



# West Penn 99'ers



Supporting the TI-99/4A Home Computer

*Established 1985*

ISSUE #89

FEBRUARY 1993

## FOR THE RECORD

by Frank N. Zic

Mickey started the January meeting promptly at 7:15 PM with several sharp raps of her new gavel. Her words of appreciation went to Ralph Vasko for great catch-up work on the newsletters. She also thanked, once again, our very unselfish and much recognized John Willforth. Lynn gave a favorable Treasurer's report and Bob the library report. Bob talked more tonight than at all the previous meetings that he has attended combined. It was informative and nice to hear. He has added to the library, Wagner's "Tristan und Isolde". Sure it's easy for you to say. Paul talked about some club correspondence that was received. Old business highlighted sales of the \$1 cassette book written by Mickey, the \$5 book of all TI suppliers, both hardware and software, including addresses and phone numbers. Mentioned too, were free supplies that she wished not to tote back home. Art said that re-inking was active. Mickey was second with her tape but ended up 7th behind the 6 tapes that Page

Pro Paul brought in. The Lima and Munch VCR tapes were again redistributed. New business included, Mickey's selected new theme of this year, "Improving the organization of ones personal library". Quite a challenge indeed. Mickey also submitted for this coming newsletter her first article on, "The Presidents 2 Cents". A unanimous vote cleared to give the Penn Hills Municipal Center a nice donation. Twice Art was called up front to help with a demonstration, but you had to be there to see the skeptical eye that he kept giving Mickey, waiting to see if a Jack-in-the-box would pop up. The free raffle tonight was for a combined module of Multi Plan and Car Wars, that was made by Bob McGinty.

I try to write the minutes in such a way that, if you've attended one of our meetings, you could almost feel that you were there. But, really you must attend to see how well Mickey handles things and has gotten so many of us to participate, no easy task. Nice job, Mickey. Favorable comments were made about Mike Wright's "TI Emulator". Norm reviewed the Dec. MICROpendium

## WEST PENN 99'ERS CLUB INFORMATION

## FROM THE EDITOR

NEXT MEETING DATE: FEBRUARY 16, 1993  
 MEETING LOCATION: PENNS WOODS  
 CIVIC ASSOCIATION  
 JUST OFF ROUTE 30  
 N. HUNTINGDON, PA  
 TIME OF MEETING: 7:00 P.M.

## LIST OF WEST PENN OFFICERS FOR 1993

PRESIDENT: MICKEY 412-265-5201  
 VICE PRESIDENT: NORM 614-264-6442  
 TREASURER: LYNN 412-835-4304  
 RECORDING SEC: FRANK 412-751-6065  
 CORRESPONDING SEC: PAUL 412-478-2754  
 LIBRARIAN: BOB 412-863-5672  
 NEWSLETTER EDITOR: RALPH 412-379-8762

## GENERAL ITINERARY OF THE CLUB'S MEETING

6:45 P.M. DOORS OPEN  
 7:00 P.M. GENERAL MEETING  
 7:45 P.M. DEMOS AND NEW INFO  
 9:45 P.M. ONE ON ONE HELP  
 9:45 P.M. SOCIALIZING  
 11:00 P.M. DOORS CLOSE

## MEETING HIGHLIGHTS FOR THIS MONTH

LATEST T.I. NEWS AND SOFTWARE DISCOUNTS

RESULTS OF OUR LATEST WEST PENN SURVEY!

TI BASE (VERSION 2.00) - DEMO BY MICKEY

TI SORT (VERSION 1.02) - DEMO BY MICKEY

DISK OF THE ANCIENT ONES - DEMO BY LYNN

\* SURPRISE DEMO BY ONE OF OUR MEMBERS \*

## RENEW YOUR MEMBERSHIP DUES!

\$15.00 PER YEAR FOR INDIVIDUAL / FAMILY  
 \$10.00 PER YEAR FOR ONLY OUR NEWSLETTER

RALPH J VASKO  
 1 VIRGINIA DR  
 DONORA PA 15033-1607  
 (412) 379-8762  
 PUG BBS #32

Thanks to 5 of our members who are contributing articles for the newsletter. Some identify themselves in their articles and some wish not to be recognized. This is one of the things that makes a club work when the members take an active part in an organization. We even have Frank Zic to check on my spelling. Should have him check the newsletter before it's printed. Find any misspellings Frank? Don't be just a POM (PLAIN ORDINARY MEMBER). Be someone that puts their 2 cents in to help out your organization and you might find out you got a dollar in return. Judy Muir put in her 2 cents and I can tell you she received many dollars in return in the way of many friendships and happy times at the various computer clubs we belonged to. Judy and Jerry Petrulak are probably talking about us now.

## NEWSLETTER EXCHANGE

WEST PENN 99'ERS  
 C/O MIKE SEALY  
 RD1 BOX 184  
 TORONTO OH 43964-9719

## SHOW SCHEDULE

Feb 13/14 FEST WEST 93  
 Salt Lake City Utah

Feb 13/14 Raritan Center Expo Hall  
 Edison NJ

Mar 7 Hofstra University  
 Hempstead Blvd, Hempstead NJ

Mar 27/28 Greater Baltimore Hamboree  
 & Computerfest  
 Maryland State Fairgrounds  
 Timonium MD

## The President's Two Cents

For those of you who read my column last month...and are wondering how I made out in my endeavor to stop those "DISK BUNNIES" in their tracks...I succeeded in my task! (And to think that it only took me 7 days to do it!)

Unfortunately...what I thought would take me only half an hour turned into a mountain of a project. You know how it is...first I thought that I'd just alphabetize my disks...then I thought that I had better check them once again for write-protect tabs, disk labels, file protects, and disk tests. Now if all that wasn't enough...I then needed to update my Adventure Data Base so that I would have an up-to-date list of what all I have when I go looking for more adventures at the next TI Show.

As you can see...I quickly turned a "MOLEHILL" into a "MOUNTAIN" without even batting an eyelash. Hmm...wonder if I can turn "WATER" into "PEPSI"...now there's a thought worth checking into!

Now...where was I...Oh...yes...Needless to say, the GODS LAUGHED hysterically. What made me succeed? To be honest...my big mouth. You see...I told you all in my column last month what I was planning on doing during the month of January...and I just had to be "STUBBORN" and "BULL-HEADED" and keep to my word. So...here it is...January 8th...and I now have 23 days off!

Now...that really puts a smile on my face!

You see...most jobs can be tackled...if only we look at a "PART" rather than the "WHOLE MESS".

So...take it from someone who speaks with recent first-hand experience...set yourself a goal in stopping those "DISK BUNNIES" in their tracks...and then...hop to it (no pun intended - Ha Ha).

Next month I intend on working on another "EASY CATEGORY". Let's just hope it proves to be "EASIER" than last month's category.

Hmmm...are the GODS LAUGHING at me already!

Anyway...next month I am going to organize all of my original third-party software. This is the stuff from Asgard Software, MS Express Software, Notung Software, Texaments...etc. Currently this category comprises 1 disk case...which is disorganized to put it mildly...but at least all of these disks are properly labelled...and that's a start.

In addition to organizing this disk case...I'll have to create another data base...as the last data base that I created was designed specifically for my adventure disks.

For those of you who are fortunate enough to attend the February West Penn Meeting...I will be passing around a copy of my latest data base...as well as demoing the programs that I am using to create them (Texament's TI-Base and Texament's TI-Sort). Hope to see you all there!

By the way...just for the record...my Adventure Library (which I just finished organizing) consisted of 2 disk cases...143 disks...and 275 entries in my data base. Quite a task and a half, but I did it!

The GODS may have LAUGHED, but I'm the one who came out on top. Let's see who wins next month. The GREAT OZ (a.k.a. MY BIG MOUTH) has spoken!

# PAGE PRO COLUMNIZER

BY JOHN VUKMAN

To continue with Page Pro, this article will cover Columnizing. The text will be made from FunnelWeb (you can use Ti-Writer).

If you want indentation, you must place carats (^) SHIFT 6, before each paragraph. They must be removed after Columnizing and before making a print out.

Also make sure that you ENTER after each paragraph. If you want a space between paragraphs, press ENTER again. Make sure you have that cr symbol in the right place, or your program will have faults.

After you write your article, be sure to remove all commands you have made at the beginning - such as FI;LM 10;RM 68;RD - Just save the typed article.

Now let us get back to Page Pro. As Tutorial Booklet says, this is one tricky program to execute. I wondered, why must you use Ti-Writer or F-Web (DU-80), when you can type the same article in Page Pro. So I tried to go in that direction, the instruction booklet does not mention, doing it this way. But I must try - Oh brother! After three days and many hours of typing and printing. I finally did make an all Page Pro Columnized page. In fact the page that I wrote, with instructions on how make the article is saved in my files. Believe me, when I first columnized the article, right justify was pretty good but the indentation would be anywhere in the line,

spacing between paragraphs was much larger. To salvage the project and say that, yes I can make this program, placed the two column text on the screen and did a lot of edit work. Saved it and made a printed copy. Do not and I repeat DO NOT try it.

Here are 1-2-3 instructions on how to make print out of this page.

I shall use my own save and load names in the directions. But you can use what ever names you choose.

01. Drive 1: Page Pro 99
02. Drive 2: F-Web article
03. Boot up Page Pro Menu
04. Press 6 - for 2 column
05. Pull P-Pro from DRIVE 1
06. Drive 1: Blank disk.
07. Answer all questions.
08. DSK2.PPFWEB
09. Gutter 4 - Justify Y
10. Remove lines N
11. DSK1.PAGE
12. Program will columnize.
13. When finished, Will ask
14. Do wish to quit?
15. Press 2 for yes
16. Remember item 11 above
17. Now is PAGE01
18. Now we must remove the
19. Carats in the text.
20. Drive 1: Page Pro
21. Drive 2: PAGE01 Program
22. Boot PP-CTRL 0-CTRL F
23. Press 3 - Import Text
24. Now remove all carats ^
25. CTRL F - 2 Save Page.
26. DSK2.FINALPAGE
27. NOW FOR PRINT OUT
28. BOOT UP PAGE PRO AGAIN
29. CTRL F - PRESS 1 LOAD
30. DSK2.FINALPAGE - ENTER
31. Text on Screen
32. Turn on - set Printer
33. Press CTRL P and ENTER
34. Printing will begin.
35. You have your page...

We have just completed Page Pro two column text with the help of FunnelWeb.

## War Zone

As Reviewed by

Mike Cendrowski

Price ..... \$10.00  
Author ..... Quinton Tormanen - Copyright 1989  
Distributor ..... Comprodine, 1949 Evergreen Avenue, Fullerton, CA 92635

Requirements:

TI-99/4A with Extended BASIC, Editor/Assembler, TI Writer, or Mini-Memory

Report Card:

Performance ..... B  
Ease of Use ..... A+  
Documentation ..... A  
Value ..... A-

Final Grade ..... A

War Zone, written by Quinton Tormanen, is a fun, shooting-type game with F-15s, SR-71s, Sparrows, Tanks, and Transports. (It also helps with eye-hand coordination). This game has a rolling screen with airplanes, tanks, and transports coming at you. The game starts out slow, but gets faster as you reach each higher level.

Performance:

At the main menu of War Zone, you are presented with a screen containing information about the author, the distributor, and the copyright notice, as well as a list of your four options: Continue, Begin, Scores, and Quit. By using the joystick, you can choose whichever option you prefer. To start the game, select Begin, then press the fire button to start.

The first screen will have a split screen. On the right side it will have a column for your score, high score, ships, level, and miles. On the left is the game. You are in a plane and in front of you will be a little box (cross hairs). You have to put the cross hair on the tank and transporters. You can shoot the planes that come toward you without putting the cross hair on them. Warning...after you have selected one of the following options (Continue or Begin), be ready to start shooting, because the game will begin right away. In addition, there is no type of time delay when the screen changes colors as you reach each new level. The program just keeps on going.

Before I go on, let me tell you a little bit about myself: My name is Mike Cendrowski, and I never had any experience with any type of computer until I met Mickey Schmitt (whom I later married on July 25, 1992).

Who ever knows Mickey, knows that she is great with the TI computer. She has been (and still is) trying to teach me how to use the TI, and I thank her for this.

Now, back to the game...

#### Ease of Use:

The game is so easy to play that you can just put the game in and load it up and start playing with it, without reading the manual. If you are like me, when I get a new game of any kind, I just can't wait to start playing it, and with War Zone, you can start to play it right away.

#### Documentation:

The manual is easy to understand. On the first page you are told what you need in order to run the game, and how to load the game in. It also tells you about the attack power of all levels and how many bombs each of your enemies has, as well as the score you can obtain for destroying each of those enemies.

On page two of the manual, you get a scenario of the game and the year. It also tells you about the options that you have, how to start the game, seeing the high score listing, quitting, saving the high scores and how to pause the game and game control.

On the back of the manual, it tells you about your enemies, about the base and how you can get reinforcements when you get 1000 miles, the different types of terrains and the start box.

#### Value:

I thought that the price of \$10.00 was a little high for this game. However, I am the first to admit that I am speaking only from a beginner's point of view, who doesn't know and understand what all goes into writing such a program.

I would like to thank everyone that I have met at all the user-group meetings, as well as all the folks that I have met at the Lima shows (and especially my wife, Mickey, for getting me involved in the TI Community).

Thank you all, and keep up the good work!

Mike Cendrowski

West Penn 99ers

# 100% FUNNELWEB TWO COLUMN WRITTEN TEXT

BY JOHN VUKMAN

I have written articles with the Page Pro Pictures and Columnizer. This page will be written in FunnelWeb and in two columns. Since the club is looking for news articles, I will attempt to show you different programs that can make one, two, three and maybe four columns to a page in upcoming issues.

Something to write about - let us look at TRANSLITERATE COMMANDS. A week ago I started to work with the TL COMMANDS. I am sure many of you are very familiar with the subject, for you who are not, let us see if I can explain in lay terms what is about to happen on this page.

If you wish to make a sentence or just a word in Italic Print, or Double Strike a line or word, or Elongate a word or words (as I did above in the header). This is all done with just using symbol such as a bracket - slash - circumflex etc. If you look at your ASCII Character Codes they are assigned numbers - A bracket could be 91 or 93. Now my next paragraph I wish to print it in Italic - and I will use right bracket (FCTN T).

TL93 is right bracket

I placed the right bracket symbol at the start of this sentence, which told the printer to print in Italic. As you have seen we have TL93 above, we must now fill in printer command. This is:

TL93:27,52

The 27,52 you must get these numbers from your printer instruction book. Please note that the TL command must be placed at the beginning of F/web or Ti-Writer program.

To stop the Italic Print, I will use left brace symbol (FCTN F) - The command is:

TL123:27,53

Let us recap - when the printer sees the command TL123 (or any other number) it is being alerted that some change in printing is wanted. Any numbers that follow tells the printer what is wanted - Italic - Elongated - underline - double print etc.

You will notice that the left column is dark in print, due to TL command for double strike. Now the above paragraph this command was shut off. As you look at that paragraph, you will notice some of the words are double struck. That command is TL91:27,71 and shut off is TL92:27,72.

This is SuperScript Printing: I used TL96 which is FCTN C - accent grave as the command to turn it on. Notice - line spacing does not look to good. I will change that now by placing in TL94 - SHIFT 6 - circumflex symbol in the paragraph. You will notice that the lines are much neater. The commands to turn on SuperScript is TL96:27,83,49 - Feed or spacing lines TL94:27,49 - to shut off use TL98:27,72 and TL42:27,50.

Word of caution: When placing a symbol before or after word, always put a space after it or your words will come together. Also put a period before the .TL command.

Now let me put different commands in this paragraph. Underline is being done. Now we are in *ITALIC* print. Let us now try SuperScript Printing: as you can see with TL commands you can make your Printer do many things.

Type and save the F/web and TL commands below, use them next time you use F/web.

```
0001 .FI;LM 00;RM 79;AD
0002 .TL42,27,50 * NORMAL SPACING
0003 .TL60,27,45,49 < UNDERLING
0004 .TL62,27,45,0 > OFF UNDERLING
0005 .TL91,27,71 [ DOUBLE STRIKE
0006 .TL92,27,72 \ OFF DOUBLE STRIKE
0007 .TL93,27,52 ] ITALIC PRINT
0008 .TL94,27,49 ^ SPACING S/SCRIPT
0009 .TL95,27,72 - STOP S/SCRIPT
0010 .TL96,83,49 ^ START S/SCRIPT
0011 .TL123,27,53 { OFF ITALIC
0012 .TL124,27,87,1 | ELONGATED PRINT
0013 .TL125,27,87,0 * OFF ELONGATED
```

Transferring Multiplan files between the TI99/4A-Geneve and IBM clones.  
By Dick Ohi West Penn 99'ers

You will need the program "PC Transfer" and "PC Transfer Utilities" for the TI99/4A and Geneve 9640 by Mike Dodd. "PC Transfer" requires a CORCOMP or MYARC disk controller and two double sided disk drives. These programs are distributed by 9640 News & Beery Miller. The following was tested using a TI99/4A and a Gateway 2000 IBM clone running Quattro Pro SE. These procedures should work with any IBM spreadsheet that will import files in the Symbolic Link format.

Begin by running Multiplan on your TI. Load the file you wish to transfer to the IBM.

1. Press T(ransfer), O(ptions), S(ymbolic), ENTER. This sets all transfer operations to the symbolic link format.

2. Press T(ransfer), S(ave) and type in a new file name so that you do not overwrite the original file, or you may want to save the new file to another diskette. (Recommended)

3. If you want to transfer more than one file you have to reset the normal mode for Transfer operations.

Press T(ransfer), O(ptions), N(ormal), ENTER. Load the next file to be converted and repeat steps 1 and 2 above.

4. When you have saved all the files you wish to transfer, exit Multiplan and insert the Extended Basic cartridge in the consol. Insert the PC Transfer diskette in drive 1 and select Extended Basic, PC Transfer will auto load from DSK1.

5. Using the prompts on screen, select a DOS drive and a TI drive.

6. At the "Conversion File Name" prompt type: DSK1.SYLK and press ENTER.

7. You may now remove the PC Transfer diskette from the drive. Insert the disk with your TI files in the designated TI drive, and either a blank diskette or a DOS formatted diskette in the designated DOS drive.

Note: It is possible to format a DOS diskette with "PC Transfer" but it is a very slow process. I recommend using a formatted 360K DOS diskette.

8. Load the TI disk catalog.

9. Select the files to be transferred by pressing C when the cursor is next to the file name. Use the space bar or down arrow to move down through the list of files, the up arrow allows you to move back up the list.

10. When all files have been selected, press E to execute the procedure.

11. You will be asked for a DOS file name for each file to be transferred. Type in a file name using up to eight characters plus a period and SLK (e.g MYFILE.SLK) and press ENTER. The .SLK extension is required for the DOS program to recognize the file.

12. When all the selected TI files have a DOS file name entered the transfer procedure will begin.

Take the DOS diskette to your PC clone, load your spreadsheet program and either open or import the file from the diskette. All data and formulas should be transferred to the DOS spreadsheet. You may have to make some changes in some cells as to how the data is displayed.





75%



## HINTS

I SHALL ATTEMPT TO PRINT SOME NEWS LETTER PAGES THAT MAY BE HELPFUL FOR THOSE WHO HATE TO READ - DOCS -

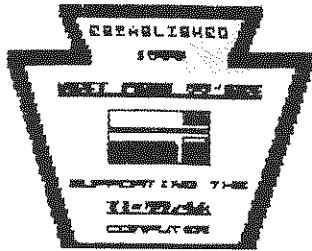
THIS PAGE COVERS REDUCING THE PICTURE CARPENTER FROM 100% TO 75 - 50 AND 25%

MORE PAGES ARE COMING TO COVER OTHER INSTRUCTIONS ON PAGE-PRO 99.

## PAGE-PRO FX

EASY STEPS TO REDUCE PICTURES IN PAGE-PRO 99 PROGRAM.

1. DRIVE 1-PAGE PRO FX DISK
2. DRIVE 2-DISK WITH PICTURE
3. BOOT UP PROGRAM AND REMOVE DISK FROM DRIVE 1.
4. DRIVE 1-INSERT INITIALIZED DISK.
5. AT MENU-PRESS 1 - EFFECTS
6. NEXT PRESS S FOR SELECT.
7. TYPE IN DSK2.n (PICTURE IN DRIVE 2 NAME)
8. MENU-PRESS P FOR PERCENT.
9. PUT NUMBER % FOR REDUCTION
10. NEXT PRESS S FOR SOLID.
11. TYPE DSK1.n (PUT IN NAME FOR REDUCED PICTURE)
12. TYPE Y - PICTURE WILL START REDUCING.
13. WHEN FINISHED SAVING MENU WILL COME UP ON SCREEN.
14. IF YOU WISH TO REDUCE MORE PICTURES. START WITH 6 ABOVE AND CONTINUE.
15. SUGGESTION NAMING REDUCED PICTURE PUT S OR SM AT END OF NAME-THAT WAY YOU WILL KNOW IT IS A SMALL REDUCED PICTURE.
16. NOW IF YOU WISH TO RUN THE REDUCED PICTURES YOU PUT IN DRIVE 1 PAGE PRO 99 AND PICTURE DISK IN DRIVE TWO.
17. I WILL WRITE UP ANOTHER PAGE TO COVER ITEM 16. GIVE YOU STEP BY STEP ON HOW THIS PAGE WAS MADE AND SAVED. THEN LOADED AND PRINTED OUT.



# WEST PENN 99ERS

I would like to start off this month with an artical I found in the Newsletter Nine-T-Nine June/July 1992. The title is Console Debugging help by John Guion (Dallas TI Home Computer Group). Problem areas- >1. Console will not power up. >2. Keyboard errors. >3. Intermittent console lock up. >4. Module errors. >5. Joystick port errors. >6. Video output difficulty. >7. Sound problems. I have been haveing trouble with the wrong keys being pressed and multiple entries. After reading this artical I can understand a little more about my TI. This may help someone else.

Newsletter Editor of the Cedar Vallie 99ers UG. is selling some MICROpendiums (EXTRA) and is looking for some that he has missing. See Dec. 1992 issue of the C.V.U.G. or contact Gary Bishop < 319-337-9574. He also needs a copy of 4A-DOS, for use with a super cart.

Every once in awhile I come across someone that is looking for something needed. So I will pass that information onto our EDITOR. This way if anyone is interested they have the info..

## MODULATOR REPAIR

by Ron Warfield

B.C.UG. Newsletter

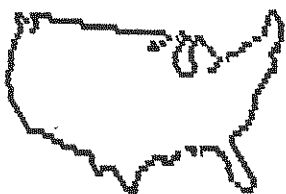
Over the years, I have been asked for help on repairing the TI modulator, so I decided that it is time to write an artical on the little beast.

The most common problems with the units is broken wires at the computer end plug. This is easy to check and all you need do is pull the rubber cover back from the plug and look inside to see if the wire is broken off. This is a simple fix for all it requires is to solder the wire back onto the pin.

The next problem is more difficult. When you turn on the trusty old TI nothing comes onto the screen. This is usually the integrated circuit gone bad. These are not too difficult to change except that the numbers on the chip are nonexistent in any cross reference book. Well, here is help for you. The chip is MC1374P and is very chesp to require. I just bought 10 for \$1.95 each. All you need is pop off the two covers of the modulator and unsolder the chip. If you don't have a desoldering tool, you can take a small pair of wire cutters and cut each connector close to the chip untill it falls out and then a small soldering iron will easily remove each wire singly. When all the holes are clained out, insert the new chip wiyh the index mark properly aligned and solder it into place. Replace the switch slide and the two covers and you should be back in business.

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HAPPY VALITINES DAY!



# THE INCOMPLETE AND ABRIDGED COMPUTER TERM LEXICON

From the Washington, DC 'Gazette'  
of July 13, 1983.

ANALOG - An hors d'oeuvre, usually made from cheese and covered with crushed nuts.

APPLE - Typically a device used to seduce men, usually equipped with display screens and/or worms.

BAR CHART - A list of places to go when it is Miller time. BASIC - A form of motion sickness that occurs only after waiting for two hours to cross the bridge and continue on to Ocean City.

BINARY - Possessing the ability to have friends of both sexes.

BIPOLAR - A descriptive term referring to someone who has homes in Gnome, Alaska and Buffalo, New York.

BIT - Similar to a nibble. Commonly eight nibbles in a mouthfull. See byte.

BUBBLE MEMORY - A derogatory term, usually referring to a person's intelligence. See also "vacuum tube."

BUFFER - A process through which computers are treated to prevent stomach upset.

BUG - Small living things that small living boys throw on small living girls.

BYTE - A mouthfull, as in "How many bytes in a Big Mac?"

CARRIAGE RETURN - The act of returning a vehicle to the rental counter.

CASSETTE - A very small petite cass... usually achieved through exercise.

CHARACTER DENSITY - The number of very weird people in your computer club.

CHIP - Any number of small crunchy objects often served with onion dip.

CLOSED LOOP - A method of execution no longer in vogue except in Iran.

CODE - Usually lasts about three to five days, accompanied by sore throat, runny nose and fever.

COMMAND - Statement presented by a human and accepted by a computer in such a manner as to make the human feel as if he is in control.

COMPILE - A heap of decomposing vegetable matter.

CONVERSATIONAL MODE - Describes the typical office on a Monday after a Steelers game.

COUPLING - An activity usually preceded by marriage, but not necessarily.

CPU - A juvenile way of telling your dog he missed the paper.

CRT - A movie about a little alien who forgets his telephone number and must write home.

CURSOR - An expert in the use of four letter words.

DEBUG - The act of placing shoe leather against a small creeping creature.

DISC DRIVE - Propulsion method developed by a well known foreign car manufacturer.

DOWNTIME - Title of a movie song popularized by Petula Clark.

DUMP - The EPA's answer to health.

EPROM - Movie actor Eprom Zimbalist, Jr.

ERROR - Something only humans can commit.

FIFO - A cute name for a dog.

FLOPPY DISCS - A defect occurring in all 1982 disc drives, necessitating a factory recall.

GIGO - A movie industry acronym referring to the numerous Gidget Goes \*\*\*\* movies, i.e., GIGO Hawaiian, GIGO Crazy, GIGO Surfing, etc., etc.

GLITCH - Scientific name for the little balls of fuzz that collect in navels.

HARDWARE - Typically boots, leather and chains. Contrast with software.

INTEGRATED CIRCUIT - The end result of busing.

INTERFACE - The opposite of "Getouttamyface."

K - A term used in employment ads to disguise how much they are really willing to pay.

KEYPUNCHING - An activity similar in most aspects to cowpoking.

MEGAHERTZ - A very large car rental company.

MODEM - A contraction. Commonly used as in "Give me some modem cookies."

NETWORK - The occupation of a fisherman.

ON LINE - A statement shouted at tennis judges in response to serves being called out.

OUTPUT - What people who talk backwards do to their cat.

PROGRAM - What commercials try to do to us.

RAM - A male sheep with horns.

REAL TIME - Here and now, as opposed to fake time which only occurs there and then.

RECURSIVE - See "recursive." ROM - A RAM after a delicate operation.

SEMICONDUCTOR - A person hired to lead an orchestra before he has graduated from the famous director's school.

SERIAL PROCESSING - The procedure through which corn flakes are arrived at.

SNOBOL - A small white round object thrown in the winter.

SOFTWARE - Typically silk nighties, nylons, garter belts. Contrast with hardware.

STRING - A object a kitten will play with but if given to a cat will cause him to leave home.

TERMINAL - What most people have to be before consenting to see a doctor.

TRANSISTOR - A sibling, i.e., a transbrother.

TYPEWRITER - A contradiction in terms.

VACUUM TUBE - A derogatory term. See "bubble memory."

as follows: p16, the ad for Oscar software, p22 Norm Rokke's "Page Pro Cataloger" which is sold through our favorite company, MS Express. p23, "First Draft/Final Copy" and p25, "King Turambar Disk Copy". A not so ordinary raffle was next held, at least not in how it was presented. John Whelan made a really neat rotating raffle barrel. He also made one for the PUG group as well. Nice touch, John. Each barrel was marked for WP 99er's and PUG but they both were inscribed with the PEPSI logo. Oh well, Art, you can't win them all. The gismo didn't work too well, as I didn't win any of the 5 drawings. Just kidding, just

kidding. Prizes given were: Page Pro Font Sampler, Page Pro Templates, Minefield, demoed by Norm, 10 foot joy stick cable and a small disk case. There was also a special free raffle for a nicely done 1993 calendar, made by Paul Brock. As if by magic it ended up in Mickey's hands even though Paul won it back, fair and square. A nice demo was put on by Mike Cendrowski, that's Mickey's better half, for those wondering. He showed, "War Zone". After the formal meeting, I demoed how to configure a 1 Meg HRD card. Well, I guess that covers most of the highlights, so I'll close with my usual, May the good 4's be with you.

## WEST PENN 99'ERS

% Mike Sealy

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