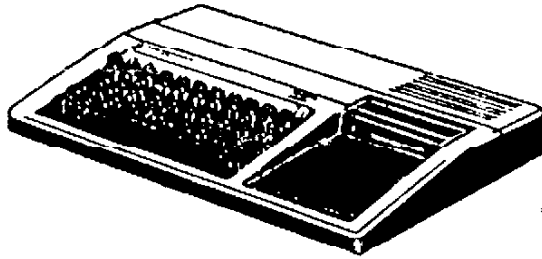


# HOUSTON USERS GROUP

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HUG NEWS  
FEBRUARY 1989



## MEETING SCHEDULE SUNDAY MAR 12 1:00

AGENDA: DISK DRIVES - Possibly a  
P R BASE DISCUSSION -

>> New Place and Time: NPOA Clubhouse  
Claridge Drive (see map) Key 530Z  
2nd Sunday each month (we hope!)

HUG TIBBS - 24-hour BULLETIN BOARD ; Meetings: Feb. 12, 88 // Mar. 12, 89  
(713) 781-4844 300/1200 bps ; Apr. 09, 89 // May. 14, 89

The Houston Users Group is organized to promote the use of the TI-99/4A Home Computer and the Myarc Geneve (TM). We invite persons of similar interest to meet with us. HUG is a non-profit group and is not affiliated with TEXAS INSTRUMENTS, INC.

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IN THIS ISSUE

### Articles:

ED.Echoes-TRIAL N/L Exch. ; McGoverns and FNB 4.13 ; Copyrights article; FNB 4.13 Review by Chas. Good; How to configure FNB by John Owen; Horizon P-GRAM CARD review by Siles Bazerman; New Member; Mailing Labels;

### Other Departments:

Library Addendums    New Releases    Newsbytes    Reprints    Membership Info.

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### 1989 HUG OFFICERS

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Exchange Editors / Librarians: If you have missed an issue of the HUG NEWS please let us know! If you fail to reciprocate or otherwise indicate your Group's interest for six months we will have to drop you off the mailing list. If you want a copy of our Library Catalog of Programs, please send \$3.00 for disks for DV/80 files, or \$6.00 for hardcopy: approx 80 pp. Back issues of the HUG Newsletter are available at \$1.00 (postpaid)/issue, or \$.30 / issue at the meetings, for members.

### HUG MEMBERSHIP INFORMATION

Annual membership fees for HUG are \$15. A ONE TIME initiation fee, for new members ONLY, is \$10. The initiation fee, used to maintain user group services, entitles the new member to receive six free programs - of his own choosing - from the groups Public Domain and Shareware Software Library. Members receive a monthly issue of the HUG newsletter, may order programs from the software library and are permitted access to all "user" levels on the Group's bulletin board (BBS), HUG-TIBBS. All renewal and/or new membership fees and applications may be sent to the Group's Treasurer at: Houston User Group, c/o Ruth & Sandy Herman, 6219 Sanford Road, Houston, Tx. 77096, or brought to the meetings. Please direct any questions regarding membership status to the Treasurer. Membership applications are available at the same address, at meetings, or from the (BBS): HUG-TIBBS at (713) 781-4844. For information concerning the Group or joining, please contact any of the Officers, see list above. Jan 89 circul.: membership = 93; Exch.= 86; Trial Exch. = 28.

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Folks, I'm sorry, this N/L is just destined NOT to get to you before the March meeting. I had a bunch of stuff typed in, and locked up on it, which has not happened in a long time.

The TRIAL newsletters seem to be paying off. Both the PUEBLO U.G. (Pueblo, CO.) and the Guilford 99ers U.G. (Greensboro, N.C.) have indicated they will exchange with us. And some keep coming back also. I will EVENTUALLY get a list of the EXCH.GRPS and the "lost" groups into the N/L here, sometime, smaedav, etc.

I also received a quick note from Tony McGovern in which he noted that he and Will have given permission to the DJIT Systems of San Diego to distribute the 80-column Editor files from FNB 4.13 along with the AVPC card, so if you have this card and a RGB monitor, you can have your own 80-column "TI-Writer clone".

He also confirmed that they have NEVER given permission to TEX-COMP to distribute commercially or as "Freeware" any version of Funnelweb or its files, but that given the geographic distances involved and the previous (to OCT 88) condition of U.S. copyright laws, it has not seemed worth pursuing. On the other hand, in the FEB 89 MICROpendium (pg 8), the Ottawa group emphatically protests the statement of "rip-off" of the "DM1000" (DEC 88 ad by TEXCOMP) by that Group, and the consequent implication of permission to distribute, which is based on the erroneous 'fact' of the code having been "ripped off" from the DORCOMP (tm) Disk Manager program. Sure wish any of MY few, meager, programs were deemed worthy enough to be stolen! (But I sure would be MAD!)

Seems like an appropriate place to include the article from the U.G. of Orange County on COPYRIGHTS, after one further comment:

Tony McGovern has indicated that he would like to use 3.5" 80-track drives but they cost \$200.00 ++ over there. So if your Group is going to make a donation to the McGovern's, you might consider making it in form of one of these (or a pair, if you can put a couple of groups together).

## COPYRIGHTS

by Stan Corbin

I suspect many people who have written programs, have declared the program to be copyrighted without ever having registered them with the Copyright Office. To declare an item as copyright without having registered the same, is a punishable offense. Without registration they have no valid copyright. An unregistered "copyright" has no force in court. That is someone could copy and use the program and would not be liable in a lawsuit. In fact a person who claims a copyright without registering it, may find himself in trouble should he try to sue an "infringer". He could be fined by the copyright office and the so called "infringer" could counter sue for damages.

The information on the following sections are verbatim extractions from the Copyright Law (Public Law 94-553).

Section 106. Exclusive rights in copyrighted works. Subject to sections 107 through 118, the owner of copyright under this title has exclusive rights to do and to authorize any of the following:

- (1) to reproduce the copyrighted work in copies or phonorecords;
- (2) to prepare derivative works based upon the copyrighted work;
- (3) to distribute copies or phonorecords of the copyrighted work to the public by sale or other transfer of ownership, or by rental, lease, or lending;
- (4) in the case of literary, musical, dramatic and choreographic works, pantomimes, and motion pictures and other audiovisual works, to perform the copyrighted work publicly; and
- (5) in the case of literary, musical, dramatic, and choreographic works, pantomimes, and pictorial, graphic, or sculptural works, including the individual images of a motion picture or other audiovisual work, to display the copyrighted work publicly.

Section 107. Limitations on exclusive rights: Fair use. Notwithstanding the provisions of section 106, the fair use of a copyrighted work, including such use by reproduction in copies or phonorecords or by any other means specified by that section, for purposes such as criticism, comment, news reporting, teaching (including multiple copies for

classroom use), scholarship, or research, is not an infringement of copyright. In determining whether the use made of a work in any particular case is a fair use the factors to be considered shall include--

- (1) the purpose and character of the use, including whether such use is of a commercial nature or is for nonprofit educational purposes;
- (2) the nature of the copyrighted work;
- (3) the amount and substantiality of the portion used in relation to the copyrighted work as a whole; and
- (4) the effect of the use upon the potential market for or value of the copyrighted work.

Section 117. Scope of exclusive rights: Use in conjunction with computers and similar information systems.

Notwithstanding the provisions of sections 106 through 116 and 118, this title does not afford to the owner of copyright in a work any greater or lesser rights with respect to the use of the work in conjunction with automatic systems capable of storing, processing, retrieving, or transferring information, or in conjunction with any similar device, machine, or process, than those afforded to works under the law, whether title 17 or the common law or statutes of a State, in effect on December 31, 1977, as held applicable and construed by a court in an action brought under this title.

It is seen that there is some access to the copying of copyright material and under strict circumstances it may be done. Sections 107 through 118 spell out the limitations of the copyright. I would suggest anyone intending to copyright anything should investigate the copyright laws, and follow their procedures.

Copies of the copyright laws (\$2.25) can be obtained from the GOVERNMENT PRINTING OFFICE or one of its' branches. The Los Angeles branch is located in the Arco Plaza on Level "C", 585 S. Flower, Los Angeles, Ca 90071. Phone 213 894 5841.

Some of the information for this article was obtained from the book AUTHOR LAW STRATEGIES, by Brad Bunnin Peter Beren, copyright 1983, available in the Westminster Library.

Reprinted from the N/L of the Users Group of Orange County:



In 40 column mode changes on FWB between v4.12 and v4.13 are small and mostly transparent. An incompatibility was discovered between Horizon Ramdisks and Myarc disk controllers which caused FWB to act up now and then. This has been fixed. Unless you use both these pieces of hardware you may not notice any difference between v4.12 and v4.13. Other differences include paging of directories from QD or from SD with E/X as well as with N/B. The format of the P(rint)ed Directory has been improved.

The big changes are in the optional 80 column editor ED/EE files. This 80 column FWB editor has been revised from the original test release and now works properly with TI, CorComp, and Myarc disk controllers. The 80 column editor was written specifically for use with the DIJIT APVC card and as of this date (Jan 18, 89) it is still not known if the editor works with the Geneve in GPL mode or with the Mechatronics 80 column peripheral, both of which use the same video chip as the AVPC card. All features of the FWB v4.13 40 column editor and its relation to the rest of the FWB are retained in the 80 column editor.

Significant new features of the 80 column editor include V(ieu) file in 80 columns after invoking SD, and a really slick 80 column SD display showing 20 files at a time. Both the work file name (if you have previously used LF, SF, or PF) and the name of the most recently marked file are displayed. You can also unprotect or protect the marked file, something not possible with SD from the 40 column editor.

Both the 80 column editing and the SD screens are in four colors. You can change the background and text colors of the tab ruler at the bottom of the editing screen, together with its cursor column position indicator, separately from the main background and text colors. These separate colors are also used in the three data display areas within the SD screen. Upon first booting the editor, the two additional colors are the second set of colors configured into FWB using FWB's CF/CG configuration files.

Minor new features include Ctrl/Y acting as BOTH left and right margin release, the ability to switch from normal scan (usually best) to interlace scan (may be useful with 80 column monitors that have very fast fade phosphors), and the ability to switch from NTSC (used in N. and S. America) and PAL (used in much of the rest of the world) scan standards.

User groups (not individuals) can obtain a copy of FWB 4.13 (with 40 column editor) and its additional 80 column editor files by sending a disk and paid return mailer to the Lima User Group, P.O. Box 647, Venedocia OH 45894. Please specify in your request if you want the extra 80 column editor files. Remember, the 80 column editor works only with special hardware. We are interested in knowing if this 80 column editor works with the Geneve and the Mechatronic card.

Everyone told me how easy it is to use the "reconfigure" feature of Funnelweb 4.10. I tried it and couldn't make it work. The docs. assumed I know something I didn't. So, at our last JUG meeting (Oct. '88) we worked thru the procedure and after several mis-fires, came up with the following "cookbook" procedure to change printer call-out from RS232 to PIO ( or vice versa).

1. Make a copy of FUNNELWEB 4.10. Leave off the write-protect tab and place this new copy in Drive #1.
2. Auto-load FW 4.10 up to the first menu (Selections 1-9 & -1).
3. Select Option "I" (CONFIGURE). (It can also be reached by selecting the USER LIST from the 'Editor' menu). DSK1.CF & CG will load and display "CONFIGURATION" and the prompts: (?) HELP, (c-C) BACK, & (F-7) DIR.
4. Hit any key. This brings up the 1st window: SYSINFO, QUIT, INSTALL).
5. Hit "S" (SYSINFO) and get the 2nd window: LOAD, EDIT, SAVE.
6. Hit "L" (LOAD).
7. Hit (Enter). (Loads SYSCON from Drive #1.
8. Hit E (EDIT). This will display the 3rd window: LOADING, DEVICES, COLORS, MENU, XB LIST, & UL LIST.
9. Hit "D" (DEVICES). This will display the 4th window: EDIT PRINTER, FMTR PRINTER, OBJECT FILE, WORK FILE, 7 PROGRAM.
10. Hit "E" (EDIT PRINTER). The following instruction window will appear: ENTER FILE/DEVICE.
11. Type in: PIO
12. Hit (Enter).

If the Formatter printer is to be changed, the easiest way is to repeat steps 10,11 & 12 as follows before going further.

- 10a. Hit "F" (FMTR PRINTER)
- 11a. Type in: PIO.LF
- 12a. Hit (ENTER)
13. Hit FCTN-9 (BACK) or CTC-C.
14. Hit FCTN-9 or CTL-C again.
15. Hit "S" (SAVE)
16. Hit (ENTER) to save the change in DSK1.SYSCON.
17. Hit FCTN-9 OR CTL-C to get back to the top menu.
18. Hit "I" (INSTALL). The 6th window gives two choices.
19. Hit "L" (LOAD-XB/XBII).
20. (ENTER) SOURCE program (DSK1.LOAD)
21. (ENTER) TARGET program (DSK1.LOAD)
22. Hit FCTN-9 or CTL-C.
23. Hit Q (QUIT).

To test the changes, it is necessary to return to the TI color screen and reload FUNNELWEB from scratch. While this has only been tested on FW 4.10, it should be applicable to all 4.xx updates of FUNNELWEB.

## HORIZON P-GRAM CARD

by Siles Bazerman

The latest hardware release from Horizon is the P-gram card. For those of you that missed the January meeting, where I demoed it, I will review it here.

If you take a collection of Random Access Memory chips, interface chips and control chips and assemble them into the right configuration you end up with a P Box card that thinks it is a module. This is what the P-Gram is all about.

Using a circuit developed by John Guion, Bud Mills has produced another card which promises to become a winner. The P-Gram is a P box card which allows the saving and loading modules from disk. It also has a memory editor which lets you customize your modules, or even create your own. It is available either in a kit form or assembled and can be obtained with an optional clock.

I ordered my card from Bud Mills Services prior to release after a phone conversation with Bud. I have experienced strong support from Bud and appreciate the excellent quality of his kits. This is the third of his kits I have purchased.

The kit comes complete with a cleanly etched printed circuit board, and all parts needed. You only have to provide solder, a soldering iron, and a screwdriver (1 screw to hold the heat sink in place). You also receive a disk of programs for the DSR, a disk of source code for the DSRs, and either (as advertised) a manual on disk, or in my case two manuals already printed.

The first manual is a construction manual by John Guion, the card designer. This is one of the finest set of instructions I have run across in over 40 years of building and assembling electronic kits. There is no question in what order or where parts go. The text and diagrams (which match the silk screening on the PC Board) eliminate any confusion. The other manual is an operating manual by Robert Jones, who wrote the software, and John Guion. It is also excellent and contains full instruction for saving and modifying modules, assembly code for producing your own modules, and accessing the DSR in several ways. More code and assembly language than I could handle, and more tech info about the operating system than you really need to run the card.

I received board #005 and three hours after opening the carefully packed parts had the board built and ready for

testing. Another half hour had it installed, tested and operational. Admittedly, I have an ideal soldering bench, with cardholder, iron stands, choice of irons, magnifying lens with light, etc. but anyone who can solder can assemble this kit with no difficulty.

The card runs as advertised. You can access the card and the clock separately from X-BASIC or BASIC with a "CALL PG". You then have a menu to 1 Initialize, 2 load, 3 save P-Gram (or module), 4 Memory editor, and 5 Quit.

Using this card you can not modify Groms 0, 1, or 2. You can however look at them in memory, move them to other locations to save to disk and then study them to see how they work. You can access GROMS 3 to 7 and two 8K banks of RAM to emulate any and all modules. I have loaded TI, Atari, and Navarone modules successfully and following the docs modified several.

I have also used several packs done on a GRAMKRACKER with total compatibility. I believe you can even modify the GK utilities to work on the P-G if you switch on Write Enable in software.

I would rate this card a straight A for all areas due to the excellent documentation and ease of use.

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FEBRUARY MEETING: was held on Feb. 12, 1989. We had 24 members attending, plus a few "come-alongs", and Henry Knecht joined us as a member. We felt like he was one of us anyway-- this just makes it official! I know there have been a lot of renewals. I just don't have a complete list in front of me, so thanks to all who have renewed with HUG. You might have noticed that the mailing labels now have little messages on them, like "Time to Renew", and "Thanks for Renewing", etc.

EXCHANGE EDITORS: YOUR MAILING LABEL now has a date for the LAST Previous Issue we sent to you before THIS MAILING. It should also have a series of letters: JFMAXJ--SOND/JF to indicate the MONTHS of the issues we HAVE RECEIVED FROM YOU. x indicates any issues missed; - indicates when none was published. This may or may not be accurate or up-to-date, but should help somewhat. rti.