Ohio
WITH GOD, ALL THINGS ARE POSSIBLE...
1803

CLEVELAND AREA TI-99/4A USER GROUPS

OCTOBER, 1994
(SEPTEMBER)
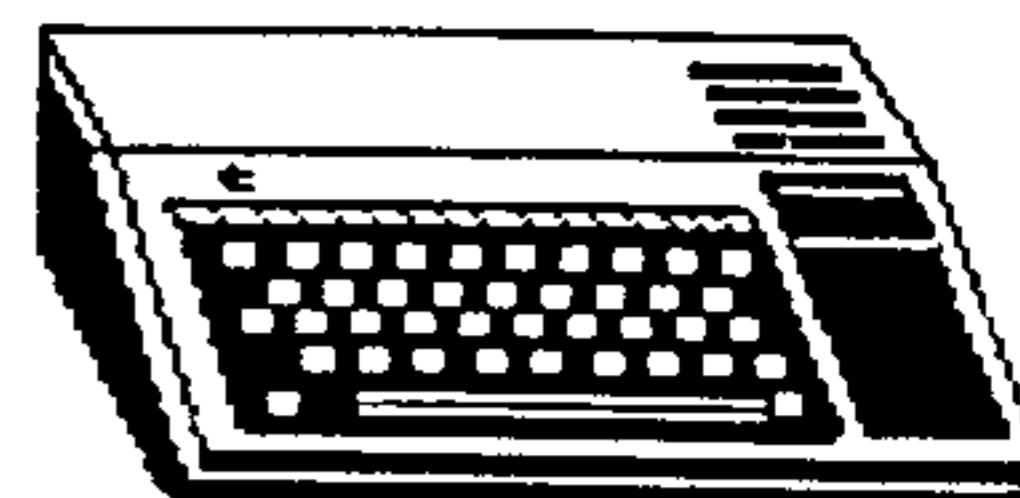
OFFICE	TI-CHIPS		MEETINGS
CO-PRESIDENT	Glenn Bernasek	238-6335	10-12:00 A.M.
CO-PRESIDENT	Virgil Thomason	1264-7779	N. Royalton
TREASURER	Lin Shaw	235-3912	County Library
MEMBERSHIP	John Parken	331-2830	State Rd. SO. of
	4172 W. 217th St.		Route 82 1/4mi
	Fairview Pk., OH 44126		EVERY THIRD SAT.
SECRETARY	(Harry ** Temporary) for Chris		
DISK LIBRARY	Les Kee	238-6938	AUG 20,1994
TAPE & MODS	John Parken	331-2830	SEP 17,1994
HARD COPY	Harry Hoffman	631-2354	OCT 15,1994

OFFICE	NORTHCOAST		MEETINGS
CO-PRESIDENT	Ken Gladyszewski	1357-7274	1-4 P.M.
CO-PRESIDENT	Walt Ryder	921-8223	Euclidian Room
Treasurer	Frank Jenkins	283-8526	Euclid SQ. Mall
MEMBERSHIP	Martin Smoley	1-257-1661	E.260th off I-90
	6149 Bryson		(South)
	Mentor, OH 44060		EVERY THIRD SAT.
SECRETARY	Deanna Sheridan	333-5986	
DISK LIBRARY	Martin Smoley	1-257-1661	AUG 20,1994
TAPE & MODS	Frank Jenkins	283-8526	SEP 17,1994
HARD COPY	Dick Alden	1-352-9172	OCT 15,1994

From the Editor's Desk:

Every TI member should at some time volunteer to do the newsletter and have the experience of sitting in front of your computer screen and wondering where you will get 10 pages of informative text and graphics in time to get it to the printer and in the mail for the next meeting.

I asked Harry to bring me some of the more recent newsletters so that I could get a "feel" of what, if anything, is going on in our little TI world. Unfortunately, what I found was that not much is going on. Several newsletters carried articles about programs that "used" to be. We still see Marty Smoley's articles repeated around the country.

One item I did pick up on that I thought might be fun, was a "reunion" planned by the Dallas TI group. I was wondering if we might want to do something like that here sometime, i.e, invite our former members for a social meet. Nothing fancy, maybe order in sandwiches or pizza. But there were a lot of people we worked with who contributed much to our club that I considered good friends. It would be nice to see what has happened to them on purely a social basis since leaving the TI world. Who knows, some of them may regret that they hastily sold out and wish they had kept that old friend. Some of the people I can think of off the top of my head, are Tom Nellis, Paul Newmeyer, Steve Bagsted, etc. All we would have to do is set a date, send out invitations and order the treats. Anyone else think this a good idea?

When Steve Bagstad sold out, I purchased his Geneve (how long ago was that), but I never really got it up

running. At one of our swap meets (about two years ago), I got an extra PE Box to put it in, and then last year about this time, while looking through the ads for a car, I noticed an advertisement for a GENEVE with a hard drive at a price that I couldn't resist. I have FINALLY gotten this up and running with Ron Markus' help.

The owner of this system was running a version of the original DOS and in fact, was so far back in time, that he had two controller cards installed, one for the floppy drive and the other for the hard drive. When I tried to delete off the old stuff the hard drive went bonkers, and I couldn't access anything. When I tried to reformat it, I would get so far, everything would lock up and I couldn't make any progress. Was about ready to trash the whole system. I asked Ron to give me some help to get the hard drive formatted, and I would be able to go from there. With his schedule and mine, we just got around to working on it this past month. He ran into the same problem that I did. We would get just so far, the system would lock up and no hard drive was formatted. Finally, Ron took out the Geneve, inserted my TI, and we had it formatted in no time. We then removed the TI and reinserted the GENEVE and everything worked fine. I'm not sure we know yet what the real problem was.

I must say that getting a Geneve set up, and on a hard drive is a trial and error situation. For awhile, I would lock up the entire system everytime I tried to change a module, or load a program. Gradually, I am getting the hang of doing things in the right order.

I have finally gotten FUNNELWEB in 8∅ columns. Never thought I would think it made that much difference, but I do like it. The best part is that I can type without letters dropping off on me. The only thing about that is that I will no longer have an excuss for my misspellings which I could always attribute to the dropping off of letters at the end of a line.

I am gradually getting programs installed on the hard drive, and it has really been helpful in getting this newsletter prepared. Harry has a lot of his templates on Page Pro, and it runs so much faster from the GENEVE and the hard drive. I have TI-ARTIST on, and this is another program that is much easier to use in this environment.

I have been doing my graphics and typing on the GENEVE, but use the FINAL COPY portion of FIRST DRAFT to do my printing, and this will not work on the GENEVE. Luckily, all of my computers sit relatively close to each other. I have an AB box which I normally use with my TI and DOS machines. I have simply put both TI's on the box and just have to move the switch to change my printing from one machine to another.

I think that most of us know that Harry Hoffman is a graphic nut. I recently went to an IBM computer show at the Holiday Inn, and purchased a CD ROM of graphics. (No, I don't have a CD ROM, but we have a portable one at work with a SCSI interface that operates off the parallel printer port, and I borrow it from time-to-time). The standard for most DOS graphics is the PCX format. I have a program called ICONVERT which will transfer between most of the major DOS formats. So, I hooked up the CD ROM to my new laptop; had it read in the PCX graphics and automatically convert them to MAC format. As I would get a disk full, I would put it on my desktop DOS machine and transfer the 1.44 MG disks to 36∅K so that they could be read by PC Transfer. Before transferring them, I printed out a graphic catalog with GRAPHCAT which will print 16 files to a page. Then, I would load them up on my little CORCOMP system and transfer them over to the TI. So far, I have given Harry about 7∅ disks and probably have 3∅ more to go. He also likes GIF pictures and I have about 1∅ 1.44 MG diskettes to transfer over for him. I didn't really keep any of these for myself, so if anyone is interested in lots of graphics, contact Harry, not me.

My current inventory of computers is a TI with a Howie keyboard, a 1mg Horizon Ram Disk, and 3 floppy drives (soon to have the extra Myarc disk controller I took out of my GENEVE system); a GENEVE with a 2∅ MG hard drive, and my mini COR COMP system, with two floppies. In the DOS world, I still have my 386SX and recently purchased a 486SX33 notebook with a 2∅∅ mg hard drive.

NORTHCOAST 99ers

EXECUTIVE NOTES - DEANNA SHERIDAN, SECRETARY

The meeting was called to order by Walt Ryder who read the treasurer's report in Frank's absence.

Chuck Poulin asked that the previous month's minutes be corrected to reflect that Jim Harris was the one having printer problems, not he.

Walt stated that he had been trying to check out the compiler program that we had discussed over the past few months and that the copy he had seemed to be missing a file. In checking, we believe that Bruce Rodenkirch got his copy from a difference source and asked that he check to see if that file was on his disk; otherwise post on one of the bulletin boards a request for same.

Bruce also brought copies of several disks for checking out if members desired. He had copies of those which appeared in the last newsletter and which will be in this newsletter.

Marty Smoley demo'd the features of Funnelweb 5.1, using the compiled 4∅ column copy we obtained at the Lima Conference. The main thrust of the demo was on entering the ALL CHARS mode so that one can draw lines and boxes and see them on screen. It was emphasized that for your printer to print correctly, you will need to be in IBM mode. Marty showed how this was done via a dip switch on his Star printer. The question was asked if this could be done by CONTROL U commands or Transliterate codes. While going through some of the DOCS when I was installing the Funnelweb 8∅ on my GENEVE, I did, in fact, find a notation by Charlie Good that he could do this on his GEMINI 1∅X. Believe me, if it can be done on an old 1∅X, it can be done on any of the more modern printers. Just check out your manual.

I'm not sure what next month's demo will be. Putting out the newsletter is so hard, that I am going to need a vacation. Am going back to Idaho/Oregon for the first time in 17 years so will miss the meeting.

Glenn opened the August 20th, 1994 meeting of the TI-Chips Users Group at 10:12 A.M.

Lyn Shaw gave the Treasurers report, saying we were still solvent. Lyn would like to see more members coming to meetings and renewing dues, which is our main source of revenue.

Les Kee gave his Library report. He put copies of the latest catalog sheet from the last newsletter on the back table. He had 7 disks bought for this last month. Glenn said that due to Marty's article in the latest newsletter on FunnelWeb v.5.01, he ordered the disk from the library. He was much impressed with the article. Glenn again asked for volunteers to take a disk out of the library for demo purposes. We are always looking for a new demo!

For the miscellaneous announcements & reports Glenn read a letter from Dinny Stockdale that Virgil Thomason brought up from Wooster. Dinny thanked Chips members for the note of encouragement to his wife Lucille, who is suffering from cancer. She could use more prayers and cards from our members. Dinny's address is:

Dinsmore Stockdale
4400 Melrose Dr., Box 34
Wooster, OH 44691

Harry said that Deanna Sheridan will be doing Septembers Newsletter and anyone with an article should get it to her. Deanna's address is:
Deanna Sheridan
20311 Lake Rd.
Rocky River, OH 44116

Harry did a demo on FunnelWeb editor `Buffer Full, purge or save'. Using v.5.01 SSSD disk, there was a lot of new stuff to show as that version has new features that many do not know much about. Especially interesting was the use of the rolling numbers that show where you are in the file being loaded or viewed. Hopefully, someone did get something out of it! This disk IS in the Library!

Les Kee then did a demo on an XBasic program that prints D/V80 files and adds a margin for those who wish to punch holes for a notebook. It allows you to input a number that is `half' the margin you want and then prints the D/V80 file with the margin you want. This program was originally written by R.W. August & was in the May, 1994 MICROpendium magazine. Les, as usual, added a little trimming to the program. It was a great demo Les!

We then had the 50/50 drawing and Jack Korita won! Congradulations!! Curt Gadd & Les Kee will do the next months demos. We will try to get Deanna & Ken to demo the TI Emulator, PC-Transfer, & using the `Null Modem' to transfer from the IBM to the TI RS232. This will be in October! Curt Gadd announced he is selling a Seikosha printer, CHEAP! Ron Markus gave a little talk about the best clone for the TI... the GENEVE. A great TI Emulator!!! He also spoke about the hold-up of the SCSI card. Hang in there guys & gals! Ron also brought up the fact that if you don't see an item you want at his table... ask him and he will get it for you!

The meeting ended and we all went our separate ways. See every one next meeting.

1. Use the card that comes with the TIi-Writer program or copy one from another member.

2. There are some files on disk that are sequential and you want to put them together. I run into this often while using FREENET.

3. Load FW editor. Use "SD" (Show Directory). DSK?.

4. Pick your first file w/X & E key. Press spacebar to "mark" it for the editor. "Enter" takes you to the editor. "LF" (Load File) & your filename appears. "ENTER" loads the file.

5. Now you can edit out any part of the file that is extra stuff and unwanted! When finished, you can go to "Show Directory", or if you know the filename, just "LF" and type in your filename. Cursor back on the "DSK?.Filename", hold "FCTN.2" to insert and type in the line # you want the file added AFTER, and "SPACE". Looks like: 213 DSK1.FILENAME

6. Your file will "LOAD" after line 0213. Edit and if the "Buffer" has less than 700 lines, you can do it again with the next file. Now, you may get "Buffer Full". Don't worry. You won't lose anything.

7. Press "E" for Edit and your cursor will be where you left off. Edit and end your document where it is convenient. Remember where you left off so you can go back to the last file after saving this one to another disk. If you want to safe this file back to the same disk, you change the "SF" name to some other filename! I first "delete" the first 2 files, but don't recommend this until you are familiar enough with this way of working on files unless you are very confident of what is happening.

8. Now, we got to a point where you will want to "LOAD" the last part of the file you loaded before. You do not need the whole file. Tthat's where "SD" really comes in handy! Do a "SD", DSK? and go to the file in question. Hit "V" for View File and watch the #'s in the lower right hand corner of the screen! Each time you press the "spacebar", the line numbers will be updated (first line shown and last line # shown! When you get to the last line that was on the other file you "SAVED", you can note where to start the "loading". For Demo purposes, we will say it falls somewhere between line #'s 312 and 336. Mark the file, then "ENTER". "LF" and cursor back to the "D", "FCTN2"; type in: 1 312 800 (space), "ENTER". You may have to edit out a line or two, but that is better than deleting all 312 lines! Now we can do it all over again, if you have more files to put together.

9. The "1" Was for "after" Line #1, and the "800 was
   an arbitrary number that we know our file size
   could not be!!

10. When I'm editing FREENET files, there is a LOT of
    garbage stuff (such as menus, lines, telling me
    the percent of the file read, and command lines,
    all of which can and wil be deleted!

11. This gives me a lot of extra space to add a bunch
    of other files to the same FILE. Now is where you
    can get confused, I did on many a trial! Aas long
    as your original files are still intact, you only
    cost yourself a little time in the learning pro-
    cess! I have (being in a hurry) forgotten to put
    the line #'s in front of the filename. Say you
    are down to line 500 and want to cram each line in
    that is possible! Call up the next file, using SD.
    Cursor back to the "D"sk?.xxxxxx, FCTN2, then
    type: 500 1 200 "space". The partial file from
    line 0001 to 0200 will load AFTER line #500.
    Edit out the "JUNK" and you may be to line# 595!
    Well, you still have rom for at least 105 lines.
    Go back to the command line (FCTN9) and "LF".
    Type: 595 200 300 DSK?.Filename

    The 595 is the last line in your "BUFFER"; the
    is the last line loaded from the new file; the 300
    is the last line to be loaded. This should NOT
    give you "BUFFER FULL"!, as I've had more than
    700 lines in several files. Tthe WRITER EDITOR
    is friendlier when you don't push it too fast!!!

12. As before, "SF"... Differenct filename, or delete
    the files already in your buffer, making sure you
    DO NOT delete your file that is not completely
    done yet! AGAIN, I recomend that you copy to a new
    disk, so you do not have any "FRACTURED" files.
    You will see an indication of fracturing in the
    form of an * (Asterisk) between the file size and
    the file type in the listing. Too many factured
    files can cause a big problem in file searching.

    That's enough for now! There is much to learn
about TI-Writer/Ffunnelwriter, and I haven't learned
a lot!!!

    I hope this has helped somebody!

HARRY

FLEXI LABEL
A TIny Gram
By Ed Machonis

They say the only way to finish a program is to shoot the programmer. I guess the same could be said for the steady stream of label printing programs which seem to come out of this TI-99. I thought I had written all the label printing programs I would ever need, but I seem to keep discovering new needs.

In the past, most of my video tape labeling has consisted of pencil entries on the slip case. A recent visit by my grandchildren resulted in a stack of unmarked video cassettes piled alongside a stack of empty slip cases. They seem to have devised a new game called video roulette.

The only way to restore any semblance of order was to skim through each tape to identify the contents and match it with its slip case. Determined not to repeat this chore after subsequent visits, I decided to do what should have been done in the first place. Label the cassette as well as the case. 20/20 Hindsight!

Mailing labels are an exact fit on the side of the video cassette. Often 6 lines of text are needed for a 6 hour tape with six different programs. Rather than use an existing program, such as Disk Label, I decided to write a more flexible program which could handle Video Cassette labels as well as other types of labels.

Instead of one new program, I wound up with two, each a TIny Gram. FLEXI- LABEL's distinguishing feature is providing the user with the option to print up to 10 lines of text per label. Great for those video cassettes chock full of programs.

When first booted, you are asked to input the number of lines of text to be printed on the label. The font used is expanded compressed which enables an easily readable 28 character line. For labels with more than 7 lines, the font automatically changes to superscript. You are prompted to input the text for each line.

At any time during text entry you can change the number of label lines by entering FUNCTION C (Accent Grave); think FUNCTION C(hange). It can be entered anywhere in a line of text or by itself. The lines you have entered will not be lost, they always default to the next label. FUNCTION 3 can be used to erase unwanted lines. All editing keys are functional. If you want to redo a label, just enter zero for the quantity to be printed.

Text entry is automatically limited to 28 characters. Text can be carried over from label to label without re-entry, handy for those labels requiring only minor changes. Any line can be indented by entering spaces at the beginning of the line. I think you'll find the program as user friendly as they get.

This TIny Gram should answer most of your labeling requirements, whether they be video cassettes, return address, meeting notices publicizing your User Group, "Property Of" labels, or simple mailing labels. Its small size makes it a candidate for your Funnelweb utility disk.

Due to sales of public domain software by certain distributers, a copyright notice has been placed on this program. It may be freely distributed provided no fee of any kind is charged. This article and/or the program listing may be published in newsletters of non profit User Groups.

```
1 ! ***** FLEXI LABEL ******
* A TIny Gram *
* Copyright 1988 *
* By Ed Machonis *
**QB-99ers, Bayside NY**

2 OPEN #1:"PIO.LF"

3 DISPLAY AT(8,1)ERASE ALL:"
LINES OF TEXT/LABEL?(MAX 10)
" :: ACCEPT AT(9,26)VALIDATE
(DIGIT):S :: IF S>10 THEN 3

4 E$=CHR$(27):: PRINT #1:E$&
"@"&E$&"G"&E$&"W1"&CHR$(15)&
E$&"C"&CHR$(0)&CHR$(1)&E$&"3
"&CHR$(216/(S+1)):: IF S>7 T
HEN PRINT #1:E$&"S0"

5 DISPLAY AT(1,1)ERASE ALL:"
ENTER "*'*" TO CHANGE #/LINE
S" :: FOR J=1 TO S :: DISPLA
Y AT(J*2,3):"ENTER LINE";J:6
$(J):: ACCEPT AT(J*2+1,1)SIZ
E(-28):L$(J):: IF POS(L$(J),
"'",1)THEN 3

6 NEXT J :: DISPLAY AT(23,1)
:"HOW MANY LABELS?" :: ACCEP
T AT(23,18):Q :: FOR K=1 TO
Q :: FOR L=1 TO S :: PRINT #
1:" ";L$(L);CHR$(10):: NEXT
L :: PRINT #1:CHR$(12):: NEX
T K :: GOTO 5
```

Coded for Epson RX-80

LIBRARY UPDATE – August 1994

By Bruce Rodenkirch

Harry Hoffman has delivered a bunch of programs he copied at Lima and I should be able to come up with a ▟▀ from Genie and other sources to keep us going for awhile. For example, 94026-94029, is an entire book, Internet for Dummies, from Genie. Charlie Goode has a large library of books available for the asking which includes the Bible, the works of Conan Doyle on Sherlock Holmes and many others. I hope to have those in the future.

The library procedures have been changed to allow members attending the meeting to borrow library disks. I will only have one copy available at each meeting and hope that the borrower brings it back the following month so someone else can have it. There will be no deposit or fee and this new system will depend on the honesty of the club members. We will still keep a master copy so a disk can be replaced in the event one is lost or ruined. I will probably have fewer than the last fifty or so library disks at the meeting so you will have to see Marty if you want an older one. Copying the disks at the meeting is allowed if time allows.

The new library disks are:

DISK 94021:
Genie 5468 is the MDOS-C-ARK file in 9640 News Volume 3 #5 that was corrupted on some of the distribution disks. This collection of files and the 'c' source code includes utilities for USPS bar coding, screen savers, several C games. All of these files are by Jeffery Kunlman. The bar code program will work with the TI and prints a bar code for a zip code of your choice. This can be printed under the address on the envelope.
Genie 5487 is the source code for GPL V 2.0 for you programmers. Genie 5497 is CRACKIT2.ARK by Tim Tesch which corrects a subtle, yet very troublesome, bug. Different CRC values were possible in the old version due to a memory problem which is explained in the docs. Genie 5484 is IBMGRAPHIC for MDOS by Tim Tesch defines characters 128-255 for the MDOS environment. Since the TYPE command has been modified to view DV80 and DF128 files without stripping the high bit, the IBM extended character set may now be used.

DISK 94022:
This is a collection of text files from various sources including the 9T9 User Group in Ottawa. If you want to learn more about your computer you will find a number of interesting articles here. There is a review of the 1993 Chicago Show which is quite informative. A letter from Tony Mcgovern, dated Sep 93, tells of life in Australia and is a frank discussion of Gary Bowser and the TIM/SOB boards. Gary has contributed a lot to the TI community but has been a very unreliable supplier. There are seven or eight other dissertation on the TI which makes this a very interesting disk.

DISK 94023:
AFW is an XB game about the War of 1812. I had little luck with making this one work. The AFW game seems to work but I don't know the rules.

The AFWOUT file is corrupted I think but I hate to junk it. Perhaps one of you can figure out how to make it work because it looks like a well thought out game.

DISK 94024:
An animated boxing match in Extended Basic between two boxers named Firpo and Johnson (in the one I tried). You can select the weight class, the number of rounds and the boxing styles. Interesting animation but slow moving.

DISK 94025:
Two XB games. The first is called BRUKINGOLF and is a golf game for up to four players. The graphics are nice and is well documented. The second game is called WIDGET and is a business strategy game. You are running a company that makes widgets and you must make business decisions that are better than those made by your competitors. This can be played with others.

DISK 94026:
A collection of programs, most of which were written by Jim Peterson. There is a nice program to format your DV/80 files in ways that the FunnelWeb Editor and Formatter can't do. There is a routine that will format your text in up to five columns. There is a group of screen dump routines, several labeler programs, a bargraph program and others.

DISKS 94027, 94028, 94029:
This is a book called Internet for Dummies I downloaded from Genie. It is on three SSSD disks, the first two of which are archived and is probably over 150 pages long. It is a very clear explanation of Internet, how to use it and what is available. Most of you have not tried Internet yet and when you do you will find that it is quite difficult, mostly because it is based on the Unix commands. It is not user friendly. This book is one of the best ones to read to learn the commands to be used.

DISK 94030:
32KPROJECT is a DV80 file describing Mike Ballmann's 32K -- 16 Bit Bus Project. It is a step-by-step description of how to add 64K of RAM memory on the 16 bit bus. The present modification uses only 32K. This corresponds to the memory space of the 32K Memory Expansion. The modification yields a speed increase of about 50%.
32KSWITCH by John Guion of the Dallas Users Group wrote this modification to above project. It tells how to bypass the wait-state defeat of the 16 bit memory bus modification to allow memory to be used at normal speed. This is desirable since some programs (particularly games) have compatibility problems due to the increased memory speed).
FILERECOVR is a discussion of the techniques used in the File Recover routine.
There are also four DV80 files written by TI describing the computer specifications for the disk system peripheral and the GPL. I should be quite interesting for those of you who understand such stuff.

⑦

FunnelWeb 5.01 help sheet. August 1994

General Key Functions

```
<Fctn-0> = Line numbers on/off.
<Ctrl-3> = Screen Color.
<Fctn-9>,<Ctrl-C> = Command ESCape.
```
Note: While on the Command Line, the text page may be scrolled up or down with <Fctn-E>,<Fctn-X>

Cursor Movement

```
<Fctn-S>,<Ctrl-S> = Move left.
<Fctn-D>,<Ctrl-D> = Move right.
<Fctn-E>,<Ctrl-E> = Move up.
<Fctn-X>,<Ctrl-X> = Move down.
<Fctn-6>,<Ctrl-Q> = Page up.
<Fctn-4>,<Ctrl-A> = Page down.
<Fctn-5> = Screen window right.
<Ctrl-4> = Move to start of last paragraph.
<Ctrl-6> = Move to start of next paragraph.
<Ctrl-H> = Goto first page of document.
<Ctrl-J> = Goto last page of document.
<Ctrl-L> = Home (Upper left corner).
<Ctrl-V> = Move to beginning of line.
<Ctrl-Z> = Move right to end of line.
<Ctrl-Y> = Release right or left margin.
```

Edit Key Combinations

```
<Fctn-1> = Delete character.
<Fctn-2>,<Ctrl-G>,<Ctrl-B> = Insert.
<Ctrl-M>,<Ctrl-8> = New paragraph.
<Fctn-3> = Delete line.
<Fctn-8> = Insert line.
<Ctrl-1> = Oops.
<Ctrl-2> = Reformat.
<Ctrl-R> = Reformat + Right justify.
<Ctrl-K> = Clear to End Of Line.
<Ctrl-Y> = Release right or left margin.
<Ctrl-F> = Freeze screen below cursor.
```
Note: <Ctrl-F> draws a temporary line across the screen just below the cursor. The upper part of the screen may be scrolled while the lower part remains in place. Pressing <Ctrl-F> again removes the line.

```
<Ctrl-U>+<Ctrl-,> = IBM Chars. 128-159
<Ctrl-,> = IBM Chars. 160-255
```

Tab Key Functions

```
<Fctn-7>,<Ctrl-I> = Tab.

<Ctrl-7>,<Ctrl-W> = Word Tab.

<Ctrl-T> = Back Tab.
```
Note: To set Tabs press <Fctn-9>, then <T>, and then select 1,2 or 3. Complicated tab settings may be made in each of these numbers, which may then be selected from the command line. It is an easy way to reset the right margin. When finished press Enter.

Print File functions

First <Fctn-9> Command ESCape.

PF   Print File to PIO, RS232.BA=4800 etc.

PIO Print complete file to PIO.

Variations of PF

```
m n PIO Print lines "m" through "n".
```
Note: "83 87 PIO" prints lines 83 through 87.

```
C PIO Strip hi bits + Ctrl Chars.
L PIO Print file with line numbers.
P PIO Send printer start codes.
Q PIO Send printer stop codes.
P Q PIO Send start and stop codes.
```

Print File to disk functions

First <Fctn-9> Command ESCape.

PF   Print File.

DSKn.filename   Print complete file to Disk.
Note: "n" is the disk number and filename is the name of file to be created on disk. Example: DSK2.TEXTONE

Variations of PF to disk

```
F DSKn.filename  Print to disk as DisFix/80.
A DSKn.filename  Append to existing file.
M DSKn.filename  Create File as MS-Doss DF/128.
U DSKn.filename  Create File as UNIX DF/128.
```

I typed this up for my own benefit, because I don't like switching to the help screens. I asked Harry to put it in the NorthCoast Newsletter in case some of you prefer a help printout to the FunnelWeb screens, as I do. This sheet is not complete and I may have made some mistakes, but it helps me as a quick reference for keystrokes like <Ctrl-V> and <Ctrl-R>, which are among the new keystrokes in FunnelWeb 5.01. If it helps anyone, it was worth the effort. Good luck. Marty.
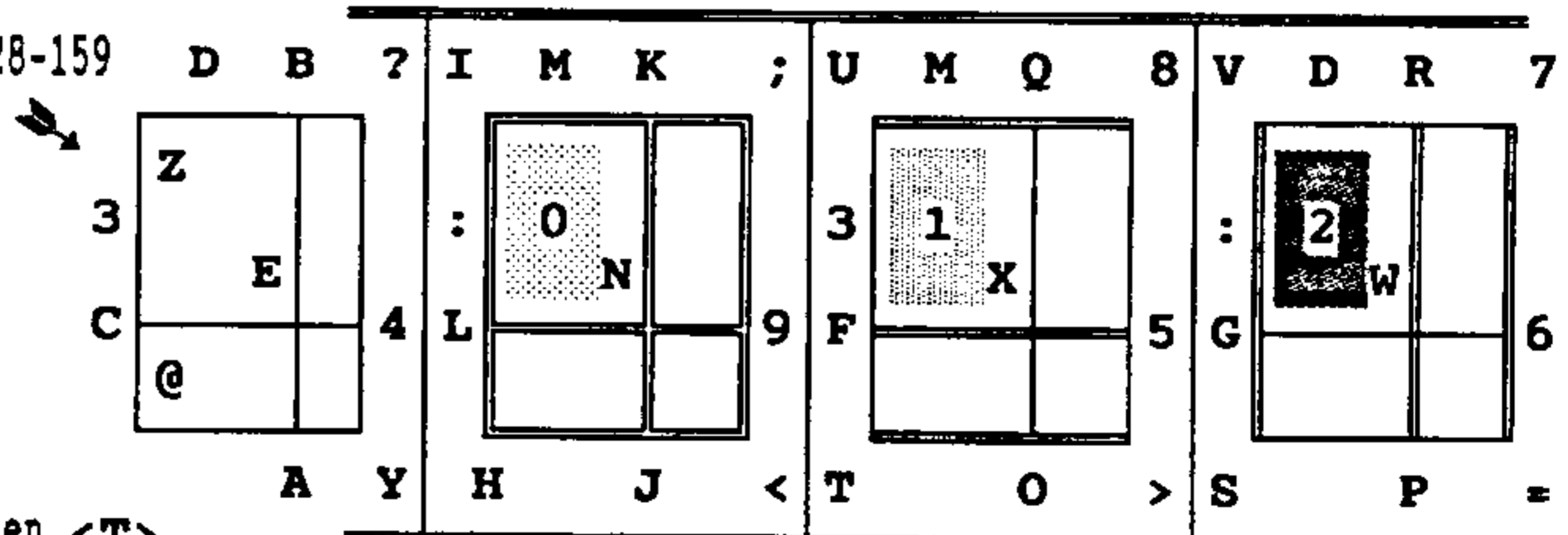
NorthCoast 99'ers
Cleveland, Ohio

WHATEVER HAPPENED TO THE FUN OF IT?
by Jim Peterson

Yes, whatever happened? Were you with us back in the early days, way back back in 1983? Do you remember the days before the BBS's and user group libraries could supply you with programs by the hundreds, when every program you could acquire was a prized possession to be run and used and marveled at, to be shared with your friends, (even though it might have a copyright notice on it!), when people actually keyed in programs from listings and brought them to meetings to get help in debugging?

Do you remember when almost everyone was trying to learn to program, and helping each other? The late Earl Dodd was writing music programs, in his unique barbershop quartet style, and bringing them to me to add graphics. Paul Powers, once our user group president, liked to program advanced math theorems and to reprogram more efficiently the programs written by others - it was he who suggested to me the use of mergeable subprograms, which led to the Nuts & Bolts series, the only profitable thing I have ever done. It was teenage Brian Beery who pointed out a ridiculous error that was driving me bonkers - Brian might have become another J. Peter Hoddie if he hadn't taken up the guitar.

Do you remember when the IUG was the only source of public domain programs? I was fascinated by the program descriptions in the IUG catalog. I wanted to see every program, to see what some other programmer had been able to do. I swapped the IUG for every program I could, and bought as many more as I could afford. Often I was disappointed, but I never got over that curiosity. I still have it - I read the descriptions of new library acquisitions in user group newsletters, and I get the itch to see the program. Often I write and ask for it.

But, am I the only one left who has that curiosity? I spent hundreds of hours gleaning out the best from my library of several thousand PD programs, arranging them by category, improving them, filled nearly 300 disks (now 400), published a 13-page catalog listing them all, offered them for a copying fee less than most user groups charge their own members, cheaper than downloading them from GENIE - and in 1989, only 175 people in all the TI world were curious enough to send me an order!

Of course, many users have large libraries of programs that they never get around to even looking at. And, the potential uses of the computer have become so varied that many users have specialized in one field and have little interest in anything else. Some are mainly interested in increasing the speed and memory capacity of their machine, and have little time to make use of that speed and memory by actually running programs. Many others nowadays are hooked on graphics. To each his own. Personally, if I want to decorate my walls with pictures of nudes, I will buy a Playboy magazine and rip out pictures far better than any monitor screen will ever show or any dot matrix printer will ever produce!

Of course, even in the early days all was not sweetness and light. It seemed that everyone was out to make a buck, and those who made the buck were mostly those with questionable business ethics. When I first made contact with the rest of the TI world, I had already written about 90 programs, and I soon met people who wanted to form a business partnership with their one or two programs and my ninety. It was mainly to get them off my back that I decided to go into business for myself - a decision that I have regretted a thousand times.

Charlie LaFara started the International User Group as a nonprofit exchange of public domain software, and converted it into a business for his own profit. An entrepreneur in California acquired his programs and copied his catalog, leading to a lawsuit. Later on, a TI business in Florida called itself a "group" and sold my public domain programs, which led me to announce that "Tigercub Software is a one-man user group pretending to be a business, not a business pretending to be a user group!"

Of course, not everyone was a crook - most simply started out with unrealistic expectations, got in over their heads and faded away, leaving their creditors holding the bag. Emerald Publishing Co. extended credit to too many software advertisers who never paid up; then they got ridiculous and tried to publish a magazine with no advertising! Finally, they ripped off all their remaining subscribers, as did more than one other TI publication which never delivered or refunded subscriptions. There were exceptions, honest companies such as Random Access and another one-man operation in Texas whose name I wish I could remember.

I learned very early not to extend credit to anyone who decided to start up a software business. And I learned not to send an order to anyone for anything until I knew that someone else had actually received their order. There are not many TI old-timers who have not been ripped off at least once!

But, whatever happened to the fun of it? I remember demonstrating my programs at a local school, at a library, at computer fairs - the kids were fascinated! If only the Apple peddlers had not succeeded in brainwashing the educational system! Are Jack Sughrue and Eunice Spooner the only educators still using the TI in the classroom? In the days when I was exchanging my Tips From The Tigercub newsletter with nearly 200 user groups, I twice asked them to let me know of any schools in their area where the TI computer was being used - only two ever responded! If we had harnessed all that youthful energy and enthusiasm, our user groups might now have replacements for all those who are abandoning us for Big Blue.

Whatever happened to the fun of it? Whatever happened to the HOME computer? (remember, that was what the TI-99/4A was called!). They tell me that the COCO is the only home computer left, because there is no way to make it anything more than that. I may just take a look at it - maybe that's where I'll find the fun that I'm missing!

Cleveland Area User Groups
 % Harry Hoffman
3925 Trowbridge Ave.
Cleveland, OH 44109-1349
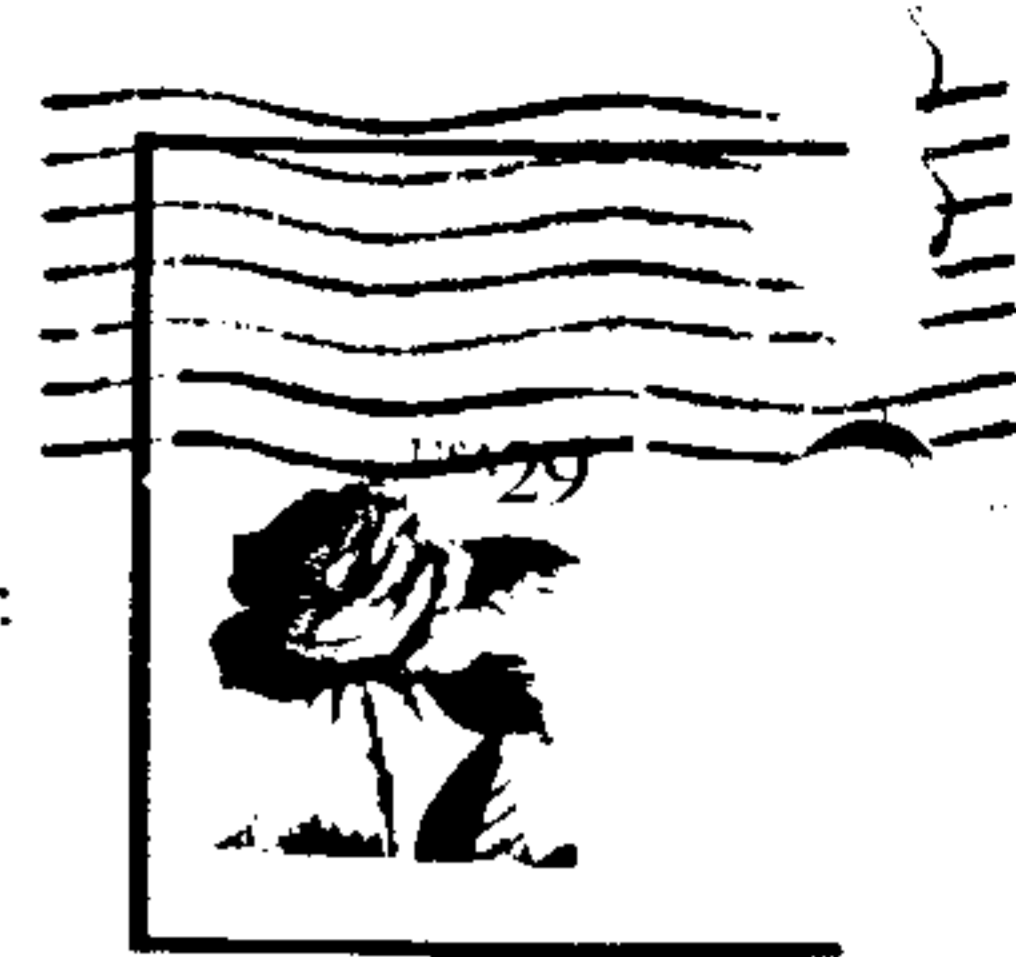
Check your Expiration Date
This may be your LAST issue!

FIRST CLASS   FIRST CLASS

FIRST CLASS   FIRST CLASS

Due to the rising cost of the Newsletter:
    Newsletter only cost is $12.00
    Full membership price - $15.00 w/library priveleges.
Join either club. See front cover for membership chairs.