

Booting the H-89 / Z-90 Computer with the MMS ROM

In order to run the QuikStor Operating System to use the Z67-IDE, we must replace the Heath's system boot ROM with the MMS boot ROM. This results in some minor changes to the boot process on the H-89/90 computer.

On power up, the initialization of the ROM code will detect a 4 MHz CPU clock speed and report it on the H19 screen followed by the new system prompt. Otherwise, you just get the prompt: IDE: _

```
| CPU SPEED = 4 MHZ . . . .  
| IDE: _  
|
```

To boot from the H-17 floppy system, one would type: {letters enclosed by <> are auto-completed}

```
| IDE: B<OOT> B<B>0 ; unit 0  
| IDE: B<OOT> B<B>1 ; unit 1  
| IDE: B<OOT> B<B>2 ; unit 2  
|
```

To boot from the H-37 floppy system, one would type:

```
| IDE: B<OOT> C<C>0 ; unit 0  
| IDE: B<OOT> C<C>1 ; unit 1  
| IDE: B<OOT> C<C>2 ; unit 2  
|
```

To boot the Z-67 system, one would type:

```
| IDE: B<OOT> S<S>0 ; unit 0  
| IDE: B<OOT> S<S>1 ; unit 1  
|
```

On the original Heath system, unit 0 was the Hard Drive and unit 1 was the 8" floppy. With the Z67-IDE, unit 0 is Hard Drive 0 and unit 1 is Hard Drive 1.

When booting HDOS from the Z67-IDE:

```
| IDE: B<OOT> S<S>0 ; boots the specified default partition or presents boot menu  
| IDE: B<OOT> S<S>0:part-n ; boots partition n, if SYSGENed
```

Partition names HDOS or HDOS0, HDOS1, HDOS2, . . . , HDOS7 specified for part-n above.