
AUTO CALL EIA
TERMINATOR CARD

DATE 01-26-72 MACH. 27RNB

LOG 600 FRAME 01

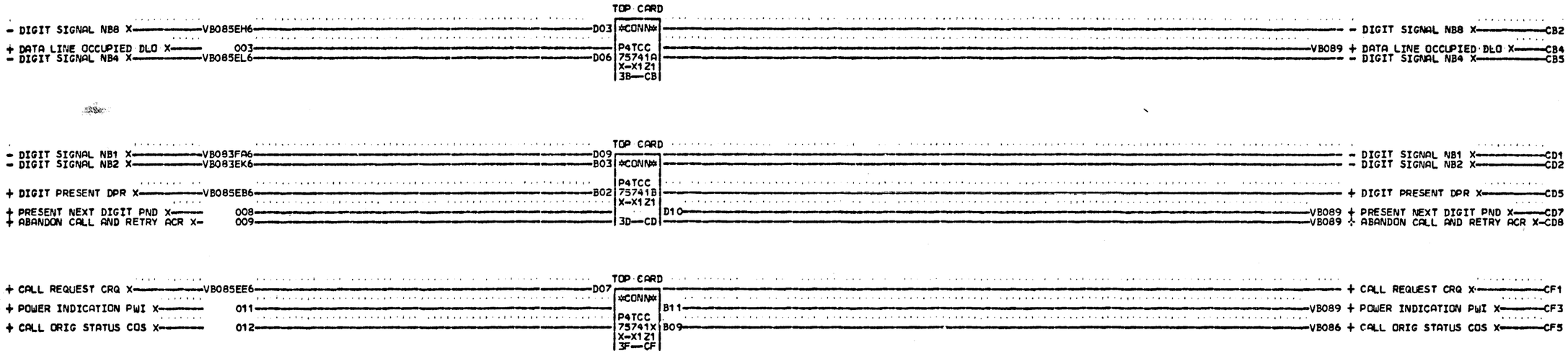
P.N. 1785544

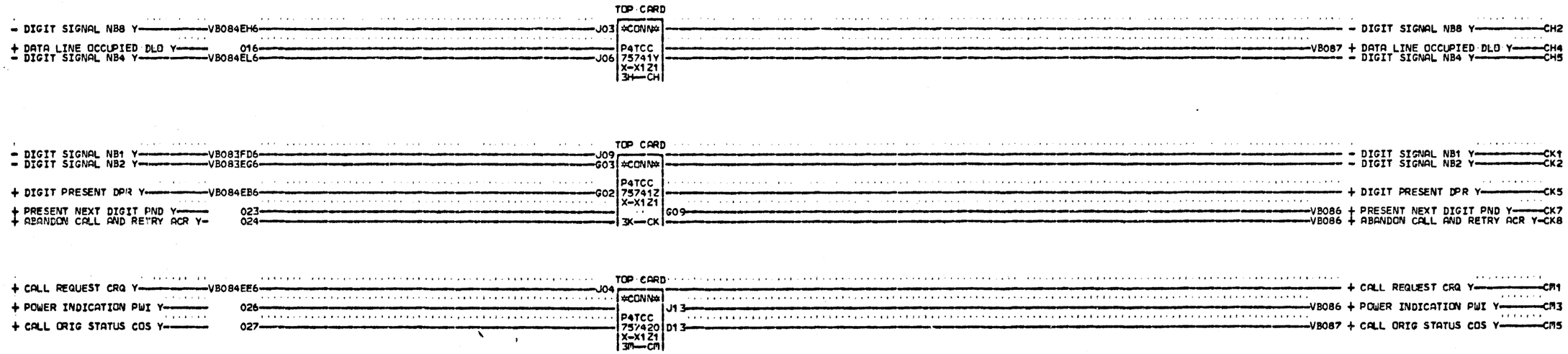
IBM CORP. SDD BLK. GN



01-26-72 309520C

AUTO CALL EIA
TERMINATOR CARD
DATE 01-26-72 MACH. 27RNB
LOC 600 FRAME 01
P.N. 1785545
IBM CORP. SDD BLK. FK

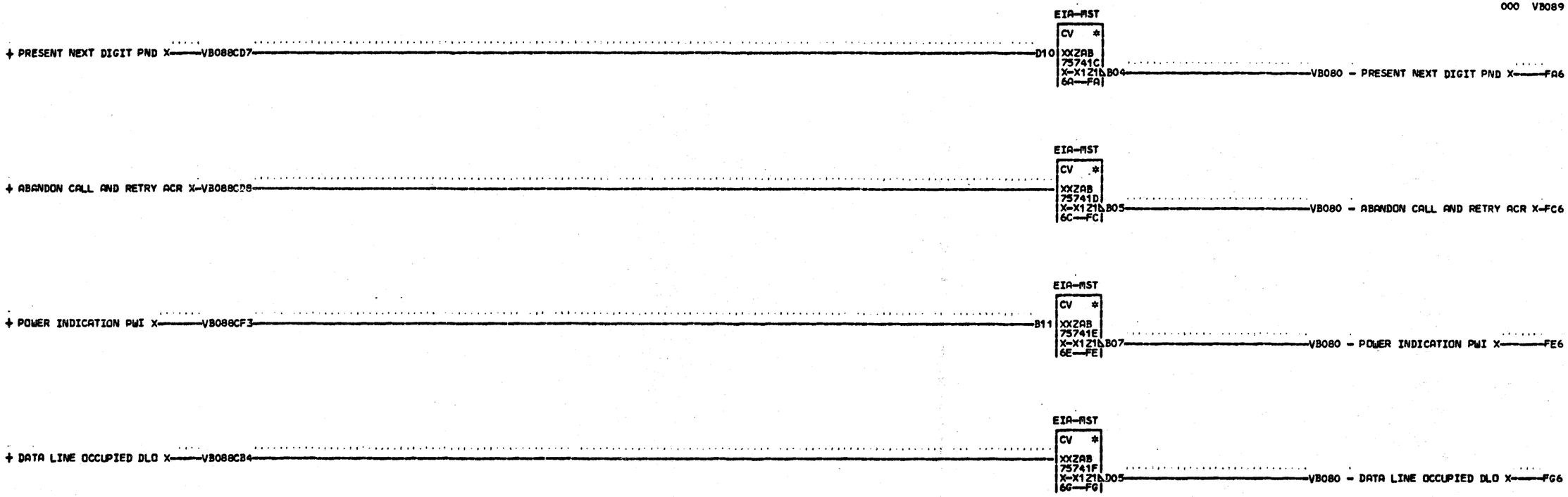




01-26-72 309520C

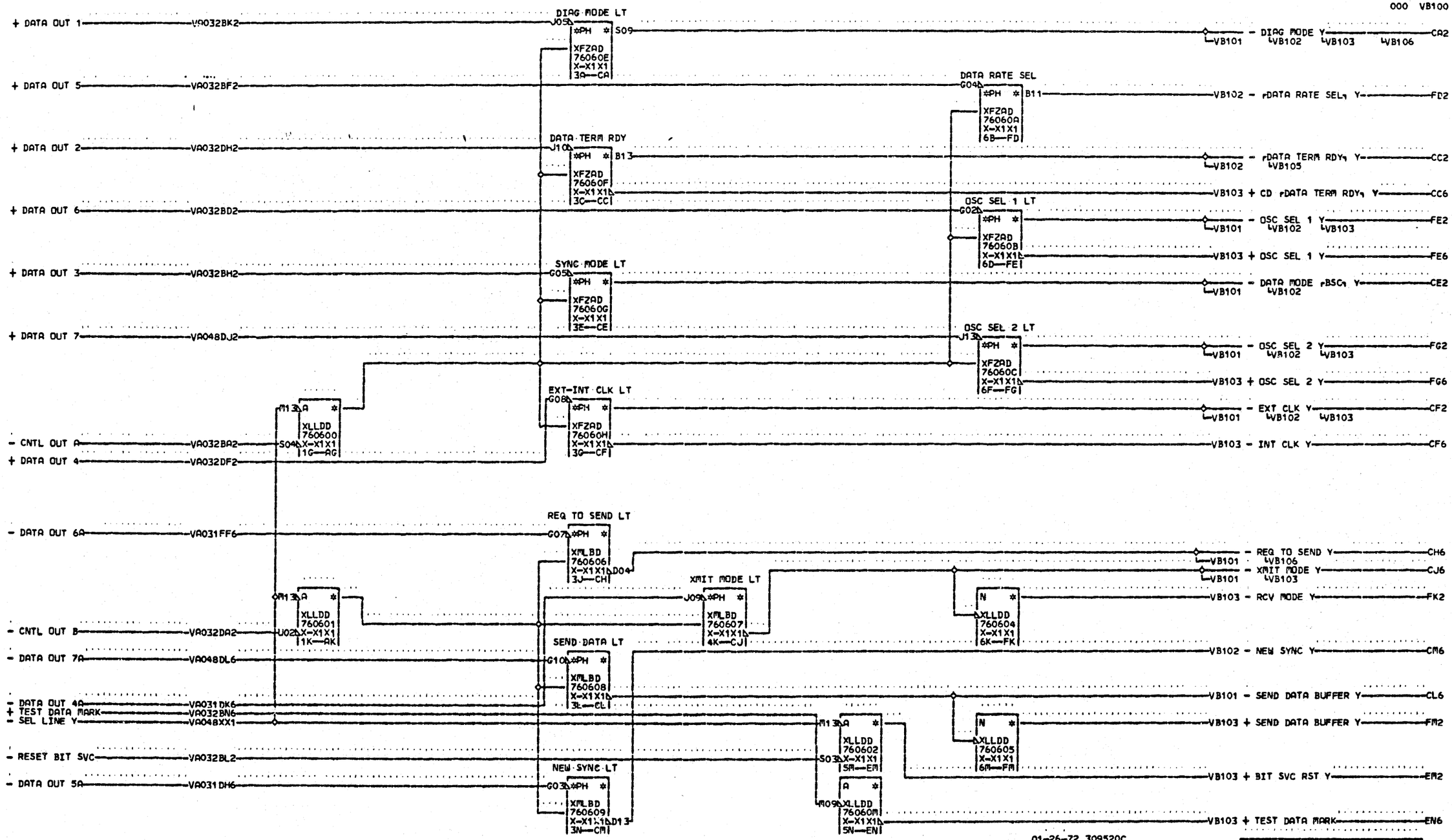
AUTO CALL EIA
TERMINATOR CARD
DATE 01-26-72 MACH. 27RNB
LOG 600 FRAME 01
P.N. 1785546
IBM CORP. SDD BLK. DM

VB088 000



01-26-72 309520C

AUTO CALL EIA
TERMINATOR CARD
DATE 01-26-72 MACH. 27RNB
LOG 600 FRAME 01
P.N. 1785547
IBM CORP. SDD BLK. FK

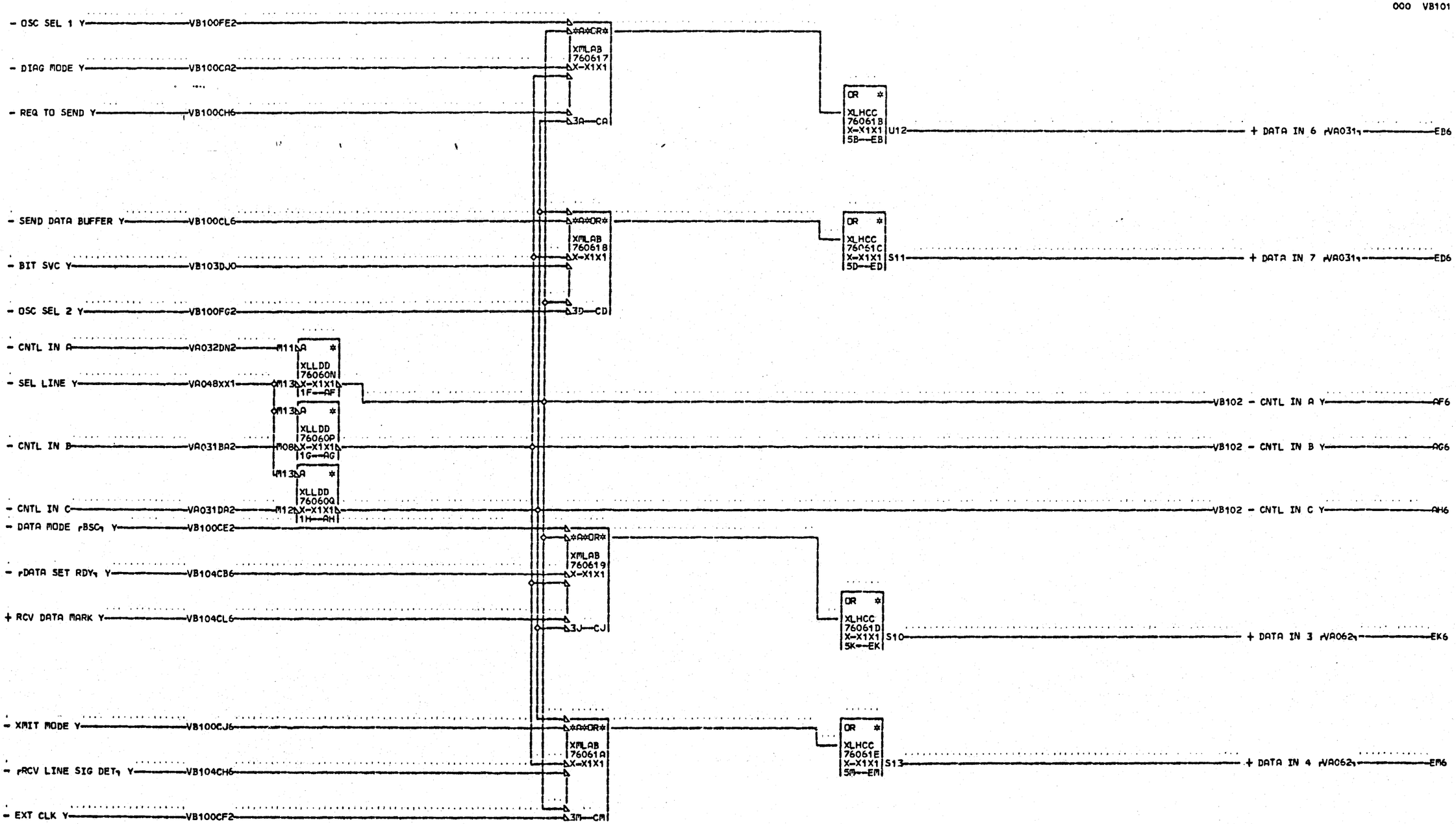


01-26-72 309520C

DIGITAL LINE			
DATE	01-26-72	MACH. 27RNB	
LOG	600	FRAME	01
		P.No.	1785548
IBM CORP.	SDD	BLK.	GL

VB100 000

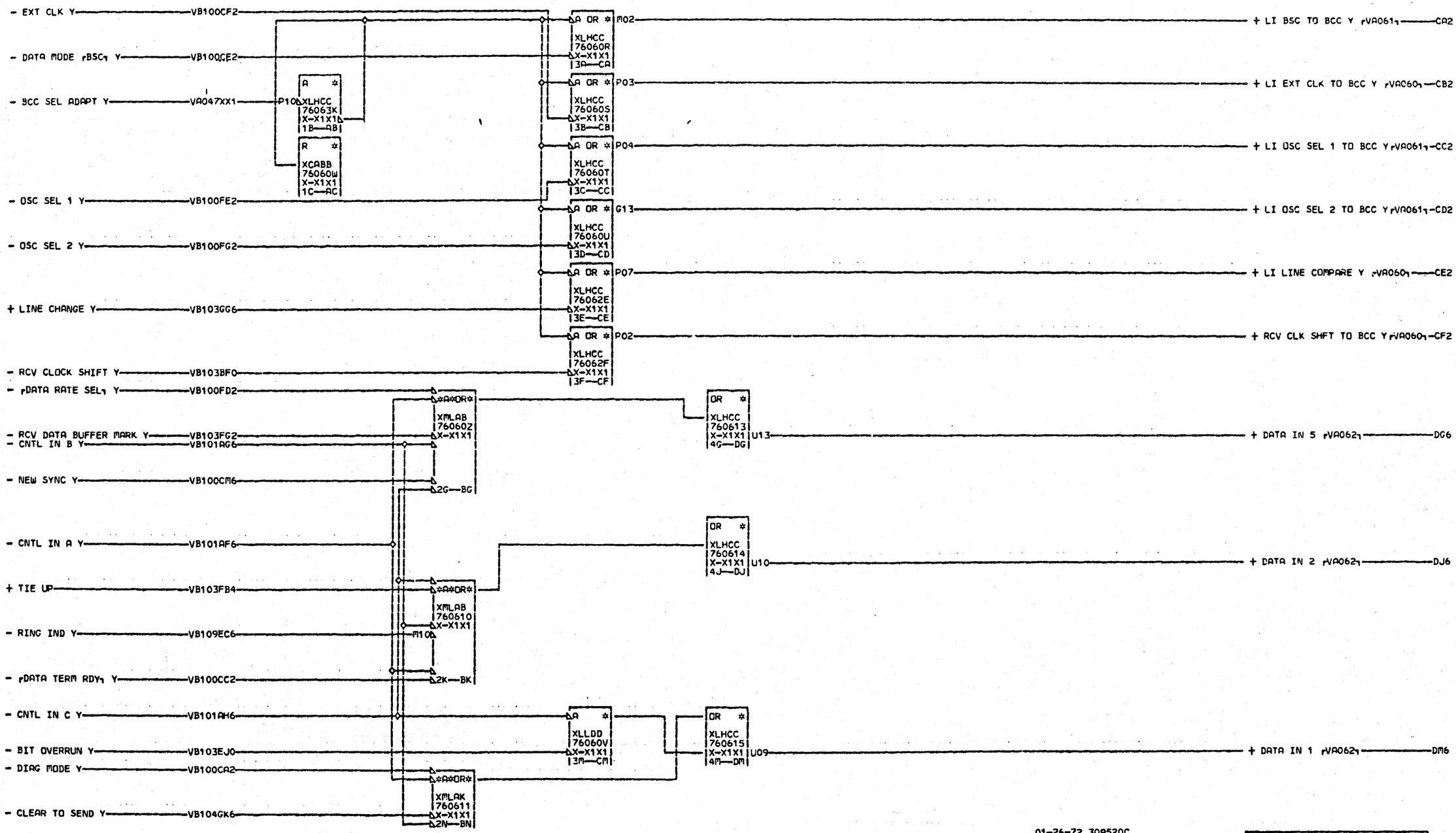
VB100 000



01-26-72 309520C

DIGITAL LINE			
DATE 01-26-72	MACH. 27RNB		VB101 000
LOG 600	FRAME 01		
	P.N. 1785549		
IBM CORP.	SDD BLK.	EN	

VB101
000



01-26-72 309520C
03-10-72 309540

DIGITAL LINE				
DATE	04-06-72	MACH.	27RNB	
LOG	255	FRAME	01	
		P.N.	1785550	
IBM CORP.	SDD	BLK.	DN	

VB102 000

VB102 000

000 VB103

- SEL LINE Y — VA048XX1 — VB102 - RCV CLOCK SHIFT Y — BF0

R * XCABB 76062M X-X1X1 2A—BA

+ RCV DATA MARK Y — VB104CL6
+ TEST DATA MARK — VB100EN6
+ CD (DATA TERM RDY) Y — VB100CC6
- DIAG MODE Y — VB100CA2
- BIT OVERRUN RST — VA050CM2
+ OSC SEL 1 Y — VB100FE6

M13 A * XLLDD 76060Y X-X1X1 5B—EB
M07

BIAS * XVHLM 76061S X-X1X1 6B—FB

A * XLHCC 76061P X-X1X1 1C—BC

B09 *A*OR* XMLAC 76061F X-X1X1

- OSC SEL 2 Y — VB100FG2
+ XMIT OSC 1 — VA031BL2
+ XMIT OSC 0 — VA031BC2
- OSC SEL 1 Y — VB100FE2
+ XMIT OSC 2 — VA031BN2
+ OSC SEL 2 Y — VB100FG6
+ XMIT OSC 3 — VA031DN2

D06
B07
B10 3C—CC

+ TIE UP — FB4
VB102 — VB104

CLOCK SHIFT TR

- RCV CLOCK Y — VB104CE6

A * XLLDD 76060X X-X1X1 1F—AF

*OR*F* XMVAH 76060K X-X1X1
N
N
2F—BF

*A*OR* XMLAK 76063H X-X1X1 4F—DF

RCV BUFFER TR

*A*OR* XMLAK 76061L X-X1X1 5G—EG

S07 *FF * XMLAJ N76061H X-X1X1 6G—FG

M04 *A*OR* XMLAK 76061K X-X1X1 7G—GG

VB102 + LINE CHANGE Y — GG6
VB102 - RCV DATA BUFFER MARK Y — FG2

R * XCABB 760621 X-X1X1 1H—AH
S07

- RST CLOCK SHIFT TR — VA043FA6 — M03

A * XLLDD 76060J X-X1X1 1J—AJ
P10

BIT SVC TR

*OR*F* XMVAH 760625 X-X1X1
N
4J—DJ

BIT OVERRUN TR

*OR*F* XMVAH 760626 X-X1X1
N
5J—EJ

VB102 - BIT OVERRUN Y — EJ0

*A*OR* XMLAC 76061G X-X1X1 J07

- EXT CLK Y — VB100CF2
- INT CLK Y — VB100CF6

A * XLLDD 760616 X-X1X1 1L—AL

VB101 - BIT SVC Y — DJ0
+ STROBE TEST POINT Y — CK2

- XMIT CLOCK Y — VB104GD6
- RCV MODE Y — VB100FK2
- BCC STROBE — VA050GC6
- BCC SEL ADAPT Y — VA047XX1

P05
P10 3K—CK

XMIT DATA TR

*A*OR* XMLAK 76063J X-X1X1 4M—DN

S07 *FF * XMLAJ N76061J X-X1X1 6M—EL

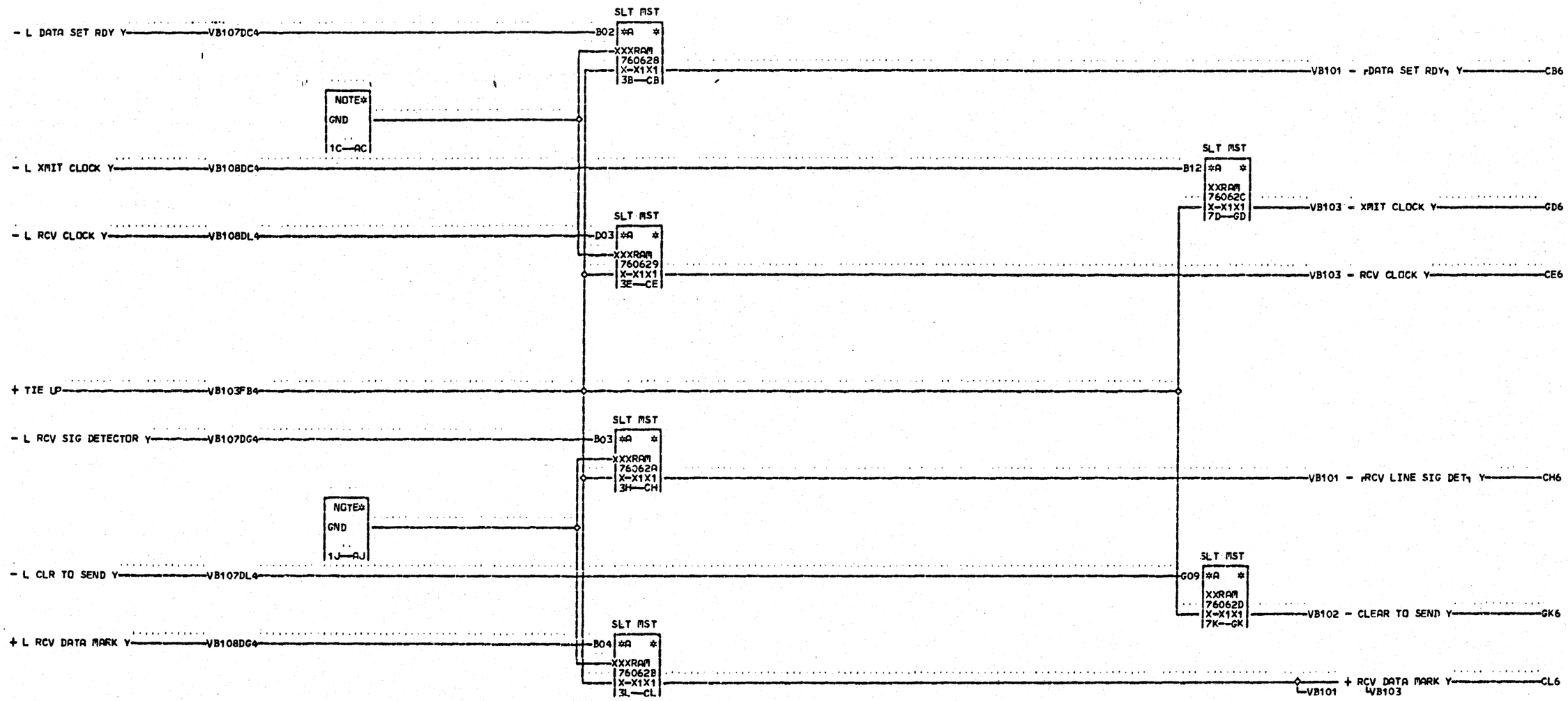
D10 — VB106 + XMIT DATA MARK Y — EL2

+ SEND DATA BUFFER Y — VB100FM2
- XMIT MODE Y — VB100CJ6
+ BIT SVC RST Y — VB100EM2
+ TEST POINT — 004

01-26-72 309520C
03-10-72 309540

DIGITAL LINE					
DATE	04-06-72	MACH.	27RNB		
LOG	255	FRAME	01		
		P.N.	1785551		
IBM CORP.	SDD	BLK.	GH		

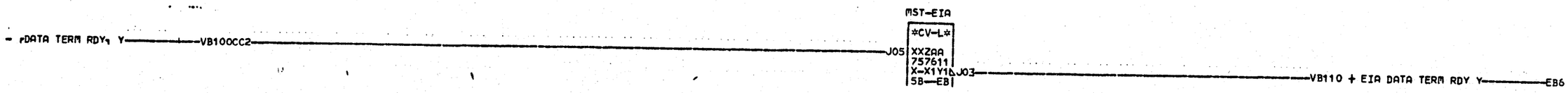
VB103 000



01-26-72 309520C

DIGITAL LINE					
DATE	01-26-72	MACH.	27RNB		VB104 000
LOG	600	FRAME	01		
		P.N.	1785552		
IBM CORP.	SDD	BLK.		GL	

VB104 000

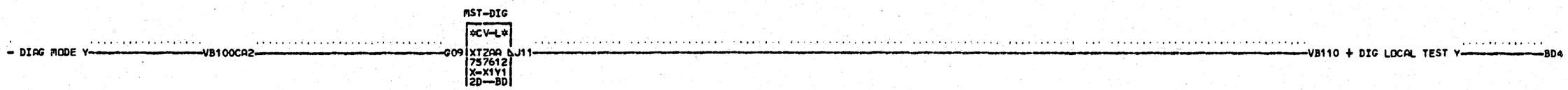


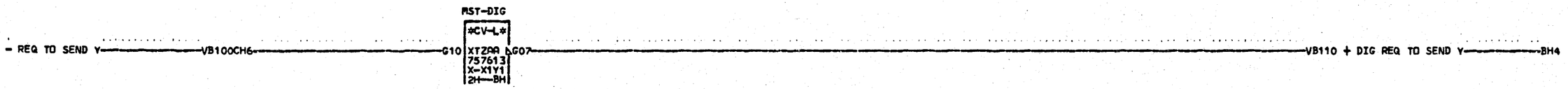
VB105
000

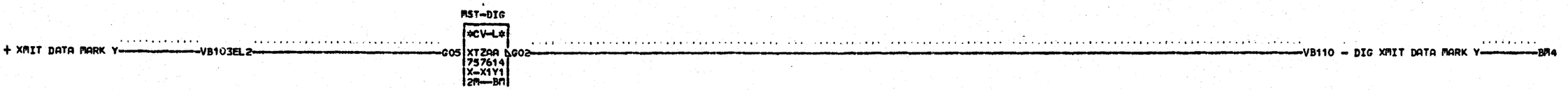
01-26-72 309520C

DIGITAL DRIVERS
DATE 01-26-72 MACH. 27RNB
LOG 600 FRAME 01
P.N. 1785553
IBM CORP. SDD BLK. FF

VB105
000

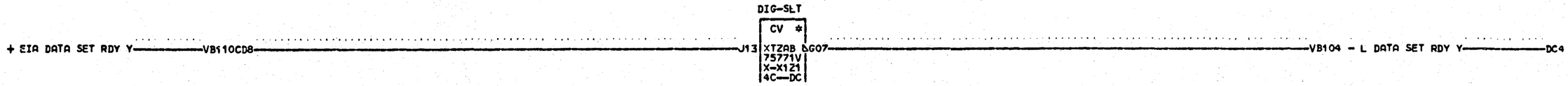






01-26-72 309520C

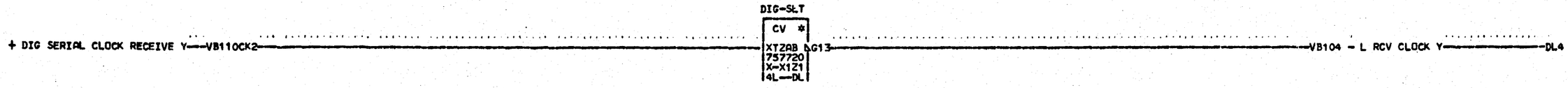
DIGITAL DRIVERS			
DATE	01-26-72 MACH. 27RNB		VB106
LOG	600 FRAME	01	000
	P.N. 1785554		
IBM CORP.	SDD BLK.	FA	



01-26-72 309520C

VB107 000

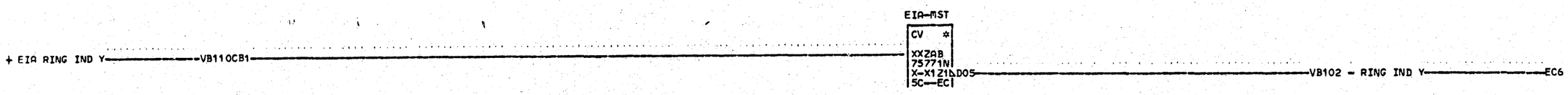
DIGITAL TERMINATOR CARD				VB107
DATE	01-26-72	MACH# 27RNB		
LOG	600	FRAME	01	
		P#N# 1785555		000
IBM CORP#	SDD	BLK#	GL	



01-26-72 309520C

DIGITAL TERMINATOR CARD				
DATE	01-26-72	MACH.	27RNB	
LOG	600	FRAME	01	VB108
		P.N.	1785556	000
IBM CORP.	SDD	BLK.	GL	

000 VB109



01-26-72 309520C

DIGITAL TERMINATORS				
DATE	01-26-72	MACH. 27RNB		
LOG	600	FRAME	01	
		P.N.	1785557	
IBM CORP.	SDD BLK.		FJ	

VB109 000

VB109 000

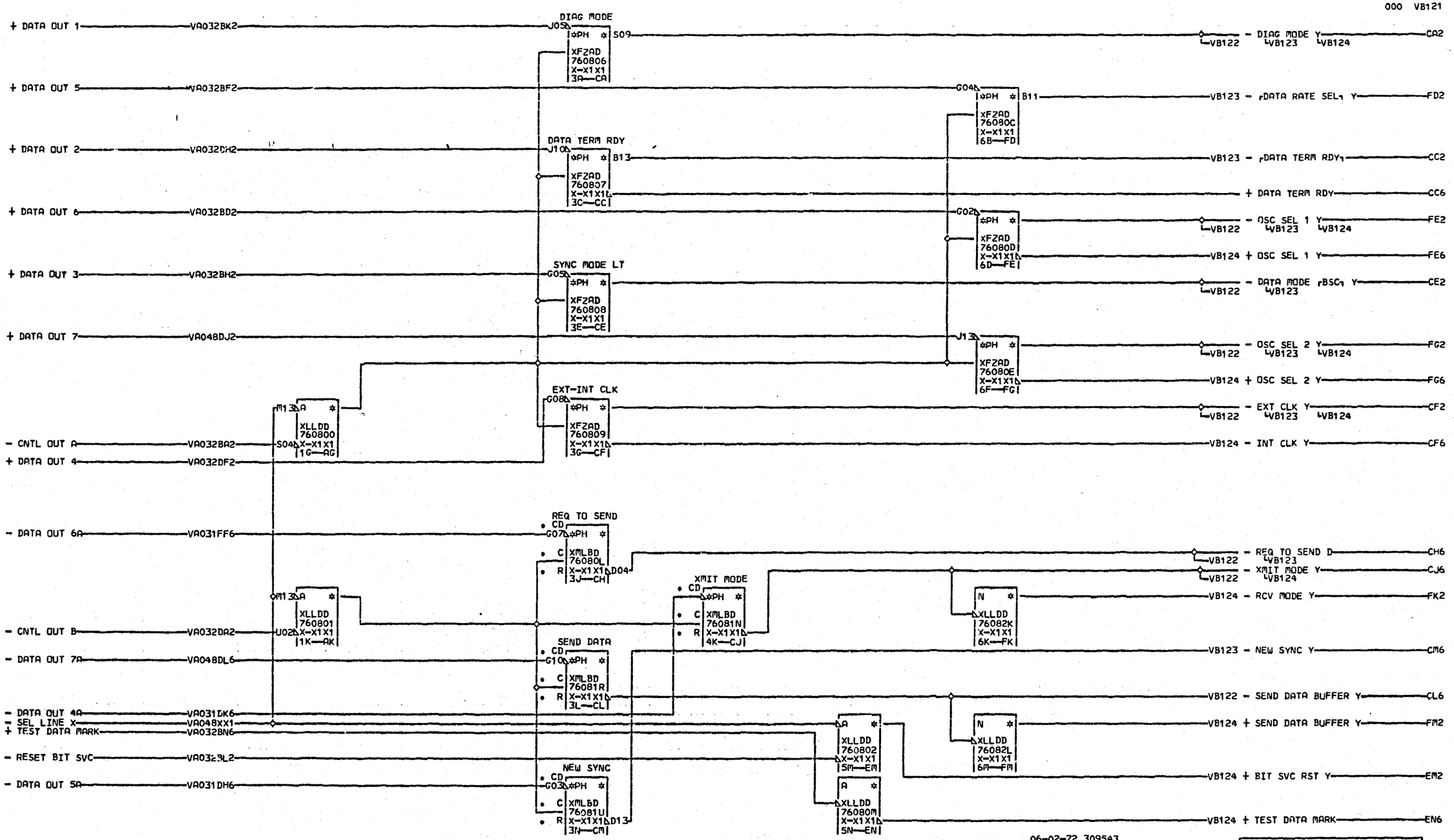
+ EIA RING IND F SHIELD Y	012	TOP CARD *CONN* P4TCC 75771L X-X121 3B—CB	VB109	+ EIA RING IND Y—CB1
+ DIG LOCAL TEST Y	VB106BD4	TOP CARD *CONN* P4TCC 75771M X-X121		+ DIG LOCAL TEST G Y—CD4
+ DIG RCV SIG DETECTOR M Y	013	3D—CD	J13 VB107	+ DIG RCV SIG DETECTOR Y—CD7
+ EIA DATA SET RDY F Y	014		J13 VB107	+ EIA DATA SET RDY Y—CD8
+ EIA DATA TERM RDY Y	VB105EB6	TOP CARD *CONN* P4TCC 75771R X-X121 3F—CF	J03	+ EIA DATA TERM RDY M SHLD Y—CF3
+ DIG REQ TO SEND Y	VB106BH4	TOP CARD *CONN* P4TCC 75771S X-X121 3H—CH		+ DIG REQ TO SEND D Y—CH2
+ DIG SERIAL CLK TRANSMIT J Y	019		D13 VB108	+ DIG SERIAL CLOCK TRANSMIT Y—CH5
+ DIG SERIAL CLK RECEIVE L Y	020	TOP CARD *CONN* P4TCC 75771T X-X121 3K—CK	VB108	+ DIG SERIAL CLOCK RECEIVE Y—CK2
- DIG XMIT DATA MARK Y	VB106BM4			- DIG XMIT DATA MARK E Y—CK5
+ DIG CLR TO SEND C Y	021		VB107	+ DIG CLR TO SEND Y—CK8
- DIG RCV DATA MARK K Y	022	TOP CARD *CONN* P4TCC 75771U X-X121 3M—CM	G09 VB108	- DIG RCV DATA MARK Y—CM7

VB110
000

01-26-72 309520C

DIGITAL TERMINATOR CARD
DATE 01-26-72 MACH. 27RNB
LOG 600 FRAME 01
P.N. 1783558
IBM CORP. SDD BLK. EL

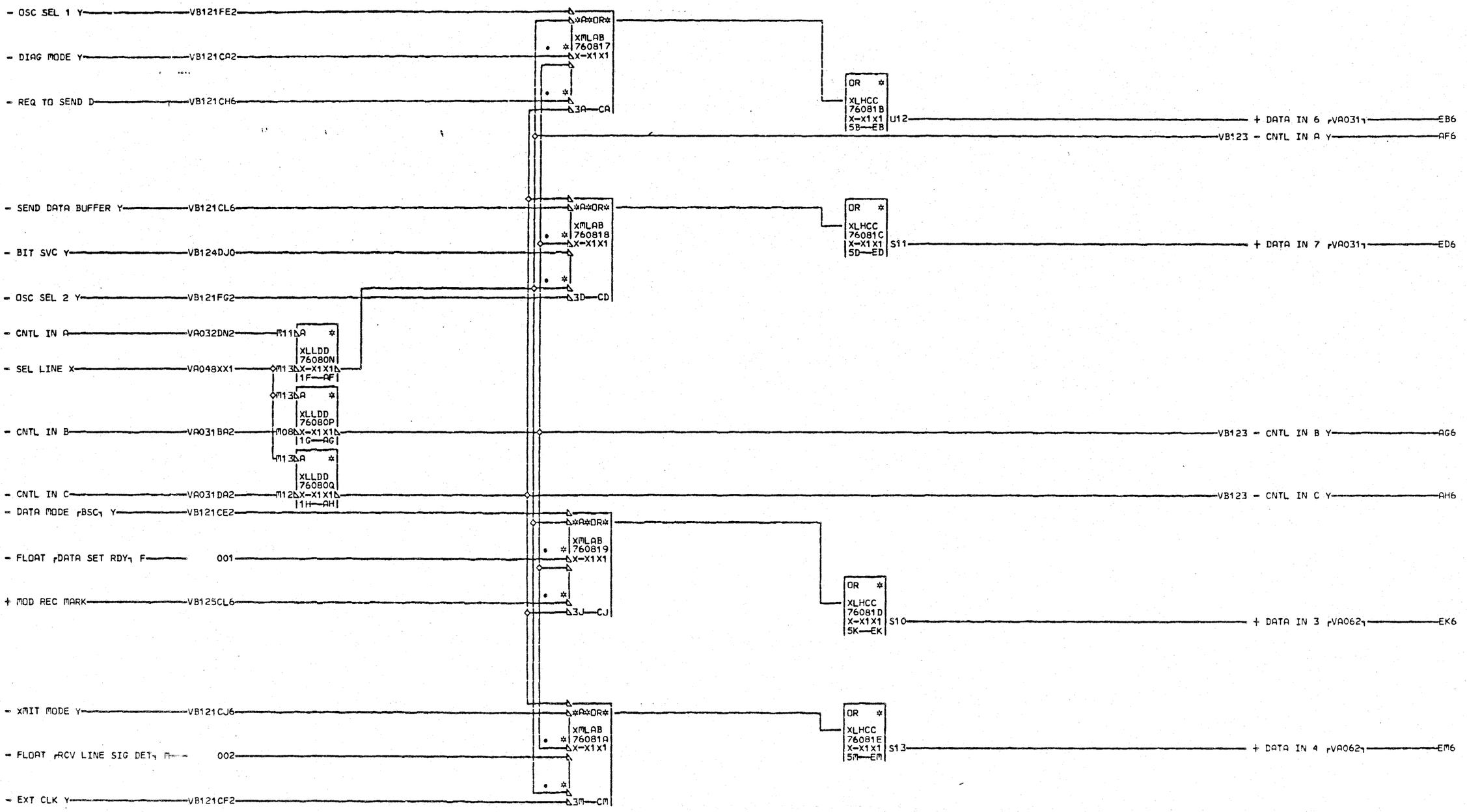
VB110
000



06-02-72 309543

MIL 188 C			
DATE 06-02-72	MACH. 27RNB		
LOG 143	FRAME 01		
	P.N. 1785980		
IBM CORP.	SDD BLK.	GL	

VB121 000

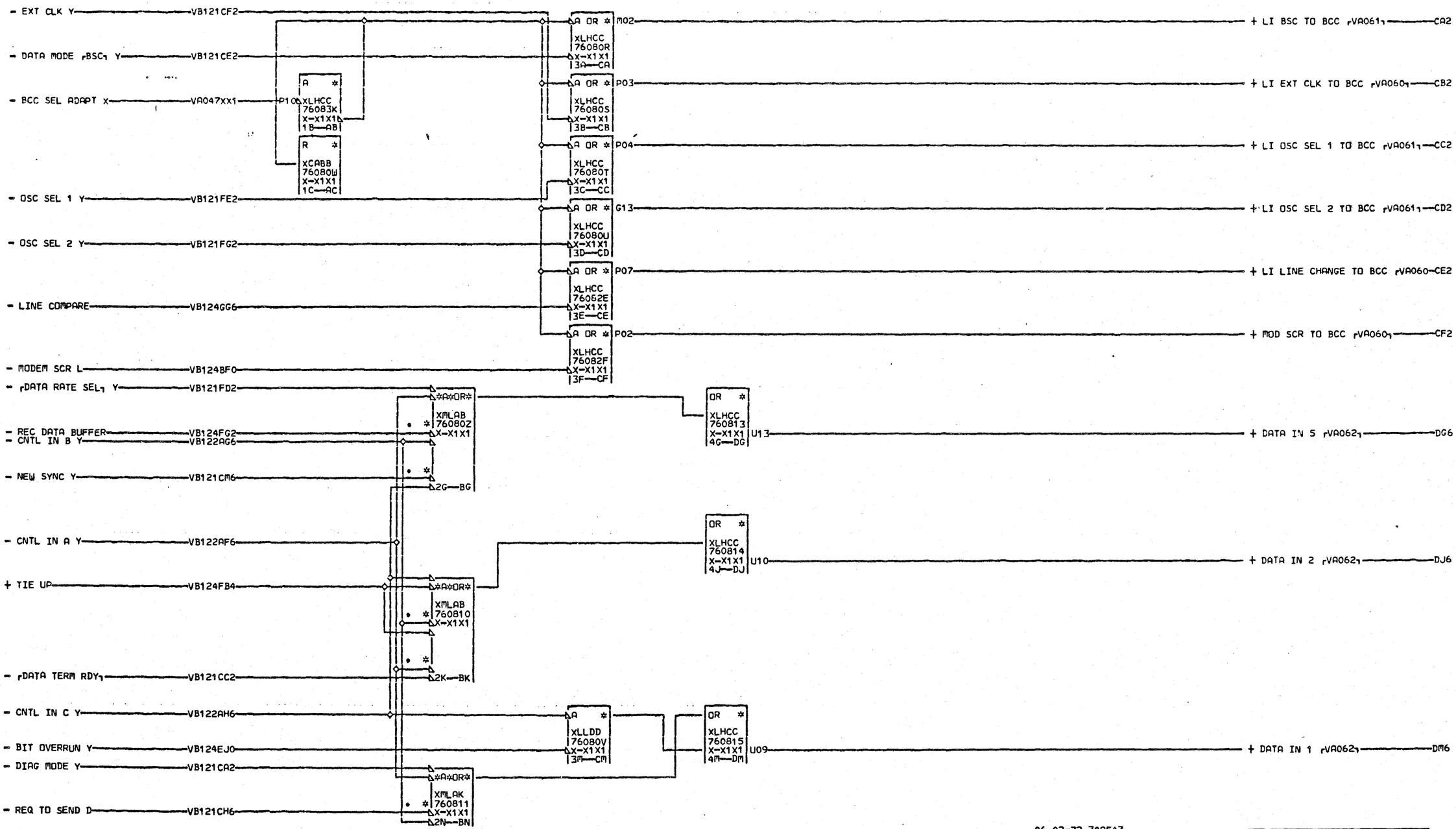


06-02-72 309543

MIL 188 C

DATE	06-02-72	MACH.	27RN3	
LOG	143	FRAME	01	
		P.N.	1785981	
IBM CORP.	SDD	BLK.	EN	

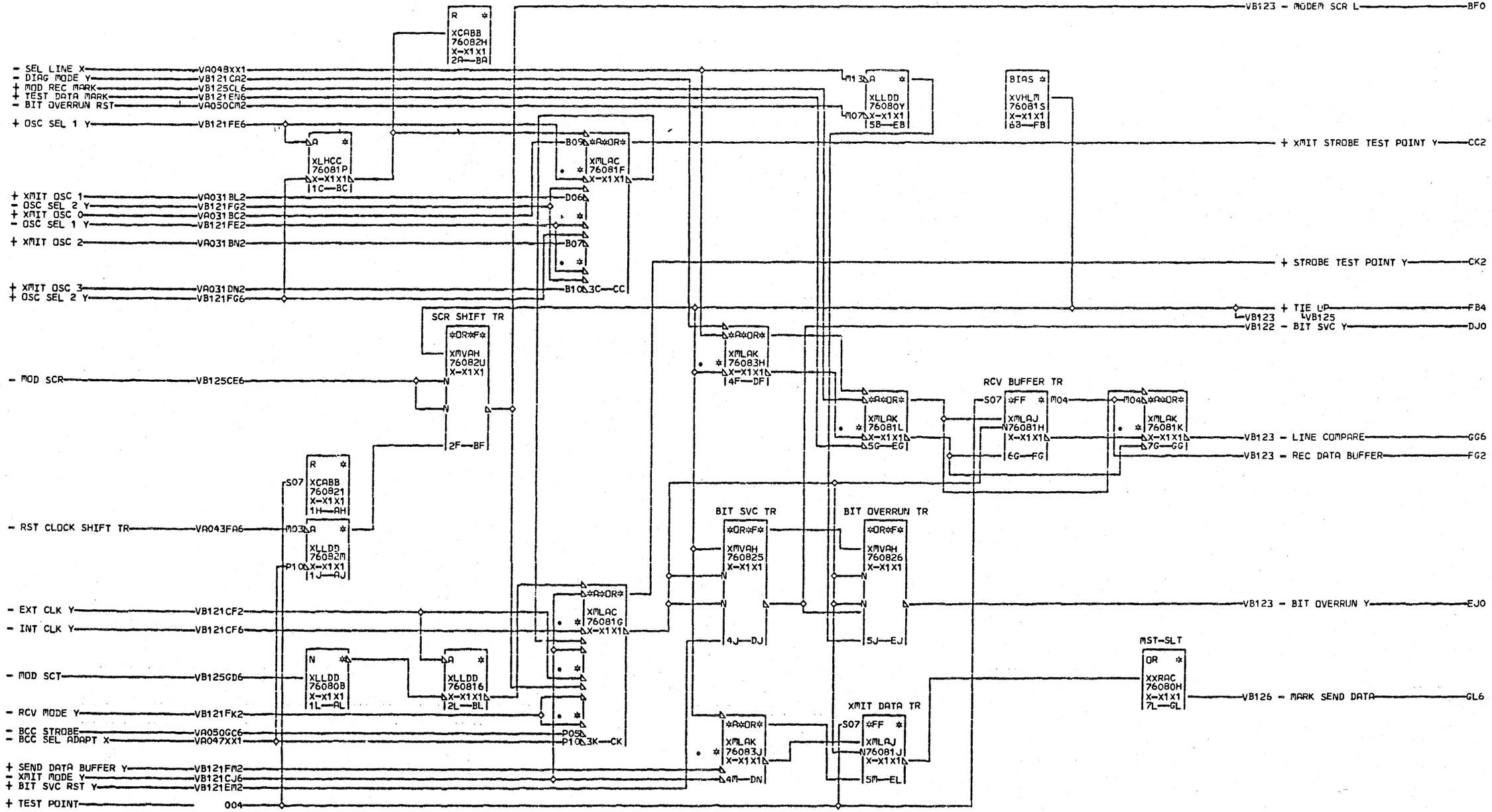
VB122 000



06-02-72 309543

MIL 188 C			
DATE	06-02-72	MACH. 27RNB	
LOG	143	FRAME	01
		P.N.	1785982
IBM CORP.	SDD BLK.		DN

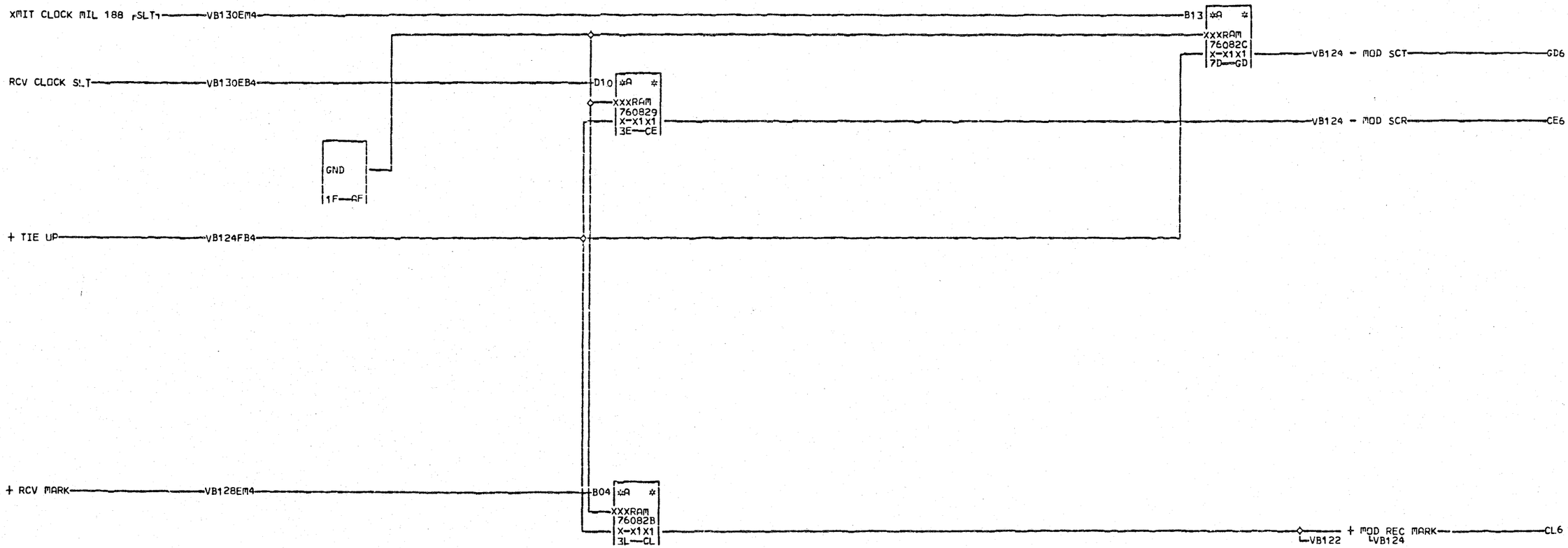
VB123 000



06-02-72 309543

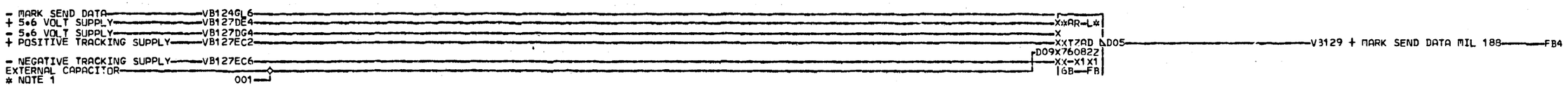
MIL 188 C			
DATE	06-02-72	MACH. 27RNB	
LOG	143	FRAME	01
		P.N.	1785983
IBM CORP.	SDD BLK.		GM

VB124 000



06-02-72 309543
11-07-72 309953

MIL 188 C			VB125
DATE 11-07-72	MACH. 27RNB		
LOG 919	FRAME	01	
	P.N. 1785984		000
IBM CORP. SDD	BLK.	GP	



NOTE 1
SEE PAGE VA007◇NOTE 6
FOR INFORMATION

VB126

000

06-02-72 309543
11-07-72 309953

MIL 188 C DRIVER				
DATE	11-07-72	MACH. 27RNB		VB126
LOG	919	FRAME	01	
		P.N.	1785985	
IBM CORP.	SDD BLK.		GH	000

PWR ✲
PQZAA
760832
X-X1X1
5C—EC

VB126 + POSITIVE TRACKING SUPPLY——EC2

VB126 - NEGATIVE TRACKING SUPPLY——EC6

+ 5.6 V

PWR ✲
PQZAB
760830
X-X1X1
4E—DE

VB126 + 5.6 VOLT SUPPLY——DE4

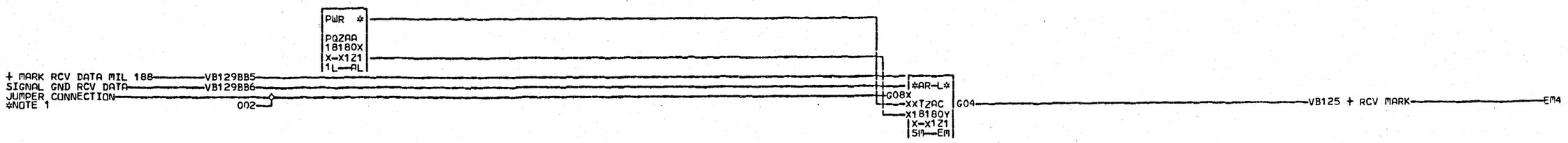
- 5.6 V

PWR ✲
PQZAC
760831
X-X1X1
4G—DG

VB126 - 5.6 VOLT SUPPLY——DG4

06-02-72 309543

MIL 188 C ZENER SUPPLY			VB127 000
DATE 06-02-72	MACH. 27RNB		
LOG 143	FRAME	01	
	P.N. 1785986		
IBM CORP.	SDD BLK.	GL	



NOTE 1 JUMPER TO
SIGNAL GND FOR LOW
INPUT IMPEDANCE ┌G08 TO J11┐.

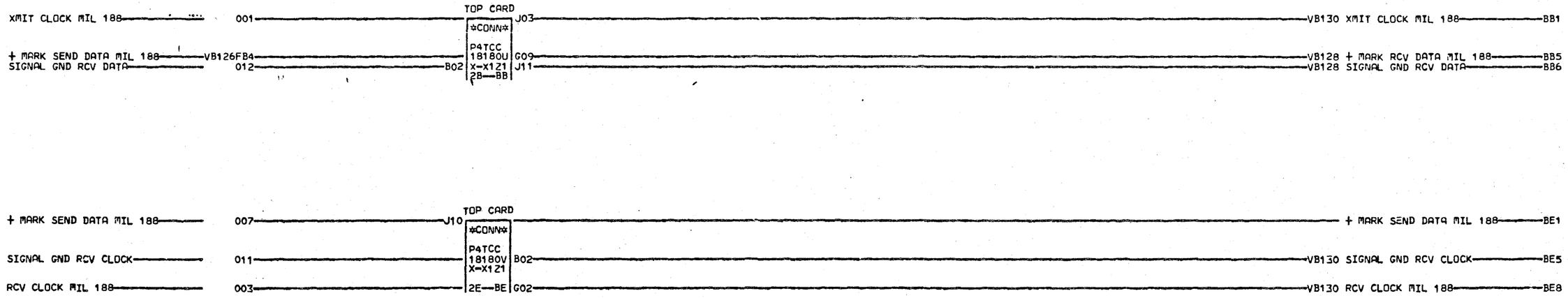
VB128

000

06-02-72 309543
11-07-72 309953

MIL 188 C TERMINATOR
RCV DATA
DATE 11-07-72 MACH. 27RNB
LOG 919 FRAME 01
P.N. 1785987
IBM CORP. SDD BLK. GP

VB128 000

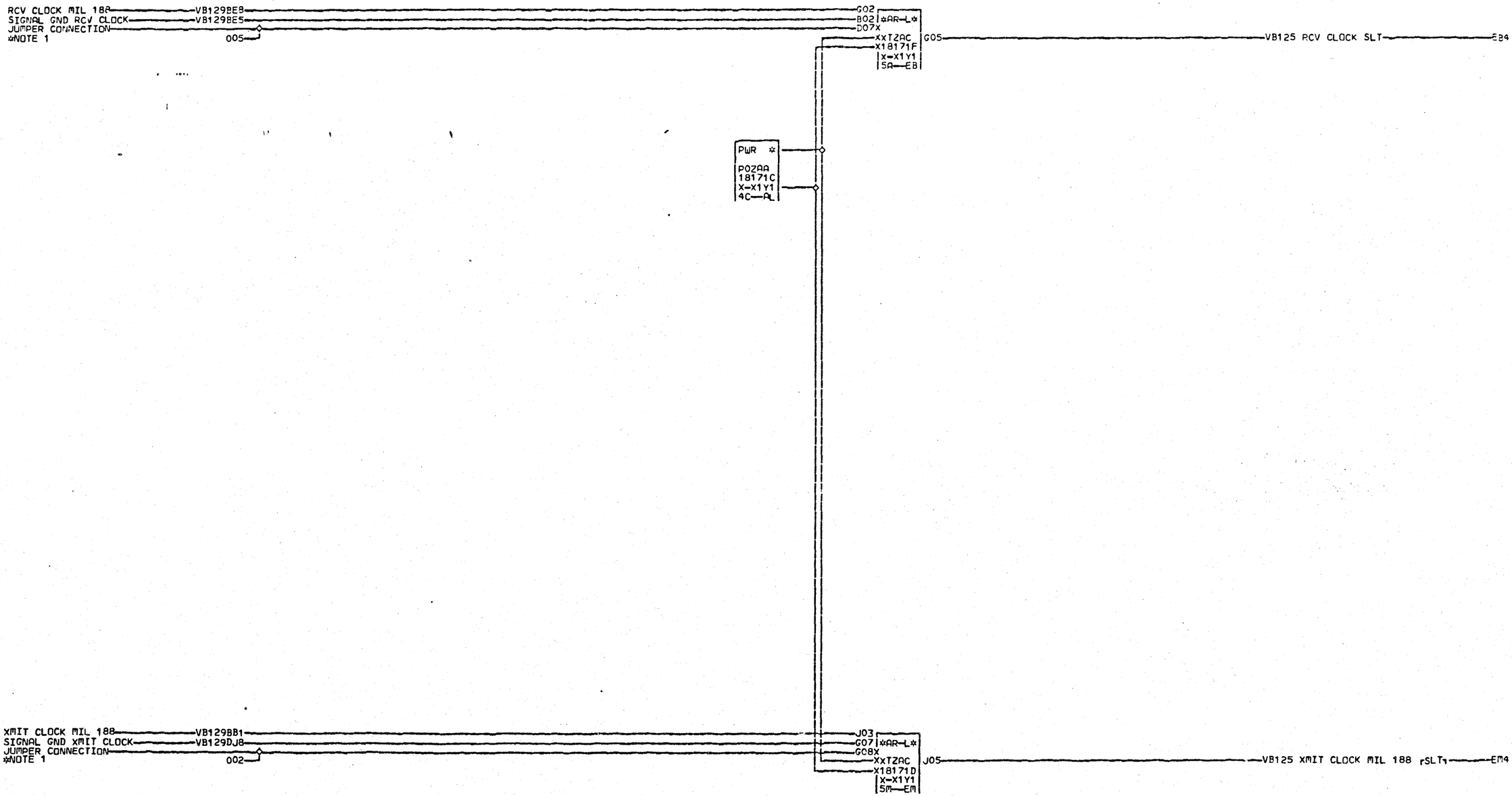


VB129
000

06-02-72 309543

MIL 188 C TOP CARD CONNECTOR					
DATE	06-02-72	MACH.	27RNB		VB129
LOG	143	FRAME	01		
		P.N.	1785988		000
IBM CORP.	SDD	BLK.	FK		

000 VB130

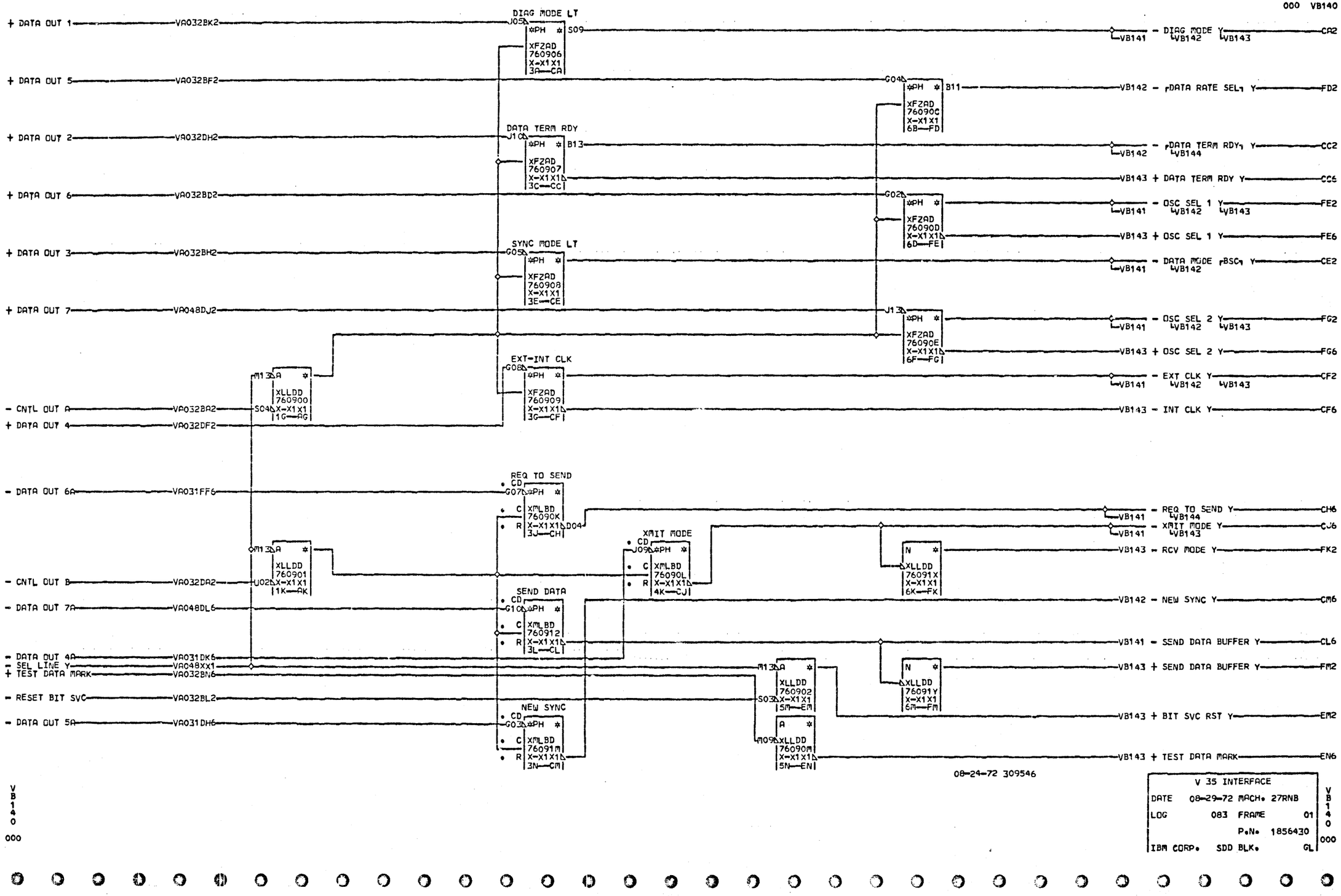


NOTE 1 JUMPER TO
SIGNAL GND FOR LOW
V INPUT IMPEDANCE
B G08 TO G07 FOR XMIT CK◇
1 D07 TO B02 FOR RCV CK.
3
0

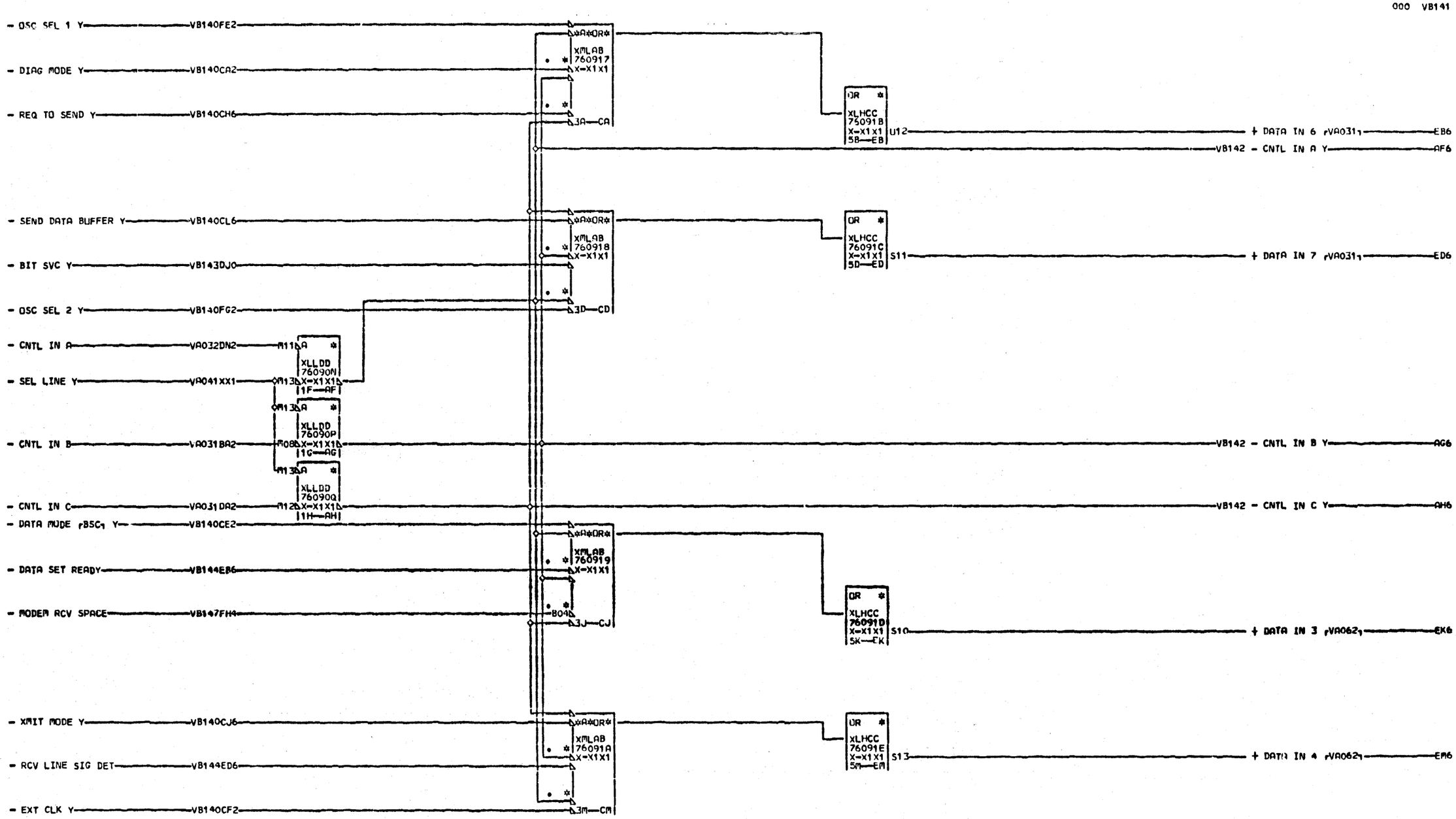
000

06-02-72 309543
11-07-72 309953

MIL 188 C TERMINATOR XMIT CLOCK		V B 1 3 0
DATE 11-07-72	MACH. 27RNB	
LOG 919	FRAME 01	
	P.N. 1785989	000
IBM CORP.	SDD BLK. GP	


+ DATA OUT 1
VA032BK2
DIAG MODE LT
J05
*PH *
XFZAD
760906
X-X1X1
3A—CA
S09
VB141 - DIAG MODE Y CA2
VB142
VB143
+ DATA OUT 5
VA032BF2
G04
*PH *
XFZAD
76090C
X-X1X1
6B—FD
B11
VB142 - DATA RATE SEL Y FD2
+ DATA OUT 2
VA032DH2
DATA TERM RDY
J10
*PH *
XFZAD
760907
X-X1X1
3C—CC
B13
VB142 - DATA TERM RDY Y CC2
VB144
VB143 + DATA TERM RDY Y CC6
+ DATA OUT 6
VA032BD2
G02
*PH *
XFZAD
76090D
X-X1X1
6D—FE
VB141 - OSC SEL 1 Y FE2
VB142
VB143
VB143 + OSC SEL 1 Y FE6
+ DATA OUT 3
VA032BH2
SYNC MODE LT
G05
*PH *
XFZAD
760908
X-X1X1
3E—CE
VB141 - DATA MODE BSC Y CE2
VB142
+ DATA OUT 7
VA048DJ2
J13
*PH *
XFZAD
76090E
X-X1X1
6F—FG
VB141 - OSC SEL 2 Y FG2
VB142
VB143
VB143 + OSC SEL 2 Y FG6
EXT-INT CLK
G08
*PH *
XFZAD
760909
X-X1X1
3G—CF
VB141 - EXT CLK Y CF2
VB142
VB143
VB143 - INT CLK Y CF6
M13
A *
XLLDD
760900
X-X1X1
1G—AG
S04
- CNTL OUT A
VA032BA2
+ DATA OUT 4
VA032DF2
- DATA OUT 6A
VA031FF6
REQ TO SEND
CD
G07
*PH *
C
XMLBD
76090K
X-X1X1
3J—CH
R
D04
VB141 - REQ TO SEND Y CH6
VB144
VB141 - XMIT MODE Y CJ6
VB143
M13
A *
XLLDD
760901
X-X1X1
1K—AK
U02
- CNTL OUT B
VA032DA2
XMIT MODE
CD
J09
*PH *
C
XMLBD
76090L
X-X1X1
4K—CJ
R
N *
XLLDD
76091X
X-X1X1
6K—FK
VB143 - RCV MODE Y FK2
- DATA OUT 7A
VA048DL6
SEND DATA
CD
G10
*PH *
C
XMLBD
760912
X-X1X1
3L—CL
R
VB142 - NEW SYNC Y CM6
VB141 - SEND DATA BUFFER Y CL6
- DATA OUT 4A
VA031DK6
- SEL LINE Y
VA048XX1
+ TEST DATA MARK
VA032BN6
M13
A *
XLLDD
760902
X-X1X1
5M—EM
S03
N *
XLLDD
76091Y
X-X1X1
6M—FM
VB143 + SEND DATA BUFFER Y FM2
- RESET BIT SVC
VA032BL2
- DATA OUT 5A
VA031DH6
NEW SYNC
CD
G03
*PH *
C
XMLBD
76091M
X-X1X1
3N—CM
R
M09
A *
XLLDD
76090M
X-X1X1
5N—EN
VB143 + BIT SVC RST Y EM2
VB143 + TEST DATA MARK EN6
08-24-72 309546
V 35 INTERFACE
DATE 08-29-72 MACH. 27RNB
LOG 083 FRAME 01
P.N. 1856430
IBM CORP. SDD BLK. GL
VB140
000

000 VB141

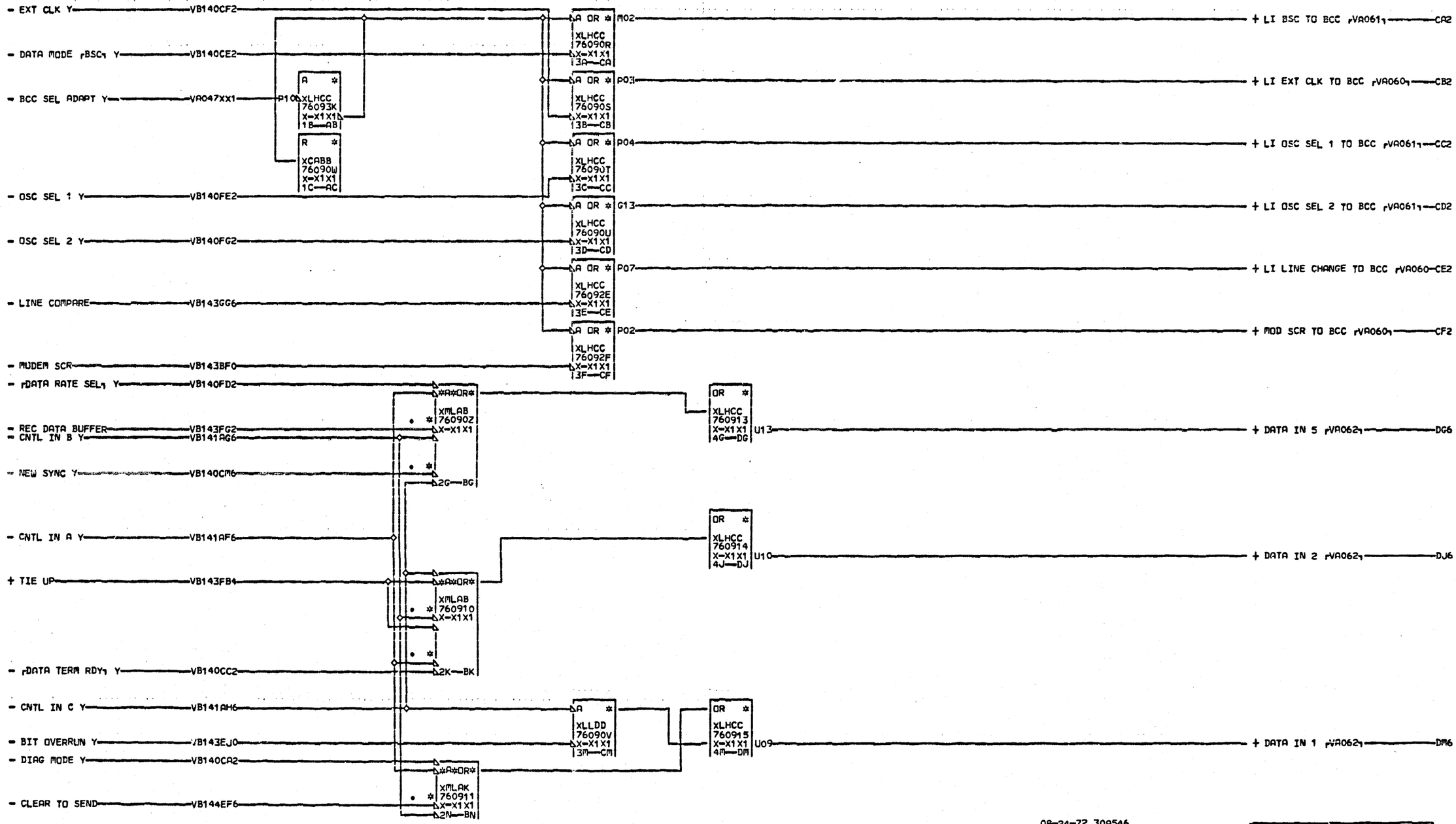


08-24-72 309546

V35 INTERFACE

DATE	08-29-72	MACH.	27RNB	
LOG	083	FRAME	01	
		P.N.	1856431	
IBM CORP.	SDD BLK.		EN	

VB141 000



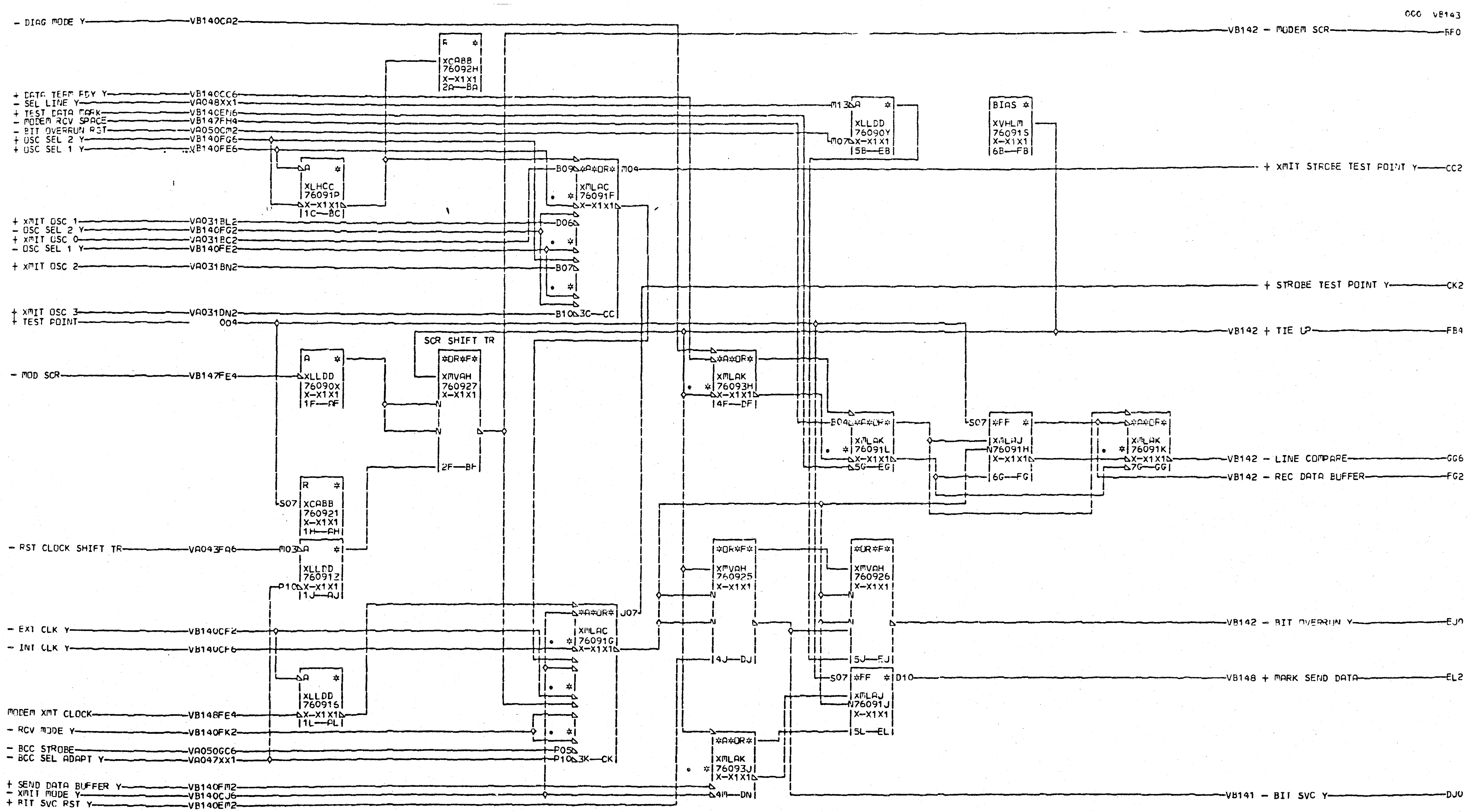
08-24-72 309546

V35 INTERFACE

DATE	08-29-72	MACH. 27RNB	
LOG	083	FRAME	01
		P.N.	1856432
IBM CORP.	SDD BLK.		DN

VB142 000

VB142 000

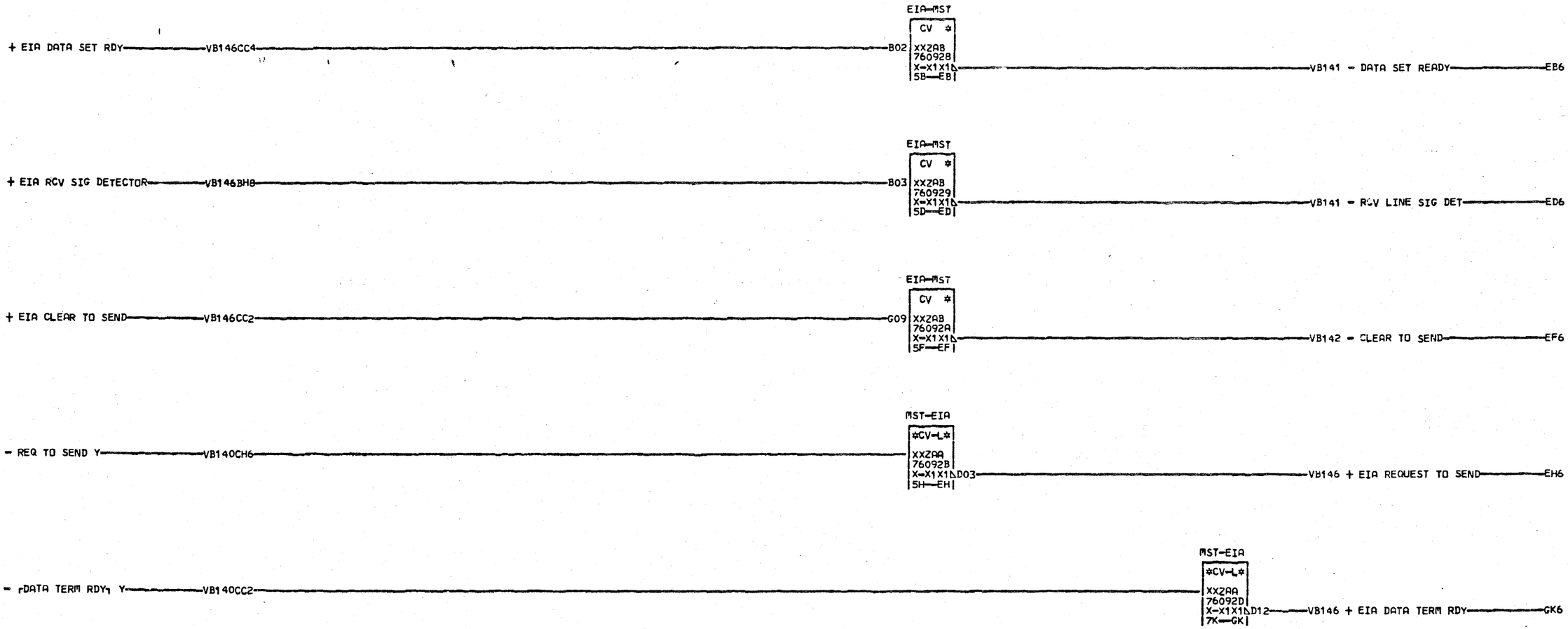


08-24-72 309546
09-30-74 311266

VB143
000

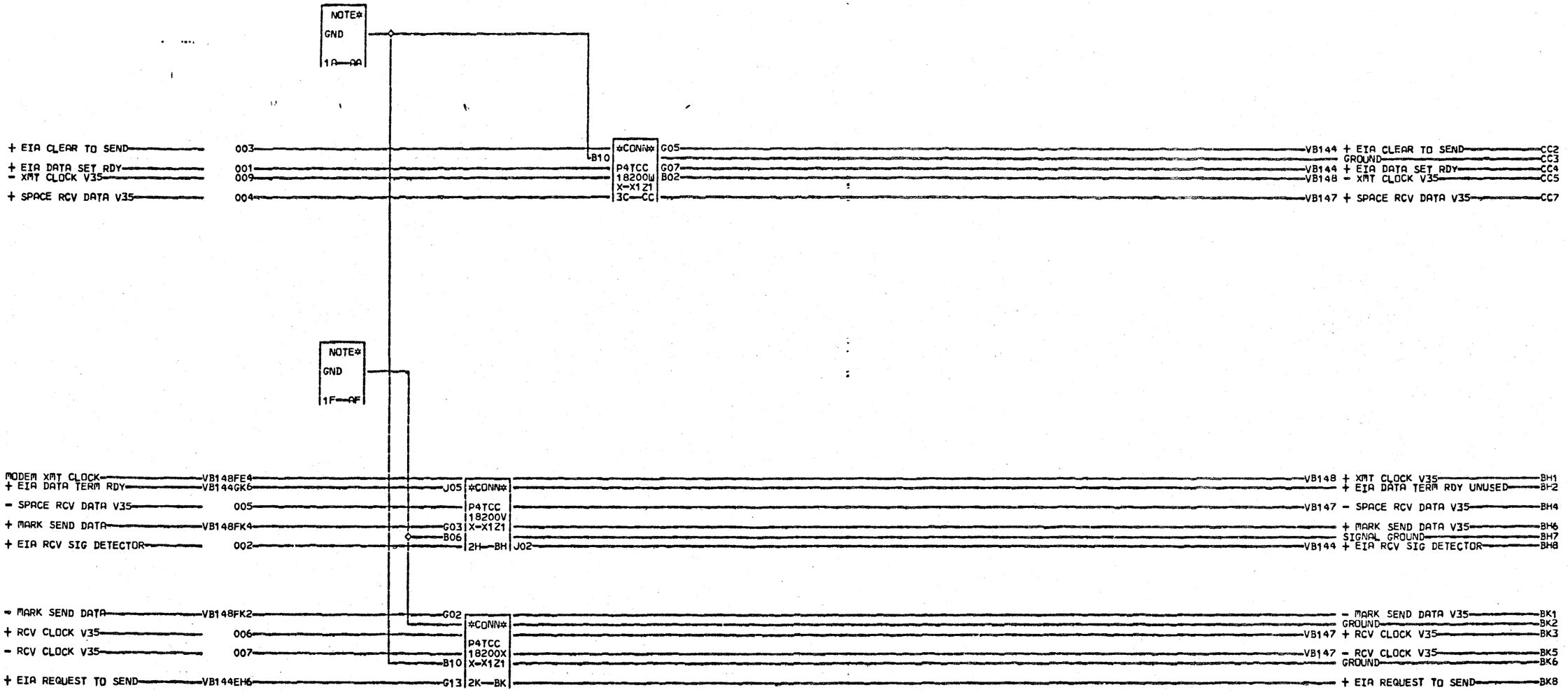
V35 INTERFACE	
DATE 05-08-74	MACH. 27RNB
LOG 459	FRAME 01
	P.N. 1856433
IBM CORP.	SUB BLK. GH

VB143
000



08-24-72 309546

V35 INTERFACE EIA CIRCUITS					
DATE	08-29-72	MACH.	27RNB		VB144 000
LOG	083	FRAME	01		
		P.N.	1856434		
IBM CORP.	SDD	BLK.	GP		



V
B
1
4
6

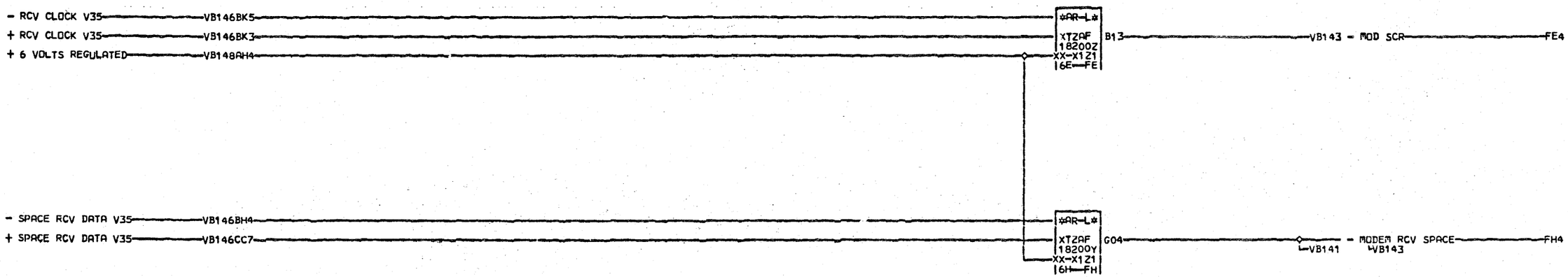
000

08-28-72 309546

V35 TOP CARD CONNECTOR			
DATE	08-29-72	MACH*	27RNB
LOG	130	FRAME	01
		P.N*	1856435
IBM CORP*	SDD	BLK*	GP

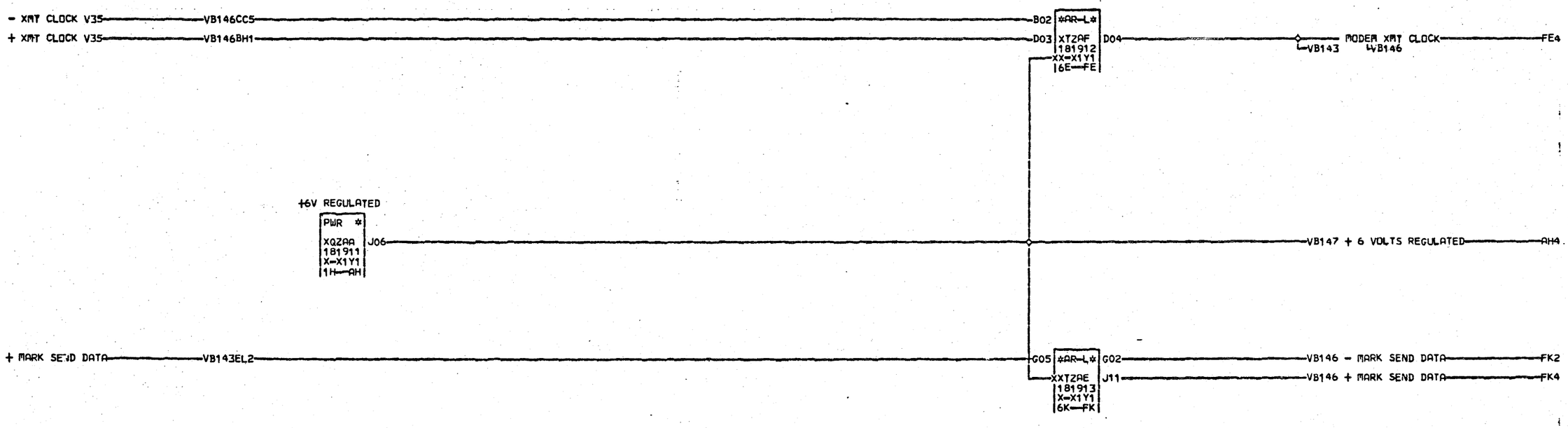
V
B
1
4
6

000



08-24-72 309546

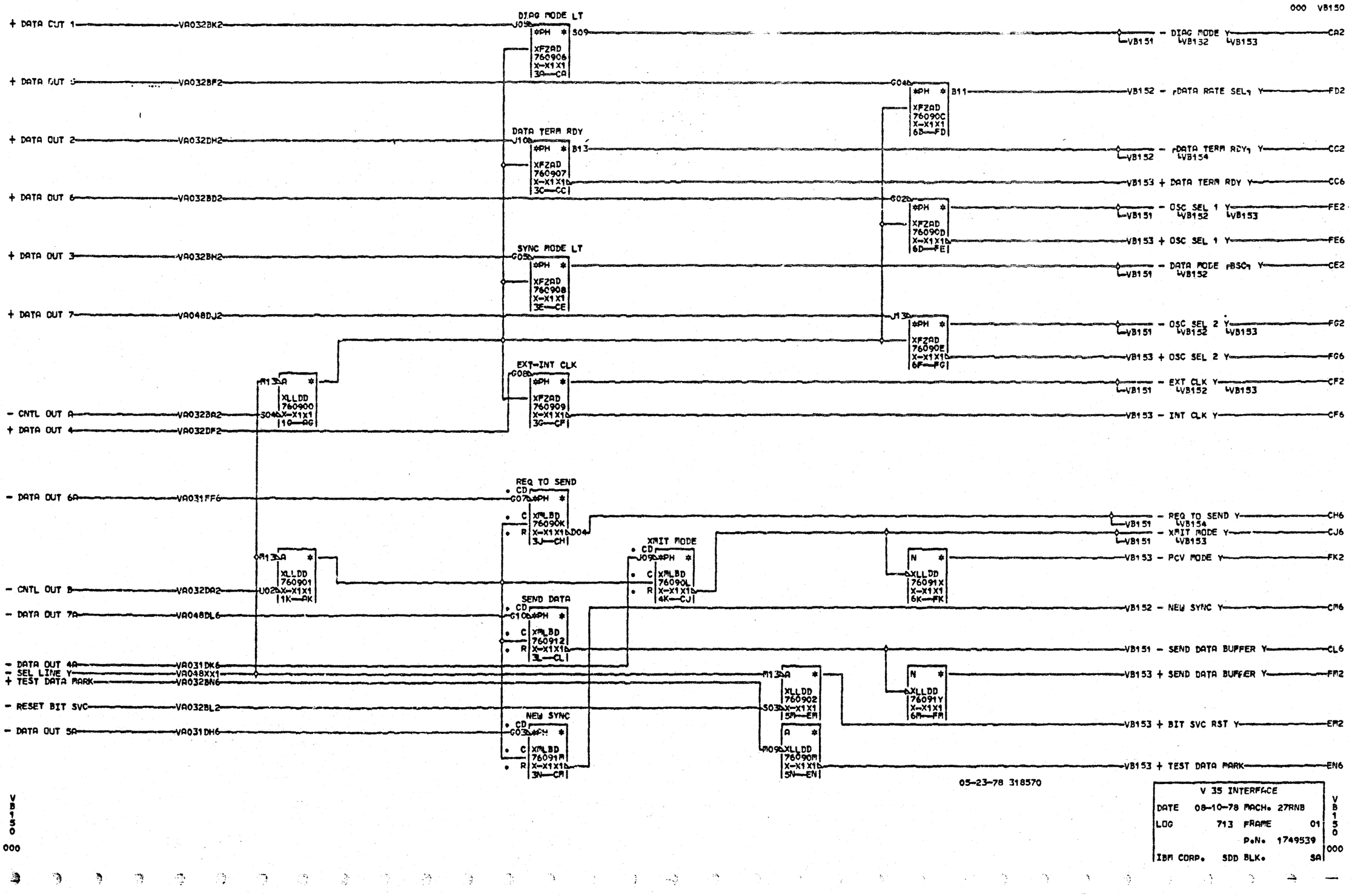
V35 TERMINATOR RCV CLOCK				
DATE	08-29-72	MACH. 27RNB		VB147
LOG	083	FRAME	01	
		P.N.	1856436	
IBM CORP.	SDD	BLK.	GP	000



08-28-72 309546

V35 TERMINATOR XMT CLOCK			VB148 000
DATE	08-29-72	MACH. 27RNB	
LOG	130	FRAME 01	
		P.N. 1856437	
IBM CORP.	SDD	BLK. FL	

VB148 000


000 VB150
+ DATA OUT 1
VA032BK2
DIAG MODE LT
J05
*PH *
XFZAD
760906
X-X1X1
3A—CA
S09
- DIAG MODE Y
VB151
VB152
VB153
CA2
+ DATA OUT 5
VA032BF2
C04
*PH *
XFZAD
76090C
X-X1X1
6B—FD
B11
VB152 - DATA RATE SEL Y
FD2
+ DATA OUT 2
VA032DH2
DATA TERM RDY
J10
*PH *
XFZAD
760907
X-X1X1
3C—CC
B13
- DATA TERM RDY Y
VB152
VB154
CC2
VB153 + DATA TERM RDY Y
CC6
+ DATA OUT 6
VA032BD2
C02
*PH *
XFZAD
76090D
X-X1X1
6D—FE
- OSC SEL 1 Y
VB151
VB152
VB153
FE2
VB153 + OSC SEL 1 Y
FE6
+ DATA OUT 3
VA032BH2
SYNC MODE LT
C05
*PH *
XFZAD
760908
X-X1X1
3E—CE
- DATA MODE BSC Y
VB151
VB152
CE2
+ DATA OUT 7
VA048DJ2
M13
*PH *
XFZAD
76090E
X-X1X1
6F—FG
- OSC SEL 2 Y
VB151
VB152
VB153
FG2
VB153 + OSC SEL 2 Y
FG6
EXT-INT CLK
C08
*PH *
XFZAD
760909
X-X1X1
3C—CF
- EXT CLK Y
VB151
VB152
VB153
CF2
VB153 - INT CLK Y
CF6
M13A *
XLLDD
760900
X-X1X1
1B—AG
S04
- CNTL OUT A
VA032BA2
+ DATA OUT 4
VA032DF2
- DATA OUT 6A
VA031FF6
REQ TO SEND
C07
*PH *
XMLBD
76090K
X-X1X1
3J—CH
D04
- REQ TO SEND Y
VB151
VB154
CH6
- XMIT MODE Y
VB151
VB153
CJ6
M13A *
XLLDD
760901
X-X1X1
1K—AK
U02
- CNTL OUT B
VA032DA2
XMIT MODE
J09
*PH *
XMLBD
76090L
X-X1X1
4K—CJ
N *
XLLDD
76091X
X-X1X1
6K—FK
VB153 - PCV MODE Y
FK2
SEND DATA
C10
*PH *
XMLBD
760912
X-X1X1
3L—CL
- DATA OUT 7A
VA048DL6
VB152 - NEW SYNC Y
CM6
VB151 - SEND DATA BUFFER Y
CL6
- DATA OUT 4A
VA031DK6
- SEL LINE Y
VA048XX1
M13A *
XLLDD
760902
X-X1X1
5A—EM
S03
N *
XLLDD
76091Y
X-X1X1
6A—FM
VB153 + SEND DATA BUFFER Y
FM2
+ TEST DATA MARK
VA032BN6
- RESET BIT SVC
VA032BL2
VB153 + BIT SVC RST Y
EM2
- DATA OUT 5A
VA031DH6
NEW SYNC
C03
*PH *
XMLBD
76091M
X-X1X1
3N—CM
A *
M09 XLLDD
76090M
X-X1X1
5V—EN
VB153 + TEST DATA MARK
EN6
05-23-78 318570
V 35 INTERFACE
DATE 08-10-78 MACH. 27RNB
LOG 713 FRAME 01
P.N. 1749539
IBM CORP. SDD BLK. 5A
VB150 000
VB150 000

000 VB151

- OSC SEL 1 Y — VB150FE2 — *A*OR* — XFLAB 760917 X-X1X1
- DIAG MODE Y — VB150CA2
- REQ TO SEND Y — VB150CH6 — 3A — CA

OR * XLHCC 76091B X-X1X1 5B — EB — U12 — + DATA IN 6 (VA031) — EB6

VB152 - CNTL IN A Y — AF6

- SEND DATA BUFFER Y — VB150CL6 — *A*OR* — XMLAB 760918 X-X1X1
- BIT SVC Y — VB153DJ0
- OSC SEL 2 Y — VB150FG2 — 3D — CD

OR * XLHCC 76091C X-X1X1 5D — ED — S11 — + DATA IN 7 (VA031) — ED6

- CNTL IN A — VA032DN2 — M11 — A — XLLDD 76090N X-X1X1 1F — AF
- SEL LINE Y — VA041XX1 — M13 — A — XLLDD 76090P X-X1X1 1G — AG
- CNTL IN B — VA031BA2 — M08 — A — XLLDD 76090Q X-X1X1 1H — AH
- CNTL IN C — VA031DA2 — M12 — A

VB152 - CNTL IN B Y — AG6

VB152 - CNTL IN C Y — AH6

- DATA MODE (BSC) Y — VB150CE2 — *A*OR* — XMLAB 760919 X-X1X1
- DATA SET READY — VB154EB6
- RECEIVE SPACE — VB157GF4 — B04 — 3J — CJ

OR * XLHCC 76091D X-X1X1 5K — EK — S10 — + DATA IN 3 (VA062) — EK6

- XMIT MODE Y — VB150CJ6 — *A*OR* — XMLAB 76091A X-X1X1
- RCV LINE SIG DET — VB154ED6
- EXT CLK Y — VB150CF2 — 3P — CA

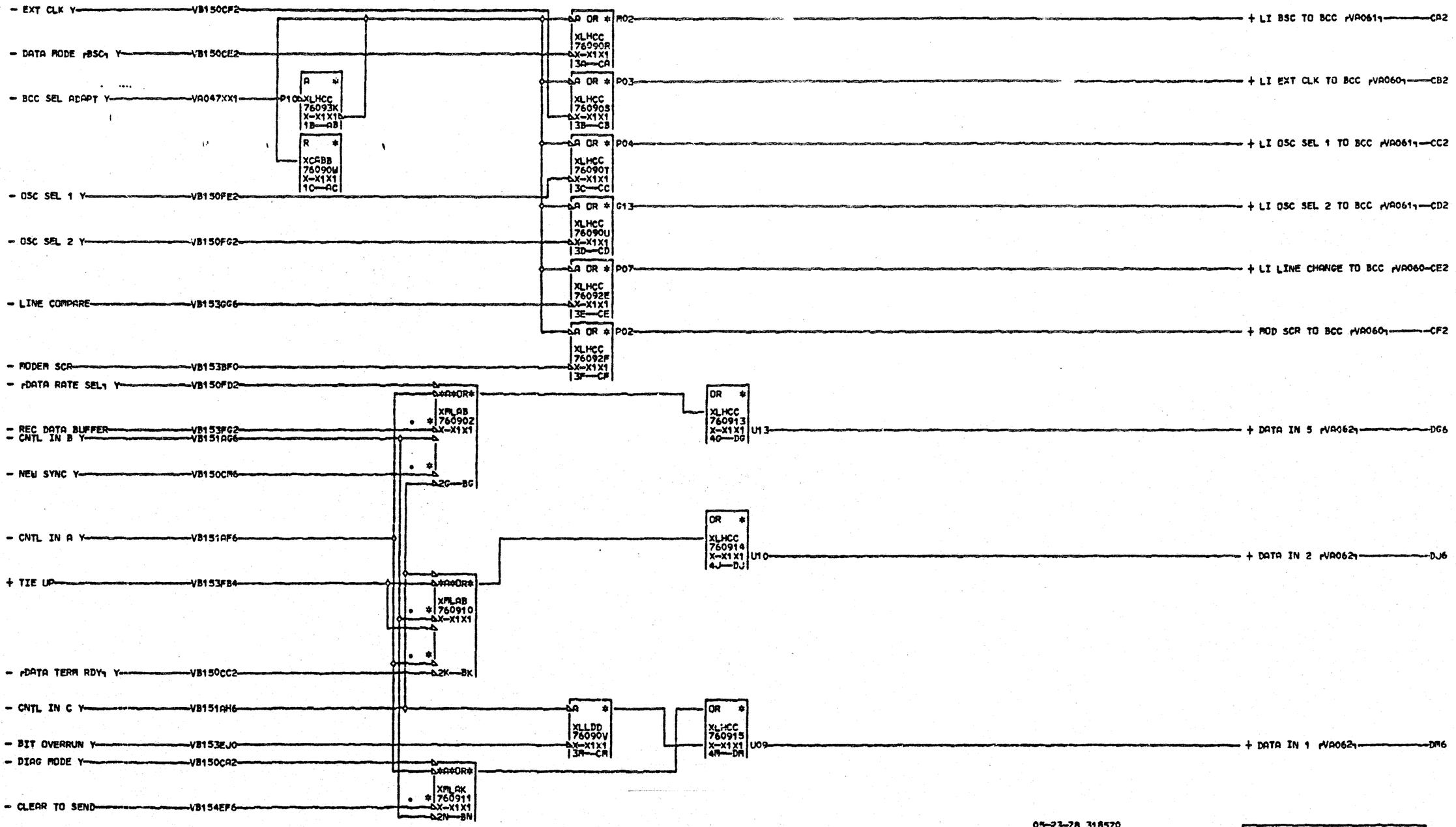
OR * XLHCC 76091E X-X1X1 5A — EA — S13 — + DATA IN 4 (VA062) — EA6

05-23-78 318570

V35 INTERFACE

DATE	08-10-78	MACH.	27RNB	
LOG	713	FRAME	01	
		P.N.	1749540	
IBM CORP.	SDD	BLK.	SA	

VB151 000

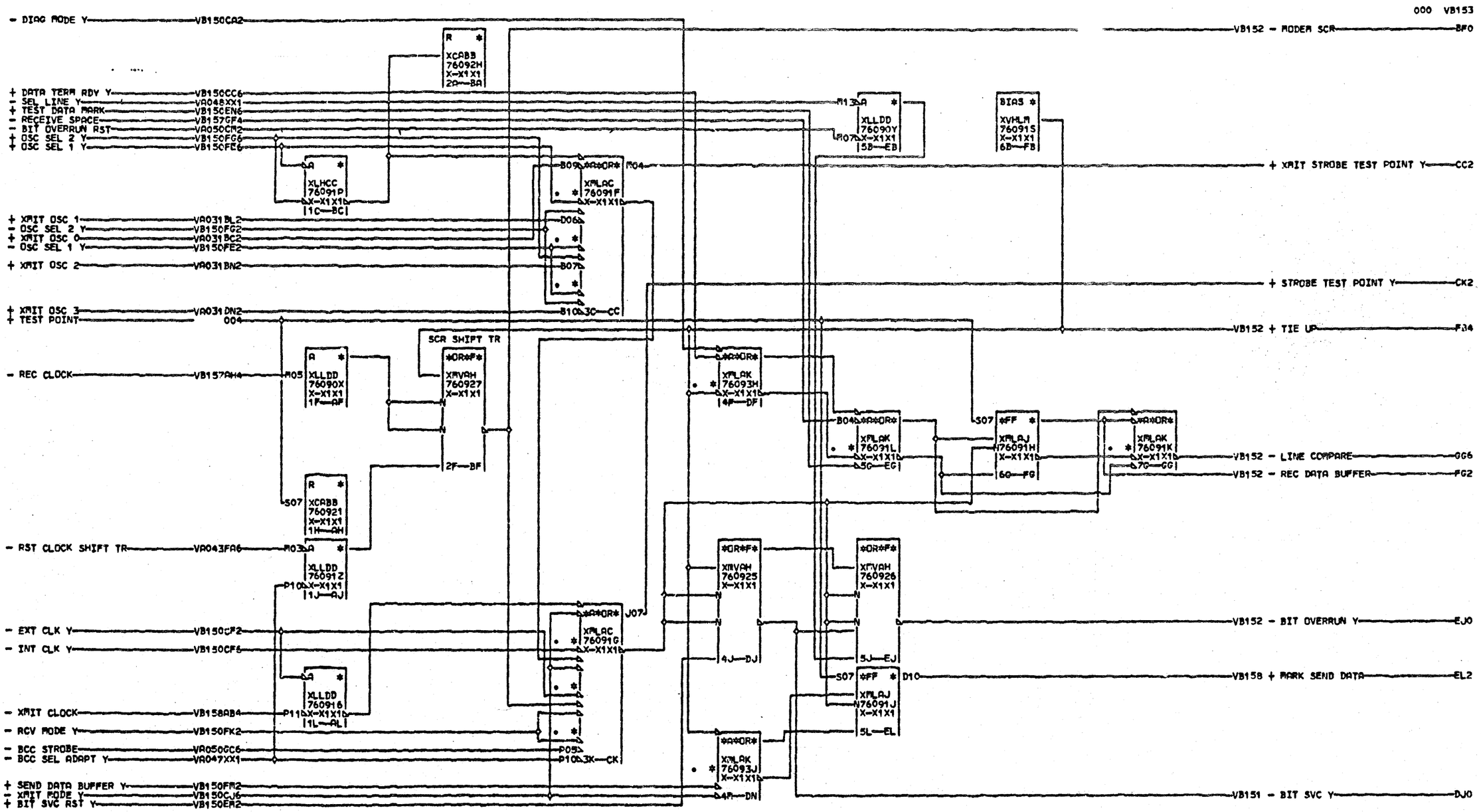


05-23-78 318570

V35 INTERFACE

DATE	08-10-78	MACH.	27RNB
LOG	713	FRAME	01
		P.No.	1749541
IBM CORP.	SDD	BLK.	SA

VB152 000

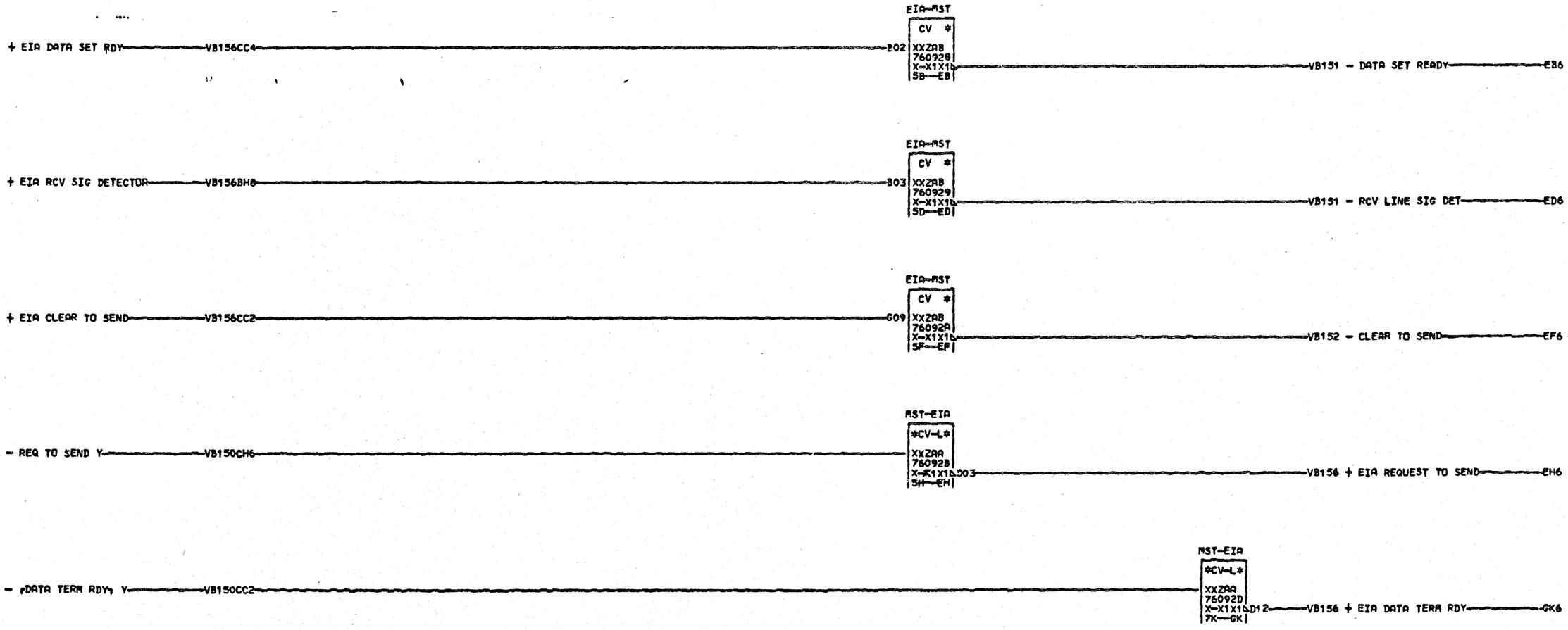


05-23-78 318570

V35 INTERFACE			
DATE	08-10-78 MACH. 27RNB		
LOG	713	FRAME	01
		P.N.	1749542
IBM CORP.	SDD BLK.		SA

VB153 000

VB153 000

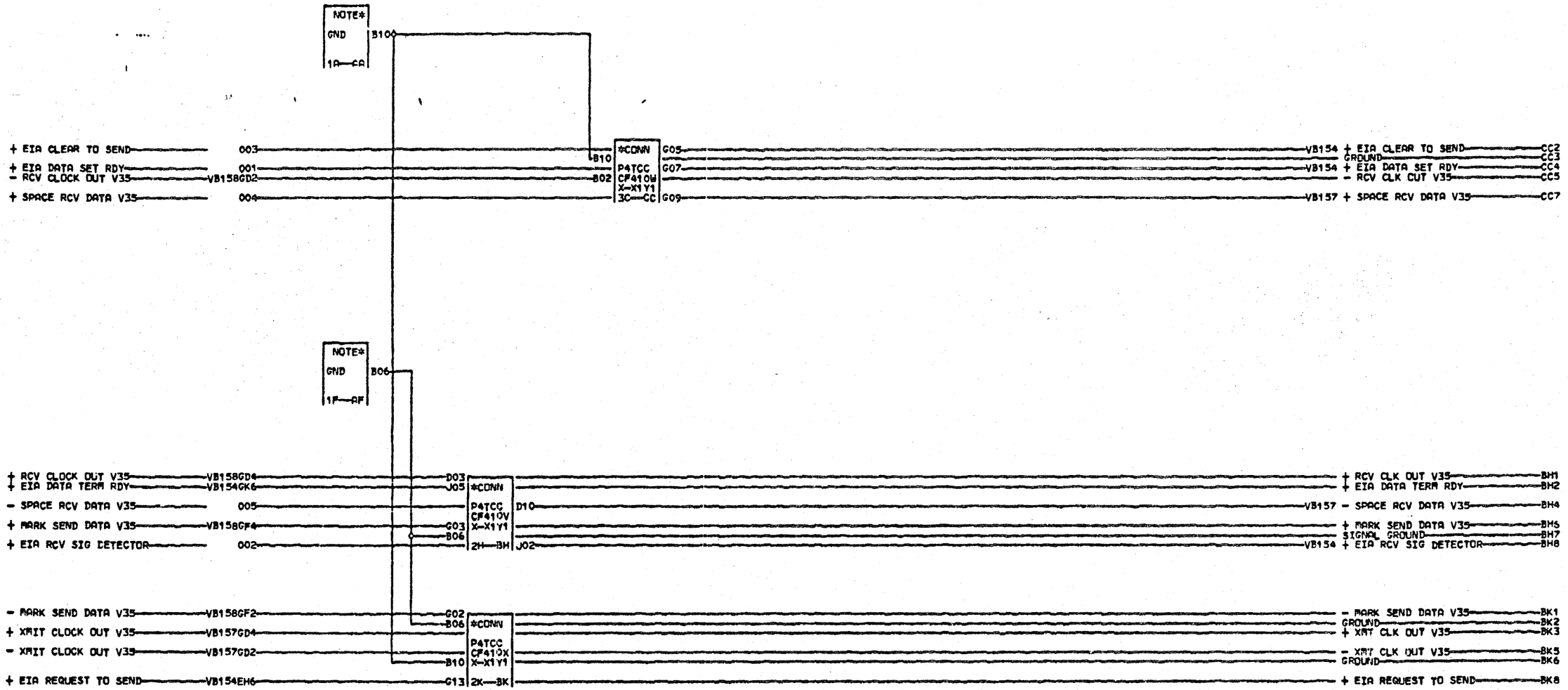


05-23-78 318570

V35 INTERFACE EIA CIRCUITS				
DATE	08-10-78	MACH.	27RNB	
LOG	713	FRAME	01	
		P.N.	1749543	
IBM CORP.	SDD	BLK.	SA	

VB154 000 VB154 000

000 VB156



05-23-78 318570

V35 TOP CARD CONNECTOR

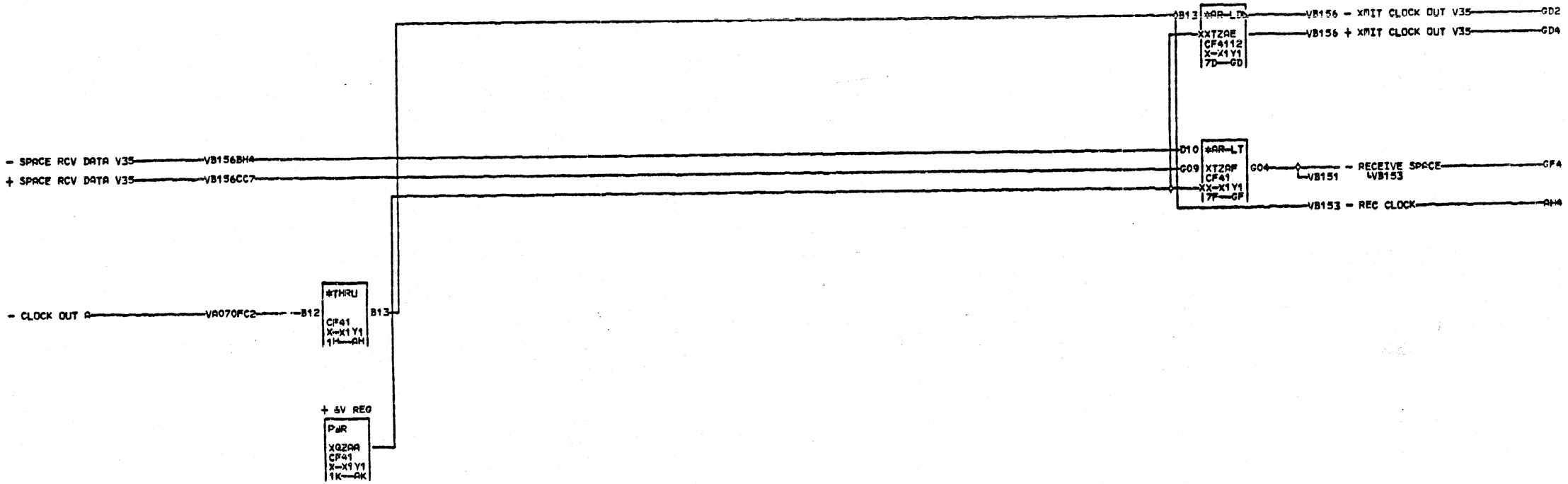
DATE 08-10-78 MACH. 27RNB

LOG 713 FRAME 01

P.N. 1749544

IBM CORP. SDD BLK. SA

VB156 000

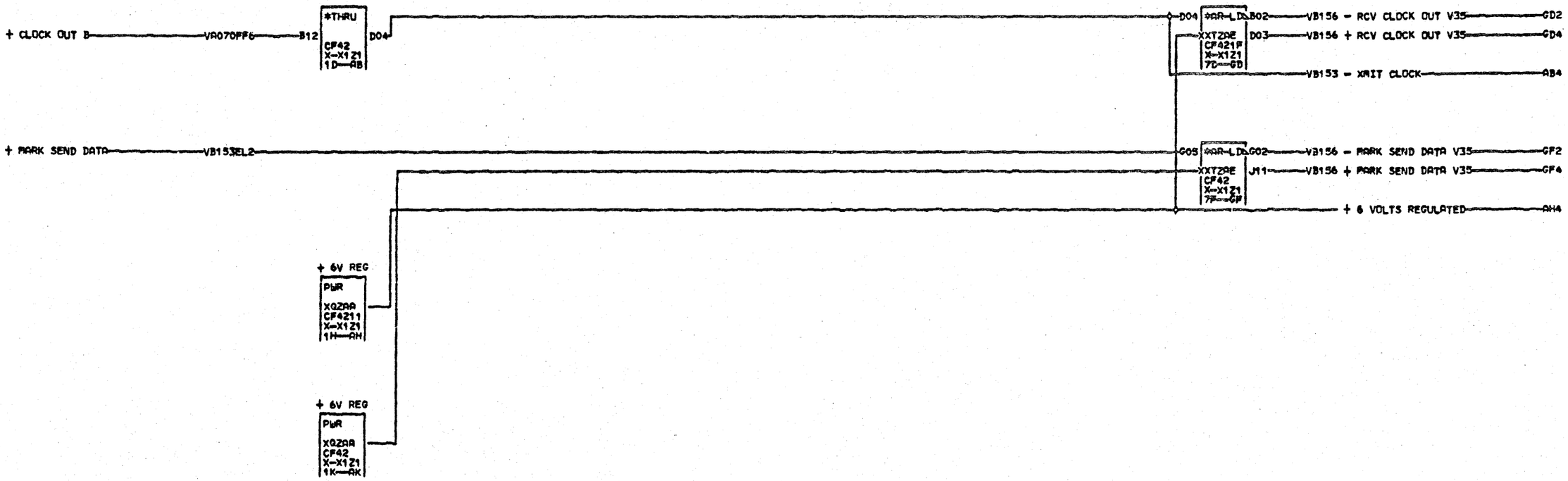


06-05-78 318570

V35 DRIVER FOR XMIT CLOCK OUT			VB157 000
DATE 08-10-78	MACH. 27RN3		
LOG 731	FRAME	01	
	P.N. 1749565		
IBM CORP. SCD BLK.		SA	

VB157 000

000 VB158



06-05-78 318570

V35 DRIVER RCV CLOCK OUT			
DATE	08-10-78 MACH. 27RNB		
LOG	731	FRAME	01
		P.N.	1749546
IBM CORP.	SCD BLK.		SA

VB158 000

VB158 000

000 VB160

+ DATA OUT 1 #VA032BK2 — 001
+ DATA OUT 5 #VA032BF2 — 002
+ DATA OUT 2 #VA032DH2 — 003
+ DATA OUT 6 #VA032BD2 — 004
+ DATA OUT 3 #VA032BH2 — 005
+ DATA OUT 7 #VA048DJ2 — 006
- CNTL OUT A #VA032BA2 — 007
+ DATA OUT 4 #VA032DF2 — 008
- DATA OUT 6A #VA031FF6 — 009
- CNTL OUT B #VA032DA2 — 010
- DATA OUT 7A #VA038DL6 — 011
- DATA OUT 4A #VA031DK6 — 012
+ TEST DATA MARK #VA032BN6 — 013
- SEL LINE Y #VA048XX1 — 014
- RESET BIT SVC #VA032BL2 — 015
- DATA OUT 5A #VA031DH6 — 016

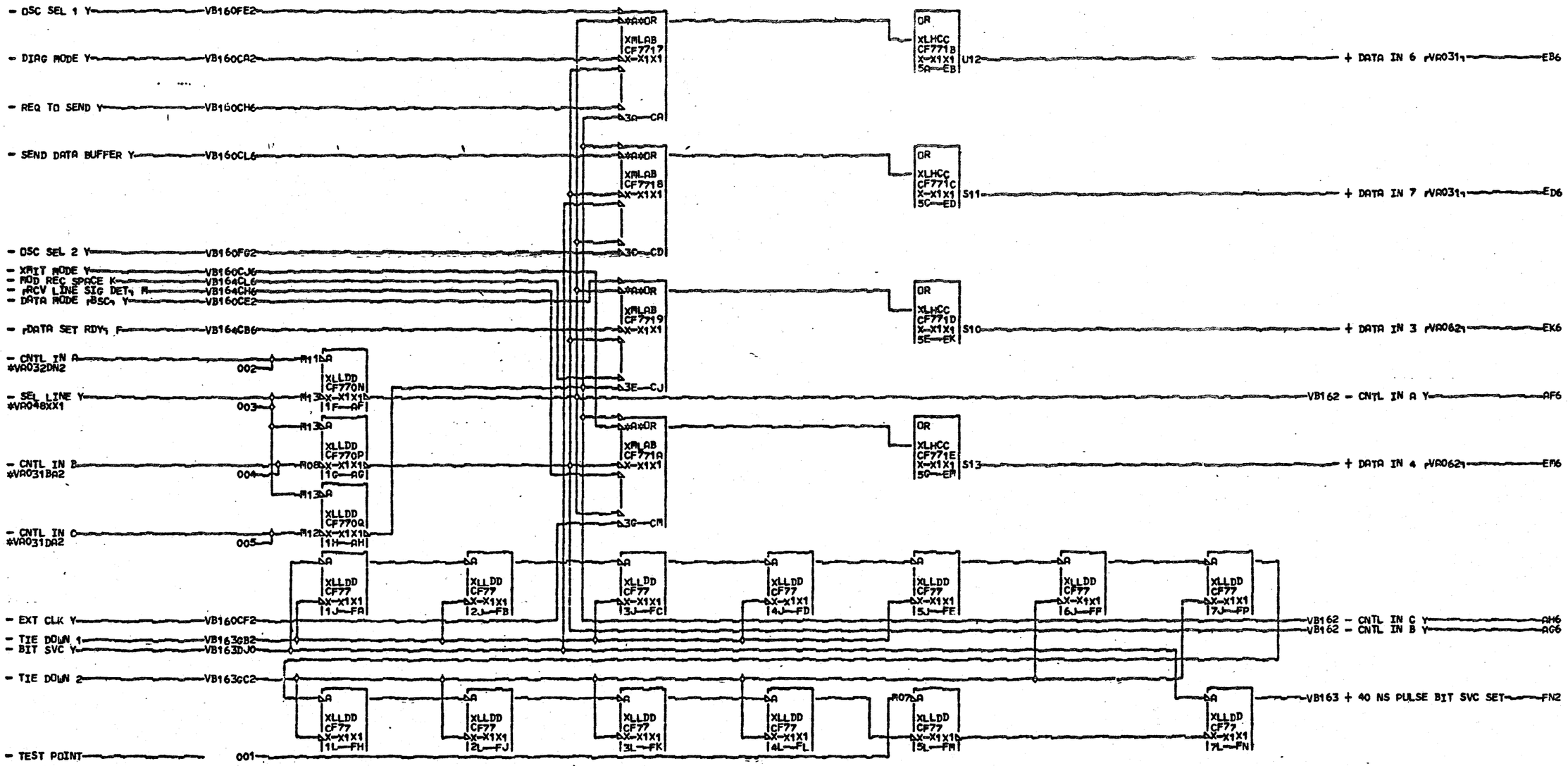
DIAG MODE J05 #PH S09 XFZAD CF770E X-X1X1 3A—CA
DATA TERM RDY J10 #PH B13 XFZAD CF770F X-X1X1 3C—CC
SYNC MODE G05 #PH XFZAD CF770G X-X1X1 3E—CE
EXT-INT CLK G08 #PH XFZAD CF770H X-X1X1 3G—CF
M13 A XLLDD CF7700 X-X1X1 1G—AG S04
REQ TO SEND G07 #PH XMLBD CF7706 X-X1X1 D04 3J—CH
M13 A XLLDD CF7701 X-X1X1 1K—AK U02
XMIT MODE J09 #PH XMLBD CF7707 X-X1X1 4K—CJ
SEND DATA G10 #PH XMLBD CF7708 X-X1X1 3L—CL
NEW SYNC G03 #PH XMLBD CF7709 X-X1X1 D13 3N—CM
M13 A XLLDD CF7702 X-X1X1 5P—EM S03
M09 A XLLDD CF770M X-X1X1 5N—EN
G04 #PH B11 XFZAD CF770A X-X1X1 6B—FD
G02 #PH XFZAD CF770B X-X1X1 6D—FE
J13 #PH XFZAD CF770C X-X1X1 6F—FG
N XLLDD CF7704 X-X1X1 6K—FK
N XLLDD CF7705 X-X1X1 6A—FM

VB161 — DIAG MODE Y — CA2 (VB162 VB163 VB166)
VB162 — DATA RATE SEL1 Y — FD2
VB162 — DATA TERM RDY1 Y — CC2 (VB165)
VB163 + CD DATA TERM RDY1 Y — CC6
VB161 — OSC SEL 1 Y — FE2 (VB162 VB163)
VB163 + OSC SEL 1 Y — FE6
VB161 — DATA MODE BSC1 Y — CE2 (VB162)
VB161 — OSC SEL 2 Y — FG2 (VB162 VB163)
VB163 + OSC SEL 2 Y — FG6
VB161 — EXT CLK Y — CF2 (VB162 VB163)
VB163 — INT CLK Y — CF6
VB161 — REQ TO SEND Y — CH6 (VB166)
VB161 — XMIT MODE Y — CJ6 (VB163)
VB163 — RCV MODE Y — FK2
VB162 — NEW SYNC Y — CM6
VB161 — SEND DATA BUFFER Y — CL6
VB163 + SEND DATA BUFFER Y — FM2
VB163 + BIT SVC RST Y — ER2
VB163 + TEST DATA MARK — EN6

08-01-78 318486
05-16-79 321391

HIGH SPEED LINE
DATE 05-17-79 MACH. 27RNB
LOG 387 FRAME 0X
— P.N. 8549001
IBM CORP. SDD BLK. GL

VB160 000



08-01-78 318486
05-16-79 321391

	HIGH SPEED LINE
DATE	05-17-79 MACH. 27RNB
LOG	387 FRAME 0X
	- P.N. 8549002
IBM CORP.	SDD BLK. FQ

VB1161 000

000 VB162

- DATA MODE #BSC, Y — VB160CE2
- BCC SEL ADAPT Y #VA047XX1 — 004 — P10 *PH
- EXT CLK Y — VB160CF2
- OSC SEL 1 Y — VB160FE2
- OSC SEL 2 Y — VB160FG2
- LINE COMPARE — VB163GG6
+ TIE LP — VB163FB4
- SCR SHIFT — VB163BF0
- #DATA RATE SEL, Y — VB160FD2
- REC DATA MARK LATCH — VB163GH6
- CNTL IN B Y — VB161AG6
- NEW SYNC Y — VB160CM6
- CNTL IN C Y — VB161AH6
- CNTL IN A Y — VB161AF6
- RING IND Y — VB169EC6
-#DATA TERM RDY, Y — VB160CC2
- DIAG MODE Y — VB160CA2
- CLEAR TO SEND C — VB164GK6

A OR — XLHCC CF770R X-X1X1 3A — M02 — + LI BSC TO BCC #VA061, — CA2
A OR — XLHCC CF770S X-X1X1 3B — CB — P03 — + LI EXT CLK TO BCC #VA060, — CB2
A OR — XLHCC CF770T X-X1X1 3C — CC — P04 — + LI OSC SEL 1 TO BCC #VA061, — CC2
A OR — XLHCC CF770U X-X1X1 3D — CD — G13 — + LI OSC SEL 2 TO BCC #VA061, — CD2
A OR — XLHCC CF772E X-X1X1 3E — CE — P07 — - LI LINE CHANGE TO BCC #VA060 — CE2
A OR — XLHCC CF772F X-X1X1 3F — CF — P02 — + SCR SHIFT TO BCC #VA060, — CF2

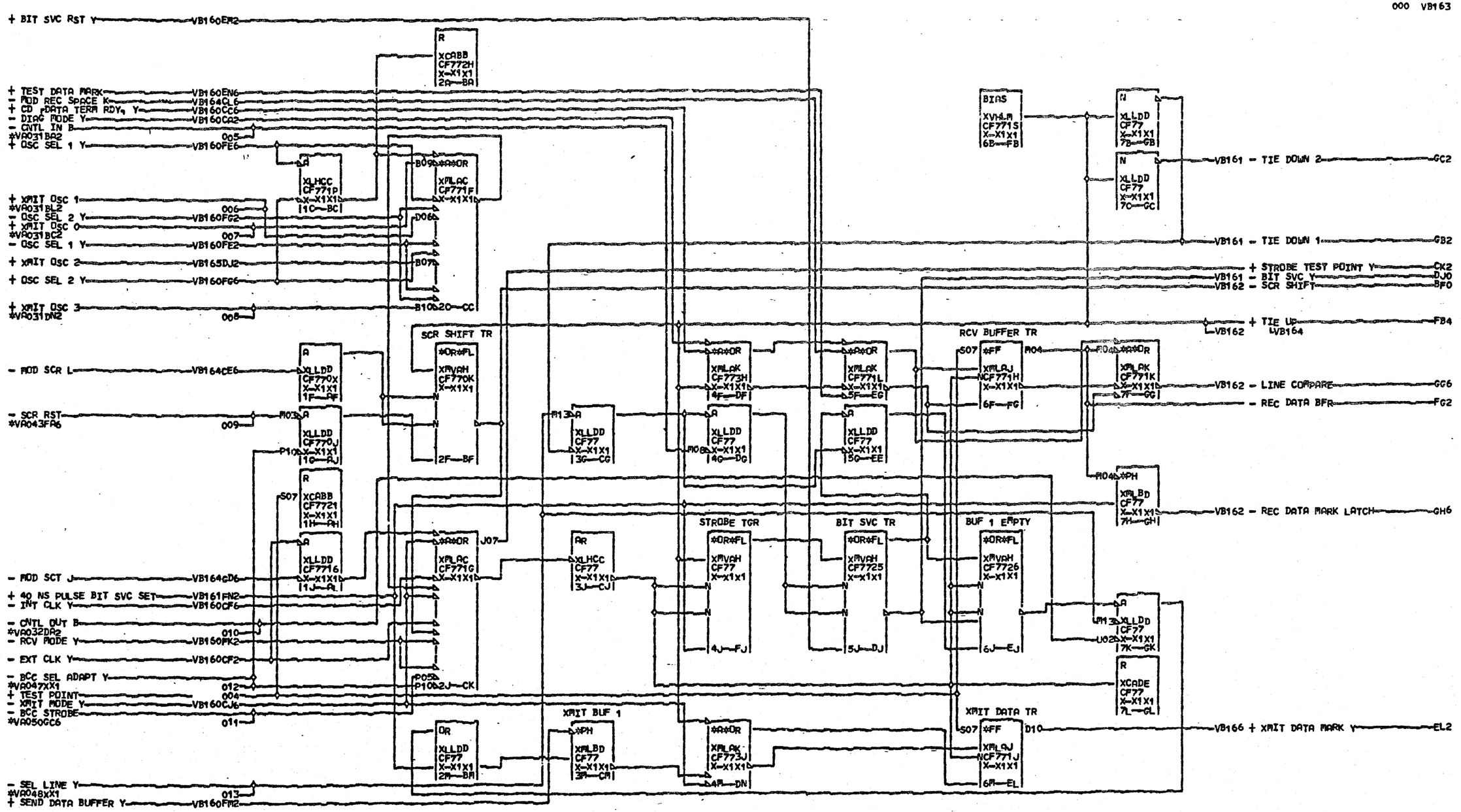
*A*OR — XMLAB CF770Z X-X1X1 2G — BG
*A*OR — XMLAB CF7710 X-X1X1 — M10 — 2K — BK
*A*OR — XMLAK CF7711 X-X1X1 2N — BN
XMLBD CF77 X-X1X1 1B — AD

OR — XLHCC CF7713 X-X1X1 4G — DG — U13 — + DATA IN 5 #VA062, — DG6
OR — XLHCC CF7714 X-X1X1 4J — DJ — U10 — + DATA IN 2 #VA062, — DJ6
OR — XLHCC CF7715 X-X1X1 4M — DM — U09 — + DATA IN 1 #VA062, — DM6

08-01-78 318486
05-16-79 321391

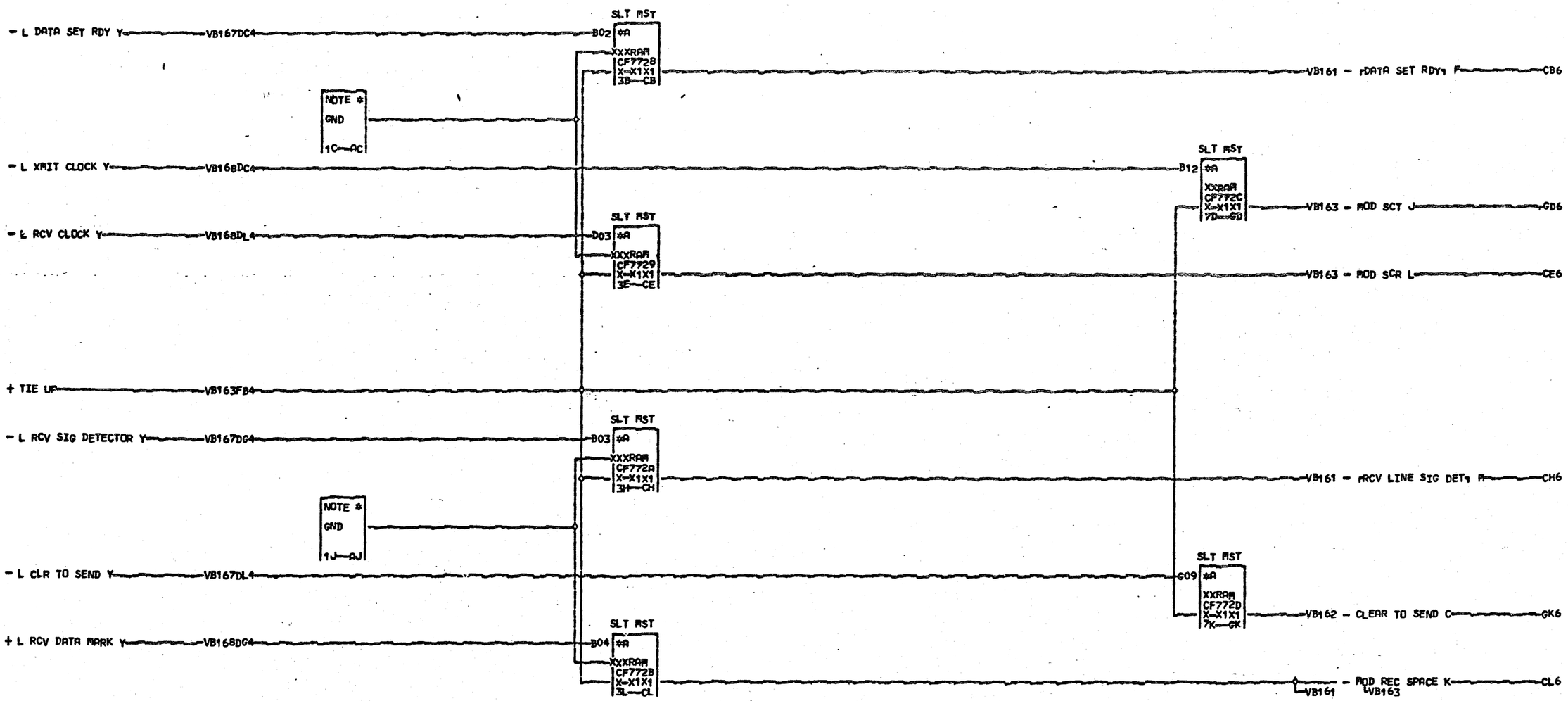
HIGH SPEED LINE			
DATE 05-17-79	MACH. 27RNB		VB162 000
LOG	387 FRAME	0X	
	- P.N. 8549003		
IBM CORP.	SDD BLK.	DN	

VB162 000



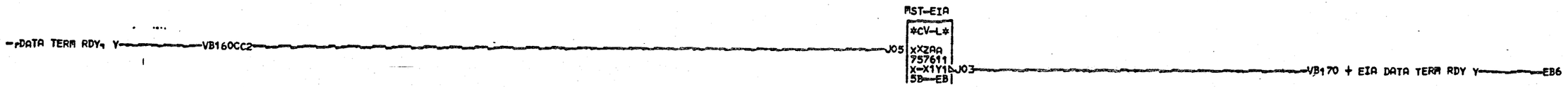
08-01-78 318486
05-16-79 321391

HIGH SPEED LINE	
DATE 05-17-79 MACH. 27RNB	VB163
LOG 387 FRAME 0X	000
— P.N. 8549004	
IBM CORP. SDD BLK. GM	



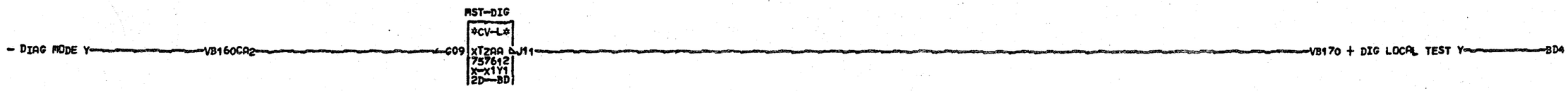
08-01-78 318486
05-16-79 321391

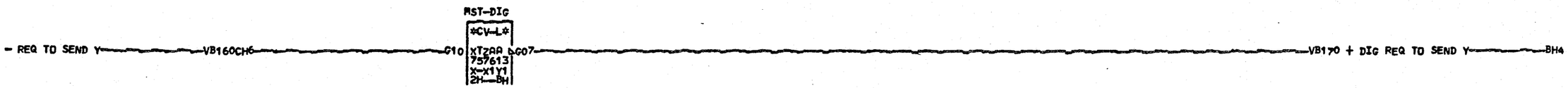
VB164 000	HIGH SPEED LINE			VB164 000
DATE	05-17-79 MACH. 27RNB			
LOG	387	FRAME	0X	
		- P.N. 8549005		
IBM CORP.	SDD BLK.		GL	

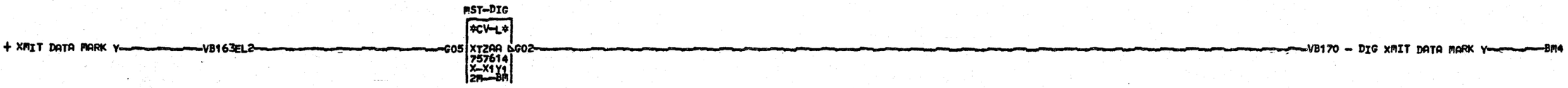


08-01-78 318486
05-16-79 321391

DIGITAL DRIVERS			VB165
DATE 05-17-79	MACH. 27RNB		
LOG 387	FRAME	01	
	- P.N. 8549006		000
IBM CORP.	SDD BLK.	FF	

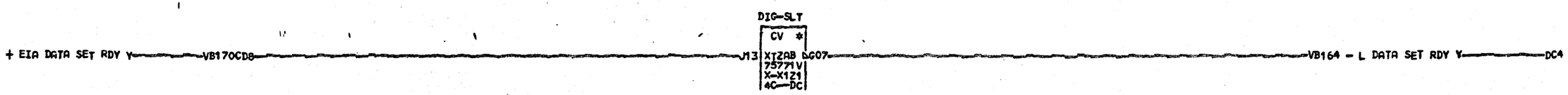


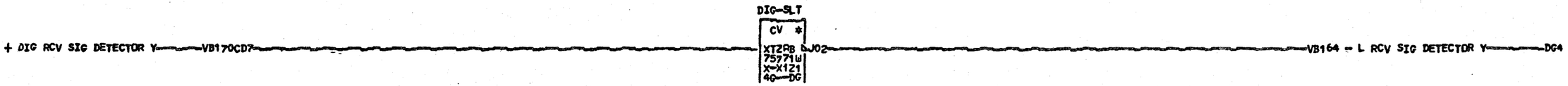


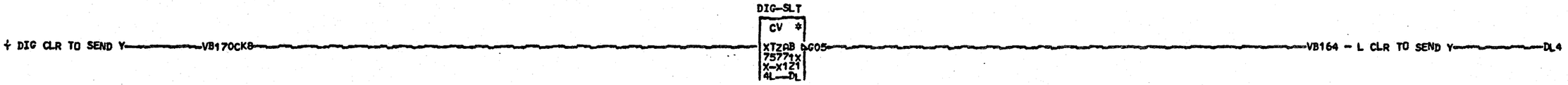


08-01-78 318486
05-16-79 321391

DIGITAL DRIVERS				VB166000
DATE	05-17-79	MACH. 27RNB		
LOG	387	FRAME	01	
		- P.N.	8549007	
IBM CORP.	SDD BLK.		FA	



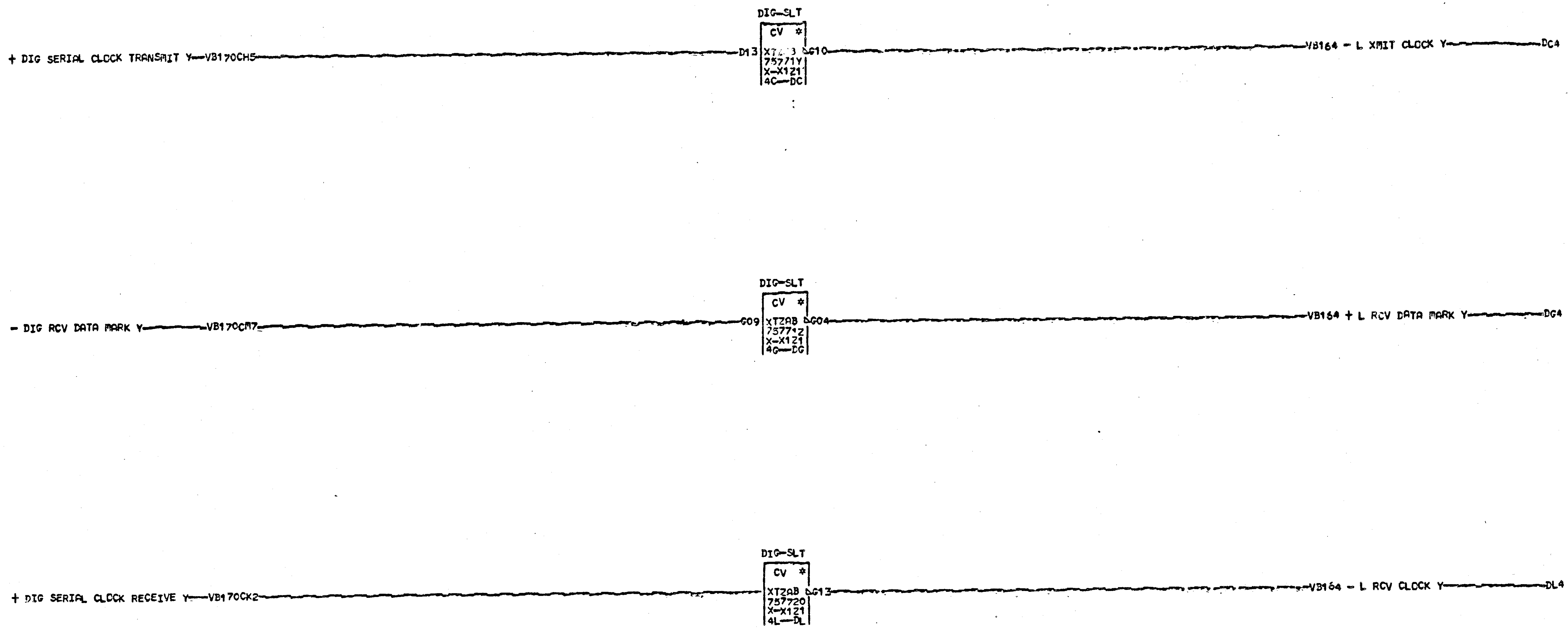




VB167 000

08-01-78 318486
05-16-79 321391

DIGITAL TERMINATOR CARD			VB167 000
DATE 05-17-79	MACH. 27RNB		
LOC 387	FRAME	01	
	- P.N. 8549008		
IBM CORP.	SDD BLK.	GL	



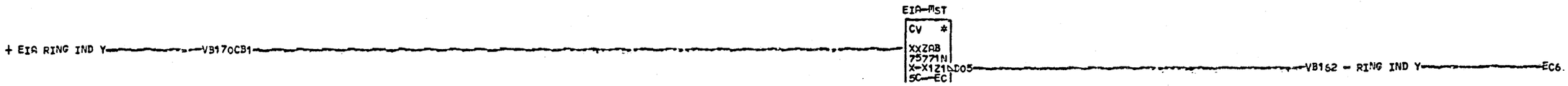
VB168
000

08-01-73 318436
05-16-79 321391

DIGITAL TERMINATOR CARD			
DATE	05-17-79	MACH.	27RNB
LCG	387	FRAME	01
	—	P.N.	8549009
IBM CORP.	SDD	BLK.	GL

VB168
000

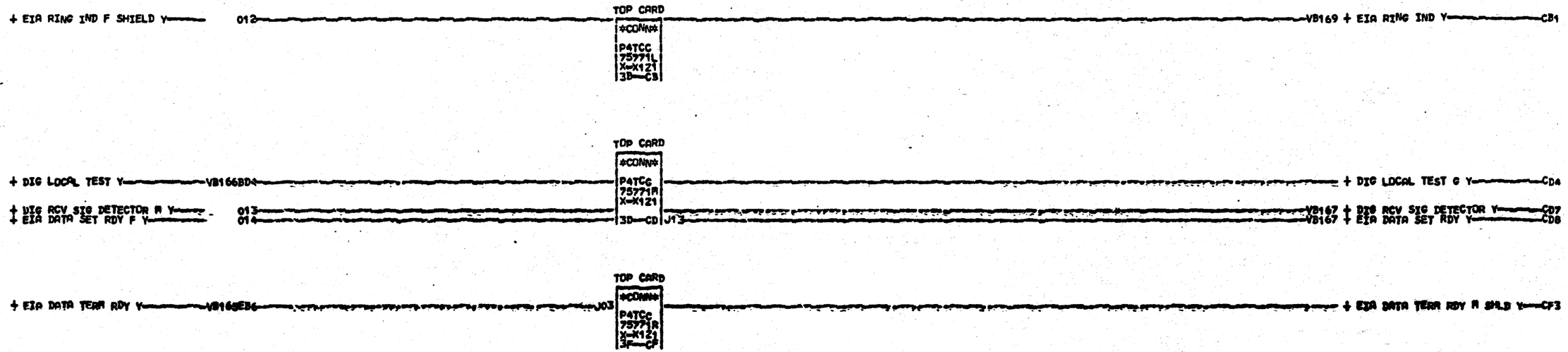
000 VB169



VB169 000

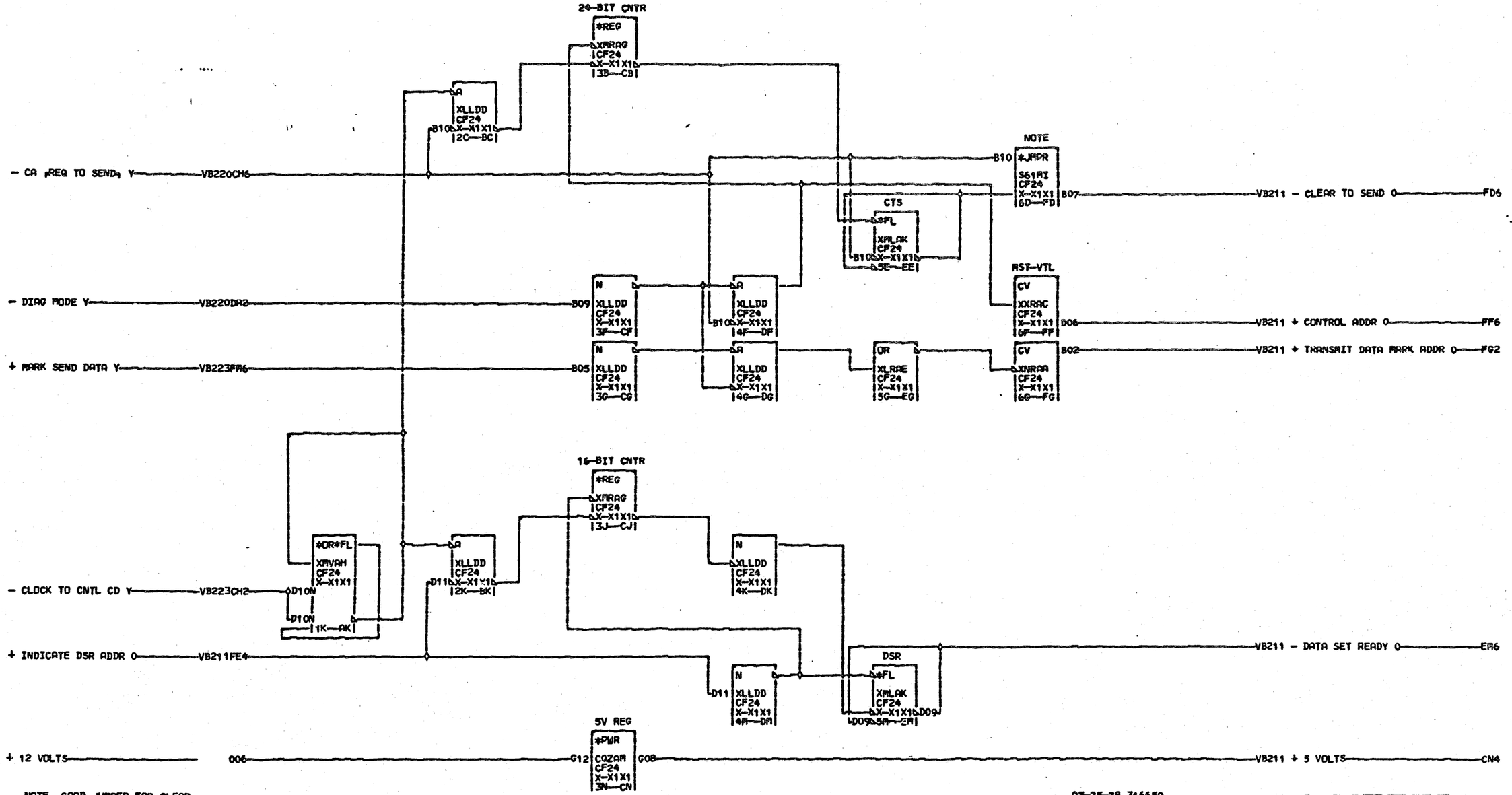
08-01-78 318486
05-16-79 321391

DIGITAL TERMINATORS				VB169
DATE	05-17-79	MACH. 27RNB		
LOC	387	FRAME	01	
		- P.N. 8549010		000
IBM CORP.	SDD	BLK.	FJ	



08-01-78 318486
05-16-79 321391

VB170 000	DIGITAL TERMINATOR CARD		VB170 000
	DATE 05-17-79 MACH. 27RNB		
	LOG 387 FRAME 01		
	- P.N. 8549011		
	IBM CORP. SDD BLK. EL		



NOTE CARD JUMPER FOR CLEAR TO SEND DELAY. SEE PAGE VA017

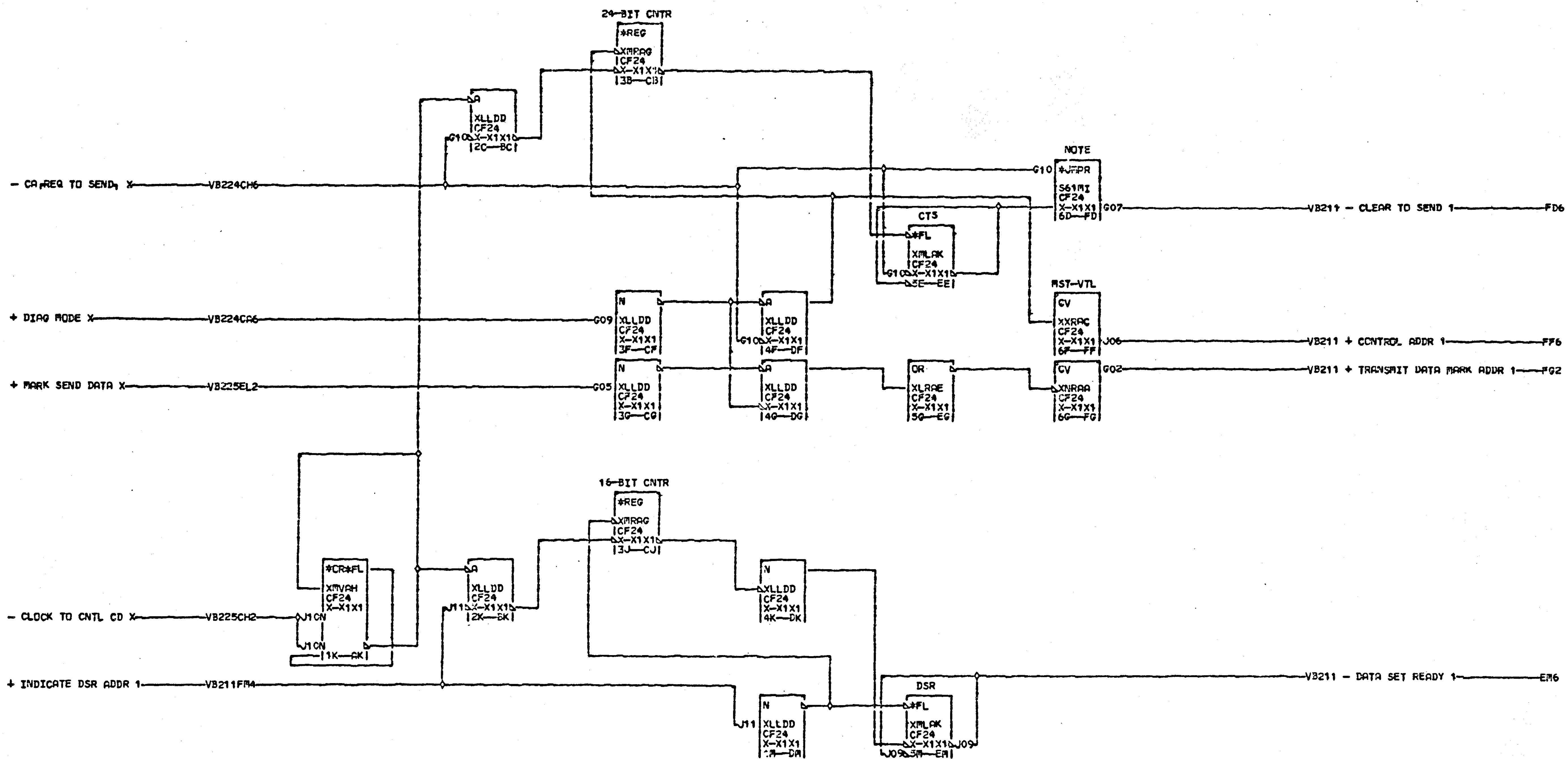
SEE VA000 FOR CARD LOCATIONS.

VB200 000

07-25-78 316650
01-18-79 321251
03-19-79 321371

X.21 CONTROL
ADDRESS 0
DATE 01-23-80 MACH. 27RNB
LOG 867 FRAME 01
P.N. 1754230
IBM CORP. BLK. FH

VB200 000



NOTE CARD JUMPER FOR CLEAR TO SEND DELAY. SEE PAGE VA017

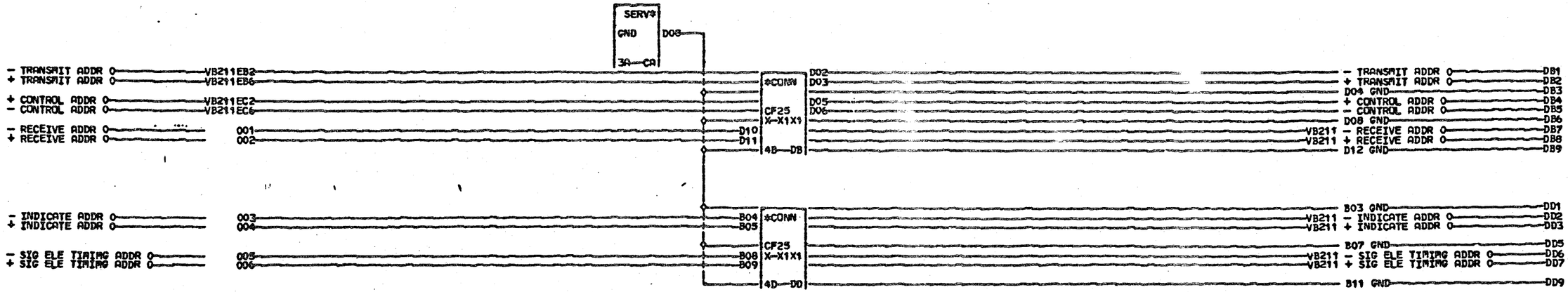
V B 2 0 1

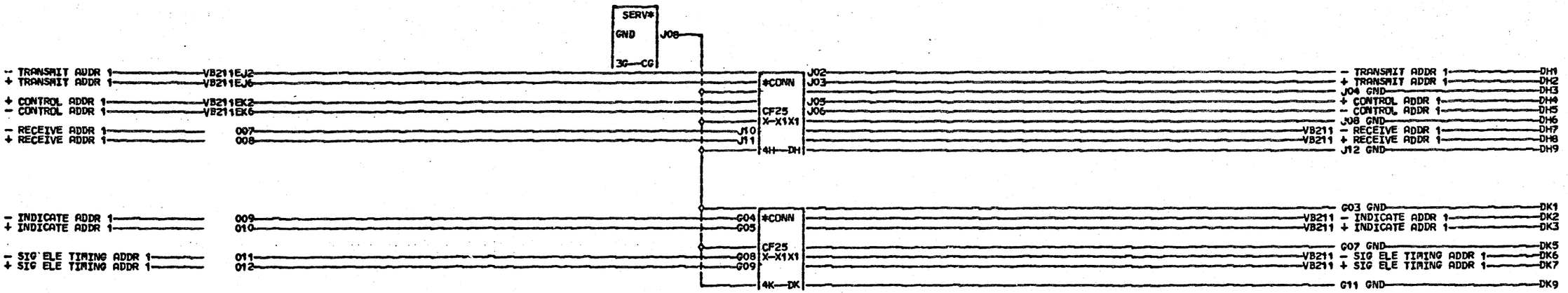
000

07-10-78 315650
01-18-79 321251
03-19-79 321371

X.21 CONTROL ADDRESS 1	
DATE 01-23-80 MACH. 27RNB	
LOG 867 FRAME 01	
P.N. 1754231	
IBM CORP. BLK. FH	

V B 2 0 1 000



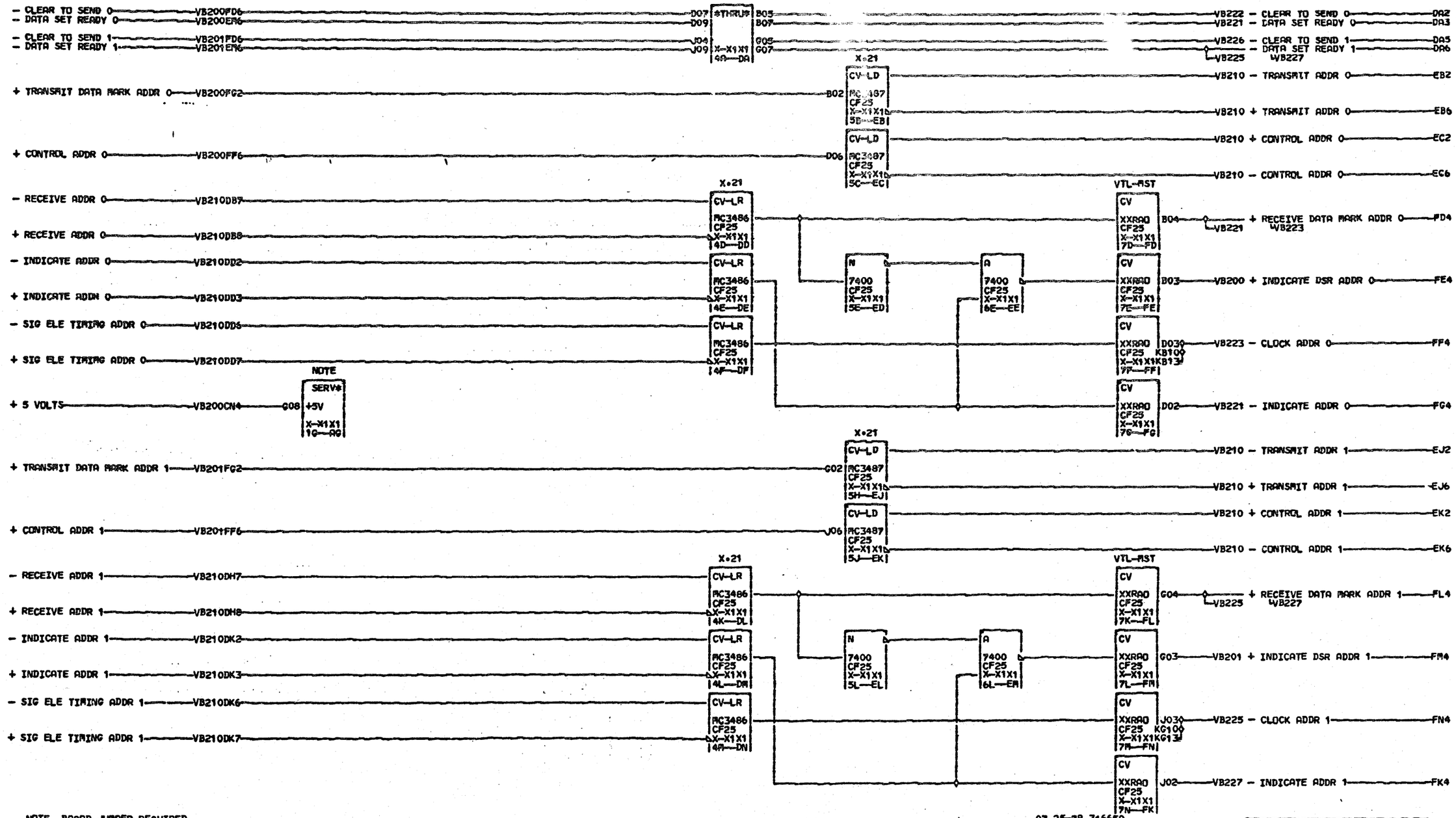


07-10-78 316650
03-19-79 321371

VB210
000

X.21
TOP CARD CONNECTORS
DATE 01-23-80 MACH. 27RNB
LOG 867 FRAME 01
P.N. 1754232
IBM CORP. BLK. DL

VB210
000

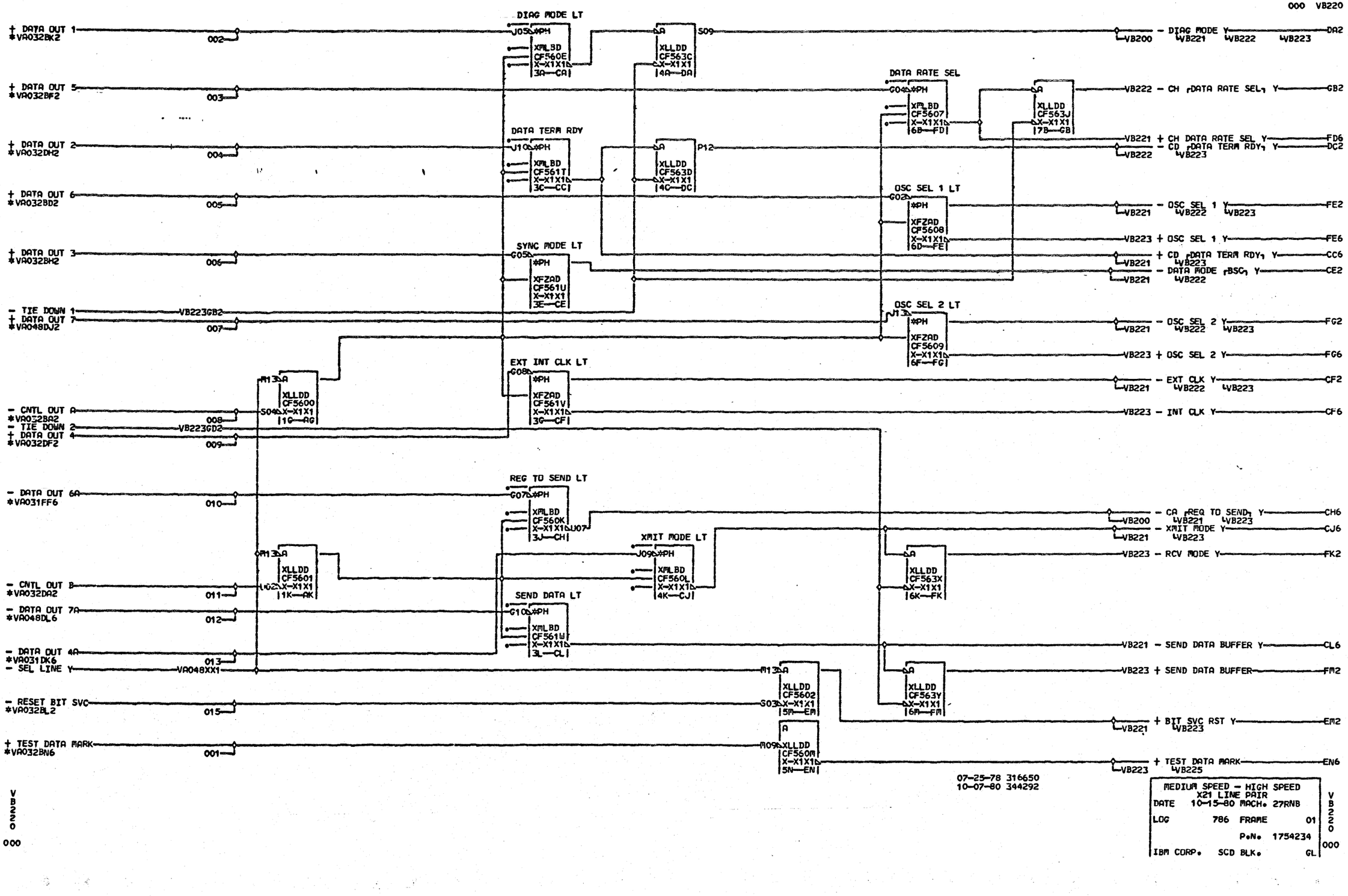


NOTE BOARD JUMPER REQUIRED
FOR 5 VOLTS. SEE PAGE VA017

07-25-78 316650
01-18-79 321251
03-19-79 321371

X•21
DRIVERS AND RECEIVERS
DATE 01-23-80 MACH. 27RNB
LOG 867 FRAME 01
P.N. 1754233
IBM CORP. BLK. FP

VB211 000

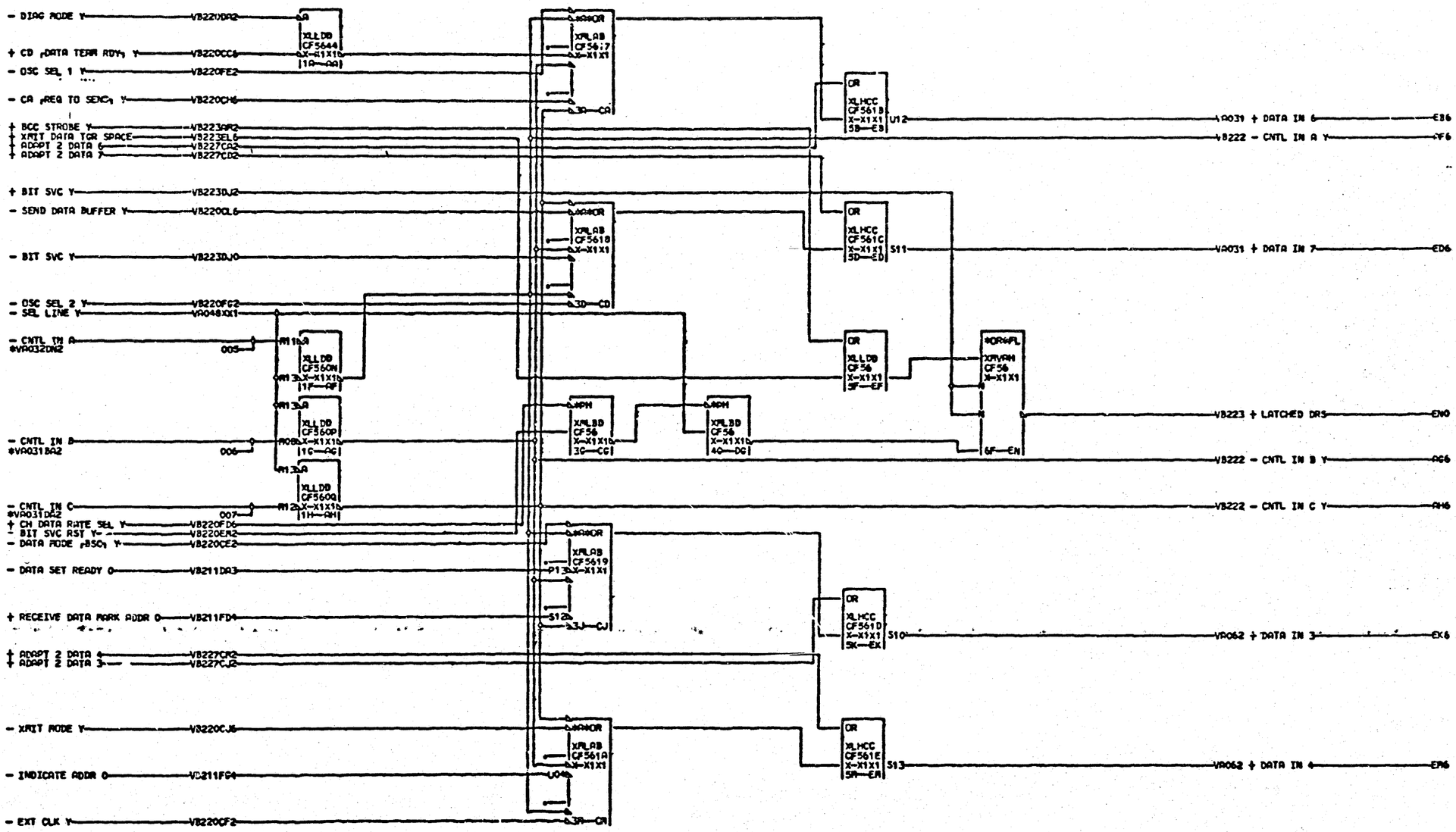


07-25-78 316650
10-07-80 344292

MEDIUM SPEED — HIGH SPEED
X21 LINE PAIR
DATE 10-15-80 MACH. 27RNB
LOG 786 FRAME 01
P.N. 1754234
IBM CORP. SCD BLK. GL

VB220 000

VB220 000



07-10-78 316650
10-07-80 344292

MEDIUM SPEED - HIGH SPEED
X21 LINE PAIR
DATE 10-15-80 MACH. 27AN3
LOG 786 FRAME 01
P.N. 1754235
IBM CORP. SCD SLK. 5P

VB222
030

VB222
000

000 VB222

- EXT CLK Y — VB220CF2
- DATA MODE (BSC) Y — VB220CE2
- BCC SEL ADAPT Y — VA047XX1 — P10
- OSC SEL 1 Y — VB220FE2
- OSC SEL 2 Y — VB220FG2
- LINE COMPARE Y — VB223GG6
- SCR SHIFT Y — VB223BF0
- CH (DATA RATE SEL) Y — VB220GB2
- REC DATA BUFFER MARK Y — VB223FG2
- CNTL IN B Y — VB221AG6
+ TIE UP — VB223FB4
- CNTL IN C Y — VB221AH6
+ ADAPT 2 DATA 5 — VB226BG2
+ ADAPT 2 DATA 2 — VB226BK2
- CNTL IN A Y — VB221AF6
- CE (RING IND) Y — 003
- CD (DATA TERM RDY) Y — VB220DC2
+ ADAPT 2 DATA 1 — VB226BN2
- DIAG MODE Y — VB220DA2
- CLEAR TO SEND 0 — VB211DA2

P10: AR XLHCC CF563K X-X1X1 1B—AB; R XCABB CF563M X-X1X1 1C—AC

A OR XLHCC CF560R X-X1X1 3A—CA — M02 — VA061 + LI Y BSC TO BCC — CA2

A OR XLHCC CF560S X-X1X1 3B—CB — P03 — VA060 + LI Y EXT CLK TO BCC — CB2

A OR XLHCC CF560T X-X1X1 3C—CC — P04 — VA061 + LI Y OSC SEL 1 TO BCC — CC2

A OR XLHCC CF560U X-X1X1 3D—CD — G13 — VA061 + LI Y OSC SEL 2 TO BCC — CD2

A OR XLHCC CF560V X-X1X1 3E—CE — P07 — VA060 + LI Y LINE COMPARE TO BCC — CE2

A OR XLHCC CF560W X-X1X1 3F—CF — P02 — VA060 + SCR SHIFT TO BCC Y — CF2

*A*OR XMLAB CF560Z X-X1X1 2G—BG

*A*OR XMLAB CF561J X-X1X1 M10; 2K—BK

*A*OR XMLAK CF5611 J11 X-X1X1 2N—BN

OR XLHCC CF5613 X-X1X1 4G—DG — U13 — VA062 + DATA IN 5 — DG6

OR XLHCC CF5614 X-X1X1 4J—DJ — U10 — VA062 + DATA IN 2 — DJ6

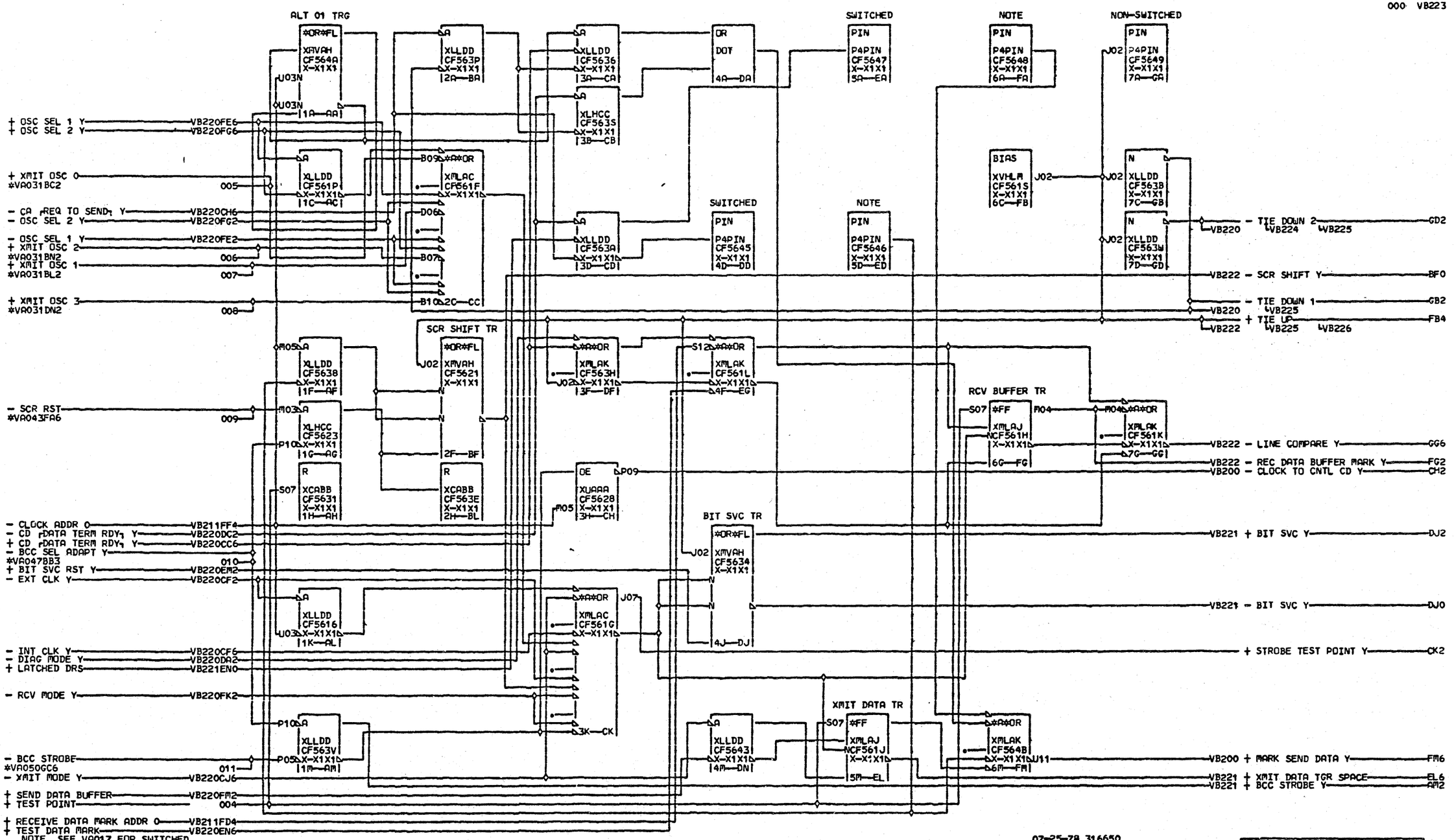
OR XLHCC CF5615 X-X1X1 7M—DM — U09 — VA062 + DATA IN 1 — DM6

07-25-78 316650
10-07-80 344292

MEDIUM SPEED - HIGH SPEED X21 LINE PAIR
DATE 10-15-80 MACH. 27RNB
LOG 786 FRAME 01
P.N. 1754236
IBM CORP. SCD BLK. GN

VB222 000

VB222 000



07-25-78 316650
01-18-79 321251
03-19-79 321371
10-07-80 344292

MEDIUM SPEED - HIGH SPEED
X21 LINE PAIR
DATE 10-15-80 MACH. 27RNB
LOG 786 FRAME 01
P.N. 1754237
IBM CORP. SCD BLK. GH

VB223 000

000 VB224

+ DATA OUT 1 *VA032BK2 — 001
+ DATA OUT 5 *VA032BF2 — 002
+ DATA OUT 2 *VA032DH2 — 003
+ DATA OUT 6 *VA032BD2 — 004
- SEL LINE X NORMAL — VA048XX2 — S02
- SEL LINE X HIGH SPEED — VA048XX3 — S05
NOTE *JMPR S61M1 CF56 X-X1X1 1E—AE
+ DATA OUT 7 *VA048DJ2 — 006
+ DATA OUT 3 *VA032BH2 — 005
- CNTL OUT A *VA032BA2 — 007 — S04 XLLDD CF562A X-X1X1 1G—AG
- TIE DOWN 2 — VB223GD2
+ DATA OUT 4 *VA032DF2 — 008
+ DATA OUT 6A *VA031FF6 — 009
- CNTL OUT B *VA032DA2 — 010 — U02 XLLDD CF562B X-X1X1 1K—AK
- DATA OUT 7A *VA048DL6 — 011
- DATA OUT 4A *VA031DK6 — 012
- RESET BIT SVC *VA032BL2 — 013
- DATA OUT 5A *VA031DH6 — 014

DIAG MODE LT J05 *PH XFZAD CF560A X-X1X1 3A—CA — D02
DATA TERM RDY J10 *PH XFZAD CF560B X-X1X1 3C—CC — B13
SYNC MODE LT G05 *PH XFZAD CF560C X-X1X1 3E—CE
EXT INT CLK LT G08 *PH XFZAD CF560D X-X1X1 3G—CF
REQ TO SEND LT G07 *PH XMLBD CF560F X-X1X1 3J—CH — D04
XMIT MODE LT J09 *PH XMLBD CF560G X-X1X1 4K—CJ
SEND DATA LT G10 *PH XMLBD CF560H X-X1X1 3L—CL
NEW SYNC LT G03 *PH XMLBD CF560J X-X1X1 3N—CM — D13

DATA RATE SEL G04 *PH XFZAD CF5606 X-X1X1 6B—FD
OSC SEL 1 LT G02 *PH XFZAD CF5604 X-X1X1 6D—FE
OSC SEL 2 LT J13 *PH XFZAD CF5605 X-X1X1 6F—FG
XLLDD CF562C X-X1X1 5A—EM — S03
XLLDD CF5640 X-X1X1 6A—FM
XLLDD CF563Z X-X1X1 6K—FK

VB225 — DIAG MODE X WB226 WB227 — CA2
VB201 — + DIAG MODE X WB225 — CA6
VB226 — CH DATA RATE SEL X — FD2
VB226 — CD DATA TERM RDY X — CC2
VB225 — OSC SEL 1 LINE X WB226 WB227 — FE2
VB225 + OSC SEL 1 X — FE6
VB226 — DATA MODE BSC X WB227 — CE2
VB225 — OSC SEL 2 LINE X WB226 WB227 — FG2
VB225 + OSC SEL 2 X — FG6
VB225 — EXT CLK LINE X WB226 WB227 — CF2
VB225 — INT CLK X — CF6
VB227 — SEL LINE X JUMPERED — AE4
VB201 — CA REQ TO SEND X WB227 — CH6
VB225 — XMIT MODE X WB227 — CJ6
VB225 — RCV MODE X — FK2
VB227 — SEND DATA BUFFER X — CL6
VB225 + SEND DATA BUFFER — FM2
VB225 + BIT SVC RST X — EM2
VB226 — NEW SYNC X — CM6

NOTE BOARD JUMPER REQUIRED FOR HIGH SPEED ADDRESS SELECTION. SEE PAGES VA000 AND VA017.

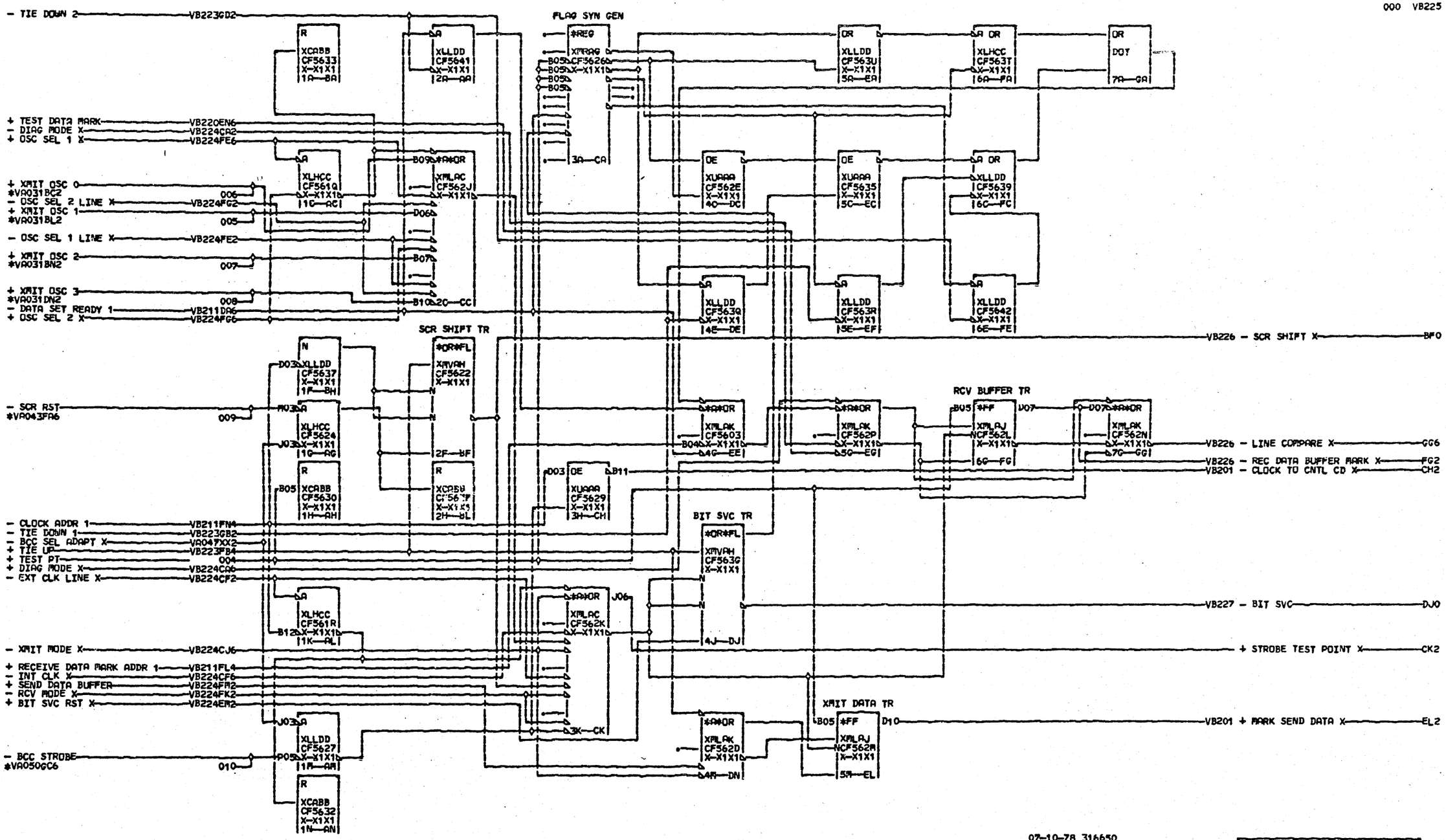
V B 2 2 4 000

07-10-78 316650
03-19-79 321371

MEDIUM SPEED - HIGH SPEED X21 LINE PAIR
DATE 01-23-80 MACH. 27RNB
LOG 867 FRAME 01
P.N. 1754238
IBM CORP. SCD BLK. GL

V B 2 2 4 000

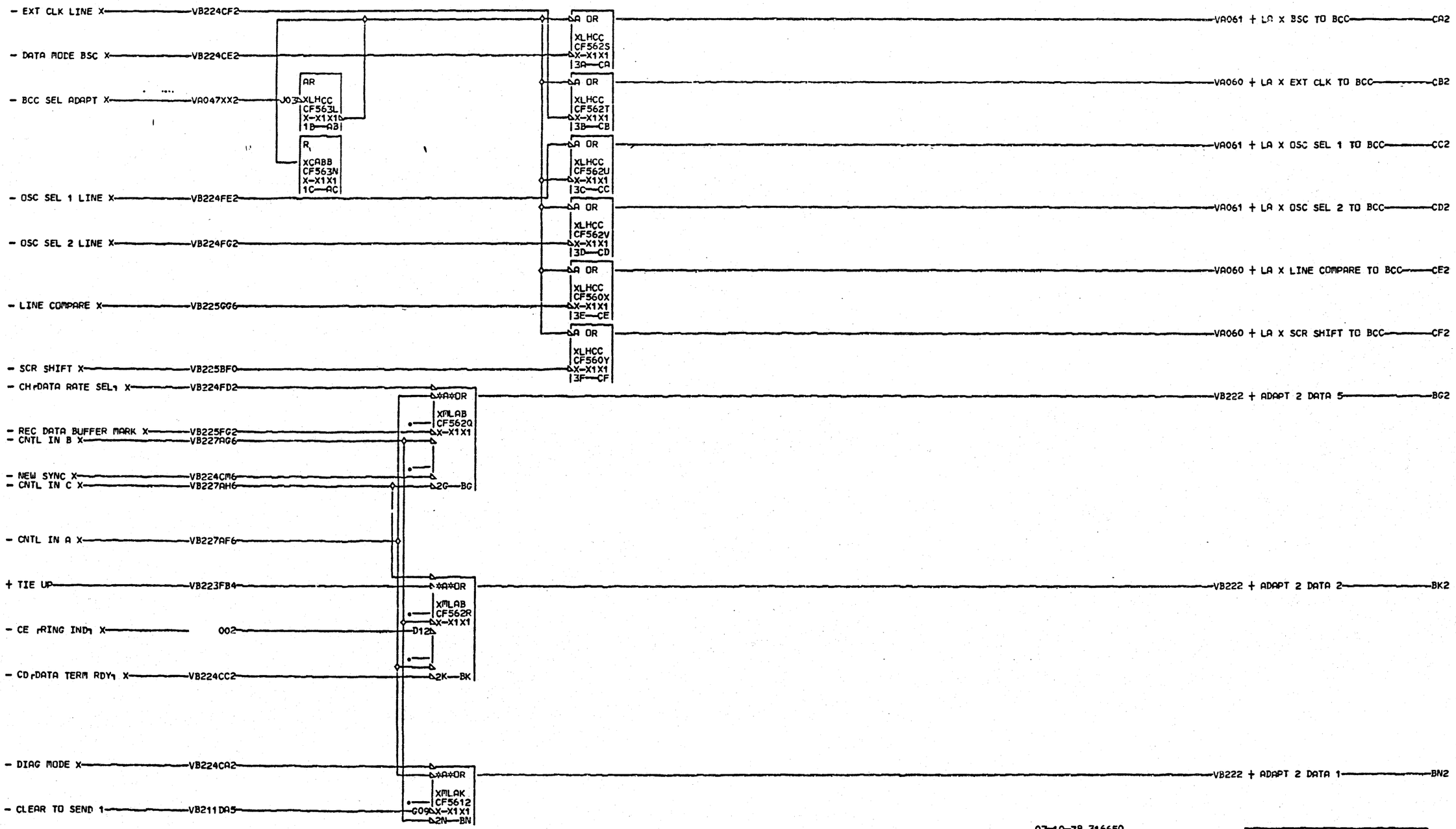
000 VB225



07-10-78 316650
01-18-79 321251
03-19-79 321371

MEDIUM SPEED – HIGH SPEED
X21 LINE PAIR
DATE 01-23-80 MACH. 27RNB
LOG 867 FRAME 01
P.N. 1754239
IBM CORP. SCD BLK. GH

VB225 000

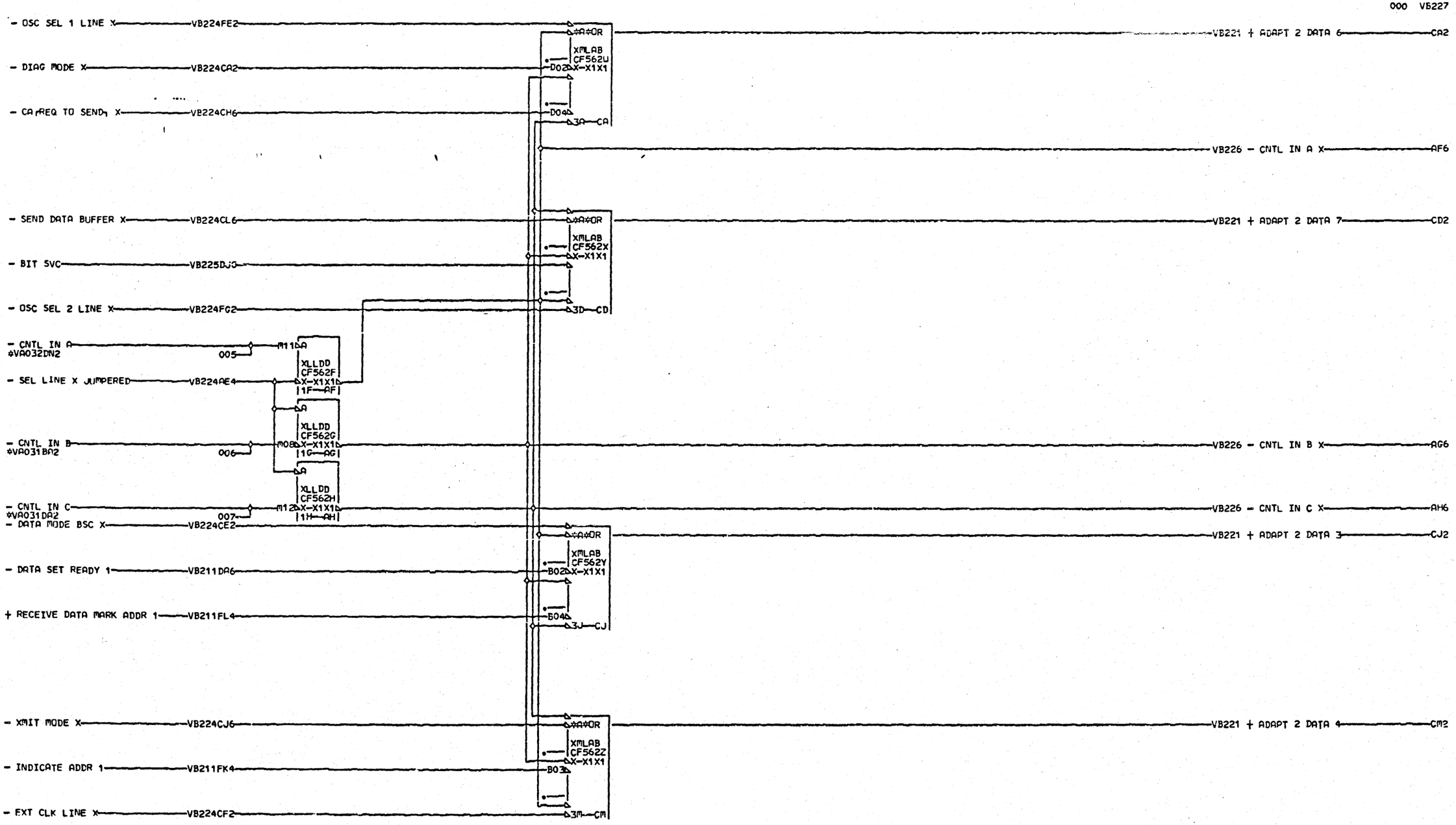


V
B
2
2
6
000

07-10-78 316650

MEDIUM SPEED - HIGH SPEED
X21 LINE PAIR
DATE 08-31-78 MACH. 27RNB
LOG 844A FRAME 01
P.N. 1754240
IBM CORP. SCD BLK. DP

V
B
2
2
6
000



07-25-78 316650

MEDIUM-SPEED - HIGH-SPEED
X21 LINE PAIR
DATE 08-31-78 MACH. 27RNB
LOG 873 FRAME 01
P.N. 1754241
IBM CORP. SCD BLK. CN

VB227 000

VB227 000