SUPER FAST FILE BACKUP AND UTILITIES

USER'S GUIDE

VERSION 1.0

FIRST EDITION

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DO NOT USE THE SUPER FAST FILE BACKUP TO DUPLICATE PRODUCTS
YOU DO NOT OWN FOR DISTRIBUTION OR SALE AS THEY CAN BE
TRACED.

FIRST Edition (OCTOBER 1988)
Version 1.0

SUPER FAST FILE BACKUP
AND UTILITIES

INTRODUCTION:

The SUPER FAST FILE BACKUP is the fastest file duplicating system
available for the Commodore-64 computer.
Also included with the program is a set of helpfull utilities for disk
organization, these utilities and the SUPER FAST FILE BACKUP utilize
the same hardware as the 21-SECOND BACKUP for all data transfer between
computer and drive(s).
The SUPER FAST FILE BACKUP AND UTILITIES are intended to be used for
duplication and orginization of non protected disks using one or two
1541 disk drive(s).

HARDWARE INSTALLATION:

THE SUPER FAST FILE BACKUP AND UTILITIES program uses the same hardware as the 21-SECOND BACKUP PROGRAM.
If you do not already have the 21-SECOND BACKUP program then follow the hardware installation instructions illustrated in the 21-SECOND BACKUP manual provided.

PROGRAM USAGE:

Loading: To load type Load "*",8,1 and hit <RETURN>

After doing the above you will be confronted with an intro screen with a prompt asking you to select 1 or 2 drive(s) ?. Select the number of drives accordingly. If you selected two drives you will be prompted to turn on the second drive and hit a key, the rest of the program will then load.

NOTE:If you have 2 drives, with the hardware installed in both, and you wish to use just one drive then the cable of the second drive must be disconnected or program will not load.

Once the program has loaded up, the screen will be set up for split screen directory viewing on the left side and 10 options to choose from on the right side. These options and more will be explained in the following pages.

   I- VERIFY OPTION: This option can be used with every option (1-10). Press the letter V to toggle on and off.
When verify is on it will verify the read and write but will reduce the speed.

   II- WORKING DIRECTORY: Use this option to choose which directory you will work with. Press the W key to toggle between directory 1 & 2.
Note- directory-1 is the top half on your screen. Directory-2 is the bottom half on your screen.

   III- FUNCTION KEYS:F1 and F3 scroll the directory-1 up and down slowly, F2 and F4 scroll the directory up and down fast, F5 and F7 scroll the directory-2 up and down slowly, F6 and F8 scroll the directory-2 up and down fast.

   IV- RUN/STOP KEY: This key is the escape key, use it to get out of any option etc..

<u>V- MAIN OPTIONS</u>: (0-9)

<u>Option-1- LOAD DIR</u>: This option is to load the directory of your disk.
It will show you the name of disk, id (id on track 18 sector O), real
id (id which is on header of each sector on disk), type of program,
file name, blocks occupied by each file, number of files on disk
(Entry), and number of blocks free.

<u>Option-2- MODIFY DIR</u>: Allows you to modify the directory. When this
option is selected a sub-menu will be displayed:
    <u>1- Add info line</u>: Automatically puts a dashed line in directory.
Use cursor key up or down to select where you want to put dashed line
then press the <u>1</u> key.

    <u>2- Delete line</u>: Use this option to delete the info line and also
any other file using O blocks.

    <u>3- Rename entry</u>: Use cursor to select file to rename, then just
type new name. <u>NOTE</u>: Every key on the keyboard will be considered a
character (use this option carefully).

    <u>4- Rename disk</u>: Use this option to rename your disk without erasing
the disk.

    <u>5- Move entry</u>: Moves file within your directory. To move a file,
first you must set the range of file(s) to move, this can be done by
pressing the <u>6</u> key and selecting the range of files by using cursor up
and down and hitting <RETURN>, then select the place you wish to move
the file(s) by using cursor up and down key(s), then hit the <u>5</u> key and
<RETURN>.

    <u>6- Set Range</u>: Sets range of file to manipulate, works with move
entry option.

<u>Option-3- Copy files</u>:(1-DRIVE USAGE)

a) Select working directory-1 (press the W key to fix to 1)
b) Load the directory (press 1 key) of your disk with files to be
copied (source disk).
c) Press the W key again to select working directory-2.
d) Insert disk where you wish to copy the files (destination disk).
<u>Note</u>: This disk (destination) must be formated.
e) Select option 1 (Load Dir) and get directory of destination disk.
f) Press W key again to switch to working directory-1.
g) Reinsert the disk that contains the files you wish to copy (source
disk).
h) Now you are ready to copy your files.
i) Press the <u>3</u> key (copy files).
j) You will see on the right side of directory-1, three options.
    <u>S</u>-Select all: Selects all files on the directory <u>except</u>,
                    relative (rel) and user (usr) files.
                    (press <u>S</u> key to use)
    <u>C</u>-Clear: Clears all selected files.
    <u>T</u>-Toggle file: Selects only one file at a time.
k) Once you have selected the files you want to copy press <RETURN> key
to start the copy procedure.

Copy files: (2-DRIVE USAGE)

a) Press the W key to select working directory-2
b) Insert the disk where you want the files to be copied onto (destination disk) in drive-2
c) Get directory of the destination disk (option-1 load-dir).
d) Press the W key to go back to working dir-1.
e) Insert the source disk (disk that contains the files you want to copy) in drive-1 and get the directory of this disk.
f) Now press the 3 key to select copy files and follow the instructions of copy files (steps j & k) from 1-drive option of copy files.

Option-4- Move files: This option works the same way as Option-3, except, it will erase files being moved from the source disk (disk that contains the files you want to copy). Follow the same instructions as in option-3 (copy files) to select the files you wish to move. NOTE: The source disk should not have a write protect tab on it when using this option.

Option-5- Erase files: Press W key to select the directory of the disk you wish to delete files from. Then press the E key to execute the option. Now press either the S key to select all files to delete, or the C key, to clear all the files you selected, or the T key to toggle (select) only 1 or more file(s) to delete.

Option-6- Check Disk: Insert the disk to be checked in drive and press the 6 key. This option will scan entire disk and present you with a full track and sector readout. (see Appendix-A).

Option-7- Validate disk: This option validates entire disk. NOTE: Use this option carefully for this option will damage relative (rel) files. Do not use on disk that contains relative (rel) files .

Option-8- Copy disk: (Designed to be used with unprotected disks) Copies entire disk. NOTE: There is no need to format the destination disk when using this option. When using 1-drive, you will be asked to swap between source and destination disks.

Option-9- Format disk: Formats entire disk. Select working directory first when using this option and follow all prompts. NOTE: Use the Set real-ID option first, before formating a disk.

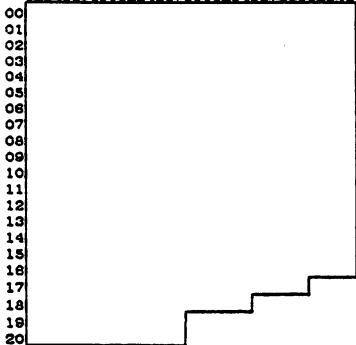**Option-10- Set real-ID:** This option sets the ID on each sector of disk. NOTE : Use this option before using the format disk option.

TRACK AND SECTOR DISPLAY

```
    00000000011111111112222222222333333
    12345678901234567890123456789012345
00│
01│
02│
03│
04│
05│
06│
07│
08│
09│
10│
11│
12│
13│
14│
15│
16│
17│
18│
19│
20│
```

READ ERRORS : (ERRORS ENCOUNTERED DURING READING OF A DISK) These
errors will be represented on the above screen by numbers.

NUMBERS

        1 ==> NO SYNC (ERROR 21)
        2 ==> NO BLOCK HEADER (ERROR 20 OR 27)
        3 ==> NO DATA BLOCK HEADER (ERROR 22)
        4 ==> BAD CHECKSUM (ERROR 23)
        5 ==> TRACK OR SECTOR IMPOSSIBLE TO READ
        6 ==> FILE LENGTH NOT CORRESPONDING
              WITH ACTUAL NUMBER OF BLOCKS
        7 ==> BAD ID (ERROR 29)

WRITE ERRORS

        1 ==> NO SYNC
        2 ==> NO BLOCK HEADER
        8 ==> WRITE PROTECT (ERROR 26)
        9 ==> WRITE VERIFY (ERROR 25)

NOTE: IF MORE THAN ONE ATTEMPT HAS BEEN MADE TO READ A SECTOR THEN A
DOT WILL FLASH ON THAT SECTOR (THIS CAN BE SEEN ON THE ABOVE DISPLAY OF
TRACKS AND SECTORS).

LIMITED WARRANTY

V.G. DATA SHACK, warrants to the original purchaser only, the enclosed program diskette and hardware device to be free from material defects for a period of 30 days. If a defect is discovered within this 30-day warranty period, and you have validated your warranty by returning the warranty registration, call the V.G. DATA SHACK technical & product support line at 1-(514)446-9663. The technician at V.G. DATA SHACK will give you a Return Authorization code number (RA#). Return the complete SUPERFAST FILE BACKUP AND UTILITY package (including the program diskette and hardware device) properly packaged and postage paid, to V.G. DATA SHACK with the RA# clearly written on the outside of the package. All packages without an RA# on the outside will be refused. At our sole option, we will repair or replace the diskette and/or hardware device, PROVIDED that the diskette and/or hardware device is mailed to V.G. DATA SHACK, shipping prepaid, with the RA# clearly exhibited on the exterior of the package.

This warranty is limited to repair or replacement only, exchanges or refunds are not permitted. This warranty does not cover failure or damage resulting from alteration, abuse, neglect, improper maintenance, theft, or excessive wear. After the initial 30-day warranty period, replacements shall be made, for a service charge, to registered owners ONLY. Any implied warranties, including warranties of merchantability and fitness, are hereby limited to 30 days from the date of purchase. Incidental or consequential damages resulting from breach of any express or implied warranties are hereby excluded.

V.G. DATA SHACK shall have no liability or responsibility to a purchaser, customer or any other person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the enclosed computer program and/or hardware device.

The software, hardware, and documentation enclosed in this package are sold "as is" with no warranty as to fitness, performance, or merchantability. Reproducing any portion of this product or associated documentation is illegal and constitutes copyright infringement, subjecting the offender to possible civil prosecution.

WARRANTY REGISTRATION
(MUST BE SENT IN WITHIN THIRTY DAYS OF INVOICE DATE)

DATE   : YR   MO   DY

PURCHASED FROM:

INVOICE No.   :   PRICE: $

ADDRESS   :

CITY   :   STATE:

ZIP CODE   :   PHONE No.: (   )

PURCHASER'S NAME:

ADDRESS   :

CITY   :   STATE:

ZIP CODE   :   PHONE No.: (   )

COMMENTS   :

PLEASE SEND TO: V.G. DATA SHACK
                5625 GRANDE-ALLEE BLVD.
                LOCAL O5
                BROSSARD, QUEBEC, CANADA
                J4Z 3G3

IMPORTANT: WARRANTY REGISTRATION IS VALID ONLY IF A COPY
                OF PROOF OF PURCHASE IS INCLUDED

NOTICE OF APOLOGY

All of us here at VG DATA SHACK regret the fact that you, the customer,
had to wait patiently for a product that was ordered and not delivered
within due time. Due to factors beyond our control we encountered this
unforseen delay.
The product in question, SUPERFAST FILE BACKUP AND UTILITIES, is
finally working 100 % and we are sure you will enjoy it.

THANK YOU FOR BEING PATIENT

PS. If you encounter any further problems or questions please dont
hesitate to call us for a quick response.