

# DISK

## STARTING UP:

- ① After loading PTOS, <sup>OR #DISK</sup> 43CE  
load tape "disk.obj" <sup>^</sup> from 4000 to 43ce  
making certain there is memory there.
- ② Put your disk in the drive and do  
an "exec 4000".

## COMMANDS

### DRIVER

#### 4000 - DISK INITIALIZATION

Must be done when a new disk is put on the drive. May be done at any time, particularly if you are suspicious of problems.

#### 4003 - DISK READ

Command to move data from disk to memory. All moves are in 128-byte sections (80h). You are prompted for responses (see track/sector below).

#### 4006 - DISK WRITE

The inverse of disk read.

## SUBROUTINES

4009 - ENABLE DISK.

Corresponds to disk initialization. Put drive number in A.

400C - READ DISK

HL  $\rightarrow$  128 byte buffer

D = track

E = sector

on return, CY = 0 if good

400F - WRITE DISK

Same arg's as above, except disregard CY.

4012 - VERIFY DISK

Just like read, but no data is moved, so HL is irrelevant. A good idea after a write (This is what the command DISK WRITE uses.)

## T/S FORMAT

The commands ask for T/S (track/sector) in the format "ttss" where tt is a hex number for the track and ss is the hex sector.  $0 \leq tt \leq 4c_{16}$   $0 \leq ss \leq 1f_{16}$

NOTE: These commands do not relieve the necessity