PROTEUS OPERATING NOTES

Proteus CP/M is like standard CP/M except for the following additions and alterations.

1.   PUTSYS should be used instead of SYSGEN for copying the operating system onto a new disk.   You must use the Read command to read the operating system, then use one of the listed commands to reconfigure if required.   The use the write command to write the operating system onto another (or the same) disk.

2.   Proteus must use a double sided disk in Drive A.   Proteus double sided disks will probably not be interchangeable with other systems.   However you may use a single sided disk in drive B: in which case the single sided disk will be standard CP/M single sided format. Double sided is recommended except when you want interchangeability with another system.

      If you switch from a single to double sided disk in Drive B, or vice versa, you should do a Control-C warm start.

3.   The   utility program UTE.COM contains commands to   format blank disks and to copy an entire disk from Drive A onto Drive B.   Note - neither of these operations check the written data - you should use the check command on completion.

4.   Proteus CP/M gives a description of any 'Bad Sector' errors. It always checks that written data (except as noted above) can be read back.

Proteus Installation Notes

The serial printer port is physical device LPT:
The parallel printer port is physical device UL1:

You can change the logical LST: device to either with
    STAT LST:=LPT: or   STAT LST:=UL1:
This will remain in effect until the next cold start.

You can change the default setting with PUTSYS.

The baud rate for the modem port is the upper block when looking
at the I/O PCB. The baud rate for the printer port is the lower
block. The jumper positions are as follows-

                2400...1200
                4800...600
                9600...300

The RDY/BSY jumper is used for controlling the printer hardware
handshake. (XON-XOFF is also supported and automatically
controlled by software)..
If the printer uses pin 20 (DTR) for handshake (high = ready)
then put the jumper in the RDY position. If it uses a signal
which is high when busy then put the jumper in the BSY position.
If the printer does not use pin 20 then make a special cable.

Installing software

Wordstar.

Select ADM-31 for the ADM-23. Teletype-like printer will always work, however improved spacing may be obtained by selecting the DIABLO option if a DIABLO printer is used.

LST: will always work, however for printing and editing at the same time with a serial printer, Wordstars Port Driver is better. Install as follows-
```
I/O     (map)
Accept
09      (data port)
Accept
08      (status)
02      (bits)
02      (bits)
```

DBASE II

The ADM-31 selection does not clear the screen on (all) ADM-31's! It does work on ADM-21 and Televideo terminals. To use an ADM-31 install first for ADM-31 then re-install and change the code to clear the screen from CNTRL-Z to ESC *.