ACCESSING HOST SYSTEM DATE AND TIME

As of MIRAGE 1.20, an extended BIOS entry point has been added to the BIOS jump table to allow programs to access the Data General host system's date and time.

Page 2-3 of the MIRAGE Reference Manual describes several extended BIOS entry points in the MIRAGE CP/M system. The date and time entry ("JMP DATIM") immediately follows the "JMP PUNST" entry documented on that page.

To invoke this BIOS routine, load register pair DE with a pointer to a 6-byte area of user memory to receive the date and time, and CALL the entry point. Upon return, register pair DE will be unchanged but the contents of all other registers will have been destroyed.

The date and time are returned in binary according to the following format:

```
(DE)+0 -> Second [1..59]
(DE)+1 -> Minute [1..59]
(DE)+2 -> Hour [0..23]   (24-hour format; midnight=0)
(DE)+3 -> Day [1..31]
(DE)+4 -> Month [1..12]
(DE)+5 -> Year-1900      (i.e., 1983 as 83)
```

Note: Neither CP/M 2.2 nor common aplications require or support this extension. Programs which are written to take advantage of this feature will not be portable to other CP/M systems.