

# CS/386 PROBLEM/SOLUTION

- P52** ERROR P52 ON IPL AFTER SELECTING O/S & BEFORE PARTITIONING HAD 2 7715 W/ SW'S SET TO LEGAL SET ALL OFF. ADDR & OK.
- COMES UP. GOES AWAY IF EITHER 1 OF 2 MXE'S REMOVED.
- SRAM 256KB** } FAILS IPL BEFORE MOUNT SYSTEM PLATTER W/ SRAM 256KB BAD SIMM IN LOC L10/L14/L27/L43  
**DRA** } DRA
- SRAM 256KB** } FAIL IPL BEFORE MOUNT SYSTEM PLATTER W/ SRAM 256KB BAD SIMM IN LOC L13/L25/L31/L45  
**DRAM 4096KB** } DRAM 4096KB
- BAND PRINTER** BAND PRINTER AT ADDRESS 204 DROPPING & ADDING CHARACTERS O/S 1.0 FIX IN MAINT REL 1.03
- NOT A PSC CABINET** - USING ~~STRIP~~ DS UTILITY IF TRY TO DO TAPE BACKUP OR CHECK CONFIGURATION 6541-2. CHANGED CONTROLLER & OK.
- A01** INTERMITTENT HANG w/ A01 ERROR 6541-2. USED 8824 & OK.
- DS** INTERMITTENTLY WHEN VERIFY D61 LITE ON DRIVE DZ1 COMES ON & VICE VERSA. 6541-2. USED 8824 & OK.
- A05** IF EDIT/RECALL LONG LINE. R & D WORKING. MULTIPLE OF SAME ADDR IN DEVICE TABLE ADDR MAY APPEAR ONLY ONCE.
- I92** TO DS IF KEY RESET FROM ANY TERMINAL WHILE ACCESSING. REPLACED w/ MXE & OK. NO PROB w/ R3. FIXED w/ 1.0B
- EDIT/RECALL GET GARBAGE** - BAD MXD
- I92** INTERMITTENT USING 6541-2
- HANGS LOADING O/S** - TRIPLE CONTROLLER WON'T WORK AS 1<sup>ST</sup> TERMINAL
- HANGS LOADING O/S** - CABLE TO TERMINAL 1 LOOSE
- DROPS POWER** - APPEARS TO LOSE POWER AT 126V - REPLACED PS & 386 BRD & NO CHANGE
- I92** INTERMITTENT DOING DISK COPIES TOO DEEP
- INT HANGS** - I/O BOARDS NOT SEATING PROPERLY / REPLACED CPU & OK
- HANGS BOOTING w/ MXD** BEFORE CBOOT MENU WITH EITHER LOADING BLINKING OR BLANK SCREEN. DATA LINES HAVE RESTRICTIONS IN LINE 9020 FOR SIZE. C MYP COULD NOT BE > 24 CHAR MSG.

# 2200 BASIC COMMANDS

SELECT T ON - ACTIVATES THE DATE/TIME STAMP FOR DISK FILES WHEN SAVING/RESAVING

SELECT T OFF - DEACTIVATES THE DATE/TIME STAMP

LIST SELECT - SHOWS ALL ACTIVE SELECTIONS

SELECT H ON - WILL HOG JUST ADDRESS SPECIFIED W/ \$OPEN #dd + \$CLOSE #dd

SELECT H OFF - DISABLES PLATTER HOG FUNCTION

SELECT NEW - ALLOWS ALL PROGRAMS SAVED TO BE PUT IN 386 FORMAT

SELECT OLD - ALL PROGRAMS SAVED PUT IN STANDARD 2200 FORMAT

SELECT DRIVER 204 - TURNS PRINTER DRIVER IF INSTALLED IN @GENPART ON

SELECT DRIVER 204 OFF - TURNS PRINTER DRIVER OFF

LOAD LOAD LOAD - TO ACCESS MXE COMMANDS

? RETURN

B SYSTEM #<sup>TEAM</sup> BAUD RETURN } TO CHANGE BAUD RATE VIA S/W

Y RETURN

\$OPEN!#dd - HOGS ONLY EXACT ADDRESS SPECIFIED

\$CLOSE!#dd - DISABLES HOG TO ADDRESS SPECIFIED

# INSTALLING AN O/S FIX FOR VLSI WITH MDU SYSTEM

## ① POWER UP:

MDU CPU

MOUNT SYSTEM PLATTER  
 PRESS RESET  
 KEY SF?  
 MDU UTILITY 7/13/81

POWER ON

RESET  
 @MDU SF' 2 (ADDR 320)

DEVELOPMENT CPU

MOUNT SYSTEM PLATTER  
 PRESS RESET  
 MULTIUSER BASIC-2  
 STANDARD @GENPART  
 READY (BASIC-2) PART 1  
 MASTER START UP MENU

POWER ON

RESET SF' 2 (ADDR D21)  
 RUN (3.4 O/S)  
 (DEVELOPMENT PARTITION MUST BE 56K)  
 LOAD RUN RET

## ② INITIALIZING THE SYSTEM

MASTER START UP MENU  
 MICRO-CODE DEVELOPMENT UTIL  
 2600 DEVELOPMENT UTIL  
 "2600 EXECUTING"  
 SCREEN WITH STEP AT TOP LEFT & AUX REG 00-IF SHOWN  
 DEBUG COMMAND?  
 (USUALLY WILL HANG HERE)  
 READY (BASIC-2)  
 :-

SELECT 'MICRO-CODE DEVELOPMENT' RUN  
 SELECT '2600 MICRO-CODE UTIL' RUN  
 SELECT '2600 MDU' RUN  
 KEY SF' 15 (STEP) IF WON'T STEP REBOOT SYS.  
 KEY SF' 15 (STEP)  
 RESET (IF NOT HUNG GOTO ★)  
 CLEARV RET  
 RUN RET

BACK TO SCREEN WITH STEP AT TOP LEFT & AUX REG 00-IF SHOWN

DEBUG COMMAND?

KEY SF' 15 (STEP) TO VERIFY NOT HUNG

★ DEBUG COMMAND?

SF' 23 (IF INITIALIZE INSTRUCTIONS) CLEAR CM

DEBUG CMD? II

START ADDRESS: 0000

RET

END ADDRESS: 0000

7DEF RET (CODE IN MDU CPU STARTS AT 7E00)

(ADDRESS 7E00 SPECIFIED BY SWITCHES ON MDU BOARD)

INITIALIZE VALUE: 800000 RET (WRITES 0s FROM 0-7E00)

DEBUG COMMAND? SF'19 (ID INITIALIZE DATA) CLEAR DM

DEBUG COMMAND? ID

START ADDRESS: 0000 RET

END ADDRESS: 0000 FFFF RET (FIRST 64K USER MEM)

INITIALIZE VALUE: 00 RET

DEBUG COMMAND? SF'8 (LD LOAD FROM DISK)

DISK ADDRESS: 320 D21 RET (ADDRESS WHERE O/S TO EDIT IS)

FILENAME: @@ CMYP RET

LOADING MULTI-USER BASIC-2 REL 3.4

COPYRIGHT WANG LABS :: EOF -LD- DISK ADDR D21

SF'30 (IC SETTING INSTRUCT COUNTER)

DEBUG COMMAND? IC

IC: 0003 RET

BACK TO AUX REG SCREEN WITH IC AT TOP LEFT

SEE ★★ BELOW  
TO CHANGE ADDR  
IF WRONG

★★ CHECK AUX REG 1A (WITHIN AUX 18-1F)

SHOULD BE BOOT ADDR OF MDU CPU (320 IN THIS CASE)

"AUX 18-1F 2000 FFCF (0320) 6000 0018 0000 2001 0000"

★★★ DEBUG COMMAND? SF'31 (GO GENPART UP ON MDU CPU)

"2600 EXECUTING"

MDU CPU VERIFY MDU CPU RUNNING BY BRINGING UP TO READY

★★ TO CHANGE ADDR OF AUX REG 1A (DEVELOPMENT CPU)

DEBUG COMMAND? SF'1 (CR CHANGE REGISTER)

DEBUG COMMAND? CR

REG (CR IF DONE)? 1A RET

VALUE: XXXX 0320 RET (BOOT ADDR OF MDU CPU)

REG (CR IF DONE)? RET (IF CORRECT)

VERIFY AUX REG 1A IS SET TO CORRECT ADDR (320 IN THIS CASE)

DEBUG COMMAND? RETURN TO ★★ ABOVE

③ FINDING MODULE IN O/S LISTING WHERE CHANGE WAS MADE  
IDENTIFY FILE WHERE CHANGE MADE

IN THIS CASE BPMVP43

FIRST IN BOOK 1 IS A LISTING BY MEMORY LOCATION

SECOND LISTING IN BOOK 1 SHOWS ORDER FILES FOUND IN  
FIND BPMVP43 BY USING ORDER IN 2ND LISTING

COMPARE CODE CHANGE WITH LISTING (SHOULD COMPARE EXCLUDING CHANGES)

COMPARE DOCUMENTED CODE WITH CODE IN DEVELOPMENT SYSTEM

DEBUG COMMAND? GO

SF' 15 (STEP)

DEBUG COMMAND?

SF' 6 (LI LIST INSTRUCTION)

DEBUG COMMAND? LI

ADDRESS: ~~0000~~

3731 RET (ADDR FROM LISTING WHERE CHANGE IS)

CODE IS NOT THE SAME, DOES NOT COMPARE

- IF CODE DID COMPARE WHICH IT SHOULD OF THE CHANGE SHOULD BE TESTED BEFORE GOING ON TO INSURE FIX CORRECTS PROBLEM
- WOULD NEED TO SHUT OFF CHECKSUM TO PREVENT ERRORS WHEN PUTTING CHANGE IN
- IF CHECKSUM OK & CODE COMPARES THOUGH LISTING DIFFERENT CODE CAN BE EDITED & ASSEMBLED & SHOULD WORK

⑤ EDITING THE CODE FOR ASSEMBLY  
DEBUG COMMAND? RESET, CLEARV, CLEAR, LOAD RUN

MASTER START UP MENU SELECT 'MICRO-CODE DEVELOPMENT' RUN  
MICRO-CODE DEVELOPMENT UTIL SELECT 'EDITOR' RUN  
SOURCE EDITOR, START UP

INITIALS INPUT 2 INITIALS RET (MB)  
WORK DISK DZ1 D61 (ADDRESS OF SOURCE CODE) RET

NAME FOR LOGON FILE MBAØE201

DATE 04/22/91 RET

CODE Z80 BLANK OUT W/ SPACE BAR RET

SOURCE EDIT FILE MB.QDPVØØ BP.MVP43 (FILE WHERE CHANGE IS) RET

MUST ADD PERIOD BETWEEN BP & MVP43 NOT FOUND IN ACTUAL FILE

4/22/91 DISK DZ5 D61 RET (ADDRESS OF SOURCE CODE)

LOAD Y RET (LOADS FILE)

FIRST SCREEN OF FILE LOADS IN KEY NEXT KEY UNTIL GET TO LINE  
WHERE CHANGES ARE TO BE MADE (LINE NUMBER AT BOTTOM)

## EDITING

USE SPACE BAR TO MOVE CURSOR TO LINE ~~XXXX~~

EXECUTE KEY WILL ADD NEW LINE FOLLOWING LINE CURSOR WAS ON

\* KEYED IN 1<sup>ST</sup> POSITION FOR A COMMENT

MAKE LINE CHANGE

SF'Ø LIST OF COMMANDS

SF'1 (ALLOWS OPTIONS TO SAVE, LOAD, CREATE)

(S) SAVE, (L) LOAD, (C) CREATE S S RET (TO SAVE CHANGE)

DISK D61 BP.MVP43 (IN THIS CASE) CHECK FILENAME IS CORRECT

OVER WHAT FILE RET

REPEAT THESE STEPS UNTIL ALL CHANGES MADE

SF'16 (TO EXIT)

DO YOU WANT TO LOG OFF Y RET

MASTER START UP MENU (CHANGE HAS BEEN MADE, NOW MUST BE ASSEMBLED)

⑥ ASSEMBLING THE CODE WITH THE CHANGES MADE

MASTER START UP MENU	SELECT 'MICRO-CODE DEVELOPMENT' RUN
MICRO-CODE DEVELOPMENT UTIL	SELECT '2600 MICRO-CODE UTIL' RUN
2600 DEVELOPMENT UTIL	SELECT 'BLOCK ASSEMBLER' RUN
OPERATOR'S INITIALS	INPUT 2 INITIALS RET MB
ASSEMBLER OUTPUT	000 RET (PRINTER ADDR IF WANT HARD COPY)
SOURCE EDIT FILE B60	D61 RET (ADDRESS OF SOURCE CODE)
EXTERNAL SYMBOL FILES	D61 RET
OBJECT FILE	D61 RET
BLOCK WORK FILE	D61 RET
FILE NAMES:	
OBJECT FILE MBOBJCTC	MVPC (MUST ALREADY EXIST & BE APPROXIMATELY 500 SECTORS) RET
BLOCK WORK FILE MBWK.TMP	
STARTING MODULE NAME MBLIST	22MVP RET (ALL INSTRUCTS TO DO COMPIL)
DATE & TITLE: 4/22/91	ADD RELEASE NUMBER & PATCH MADE RET
DO YOU WANT THE CODE IN ORDER?	Y N RET (FASTER & WORKS)

TAKES 3 TO 4 HOURS TO ASSEMBLE

WHEN FINISHED WILL COME BACK WITH MESSAGE:

1 DISK ERRORS THIS ASSEMBLY (IN THIS CASE HAD 1 SOFT DISK ERROR)  
 NO ERRORS OR WARNINGS  
 STOP - END OF ASSEMBLY

GO BACK TO STEP ② & INITIALIZE MEMORY & RELOAD NEW CODE

⑦ CALCULATE CHECK SUM

DEBUG COMMAND?	SF' 15 (STEP)
DEBUG COMMAND?	SF' 4 (CALCULATE CHECKSUM)
DEBUG COMMAND?	SF' 35 (GO HADU CPU RUNNING)

2600 EXECUTING ... (AT TOP OF SCREEN)

### ③ TEST FIX ON MDU CPU

- AFTER KEYING SF'31 AS LAST STEP OF ①, GENPART SHOULD HAVE COME UP ON MDU CPU
- BRING CPU UP FROM THIS GENPART AND VERIFY FIX TO O/S THAT WAS EDITED IN AND ASSEMBLED (⑤ + ⑥) CORRECTS THE PROBLEM IT WAS EXPECTED TO FIX.

### ④ IF FIX IS GOOD, SAVE IN STANDARD O/S FORMAT

DEVELOP CPU

DEBUG COMMAND?

SF'15 (STEP)

DEBUG COMMAND?

SF'24 (SAVE DATA) SD

DEBUG COMMAND? SD

DISK ADDRESS: DZ1

D61 RET (ADDRESS OF WORK DISK)

CMEB

FILE NAME: @MVP (4 CHAR MAX) @MYP RET (WILL WIPEOUT FILE OF SAME NAME IF EXISTS, MAY USE DIFFERENT NAME)

IF FILE DOES NOT EXIST WILL TELL YOU.

SIZE OF NEW FILE: 500 RET (500 SECTORS ALLOTTED)

m = 32K MVP (D: 0000-0BFF, I: 0000-7DFF) V = VP

M = MVP (D: 0000-0BFF, I: 0000-65FF) b = 64K BASBOL

C = EDIT COMMENT C = COMMENT I = INSTRUCTIONS D = DATA E = EOF

SAVE WHAT? C

RET (ALLOWS COMMENT TO BE MADE)

COMMENT: (C) COPYRIGHT, WANG LABORATORIES, DATE RET

SAVE WHAT? C

D RET

... RECORDING DATA.

START ADDRESS: 0000

RET

END ADDRESS: 0000

0BFF RET (SAME AS DEFAULT)

SAVE WHAT? C

I RET

... RECORDING INSTRUCTIONS.

START ADDRESS: 0000

RET



END ADDRESS: 0000

66FF RET (CHANGE FROM DEFAULT OF  
65FF, NO LONGER BIG ENOUGH)

IF INSTRUCTION END ADDRESS NOT LARGE ENOUGH, THE  
SAVE WILL APPEAR TO WORK OK, BUT WILL GET PECM ERROR  
WHEN TRY TO BOOT FROM THIS CODE.

SAVE WHAT? C E RET

... RECORDING EOF.

\*\*\* FILE COMPLETE \*\*\*

-SD- DISK ADDRESS: D61 SF' 31 (GO COMMAND)

2800 EXECUTING...

DEBUG COMMAND? RESET

READY (BACK-2)

⑩ MOVE NEW CMVP FILE TO O/S DISK TO TEST ON MDU SYS  
MOVE NEW CMVP FILE TO DISK TO BOOT MDU SYSTEM FROM

- IF IN STEP ⑨ NEW FILE CALLED CMVP WILL NEED TO  
RENAME CURRENT CMVP ON BOOT DISK OR USE  
CMOVFIL UTILITY

- IF GAVE NEW FILE UNIQUE NAME CAN MOVE TO BOOT DISK  
WITH MOVE + TYPE IN 4 CHARACTER NAME AT  
"KEY SF?" SCREEN, THEN SF' KEY CORRESPONDING TO  
DISK ADDRESS.

TEST MACHINE WHERE CODE RUNS (MDU CARD)  
POWER MOUNT SYSTEM PL

KEY SF @MDU PF 2 (320)

TO CHANGE ADDR. (LAME UP AS 0000)  
2<sup>ND</sup> TIME  
DEBUG CMD SF' 1 CR<sup>00</sup>  
REG ? IA  
VALUE: 0320 RET  
RET AGAIN IF CORRECT  
VERIFY NOW = 320

DEVELOPMENT SYS MICRO-CODE DEVELOPMENT

2600 MICRO-CODE UTILITIES

2606 MDU

2600 EXECUTING

KEY SF IS (STEP)

DEBUG CMD '15 (STEP) (USUALLY WILL HANG HERE)

RESET

CLEARV

RUN

DEBUG CMD SF' 23 (INITIALIZE INSTRUCTION) CLEAR CM

START ADDR 0000

END ADDR 7DFF

CODE IN MDU MACH STARTS AT 7E00 (SPECIFIED BY SW'S ON MDU)

INIT VAL 800000 (DEFAULT) RET

DEBUG CMD SF' 19 (INITIALIZE DATA) CLEAR DM

START ADDR 0000

END ADDR FFFF (1<sup>ST</sup> 64K USER MEM)

INIT VALUE 00 RET (DEFAULT)

DEBUG CMD SF' 8 (LOAD FROM DISK) (LD)

DISK ADDR D21 (ADDRESS WHERE 3.4 RESIDES) WILL SHOW LOADING REL 3.4 .. SCREEN

FILE NAME @MVP (RET)

SF' 30 IC SETTING INSTRUCTION COUNTER (SHOULD BE 0003)

IC 0003 CHECK AUX REG IA (WITHIN 18-1F) SHOULD BE BOOT ADDR OF MDU<sup>00</sup> (0320) ACTIVE DEVICE

DEBUG CMD SF' 31 GO

GENPART SCREEN SHOULD NOW REIDE ON W/S 1 OF MDU MACHINE

VERIFY MDU MACHINE RUNNING (BLING UP TO READY BY LOADING A CONFIG)

TEST Macro 2600 EXECUTING AT TOP ON SCREEN IF ALL OK

FIND MODULE WHERE CHANGE IS TO BE MADE

FILE = BPMVP43 = module 43

WITHIN MODULE BOOK FOR LIMITS

TEST PATCH FIRST

DEBUG LOAD SF'6 (LI) LIST INSTRUCT

ADDR 3739 (FROM LISTINGS)

VERIFY CODE MATCHES LISTING (CODE DID NOT MATCH LISTINGS)

Do COMPARE

WOULD NEED TO SHUT OFF CHECKSUM TO PREVENT ERROR

## EDITING CODE

2600 Micro Code Utilities

EDITOR

INITIALS (ANY INITIALS)

WORK DISK D61 (ADDRESS OF SOURCE CODE)

LOADS UP WITH "START UP"

DATE xx/xx/xx

CODE LEAVE BLANK RET

SOURCE EDIT FILE BP.MVP43 (FILE TO BE EDITED)

• AFTER BP MUST BE THERE NOT IN ACTUAL FILE

CHECK ADDR D61 RET

LOAD Y RET (LOADS FILE)

KEY NEXT KEY TIL GET TO LINE WHERE CHANGE NEEDS TO BE MADE

EDITING EXEC DOES INSERT FOR EACH NEW LINE

\* USED FOR COMMENT LINE

SF'1 TO GIVES YOU OPTION OF SAVE, LOAD, CREATE

S FOR SAVE

GIVES FILENAME TO BE SAVED KEY RET FILE USUALLY SAME

SF'16 TO EXIT

DO YOU WANT TO LOG OFF (RET)

CHANGE MADE (NOW MUST BE ASSEMBLED)

# 2600 Micro Code Util Block Assembler

OPER INIT      ANY INITIALS      RET

ASSEM OUT      000      ZIS CAN BE USED FOR PRINTOUT  
SOURCE EDIT      D61  
EXT SYM FILE      D61  
OBJ FILE      D61  
BLK WORK FILE      D61

Obj File      MVP (MUST ALREADY EXISTING & BE APPROX 500 SLOTS)  
Blk Work File      BPWK.TMP  
START MODULE NAME      ZZMVP (ALL INSTRUCTIONS TO DO COMPILE)

DATE & TITLE      4/22/1991      REL 3.4 & LIMITS PATCH      RET  
DO YOU WANT CODE IN ORDER?      N      FASTER & WORKS      RET  
TAKES 3-4 HOURS TO COMPILE

## MESSAGE

WHEN COMPLETED:      1 DISK ERRORS THIS ASSEMBLY      (ASSUMED TO BE SOFT ERROR)  
NO ERRORS OR WARNINGS

STOP - END OF ASSEMBLY

INITIALIZE MEMORY + RELOAD NEW CODE  
SAME AS BEGINNING

CALCULATE CHECK SUM  
Debug Cmd      SF' 4

Try It  
TEST FIX ON MPU CPU

★★ IF OK NOW WILL SAVE IN STANDARD O/S FORMAT  
SF' 15 TO PUT IN STEP

Debug Cmd      SD SF' 24      SAVE DATA

Disk Address 061 WORK DISK  
 FILE CNDA WILL WIPE OUT EXISTING FILE IF ALREADY EXISTS  
 SIZE OF FILE 500 SHOULD VERIFY SIZE (500) OK  
 SAVE WHAT? C COMMENT  
 COMMENT CS/2200 O/S Sys 3.4 + LIMITS (SEGN WHEN LOADING) RET  
 SAVE WHAT? C  
 COMMENT COPY WRIGHT ETC. <sup>WANG</sup> R60

SAVE WHAT M FOR MVP (SAVE CONSTANTS + INSTRUCTIONS)  
 SAVING MVP  
 RECORDING  
 " "  
 " "  
 " "

DEFAULT FOR STANDARD MVP BIT NO LONGER BIG ENOUGH.  
 MUST DO INDIVIDUALLY AS BELOW  
 SAVE DATA :  
 SAVE INSTRUCT  
 INCREASE INSTRUCT SIZE

MOVE NEW O/S FILE TO MDU CPU  
 MOVET/D61

GOT PECM ERROR TRYING TO LOAD CNDA  
 DEFAULTS WERE NOT BIG ENOUGH FOR FILE  
 REPEAT FROM \*\* (BOTTOM OF PREVIOUS PAGE)

PROGRAM THAT USED TO SAVE CHANGE  
 LOAD 2600SD  
 LINE 404  
 CHANGE  
 EA = HEX(65 FF)  
 TO  
 EA = HEX(66 FF)  
 RESAVE T:2600SD

→ SAVE WHAT? D (DATA)  
 START ADDR 0000  
 END 0BFF (SAME AS BEFORE)

SAVE WHAT? I  
 START ADDR. 0000  
 END ADDR. 66FF (CHANGE FROM DEFLT OF 65FF) RET  
 SAVE WHAT? E (END OF FILE)

FILE COMPLETE  
 DEBUG Cmm? 60 SP:31  
 2600 EXECUTING

MOVE T/D61, "CNDA" TO T/D21,



- 6.5.10A. If the Data Exchange Utility (DATACON.EXE) is on a virtual file, mount the PC virtual file resident on the VS system using the PC/VS Server Utility (VSACCESS). Indicate the VS file, library, volume, and mode (READONLY) for the PC/VS Data Exchange Utility (datacon) and suspend emulation.
- 6.5.10B. If the Data Exchange Utility (DATACON.EXE) is on your hard drive, leave all VSACCESS fields blank and suspend emulation to leave VSACCESS active.
- 6.5.11. Run the datacon program from the BIN subdirectory of your PC virtual disk or from the directory on your hard disk. Specify the source data file as a "VS Consecutive File" and the destination data file as a "PC Stream File" and press EXECute. Enter the pathname of the source file on the VS system and the pathname of the destination file on the PC and press EXECute. The file will be transferred and converted to a PC stream file.
- 6.5.12. Dismount the PC virtual disk when you are done.
- 6.5.13. Run File Formatter which is a menu pick found under PC PLD Programming Utilities by running run\_pps.bat.
- 6.5.14. After running File Formatter, select FORMAT and 2200.
- 6.5.15. Continue at section 5.1.2 in this document.