

## View Mode:

<Down-Arrow>	Next Sequential Sector
<Up-Arrow>	Previous Sequential Sector
<Right-Arrow>	Next Head, (will wrap to zero)
<Left-Arrow>	Previous Head, (Will wrap to max head number)
N	Next Drive. If drive not present or ready, will repeat command until a ready drive is found.
P	Previous Drive. If drive is not present or ready, command will be repeated until a ready drive is found
R hhhhhh	Jump to a specific Sequential Sector. To avoid entering leading zeros, enter number followed by <Enter>. For Example SSN 2 can be specified as '0002' or '2<Enter>'. Command may be edited with <Backspace> when 3 or less characters have been entered.
H d	Specify number of heads on the drive. 1 thru 8 are allowed. Default is 4 heads.
C hhhh	Specify number of cylinders. 00 - FFFF are allowed. The WD controller only supports 1024 cylinders. Default is FF.
D	Jumps to the primary root directory extent block.
A	Jumps to the alternate root directory extent block.
Control F	Format current track. You have one more chance to abort after pressing Control F. You must respond 'Y'. <Escape>, 'N' or <Break> will abort. The Track is formatted only. The interleave is currently fixed at 10:1. (That is:) 1 13 8 3 15 10 5 17 12 7 2 14 9 4 16 11 6
T	Toggles the filtering of the Ascii section of the display. There are three positions. 1 Only ascii 32 - 126 are displayed. 2 ascii values 0 - 31, 229 & 127 are converted to '. 3 data is displayed without modification.
<f1>	Enters modify mode.
<Escape>	Aborts any prompt.
<Break>	If no command is outstanding, exits to DOS. If a command is in progress, it must be aborted with <Escape> first.
<Hold>	Prints the contents of the screen on the printer, two screens per page. Note: Dskzap cheats and does not use the SVCs, so the printer and the system will be out of sync if you don't print an even number of screens or if you don't TOF the printer.

Modify Mode:

<UpArrow> Position keys to modify sector.

<DownArrow>

<LeftArrow>

<RightArrow>

<f1> Toggles between Hex and Ascii mode. Changes  
can be entered in Hex or in Ascii.

<f2> Saves Changes and returns to View Mode.

<Escape> Cancels Changes and returns to View Mode.

#### Changes in Version 1(5) 2-Nov-82

Slight improvement in positioning speed. Fixed code to use buffered seek properly.

Re-activated Format Track Code and added some safeguards.

Format Track code cleaned up for eventual interleave selection.

Fixed Mode status field to display 'Ascii' instead of 'Asci'.

The contents of the keyboard buffer is now cleared so users of VERTZ6 will not have to look at garbage while in Zap. (Keyboard was always saved and restored on exit.)

Fixed old bug where sequential sectors were not always calculated correctly.

#### Changes in Version 1(6) 15-Nov-82

Slow entry problem corrected. When entering Dskzap or changing drives, system should respond much faster.

Added 'D' and 'A' commands to allow direct jump to primary and alternate root directory extent block. (Code added as prelude to 'Jump To File' commands.)

Changed command parser to allow <Enter> to indicate the presence of leading zeros in a sector or cylinder entry.

#### Changes in Version 1(7) & 1(8) 10-Jan-83

SSN 2 is analyzed on entry. If Cylinder and Head counts are found, then those values are used by DskZap. TRSDOS 4.2 and later, along with XENIX set these values on the disk. If none are found, DskZap assumes 4 heads and 256 cylinders (8 meg drives).

Screen is saved on entry to DskZap and is restored on exit.

Added new command 'T' which toggles ascii field filtering.

Replaced Ascii display routine with tighter code.

Added 1-9 and 0 commands which jump to the file from the extent block and back to the extent block. These commands are not really usable yet, as you must find the extent block manually. In next version, will fix.

Replaced tons of code for cylinder support. 16 bits of cylinder number is now supported so that DskZap will work with the new drives. C & R prompts now have two additional hex digits to support higher cylinder and ssN values for new drives.

As a part of this change, the 16 bit multiply routine was replaced with a 24 bit multiply routine.

Fixed an ancient problem where the cursor size was altered by DskZap and was not set back to its TRSDOS size.

Screen is now saved on entry to DskZap, and is restored on exit.

<Break> will not abort command prompts anymore. This was requested and it forces you to use <Break> only to exit to DOS. <Escape> aborts prompts.

Changes in Version 1(9) 27-Jul-83

Changes to drivers for the software "compatable" WD1010. Please report questionable error handling ASAP. Should also continue to work with WD1000.

Removed call to INITIO SVC because it does weird things starting with TRSDOS-II 4.3. Report any strangeness caused by this change too.

Am still making changes and improvements. Please report bugs and suggestions to me, 2865 13th Floor. Coming Whenever:

Interleave selection when formatting Tracks  
Jump to extent pointers from directory entries  
Floppy disk support

256 byte sector support for LDOS 5.1.x/TRSDOS 6.x formatted disks

Frank Durda IV