

LDOS (tm)LSI UTILITY DISKS

from

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LOWEASOFT

a division of Breeze/QSD, Inc.

UTILITY DISK

#7

(c)1982

\$29.95

Disk #7 Includes:

PMOVE/CMD - A SUPER FAST Multiple Copy Utility!
PDIRT/CMD - Read a Mod III TRSDOS directory from LDOS!
PASSBO/CMD - Removes passwords from A file or a WHOLE disk!
PUN/CMD - UN-REPAIR a disk. (Mod I only)
PEX/CMD - A disk exerciser for head cleaning kits.

LOADING INSTRUCTIONS

- MOD I or III -

- 1) Prepare a SINGLE density LDOS formatted diskette. This disk may be 35, 40, or 80 tracks, but make sure it is SINGLE DENSITY!
- 2) BOOT the MASTER disk you received in this package in Drive 0. You will be prompted to insert the destination diskette, and the files will be "moved" to YOUR diskette with no effort on your part. Single drive owners will need to swap disks a few times.
- 3) LX-80 users should treat the enclosed MASTER disk as a 35 track single density DATA diskette.

PUN

===

The PUN Utility is a Diskette Un*Repair utility. It allows the user to easily reverse the effects of a "repair (alien)" command that was used to convert the data address marks used by TRSDOS to that used by LDOS. This will allow TRSDOS I to access a directory written to by LDOS. This program will only work in a Model I (the Mod III cannot reproduce the desired address mark), and will only operate on a single density, single sided, 5" floppy disk. The syntax of the PUN command is:

```
=====
!  PUN,:a                                     !
!                                           !
!           :a = drive number to un*repair   !
!                                           !
=====
```

When the appropriate parameter has been specified, the directory will be read into memory, and immediately written back with the Mod I read*protect data address marks. This will allow TRSDOS I to access the directory again.

In order to gain compatibility between the models I and III, LDOS has chosen to write the single density directories on a Mod I using the User Defined Address Mark. This will cause TRSDOS to report a read error on the directory, or at least cause a lot of thrashing while the system does a re*seek 10 times for each sector. One pass through PUN, and no more problems.

PASSGO

=====

The PASSGO Utility is a comprehensive password removal utility. It allows the user to easily remove passwords on a single file or an entire diskette. All LDOS supported disk devices may be operated on, including Single/Double Density, Single/Double Sided, 5" and 8" floppies and fixed/removable disk systems. The syntax of the PASSGO command is:

```
=====
!  PASSGO,:a,V,I,S,N                                !
!  PASSGO,filespec                                    !
!                                                     !
!           :a = remove all passwords this drive    !
!           V  = include VISIBLE files (default)     !
!           I  = include INVISIBLE files             !
!           S  = include SYSTEM files                !
!           N  = exclude visible files               !
!           filespec = any valid LDOS filespec       !
!                                                     !
!  abbr: NONE                                         !
=====
```

Once the specified parameters have been entered, one of the following 2 routines will be performed:

If an entire disk is specified, all files that are included by the command will have both their ACCESS and UPDATE passwords set to nil (8 spaces), and the protection level will be set to 0. The diskette master password will also be set to PASSWORD. The user should note that if the file CONFIG/SYS is affected by this command, it will no longer be loaded by the system. This may be corrected by:
ATTRIB,CONFIG/SYS(acc=ccc,upd=ccc,inv)

If a single file has been specified, then that file will have its ACCESS and UPDATE passwords set to nil, and the protection level will be set to 0 (full access). If a password currently exists for the file, it must be supplied with the command for the password to be stripped off. In this case the following two commands would be identical:

```
PASSGO,filename/ext.password:d
ATTRIB,filename/ext.password:d (acc=,upd=,prot=full)
```

PMOVE
=====

The PMOVE Utility is a comprehensive file copy utility. It allows the user to easily transfer multiple files from one disk to another with a minimum amount of keystrokes. All LDOS supported disk devices may be operated on, including Single/Double Density, Single/Double Sided, 5" and 8" floppies and fixed/removable disk systems. The syntax of the PMOVE command is:

```
=====
!  PMOVE,:a,:b,/cde,file1,file1>file2                                !
!                                                                    !
!          :a  = source drive number (0-7)                            !
!          :b  = destination drive (0-7)                              !
!          /cde = default extension for all files                    !
!          file1,2 = any valid LDOS filespec                         !
!          >    = rename file to following filename                 !
!                  followed by a list of files                      !
!                                                                    !
!  abbr: PMOVE,ab/cdefile1,file2                                     !
=====
```

Once the desired parameters have been entered, the source and destination directories will be read to establish the disk types. The command line may be specified with the program name from the DOS command level, or you will be prompted for it. If entered from DOS, you will be limited to the 63 character input buffer. If prompted from the program, you will have a full 255 character buffer to specify the files. You may also optionally enter the asterisk character (*) as the first command, and the screen will not be cleared when the program initializes. If you have a directory on the screen, type PMOVE,* and you will have access to the 255 character input, and the filenames will still be on the screen.

PMOVE may be used to copy a single file:

PMOVE,01pmove/cmd

but the time saving is really noticed when several files are to be copied:

PMOVE,01/cmdpmove,pmod,pvu,pfilt/flt,passno,pmap

the above command will copy 6 files from drive 0 to 1, and the default extension of /CMD will be added to all files except PFILT/FLT.

PMOVE may also be used to duplicate the same source file to several destination files using the rename capabilities:

pmove,01/cmdpmove,pmove>pmove1,pmove>pmove2,pmove>pmove3

the above command will take PMOVE/CMD from drive 0, and create 4 identical files on drive 1 named PMOVE/CMD, PMOVE1/CMD, PMOVE2/CMD, and PMOVE3/CMD.

PDIRT
=====

The PDIRT Utility is a comprehensive directory utility with the ability to read Mod III TRSDOS formatted diskettes. It allows the user to easily list files that are normally not readable via LDOS commands. This program requires that the disk to be read is previously formatted by TRSIII. On a Mod I, this program will only operate if the appropriate double density hardware is present, and corresponding LDOS double density disk drivers are in memory. The syntax of the PDIRT command is:

```
=====
!  PDIRT,:a,I,S,O,P                                !
!                                                    !
!      :a  = drive number (0-7, colon optional)    !
!      I   = include INVISIBLE files                !
!      S   = include SYSTEM files                  !
!      O   = include system OVERLAYS                !
!      P   = output to printer                     !
!                                                    !
!  abbr: NONE                                       !
=====
```

When the desired parameters have been specified, the diskette will be read into memory. All VISIBLE files will automatically be listed, along with invisible and system files if requested. Because TRSDOS Mod III does not log the system overlays into normal directory records, but instead logs them into the last 32 bytes of the HIT table, if the O option is specified, a list will be displayed of the system overlays that are currently active in the directory. Each will be listed by a 2 digit decimal number from 00-15 if the corresponding overlay position contains an active pointer.

PEX

===

The PEX Utility is a Diskette Exercise Utility. It allows the user to move the head to any cylinder (for alignment purposes), or to move the head in a continuous motion (for cleaning disk purposes). The syntax of the PEX command is:

```
=====
!  PEX,:a,bbb                                     !
!                                                  !
!              :a = drive number (0-7, colon optional) !
!              bbb = cylinder count                 !
!                  (optional if formatted disk mounted)!
!                                                  !
!  abbr: NONE                                     !
!                                                  !
=====
```

Once the specified command has been entered, the specified drive head will be restored (moved to cylinder 0), and a sub-menu will be displayed. Several keys are recognized by the program at this point:

D	allows you to specify a new drive number
C	allows you to move the head to any cylinder
S	set a new step rate for the drive
A	automatically step from cylinder 0 to the top cylinder
R	move the head to cylinder 0
T	move the head to the top cylinder

If the automatic mode has been set, any of the other commands will terminate the operation. Pressing BREAK at any time will abort the program and return control to LDOS.

If you have a head cleaning diskette, the automatic mode may be used to move the head across the diskette. Use directions supplied by the head cleaning manufacturer. You may turn the system clock on prior to entry into the program to have a seconds timer available. It is not advisable to run PEX on any one drive for more than 15-30 seconds at a time while the head cleaning disk is in place. Although most manufacturers claim that the kits are non-abrasive, too much of a good thing could mean trouble, and this means HEAD WEAR. Please follow your kits instructions. We suggest that if you only use your computer a few hours a day, then ONE cleaning a year should be sufficient. Even heavy users should only clean once a month or less. You'll notice that the head cleaning kit does not tell you HOW to actually clean the head. Most people simply insert the disk, and boot the system. This does NOT do the job, and of course, will only work on the drive 0 disk. Aren't you glad you have PEX?

LDOS (ta)LSI UTILITY DISKS

from **POWERSOFT**
a division of Breeze/QSD, Inc.

UTILITY DISK #3 (c)1982

Disk #3 Includes:

- PCHECK/CMD - LDOS Directory Check Utility. Checks a drive or a file, (GAT, HIT, BOOT, etc.) for integrity.
- PFIX/CMD - FIXES problem discovered by PCHECK/CMD. You may repair GAT or HIT table, repair BOOT sector, or repair FILE records. This program might fix that crashed disk that has you going nuts!

UTILITY DISK #5 (c)1982

Disk #5 Includes:

- PREFORM/CMD - Disk Re-Formatter Utility. Fixes CRC errors and "strengthens" the format on older disks. A FORMAT without ERASE utility (5" floppy only)
- PVU/CMD - a Disk Verification Utility. Detects bad sectors. Fix them with PREFORM/CMD.
- PERASE/CMD - Disk Bulk Eraser (5" floppy only)

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UTILITY DISK #2 (c)1982

Disk #2 Includes:

PMOD/CMD - A Disk-File-Memory Modification Utility.

- PMOD,aaaa (display memory address)
- PMOD,filespec,aaaa (file to display, starting rel. sector)
- PMOD :b,c,d (drive,cylinder,sector to display)

UTILITY DISK #4 (c)1982

Disk #4 Includes:

- PFIND/CMD - FIND a string, replace a string, find a byte, find a WORD, replace a byte or word! FIND ANYTHING on the disk FAST! Replace it FAST!
- PCOMPARE/CMD - Compare a FILE or a sector to any other file or sector. Detects the minutest differences! Send the outputs from above to video or printer.

UTILITY DISK #6 (c)1982

Disk #6 Includes:

- PCLEAR/CMD- Erases unassigned sectors and Directory slots. Removes ALL traces of "killed" files!
- PSS/CMD - Sector Status Utility. Finds WHAT file is assigned to WHAT sector.
- PNAP/CMD - Disk-File Mapping Utility. Map a FILE or a disk! Shows exactly WHERE all files are with extents.

UTILITY DISK #8 (c)1982

Disk #8 Includes:

- PNX/FLT-MX86 graphics
- PHELP/CMD -Instant HELP! Very complete. Saves time!
- PBOOT/FIX - Customize YOUR LDOS Boot graphics and message!
- PFILT/FLT - A User Definable Filter. Very flexible!
- DVORAK/FLT - DVORAK/QWERTY Keyboard Filter.
- DVORAK/JCL - DVORAK Keyboard Table (used with PFILT/FLT)
- CODE/JCL - Keyboard EN-Coding TABLE (used with PFILT/FLT)
- DECODE/JCL - Keyboard DE-Coding Table (used with PFILT/FLT)