



# WEST PENN NEWS

VOLUME 2 NUMBER 15 FEBRUARY 1998

## SOFT TALK

by PAUL A. BROCK  
WEST PENN 99'ers  
USERS GROUP



We unleashed the worlds most powerful computer and its technology to the TI community. A technology so powerful, that the TI community won't give it up.

### CAN YOU MEET THE CHALLENGE?

No other home computer in this price range gives you more features, more ability to expand, or more fun.

Instantly useful. A true family computer. Only TI gives you a choice of more Solid State Software, cartridges. Programs for education. Information management. Entertain. Computer programming. Finance. word processing and more. Just plug them into your TI-99/4A home computer and your ready to go.

Grows with you. Then when your ready to do more, you'll discover how easily your TI-99-4A Home Computer can expand with peripherals. Plug in more

memory. Add disk drives cassette and Ram disks for storage, telecommunication, a speech synthesizer, and printer. Its the kind of flexibility you only expect in computers costing much much more.



Do you need an Editor Assembler module? Probably not. If you do I have some extra.

I have collected quite a few. If you need some modules and I have an extra just drop me a line and I'll see if I have it. I have a lot of doubles. My address is on the newsletter. If you need an extra part for your TI, I probably have it!

## WANT TO GET PUBLISHED?

The West Penn 99'ers newsletter is looking for articles in all areas of interest that



DUE TO CERTAIN CIRCUMSTANCE, WE HAVE TO LIMIT OUR NEWSLETTER!!

concerns Texas Instruments personal computers. Here are the kinds of articles that we want you to write for us:

@ Are you a businessman, professional, hobbyist, scientist, or engineer with an interest in micro computers application? Tell us how it works, what problems you've had to overcome, and what recommendations you have for others. We're especially interested in sharing user-written software with our readers.

@ Have you recently purchased a piece of hardware or software that hasn't quite come up to your expectations, or has, on the other hand, impressed you with its performance? We are looking for comprehensive product and book reviews from different perspectives.

@ Perhaps you've modified your microcomputer or have interfaced with some unique or useful hardware. Send us your HOW-TO-DO-IT story.

I received a letter from Lew King from Industry Pa

he sends me some articles that I welcome very much. Lew tells me that he has internet access. He is working on a web page. He wants to put an advertisement for the West Penn 99ers. I think that is that is just great. If Lew can get some time off, he plans to have a small demo. It is something that you don't want to miss. Lew enclosed a page with two e-mail letters from the TI99 list server.

Nothing has changed from the high scores. Members that no longer belong may not have their scores listed in the newsletter. So it may be a short list.

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### INSIDE INFO

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# WEST PENN 99'ERS CLUB INFO

Next Meeting Date: February 17, 1998  
 Meeting Location: Penns Woods  
 Civic Association  
 Just off Route 30  
 N. Huntingdon, Pa  
 Time of Meeting: 7: P.M.

## GENERAL ITINERARY OF OUR CLUB'S MEETING

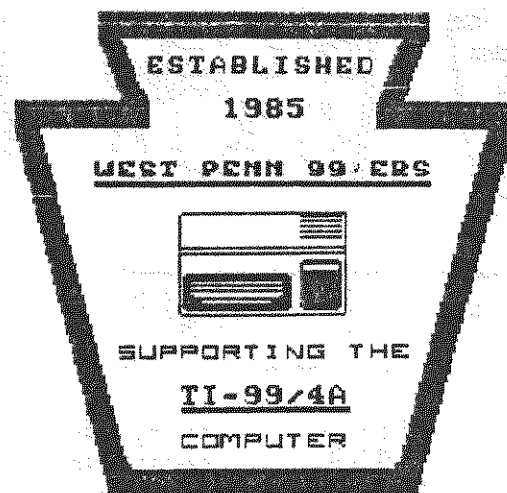
6:45 P.M.	Doors Open
7:00 P.M.	General Meeting
7:45 P.M.	Demos and New Info
8:45 P.M.	Questions and Answers
9:30 P.M.	One on One Help
10:00 P.M.	Socializing
10:30 P.M.	Doors Close

## MEETING HIGHLIGHTS FOR THIS MONTH

CARTRIDGE DEMO'S.....Demo by Paul Brock  
 Latest Library Demo .....Demo by M.Cendroski  
 Latest in hardware.....Demo by Jim Wiegand  
 Help with C 99.....Demo Norm Rokke  
 Open Interest.....Open to all

## LIST OF WEST PENN OFFICERS FOR 1998

President:	Paul Brock	412-478-2754
Vice-President:	Norm Rokke	614-264-6442
Treasurer:	Ed Mandich	412-824-5566
Recording Secretary:	Paul Brock	412-478-2754
Corresponding Secretary:	Jim Wiegand	304-738-2110
Librarian:	Mickey Cendroski	412-265-5201
Newsletter Editor:	Paul Brock	412-478-2754
Assistant Editor:	Paul Brock	412-478-2754



The West Penn 99'ers Users Group is a Non-Profit organization, dedicated to encouraging the continued use of the TI-99/4A home computer.

Our Membership Fee is:

- \* \$15.00 per year for an INDIVIDUAL / FAMILY membership.
- \* \$10.00 per year for a NEWSLETTER ONLY membership

Those having Full memberships are entitled to the many extra benefits our club has to offer.

Some of those benefits are:

- \* Getting to meet some of the nicest people.
- \* Demos of the latest TI-99/4A software.
- \* Free copying of our West Penn 99'ers Disk Library.
- \* Up date of T.I. news, Local, National, International.
- \* One on one help / Problem solving.
- \* Participation in our Module Lending Library.
- \* Participation in our Video Lending Library.
- \* Ribbon re-inking- for just \$1.00 per ribbon.
- \* Various Computer supplies - at a substantial savings.
- \* Ability to trade or sell computer equipment, or electronics.
- \* Help on getting equipment fixed.

We meet the third Tuesday of each month at the PENNS WOODS CIVIC ASSOCIATION in North Huntingdon, PA. at 7:00 P.M.

If you can't make it to our meetings...at least become a Newsletter member - and enjoy our NEWSLETTER FORMAT- done entirely on a TI-99/4A computer.

SEE PAGE 10 FOR OUR WEST PENN MEMBERSHIP APPLICATION.

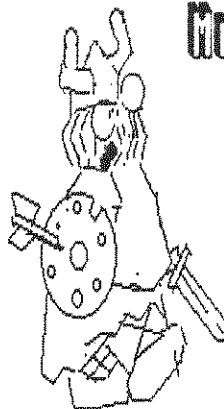


# FOR THE RECORD BY PAUL BROCK

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## JANUARY MINUTES

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# MESSAGE FROM THE PRESIDENT

## EDITOR



The meeting started approximately at 7:30. Boy drumming up members to come out on a snowy night is getting pretty hard. We had six present. Roll call was not necessary. We continued with reports. The December minutes will stand as read.

Report from the Treasurer is not looking to well. With the decline of membership and the increase of the newsletter and postage, the funds are slowly depleting. A drastic change has to take place. The members present has decided to only publish the newsletter every other month. This will be a way to save our funds. If anyone has a better solution let us know.

Mickey reported that she has 589 disks cataloged in the West Penn disk library. She is hoping to have more by next meeting. Mickey reported that the declining of TI interest there isn't much going on with her software.

Jim Wiegand's hardware demo was on display. He let us see how he mounted a 3 1/2 in. drive. This means that he will be compressing his large files. Norm had wrote a special program on calc. a date for the genealogy program that Mickey wrote. Norm demo the program. Along with the demo, Norm mentioned that he would be representing West Penn at the Fest West. I think that Jim said that he may go also. Don't quote me. We should have a report next meeting.

Along with the raffle, we had hoggies and pop, and coffee. Mickey cut the hogie while I proceeded with the meeting. Mickey stated that she would not cook! The meeting came to a close about 9:30. I was told to repeat the Slogan.

Slogan: THE BEST THING TO APPRECIATE  
IS YOUR TI IN 98.

See you on the 17th of FEB.



Until then my  
QUILL has run  
out of ink!

I am sadden to say that I will be sending out only 6 issues instead of 12. I enjoy my TI and putting out the newsletter. As editor and president, I can see no other alternative. When I first started, I always looked forward to get a newsletter. I was hungry for information. Now I have almost all the software there is and the information is starting to dry up, and members dropping out along with the increase of cost. I will continue to do my best to keep our newsletter informative and interesting.

Special thanks goes out to Mickey for her effort towards the disk library. This was one humongous job that requires a lot of time. I believe that she is using her LoadMaster V2.2 to help her with the cataloging of the disks.

It seems that every time I go to do something on my TI, something breaks. I have a Rave keyboard and it just quit working all at once. I just got out another keyboard and went back to work. I bet you couldn't do that with an IBM!!



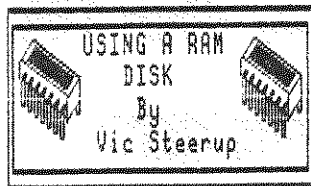
If I can get this newsletter out in time, then this will be my Valentine to All. If not then have a nice president day.

Last month I noticed that this article was really a mess. I was in a hurry and in using Page Pro the screens move faster than my typing. I also found some of the keys were skipping. I'll try better this time!

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# HAPPY BIRTHDAY!

TI'er where ever you  
are!



Frist of all what is a Ramdisk? It is a circuit board that fits into the Expansion box. On it are memory chips and an operating system for it so that the computer, and the disk manger will see it as a disk drive.

The advantage of a Ram disk is faster storage and retrieval times for programs or files. If you have ever sat around for modular program like TI-Artist to load (it's too big to fit into 32K memory expansion, so only the individual section you need is loaded) You really appreciate the speed of the ramdisk.

The ramdisk operating system, or ROS, is loaded into the Ramdisk from a floppy disk using a disk manager. Once it is loaded, the Ramdisk can be divided into two or more logical drivers, depending on the size Ramdisk you have. Ramdisks can range from 128K to 1 meg, so the number of drives depends on what size you want it to be. For example SSSD drive would need 90K of memory, DSSD=180K, and a DSDD=720K.

Most people set up the size of the Ramdisk drives the same as floppy drives that they are us-

ing, as you can use a "disk copy" program with no "copy disk not big enough" errors no matter which way you go. However, if you only have one SSSD drive, you can make the Ramdisk DSSD, and put both the "program" and "data" disk files on it. Using CONFIGURE, the Ramdisk disk drive numbers assigned, & also the Ramdisk drive NAMES. Some programs like MULTIPLANE, or MIDI-MASTER99 look for a disk named TIMP or MIDI, and will search through your drive(s) until they find one, starting with the Ramdisk first.

The best feature for the TI is that both the Chicago and Horizon Ramdisk's come with an excellent new program on disk with them. Originally written to run off of a floppy, the menu has been modified to take advantage of the Ramdisk size and speed. What the MENU does is when loaded takes over the TI operating system.

When turning on the computer, you would no longer see the familar color bar screen, but a blue screen with a column of numbers from 1 - to 9 in white. To the right of each number is the option you would select. The first three options eliminate about half the need of a disk manager.

Option one will catalog a disk from any drive. The catalog will fill the screen. you then move a highlighted bar down to the program or file that you want. Pressing ENTER returns to the MENU screen.

Option 2 will read a file in DV-80 format. Option 3 will run a program, if that is what you have selected. You no longer have to memorize a lengthy disk catalog, or write down the name of every file! It makes going through a stack of floppies, searching for that particular program, a quick and easy thing to do.

If EX-Basic is in the cartridge slot, the bottom of the MENU will show "C-EXTENDED BASIC". Pressing the letter C will give you the normal EX-BASIC startup, while pressing the letter "G" will toggle MENU from EX-Basic to TI-Basic for option C. The other six options on the MENU (4-9) are user defined.

That means that you tell the MENU what programs you want to run from a single key press. Since the Ramdisk has a built in E/A-3 loader, you don't need that cartridge in the slot.

You can leave XBasic there, and can quickly jump from E/A to XBasic without any shuffling around. For example, you

could have DM-1000 or DSKU as an option, catalog and copy a program, and run it in XBasic without changing a cartridge.

There are more than 6 users defined options in the MENU. Pressing the space bar once brings up screen two, and again press the S/Bar brings up screen three, which are the same as screen one (1-9) but don't have 1, 2, and 3 predefined, so you have a total of 24 programs you could have on your Ramdisk, all accessible by a few key presses. If your Ramdisk is not large enough to store all of your favorite programs on it, you can at least put your favorite Disk Manager on it and the LOADERS on the Ramdisk, eliminating the "OLD DSKX.PROGRAM", ENTER, "RUN" routine.

\*\*\*Editor's Note\*\*\*

I recived my 128 card from a former member of West Penn U.G.. I have been using it with Page Pro 99 for my desk top publishing. It has cut my time about 1/3. The printer takes most of my time.

For more information. You can contact Bud at the following:

Bud Mills Services  
166 Dartmouth Drive  
Toledo, Ohio 43614-2911  
Call-(419)-385-5946(6pm-8pm EST)

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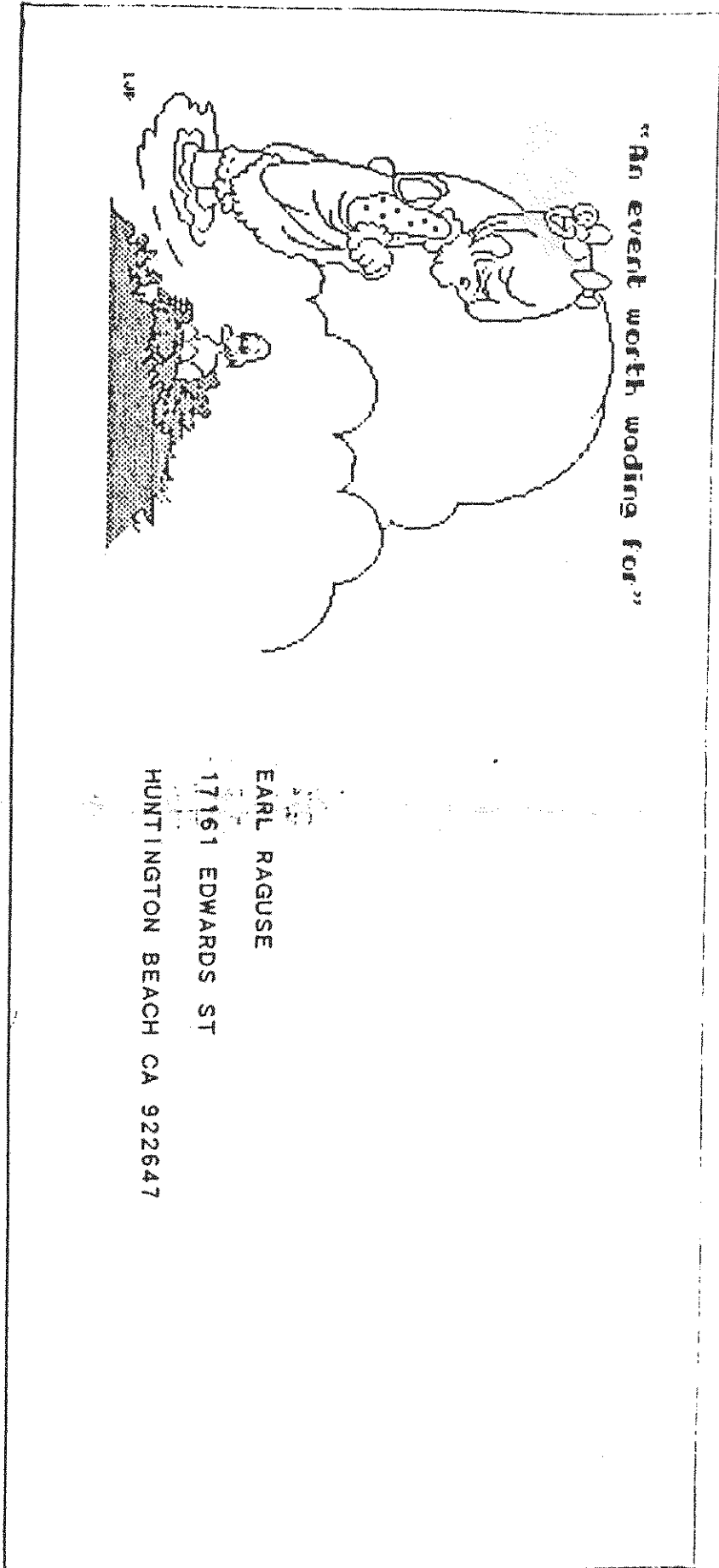
\*\*\*\*\*  
 \*\* IS THE INSIDE AS INTERESTING \*\*  
 \*\* AS THE OUTSIDE? or DECORATIVE, \*\*  
 \*\* FANCY ENVELOPES THE EASY WAY \*\*  
 \*\* by Mary Phillips, Ozark 99ers \*\*  
 \*\*\*\*\*

Our Panasonic KXP1124 printer has a feature I like very much. There is an opening for loading envelopes, post cards, etc. from the lower front side. Loaded from this location, they don't have to roll around a platten; in fact, the KXP1124 doesn't have a platten, it was a rubber strip against which the pins in the printhead strike. However, the same procedure can be performed with envelopes which have tractor-feed tapes on the ends. These are available in office supply stores or mail order.

1. Position the envelope so it is about 1/4 inch above the printhead.
2. Run the MAXRLE program which loads pictures in any of four formats: DF 128 Rle, DV 80 Rle, Graphix, and TI Artist\_P format.
3. Load the picture you like, press (P)rint, the printer address appears in the lower left-hand corner of the screen.
4. Press <enter> and the picture is printed, just like that!
5. Load TI Writer, FUNLWEB, or whatever you use for word processing, and set the (L)eft margin at 45.
6. Type the name and address either single- or double-spaced as you prefer, and press Fctn 9 for the command line.
7. Reposition the envelope so the printhead is on the line where you want the name printed, press PF (Print File) and <enter>.

It's done unless you want to get really fancy and color the picture. My favorite pictures for decorating envelopes are Leland Piper's TI Artist pictures and Sister Pat Taylor's collages. Of course, I like to use a graphic return label on the back flap.

EXAMPLE: This is one I mailed today ->  
 (WADING\_P is from Leland's Disk #17.)





## ARCHIVING A HEADACHE?

By  
ANDY FRAUEH  
OF  
Lima U.G.

A lot of people are puzzled by archiving and how to use Barry Boone's Archiver. What follows is both a reference guided & explanation of archiver - III. It is not to totally replace the documentation for this program. Actually I haven't seen the distribution copy that comes with a set of instructions. There may be hidden features of Arc III that aren't obvious to me (for example, Disk Utilities by John Birdwell has a feature to figure decimal-to-hex conversions).

What exactly is archiving? Putting it simply, when you archive you take a file or a set of files, and group them as one file then compress them so that they take up less disk space. Some software comes archived. These almost always include the archiving program. Examples are Jack Sugrue's PLUS! & the complete ADVENTURE disk set.

What is the purpose of archiving? Well, it started out as a money saver for MODUM users. It is faster and thus cheaper to send 90 archived sectors as one file rather than 120 sectors for three prog-

rams. Now it is also a means of backing up disks. You can save each of your disks as one file, squashed archive. You can specify whether you want compressed or not. The reason that you have a choice is that some unusual files actually take more space when they are compressed. another useful application of archiving is when you have programs you want to keep but do not need ready to use. You can keep archives of these files instead of taking up disk space.

OK, now that you have "what" and here's the "how". As far as I know, the only archiver is Barry Boone's program. Archiver III's operation is completely different from archiver II. Rather than to add new features to pass versions, Archiver III was completely rewritten. It usually contains an EXBasic load program, but may be loaded from E/A. The program's file name is usually ARCI. It can be found on almost Bulletin Boards, as a commercial version with Geneve utilities, in User Group libraries, with other fairware programs, or from the Author. Chances are you can easily get a copy.

First things first, so get the program loaded. After that you should see a fairware notice. Press any key to

pass this, you then see a Menu. Each menu option is described in detail below.

1) Archive Files - these options are largely self-explanatory. As you have guessed, this option archives files. Pressing 1 will deliver a set of prompts. These are "Source Drive (1-Z)". Yes you can have drives numbered from 1-9 and A-Z. Then comes "Output Drive(1-Z)". you may use one drive. Archiver prompt you to change drive when needed. It is highly recommended that you use a blank output disk, since archives may fill or almost fill a disk. Next comes "Output Filenames". This is usually the name of the disk you are archiving or some related heading. For example, a set of DV/80 articles may be named "ARTICALS". The following prompt is "Pack All Files? (Y/N)". If you answer "Y", then all the files on the source disk are archived. If you answer "N", then when Archiver is working, you are asked, "Include Filename? (Y/N)". If you answer "Y", then the file is archived, otherwise it is ignored. This is a handy feature if you have programs and files on a disk and need them separated. This process repeats for each of the files on the source disk. The final prompt is "Compress? (Y/N)". Answer "Y" and attempts to squash each file so that it takes less space. Remember that some

UNUSUAL files types will actually get LARGER if compression is attempted. When all the prompts are answered, press REDO to correct an error in your answers, BACK to return to the menu, or any other key to continue. When Archiver is finished performing any operation, Pressing any key returns to the main menu.

2) Extract Files- this is the opposite of archiving. It will let you pull (extract) files from an ARC file. You are first asked for the source drive. Next, you input the source filename. After that, you are asked for the output drive. It must be stressed that the output drive for ALL operations of Archiver should be different than the input drive. Otherwise you can run out of space or overwrite a file accidentally. Output drive disks should be BLANK.

The next prompt asks, "Extract all files?(Y/N)". If your answer is "Y", then every file stored on the ARC file is taken out. If your answer is "N" then the extracting starts, the program asks, "Include Filename?" for every separate file in the archive. Again press REDO (to restart this option), BACK returns to the main menu, or any other key to continue.

3) Catalog Disk- this is fairly self explanatory. Simply input the source drive name. The program will ask if you want a print out. If you

<CONTINUE Page 7 >

want a print out. If you answer (Y), then you are asked for a printer name. If there are more files than can be displayed, then (more) is printed on the screen.

4) Catalog ARC File - If you aren't sure what files are contained in a archive file, then this option tells you. You are asked for the source drive, Source filename, and whether or not you want a printout of the list of files.

5) File Copy - This option will copy a file (obviously). Simply supply the source drive and filename, and the output drive and filename.

6) File Rename-Again, this option should explain itself. Give the source drive and filename, then the output filename.

7) File Delete-Supply the Source Drive and Filename.

8) File Un/Protect - You first supply the Source drive and filename. You are then asked, "Protect (Y/N)". If you answer (Y), the file is protected, otherwise, File protection is lifted.

9) List Text File - this will display or print a DV/80 file. Give the source drive and filename. You are asked if you want the file Printed or not.

10) Load FW-This option returns you to Funnelweb. Simply give the drive # on which the UTIL1 file is loaded.

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How to Recover  
Memory in TI  
Basic/EX-Basic  
With Disk Drive  
Attached

Some exchange news - letters have been reviewed. Some of the print was smeared and faded. I found this one, I think that it comes from the PUG.


The TI operating system automatically sets aside memory to serve 3 concurrent open files. A minimum of 534 bytes of memory are taken up by general expansion overhead plus 518 more bytes for each of the 3 files open by default, or a total of just about 2K. If you know that you will have only one file open, key in the following DIRECT COMMAND:

```
CALL FILES(1) (press
ENTER)
NEW (press ENTER)
```

This sequence will recover 1K of precious mem. Please note that this sequence can be keyed in as a command only and cannot be used as a program statement.

Don't forget the NEW or results will be unpredictable. This procedure can be used with both TI Basic or Extended Basic. With TI Basic and attached disk this is more essential than ever since TI Basic will only address 16K & you can ill afford to lose much of that.

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## SON OF THE DISK OF DINOSAURS

By Ken Gilliland  
Notung Software

This is a two disk set, no repeats here of previously released dinosaurs, but a whole new set of creation by Ken. To use the disk, you must have TI-ARTIST version 2 or PLUS, and EXTended Basic. One disk is referred to as the "Programs" disk, and it contains 3 options plus exit program.

Dinosaur Facts is just that-facts about dinosaurs that Ken has looked up and put on the disk about the specific dinosaurs included in second disk. There is no way to print out the documents, but scrolling through to find what you want to know is easy, and Ken has even used the 'S' key to space the lines farther apart for those of us who are into bifocals now.

The animated cartoon is like those in the previous release, with drawings like cartoon art that flip to animate the pictures.

The Paleontology Quiz was tested by John

Harper, resident Paleontologist, who decreed it to be a pretty good game for kids. It has limited questions, and randomize, and Ken uses the game to salute Ray Kazner, a fellow programmer.

The second disk contains Instances of dinosaurs, which can be printed out with TI-ARTIST, and used on banners, fliers for kids to color, or, as suggested in the booklet that comes with the disks, using TI-ARTIST, add some background and make a real scene. Ken notes that TI-ARTIST PLUS has a section called 'Movies' with which you can create your own animated cartoons. Sounds like great fun to me!

Not to be a nit-picker, this is a great set of disks, with potential for the user to not just see them but interact and learn to do more. However, I enjoy the program and wish to see more. I have most of Ken's S-W and also have a hunting license to hunt dinosaurs.



(EDITOR)

\*\*\*\*\*

Two Irishmen were talking about liquor. One was just leaving the Pub, and one was just going to the Pub.



\*\*\*\*\*

# Pepsi ad refreshes; Coke's falls flat

Gannett News Service

Pepsi goosed its way to a fifth consecutive Super Bowl ad victory.

And archrival Coca-Cola's commercial about silly nicknames for redheads ranked a red-faced last in USA Today's 10th Annual Ad Meter.

Pepsi's winning spot featured a skydiver who befriends a goose with mid-air slurps from his Pepsi can. It was favored by Ad Meter's 185 volunteers in Arlington, Va., and El Paso, Texas, who used hand-held meters to chart their second-by-second reactions to the game's 52 national commercials.

The Super Bowl is widely regarded as the year's advertising showcase. Each 30-second spot cost \$1.3 million.

The best overall ad showing, however, might have been from Budweiser. Ad Meter volunteers were enchanted by a series of riddle-laden ads featuring two cunning lizards attempting to bump off Budweiser's chanting frogs.

## Super Bowl ads

### 10 most popular

Ad	Ad Meter rating
Pepsi	9.08
Budweiser	8.58
Budweiser	8.56
McIlhenny Tabasco	8.52
Bud Light	8.42
Budweiser	8.34
Doritos	8.33
Primestar	8.02
Lipton	8.01
Budweiser	7.97

### 5 least popular

Coke	4.05
Intel	4.37
Anheuser-Busch	4.96
Westin Hotels	4.97
Hormel	5.18

Budweiser's lizards ranked second and third. In fact, all four lizard ads cracked the top 10.

bottom half-dozen. Perhaps the biggest surprise was how poorly aggressive advertisers such as Nike and Coca-Cola scored.

A Nike ad featuring nearly naked athletes finished near the bottom of Ad Meter. Even Pepsi, whose Super Bowl ads frequently score well, placed only one of its four spots in the top five.

Unlike last year, few advertisers took any real risks during Sunday's game.

One year ago, Holiday Inn aired a spot featuring a woman at a school reunion who reveals she's had a sex change. The ad caused such a stir it was yanked by Holiday Inn within 48 hours.

This year, Holiday Inn played it straight with a spot about a jury so comfortable while staying at the Holiday Inn that it hesitates to reach a verdict.

Nike had every intention of being risky. But NBC censors forced the athletic-clothing maker to tone down its ad. In the end, the athletes' flesh was more visible to the mind than the eye.

### Ad Meter rating

Flying geese	9.08
Frogs survive close call	8.58
Frog assassination attempt	8.56
Mosquito meets spicy end	8.52
Guys enjoy shopping trip	8.42
Lizard scolds ferret	8.34
Beauty flips for 3Ds	8.33
Car saves satellite dish	8.02
New York Yankees	8.01
Lizard sets record straight	7.97

Nicknames for redheads  
Mystery is solved  
A. Busch III  
Asian resorts  
'In or out of the bowl...'

Intel had a rough night. Both of its ads, an interactive two-part whodunit, ranked among the

## Myarc Turbo Disk Switch

by Jerry Coffey

[excerpted from "Disk Controllers — Addendum March, 1987" another text file submitted by our club librarian.]

I mentioned a "turbo" modification to lock out the "read after write" (write verify) routine usually performed by the controller. Here are the details:

Find the 74LS251 chip at the top center of the controller board, above the DIP switches and beside the large FDC chip (marked WD1770). Solder a wire from the number 2 pin of the 74LS251 through a switch to ground (e.g. the wide trace of the DIP switches or any trace connected to that wide trace). Figure 1, below, shows the location of pin 2 when viewed from the bottom (non-component side) of the board.

As always you proceed at your own risk. (One person has told me this did not work on his 40 track system, but I haven't verified that.) You can tell it is working if your controller writes as fast as it reads (normally the write takes twice as long).

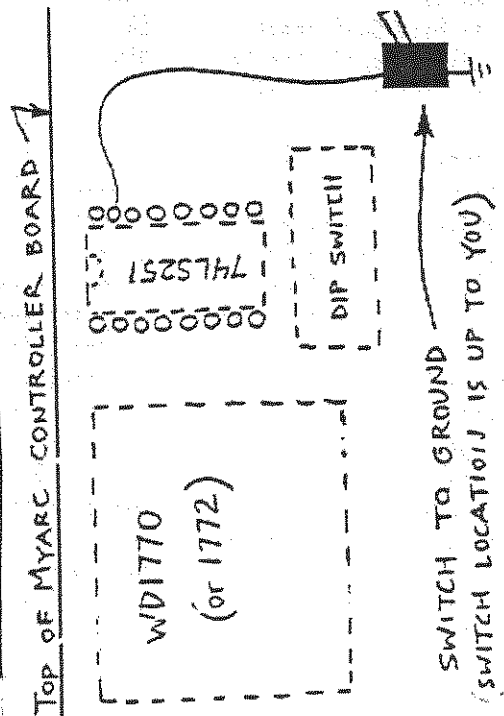


Figure 1. Location of solder side (non-component side) of Myarc Disk Controller



From: Gary Cox <garycox@netten.net>  
Reply-To: ti99@TheRiver.com  
To: ti99@TheRiver.com  
Subject: TI99: Pictures from the past

For those who have been into the TI99 since the 1980's you might be interested in a section of my WEB page which I just finished updating called "Pictures from the Past". It has pictures of many TI personalities from long ago. It is located on the TI section of my WEB page and under the heading "pictures from the past".

<http://www.netten.net/~garycox>

I went digging through some old pictures and found these... everyone looks so young back then!

C ya... Gary Cox

Note: This site and all of the text information is viewable with the TI 99/4A. The pictures are not viewable with the TI. A PC with windows and some kind of junk must be used to see the pictures.

If you havn't checked out Bill Gaskill's web page recently you should. Almost daily more information is posted. He has very very extensive historical information in his "reference" and "cartridge software" sections, similar to Mike Wright's TI CYC.

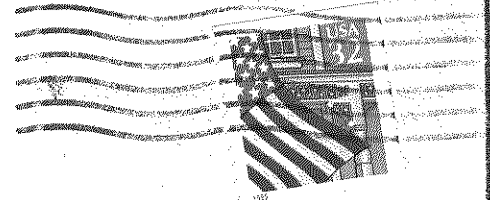
Check it out at <http://www.gj.net/~lucky7/>

Charlie Good  
good.6@osu.edu

Note: This is an excellent web site. Not only because of the contents, but also as far as I can tell, everything is accessable with the TI.

For those in the Pittsburgh calling area 622, you can access the internet through the Three Rivers Free Net, by calling 622-6260. Set TELCO or what ever terminal program you use to 8N1 and the baud rate that your modem supports. Login as trfn, and hit enter twice for the password. Type in the URL (web address such as <http://www.xxxxx> etc), hit enter and you will be connected in a few seconds. The space bar takes you foward one page and the hyphen - back a page. Put the cursor on a white block where it says link and hit enter. This will take you to the web address and the information associated with that link. The left arrow (fctn s) takes you back to where you started. Hit the letter "d" when the cursor is on a file name, and you will be given several choices to download the file. X-MODEM is the best choice when using the TI. This internet access is easy to use and works very well with the TI at 2400 baud. If you allready have a text based internet provider for the TI, but it is a cryptic command line interface, then "lynx" or "telnet" to trfn.clpgh.org. This will connect you to the menu driven interface of the Three Rivers Free Net, no login is needed this way. There is no cost for this connection, unless you dial in from outside the 622 calling area. Then, of course, you have to pay for the phone call.

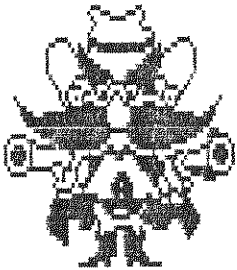
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MEETING FEB. 17th. 7:00 PM

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