# Southwest Ninety-Niners Newsletter

## contributed by
## - Tom Wills -

**SW99ers User Group President of Record**

## compliments of



# www.ti99ers.org

# SOUTHWEST NINETY-NINER

## MARCH 1989

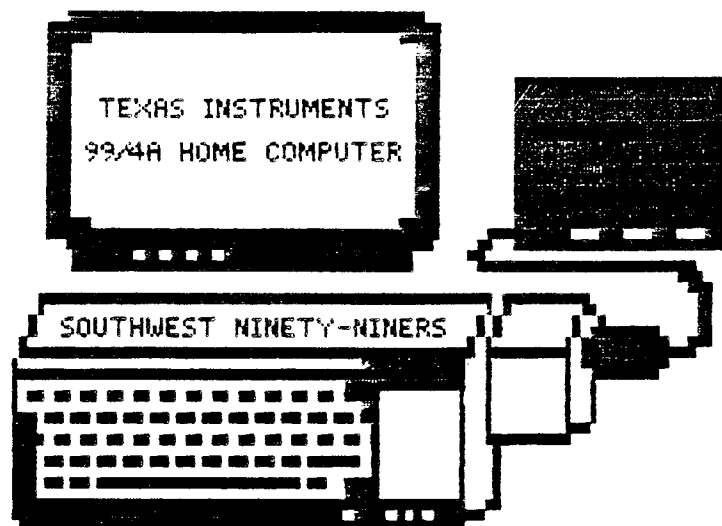P.O. Box 17831 Tucson, AZ 85730

### OFFICERS
BJ Mathis - President
David Ormand - Vice President
Ed McCullough - Secretary
Les Neff - Treasurer

### NEWSLETTER
BJ Mathis - Editor

### LIBRARY
BJ & Jack Mathis - Co-Chairmen
Ida McCargar - Fairware Librarian
Ida McCargar - Lending Librarian

TEXAS INSTRUMENTS
99/4A HOME COMPUTER

SOUTHWEST NINETY-NINERS

## ATTENTION MEMBERS!!!

Next meeting, Thursday, March 2nd at Devon Gables Health Care Center in the Executive Dining Room at 6150 E Grant across from the Price Club at 7pm. Look for the BLUE AWNING!!! Tom D'Angelo is scheduled to demonstrate a Star Micronics Rainbow printer. He is a Star Micronics authorized repairman and also works on disk drives.

## GENEVE USERS WORKSHOP

Second Tuesday of each month at 7:30pm (March 14th). David Ormand's home - 2227 E Drachman - 795-2005

## GENERAL USERS WORKSHOP

Third Tuesday of each month at 7:30pm (March 21st). Includes Word Processing, Multiplan, Data Base, Basic, ExBasic, Hardware, etc. Mathis home - 5941 E 26th - 747-5046.

## ADVANCED LANGUAGES WORKSHOP

Fourth Tuesday of each month at 7:30pm (March 28th). Includes: FORTH, A/L, etc. Rod Stallard's Home - 7575 E Logan - 745-6071

THE SOUTHWEST 99ERS USER GROUP
PRESENTS
THE CACTUS PATCH BBS

PARADIGM BBS VERS 2.0
(C)COPYRIGHT 1988
BY
MIKE KIMBLE
&
TRAVIS WATFORD

300/1200 BAUD - PARITY 8N1
24 HOURS A DAY, EVERY DAY

SYSOP: DAVE ORMAND
CO-SYSOP: TOM WILLS
(602)795-1953

## MARCH - DISK OF THE MONTH

Includes the new version of MAX-RLE with the Docs. Also included is a program called Slide Show which runs from Extended Basic and allows you to use MAX-RLE without the Assembly Language Module. You can use this program to show other RLE pictures by changing the Data statements. If you have any questions, check with me. I put a new set of pictures into the program.

Fest-West preparations kept us so busy that I didn't have much time to work on DOM this month. There will be more programs next month, I hope!

You will also find Regena's San Diego program which appeared in January's MICROpendium. This program runs in Console Basic and shows a map of San Diego and points out places of interest.

*Ida McCargar - 294-3024*

## PRESIDENT'S CORNER

The SouthWest Ninety-Niners Disk Library list were updated for Fest West '89. They will be available at the meeting. If you are unable to attend please send a self addressed stamped (2 stamps please) envelope to the group PO Box with your request.

Ida McCargar suggested the group look into buying a box of address labels, then allow members to buy a portion of the box at a reduced savings. I bought them and they will be available to members at 500/$1. Please, let me know at least 24 hours prior to a meeting, so I will be sure to have them with me.

If you are interested in borrowing the group modem to try out People Link (PLINK), please contact me. We will probably have a waiting list for the this so be quick about it! Al is still in California looking for modems and visiting with family. We hope to be set up to do this by the meeting. We still need someone to volunteer to handle the billing. This includes allowing the bills to be sent to you. A fee will be established (payable in advance) for the use of the modem, etc., so no one should get stuck with the bill!

The SouthWest Ninety-Niners has been asked to host the Fest West in 1990. We will discuss this possibility and vote on it at the March meeting. Please come prepared to share your ideas. We must decide quickly so we can get to work or allow another group to be approached with the idea.

*BJ Mathis - 747-5046*


## FEBRUARY SW99ERS' MINUTES

### Thursday February 2, 1989

1. Pres. BJ Mathis opened the meeting at 7:15pm.

2. Pres. Mathis discussed FestWest plans. She asked who was planning to go and who needed rides. She advised that ten more reservations are needed to meet the quota set by the Clarion Hotel to insure the special rates they had quoted. She reported that we are taking "Home Publishing", "The Writers" and our Fairware Disk Library with us.

3. Ida McCarger has been corresponding with many of the prominent programmers and getting some very interesting programs. Art Byers provided a program that will permit programs written in Super Extended Basic to run in Extended Basic.

4. Sec. Ed McCullough recently visited the Clarion Hotel where FestWest is to be held. He acquainted us with some of the physical layout of the facilities we will be using, and provided a map on how to get off the I-8 Freeway to get to the hotel.

5. Pres. Mathis reported that Regena had written a Basic program on how to get to FestWest and what to see in San Diego, that has been printed in the latest issue of MICROpendium.

6. Pres. Mathis covered a topic that was discussed at the recent Line Officers meeting. It was a proposal for the club members to be able to try out a national bulletin board at a minimum of expense. She called upon Tom Wills, who is a SYSOP on People Link, to explain a procedure that we could use to gain such experience. Tom advised that sign-up cost for the group life-time membership would be $15 and the hourly rate during leisure hours would be $3 per hour, using a 300 or 1200 Baud Modem.

To get a group password, we would require one individual to handle the billing.

The group would obtain a Modem and check it out to an individual for a month and provide a password with it. When the month is up, the Modem is returned to the club and it is then issued to the next person on the list, along with a new password. Each individual would be responsible for the costs incurred during his month of use.

7. Aaron Traiger moved and Al Armstrong seconded the motion that the club purchase a Modem and obtain a club membership with People Link. The motion passed.

8. Tom Wills demonstrated TI-Artist.

*Ed McCullough, Secretary*

# FEST WEST '89

## by BJ Mathis

February 17th and we're off! Jack, Tim, Chris & I are in Ed McCullough's van. Wes Eng is here, too. I am tired from all the preparations, but I'm soo hyper, I can't quit talking. Jack finally told me to shut up and get some sleep. So with the sun slowly rising behind me, off I go dreaming of the wonderful things and people I will see over the next few days. Suddenly I think of something I wanted to tell Ed Hallett, I jerk awake only to realize, he is in the car ahead of us and it's difficult to hold a conversation that way. Oh, well, drift away....

Ah, now San Diego is spread out before me. We have arrived at a hotel right out the 1940's and the pastel colors seem to blend all through my dreams. Oh no! We lost Ed Hallett, never mind we found him again! Tim and Chris want to go swimming! You're kidding of course, it's February. Suddenly I see them swimming around in a huge pool, loving every minute of it despite the cold.

Drifting into view are Rodger Merritt and Steve Mehr of Comprodine with Bill Gaskill lending a helping hand at their booth. Terrie Masters, Gail Farr, and Fred Moore are diligently working at LA 99ers booth. Barry Travers is showing someone Genial Traveler. Mike Wright has the Boston Computer Society library with him. Dijit Systems graphic pictures are flowing thru my dream. Franz Wagenbach is smiling as he answers questions. RAVE 99 keyboards and speech cards are doing a merry dance before my eyes. Regena is happily showing her San Diego program to someone who wants to go sight seeing. Tom Freeman is busily stirring up something with a hard drive in the T & J Software booth. Jerry Price of TexComp is happily selling piles of books and disk drives (that can't be the right price!). Jim Peterson's software packages are floating by now, but I can't find Jim anywhere, oh well just buy, buy, buy. Ray Kazmer is talking too fast for me, never mind, Ida will keep up with him.

Even the SouthWest Ninety-Niners are hard to focus on, as they busily sell books and copies from their disk library while registering anyone who will allow them to do it. Jack Mathis, Al Armstrong, Wesley Eng, Ed Hallett, John & Maxine Hale, Ida McCargar, Ed McCullough, Dale Ussery, Larry Newman all spin past me and now I can see I am there working, too!

Into my conscious mind comes the realization that, both Lou Phillips of MYARC and Les Merryman, their west coast distributor, are not here. In alarm I hurry about the room searching for them. Alas, they are too ill to come. Ed Hallett reassures me he will come to the rescue for anyone who wants MYARC products. He is determined to get his Hard Floppy Disk Controller on this trip to the coast. I run about frantically obtaining orders from anyone who will listen to me, and Ed says he will drive up to Los Angeles Sunday morning. Ed brought back his HFDC, as well as one for Rod Stallard, and placed paid orders for two Geneves and a MYARC Disk Controller in Les Merryman's hands. That should make Les happy!

Already, it's Sunday afternoon and the exhibitors are packing up. The Grand Prize has been awarded to someone in Las Vegas, and the SouthWest Ninety-Niners are wanting to know what are we going to do about dinner tonight!

Pizza is the suggestion, but let's bring it to us. The hotel gives us permission to eat in the breakfast room, as long as we clean up our mess. Ed McCullough asks Regena and her family to join us. Will he ever quit bringing the pizza in?

Then we are in the van heading for home, still eating pizza and sorry it's over, wish I could have asked more questions and talked to more people.

"bj..........bJ..........BJ! Wake up! We're here, it's time to get set up for the Fest." "What! You mean I've still got time to learn about TI-Base, Jiffy Flyer, Form Shop....." "BJ, you're crazy. Now let's get to work!."

# NEW FOR THE LENDING LIBRARY

THE ORPHAN CHRONICLES by Ron Albright, Jr.,M.D. Fascinating reading on the history of the TI-99/4A.

TI BASIC COMPUTER PROGRAMS FOR THE HOME by Charles D. Sterberg. Includes home financial, automobile related, kitchen help, scheduling, list programs, and more!

USER'S GROUPS HARDWARE REPRINTS compiled by Chicago TI/99 User's Group. If you want to try some hardware modifications this manual may be what you are looking for!

BEGINNER'S BASIC TUTOR on disk, a TI package.

# GET THE MOST OUT OF PRINT WIZARD

*Deanna Sheridan, Northcoast 99ers, Cleveland, OH 12/88*

Print Wizard was introduced by TRIO+ Software last year at the Chicago Faire. It has gotten some nice reviews lately in the various newsletters on our exchange list.

It you have ever seen or used Print Master for the MSDOS machines, you will recognize that Print Wizard is patterned very closely after this package (within the limits of the TI's memory space). As with most long XBASIC programs, it takes a long time to load and get ready to run. In scanning the code, I cannot determine if it has utilized any Pre-Scan operations and it seems to take forever to start running.

As with Print Master, Print Wizard offers you a choice of greeting cards, signs, or letterheads. The manual is one of the best I have come across in a long time and guides you through each step. You are allowed a border, text and graphic at the same time. The card does print in all the right places to fold for a standard greeting card.

You have a choice of 3 sizes for your graphic and depending on that choice, a variety of ways to place that graphic on your screen. There is a small box on the screen which shows you how many of your graphics can go on a side and where you can choose to place them. If you also want text, it sometimes becomes tricky not to intermingle them.

You get all of the above with Print Master, also, except that with the additional memory available, you can actually see what the finished product will look like before it is printed. There are now many libraries of graphics available for Print Master, but I have yet to see any new fonts or borders. This is where our slow-poke Print Wizard has the advantage. You can convert your TI-Artist fonts and graphics (in fact all the graphics and fonts on Print Wizard come from a companion disk for TI-Artist produced by Trio+ Software) and convert them to Print Wizard format. Although I have not tried it, there are instructions to create your own borders. This makes Print Wizard a very versatile program.

But, if it wasn't so slow, you say. It takes up to 45 minutes to create and print just one card. There is no way to save your cards, or is there? There is an advertisement currently running for a discount department store where the woman chants with a one-purpose thought, "paper towels, paper towels". Computer users should always be thinking "print to disk, print to disk". This will make Print Wizard a completely new program for you.

At the menu screen, where you are asked to configure your printer, use DSK1.FILENAME (whatever you want to call it) and when it comes time to print the card, it will print it to disk. The time will be the same as when printing to the printer, but if you want multiple copies, they are printed in a fraction of the original printing time.

The idea for this came from Tom Wynne of the Tacoma 99ers last fall. He said most of the graphic programs could be printed to disk and then run through an XBASIC program for multiple copies and speed (since the pinter commands are already converted). In the case of Print Wizard. I use a little program similar to:

```
100 OPEN#1:"DSK1.FILENAME",INPUT,VARIABLE 128
110 OPEN#2:"PIO.CR",OUTPUT
120 IF EOF(1) THEN 140
130 LINPUT #1:A$ :: PRINT #2:A$ :: GOTO 120
140 END
```

With this in mind, I have geared up to use Print Wizard in the following manner. I have printed out all the borders and given them the same names as in the manual. I am planning to take my favorites graphics for special occasions such as Christmas, Easter, Valentine, Birthday, etc. and make up a disk. Then as I run onto some favorite sayings or poems, I will create a disk with the various fonts provided or convert some others. THEN, when I need a card for that special occasion, I can print it out in about 5 minutes or less. If you return your paper to the starting position after printing the border, or graphic, or text, it will be perfectly placed on the paper just as though it had been printed all at once. Also, using this method, I can mix and match borders, graphics, etc. and can also print in a variety of colors and can even use more than one graphic on a page. It has made using Print Wizard a pleasure instead of frustrating. The little program above could be enclosed in an array so that multiple copies could be made without resetting. A person with a set of templates and the above program would not even need Wizard to create cards.

I have spent most of my time on Print Wizard doing cards as it seems to have more potential than others we have for doing that. The sign program is also nice, but there are much better programs available for Letterheads, and I don't plan to use that feature at all. For $19.95 and the above suggestions, you could do some very creative Christmas cards next year!

# THE POWER OF RELATIONAL EXPRESSIONS

*Jim Peterson - Topics LA 99ers, Nov '89*

What are those, you say? You may well ask. The "blue book" that came with your computer says nothing about them, and most of the programming tutorial books on the subject are equally silent. If you waded through the computerese and mathematese text of the User's Reference Guide, you found them discussed on page II-14 under Relational Expressions and on page II-51 under IF-THEN-ELSE, but you probably didn't realize their potential. Then, you graduated to Extended Basic and found those easy-to-use, in-the-clear logical expressions AND, OR, NOT and XOR, and you looked no farther.

So, what can a relational expression do? Nothing that can't be done without it. But it can often do the job so much more compactly, so much more efficiently, and therefore so much faster!

So, let's learn to use them. And let's learn in plain English, not computerese. The following may not be technically correct, but it's the way it all works out.

First, every expression has a true/false value, which is entirely different and separate from the value of the variables or numbers or strings it contains. On the TI-99/4A, a false statement has a value of 0, which is easy to remember - A FALSEHOOD IS WORTH NOTHING. Unfortunately, a true statement has a value of -1, which doesn't fit in too well! On some other computer you may have learned that a true expression has a value of +1, but on the TI it's -1.

So, in ...F=7 :: IF F=8 THEN...., F=7 has a value of -1 because obviously F does equal 7, and F=8 has a value of 0 because it is not true.

Second, when an IF refers to a variable without an "=" sign, it means "<>0". For instance, IF X THEN 1000 means "if X is more or less than 0, if it is not 0, if it is anything other than 0, then go to 1000".

Third, the computer will try to use the expression mathematically before it tries to interpret its true/false value. Remember everything within parentheses is worked first. For instance...X=1 :: Y=2 :: IF (X=1)+(Y=2) THEN 1000...Since both are true, this works out to IF (-1)+(-1)<>0 THEN 1000, and since -1 plus -1 is not 0, we go to 1000. On the other hand, X=1 :: Y=2 :: IF X=1+Y=2 THEN 1000 will first be calculated as X=1+Y, which comes out as X=3, and then as X=3=2, which has a true/false value of 0 (false) because X=3 has a true/false value of 0 (false), not 2!

Finally, always remember that a variable keeps its previous value until the calculation of an entire equation is completed. X=3 :: X=X+(X+3)*X-X/X^X+(X=0) is worked as X=3+(3+3)*3-3/3^3+(3=0).

Now that you have assimilated this vast knowledge, how can it be used? The most common way is in the expression IF (X=1)+(Y=2) THEN 200. In this case, if it is true that X=1 but Y does not equal 2, then -1+0 is <>0 so you go to 200. If X is not 1 but Y=2, then 0+-1 is still <>0, and if X=1 and Y=2 then -1 plus -1 is still <>0, so you still go to 200, but if X is not 1 and Y is not 2 then 0+0 is not <>0 so you do not. Of course, in Extended Basic, you could simply write IF X=1 OR Y=2 THEN 200.

If you want to go to 200 only if X=1 or if Y=2 but not if both are true, then you can write IF (X=1)+(Y=2)=-1 because either -1 plus 0 or 0 plus -1 will equal -1. In Extended Basic, this is the "exclusive OR", IF X=1 XOR Y=2.

And if you want to go to 200 only if both are true, you can write IF (X=1)+(Y=2)=-2, or more commonly IF (X=1)*(Y=2) because if either or both are not true the multiplication by 0 will give 0. In Extended Basic, this is IF X=1 AND Y=2 .

And you can write more complicated versions, carefully watching your parentheses, such as IF (X=1)+((Y=2)*(Z=3)) which translates to IF X=1 OR Y=2 AND Z=3.

If you're programming in Extended Basic, why bother with all those parentheses? Why not just use OR and AND? In the above cases, that is true. But you have not yet begun to see the power of relational expressions!

Since the true/false value is a numeric value, it can be used in calculations, and it does not have to be used with an IF statement.

For instance, this is a statement that I have used within a loop to alternate control of the two joysticks between two players....X=X+1+(X=2)*2 :: CALL JOYSTICK(X,Y,Z) . In this, the first time around, X has not been given a value, so the equation is read X=0+1+(0=2)*2 and, since 0 does not equal 2, 0+1+(0*2)=1 and joystick #1 is activated. Next time around, X=1 and X=1+1+(1=2)*2 gives X a value of 2, since 1=2 has a true/false value of 0. The 3rd time around, X now has a value of 2, and X=2+1+(X=2)*2 which is worked as X=2+1+(-1)*2 and then X=2+1+(-2) which is X=2+1-2 and X=1 again!

If you think that's neat, look at this one from the Airport Area UG newsletter, credited to Robert Cooley - X=X=0 :: CALL JOYST(X+2,Y,Z). Here, the first time around, X does equal 0 so the statement X=0 has a true/false value of -1 so X=-1 and X+2 activates joystick #1. Then X=-1 so X=0 has a true/false value of 0 so X=0 so X+2 activates joystick #2...and so on! Of course, you could also write IF X=1 THEN X=2 ELSE X=1 if you prefer.

Another example: A=INT(10*RND):: B=INT(10*RND):: FOR J=A TO B ...Now, if the random B happens to be smaller than the random A, the loop falls through with nothing happening. You could add a line IF A>B THEN T=1 ELSE T=-1 and FOR J=A TO B STEP T . But why not just FOR A TO B STEP (B<=A)+ABS(A<=B) . If B<A then -1+ABS(0) gives a STEP -1 to count backwards, but if A<B then 0+ABS(-1) gives STEP 1, and if A+B then 0+ABS(0) equals STEP 0!

Here's another example - 100 INPUT "SCREEN COLOR? ":S :: FOR SET=1 TO 14 :: X=SET+1-(SET)=S):: CALL COLOR(SET,X,X):: NEXT SET . That changes the character sets to colors 2 to 16 in sequence, skipping over whatever color has been selected for the screen.

Strings can also be manipulated. 100 P$(1)="S" 110 INPUT "HOW MANY? ":N :: PRINT "THE PRICE IS "&STR$(n)&" DOLLAR"&P$(ABS(N>1)):: GOTO 110 . Or, more efficiently 100 INPUT "HOW MANY? ":N :: PRINT "THE PRICE IS "&STR$(N)&SEG$(" DOLLARS",1,7-(N>1)):: GOTO 100

However, it is also possible to overdo it. The following routine will read key input to move the cursor around the screen in all 8 directions, stopping at the borders or travelling along them if struck diagonally. However, it requires so many calculations for each key input that it is not the fastest method for accomplishing this.
100 CALL CLEAR :: R=1 :: C=3
110 CALL KEY(3,K,ST):: IF ST=0 THEN 110
120 C=C+((K=82)+(K=68)+(K=67))*(C<32)-((K=87)+(K=83)+(K=90))*(C>2)
130 R=R+((K=90)+(K=88)+(K=67))*(R<24)-((K=87)+(K=69)+(K=82))*(R>1)
140 CALL HCHAR(R,C,42):: GOTO 110

For compact, efficient programming, learn to use the relational expressions! But also learn when not to use them!

# SWAN'S POND

## by Ida McCargar

There was very little new for the 9640 at Fest-West. Charley Summerhill of North County 99ers demonstrated his 9640 with 2 40-meg hard disks as well as 3 1/2" drives with DS/9 capability. He also demonstrated Myarcs MDM5 and said a hard disk version of MDOS is due soon.

We have added to the Geneve Library a 9640 Development Kit which was compiled by Ron Walters and is a collection of the most up-to-date contributions by some of the more prominent people in the TI community, including Clint Pulley, Al Beard, John Johnson and others who have gone a long way to complement the limited resources of Myarc in support of the 9640. Included are an MDOS editor and assembler, sector editor, MDOS debugger, Xops and miscellaneous routines, along with documentation and source code. These utilities bring a great deal of information together for anyone trying to learn assembly language and to program in A/L for the 9640. There are almost 1400 sectors altogether.

Another full disk(700 sectors) of miscellaneous programs contains Magic File Manipulator for transferring files from TI to another computer using Xmodem CRC protocol; a fractal program; JJ's Menu with docs to explain some improvements, a Window program, and several other utilities.

Some Fairware programs from Beery Miller include a simple Data Base and a Label program for MDOS, both bare bones programs for 9640 programmers to work on.

We also have a Fairware program from Winfried Winkler in Berlin with EA Enhancements for GPL mode. (The docs are in German!)

# TELCO Quick Reference

| TELCO Editor Key Functions | TELCO Terminal Function Keys | TELCO Review Buffer Function Keys |
|---|---|---|
| Fctn-1 Delete Character at cursor | Fctn-1 Auto Dialer | Fctn-1 Top of review buffer |
| Fctn-2 Insert Character at cursor | Fctn-2 Print Spooler Toggle | Fctn-2 Bottom of review buffer |
| Fctn-3 Delete line | Fctn-3 Window Left | Fctn-3 Window Left |
| Fctn-5 Clear Input | Fctn-4 Download files (Page Down on Geneve) | Fctn-4 Window Down |
| Fctn-8 Insert line | Fctn-5 Window Right | Fctn-5 Window Right |
| Fctn-S Left Cursor | Fctn-6 Upload files (Page Up on Geneve) | Fctn-6 Window Up |
| Fctn-D Right Cursor | Fctn-7 Help | Fctn-7 Help |
| Fctn-E Cursor up | Fctn-8 Review Buffer | Fctn-8 Screen Dump to a device |
| Fctn-X Cursor down | Fctn-H Hangup | Fctn-P Purge review buffer |
| Ctrl-A Clear all tabs | Fctn-M Macro Select | Fctn-E Line up |
| Ctrl-B Set Bell | Fctn-Y Screen Setup Options | Fctn-X Line down |
| Ctrl-C Clear Tab | Fctn-N Full/Half Duplex toggle | Fctn-S Column left |
| Ctrl-P Place Tab | Fctn-L Log open/close | Fctn-D Column right |
| Ctrl-R Set Right Margin | Fctn-/ Log Hold | |
| Ctrl-S Show Tab Line | Fctn-J Window Lock toggle | TELCO Auto Dialer Function Keys |
| Ctrl-T Tab | Fctn-V Status line toggle | |
| | Fctn-. (function-period) Conference Mode | To view the list of numbers use: |
| | Fctn-@ Reset Clock | |
| | Ctrl-2 Clear screen locally | Fctn-4 Page down |
| | | Fctn-6 Page up |
| | | Fctn-X Line down |
| | | Fctn-E Line up |

# Fairware Additions

## SouthWest 99ers Library

408. CARFAX ABBEY from David Vincent of the U.K. One of the besyt adventure games I have seen. It is a 3D maze game with up to 999 different layouts--you can choose a different one each time you play. There are 4 levels, 25 rooms on each level. Each room is displayed along with a map showing your location on the level as well as the other 3 levels. The graphics are excellent, showing the locked doors, windows, corridors, stairways, etc. There are secret panels which are displayed only after you find them. You meet goblin merchants, skeletons, ghosts, etc. and your object is to find and destroy Count Dracula, then find your way out of the castle. A game can be saved to disk and resumed another time. This is well worth the donation the author asks.

419. MICROPENDIUM INDEX compiled by Bill Gaskill is complete to Nov. 1987.

428. 40 COLUMN UTILITIES FOR XB by Brad Snyder gives you 14 new commands and includes a demo program showing how they are used.

437. VALENTINE by Ray Kazmer. If you missed the Valentine disk last month you can still get it from the Fairware Library. Help rescue Penelope from the Grog, and Ray promises to use donations for a worthy cause.

# BUYER'S GUIDE

*The following information is provided as a service to our members. The items listed are for sale by the individuals indicated and are subject to prior sale. The group assumes no responsibility for items listed and makes no claims as to their condition or interface capability with the TI-99/4A computer. Only computer related items will be accepted for publication in this newsletter.*

Hunt the Wumpus $3, TI Invaders $3, Munchman $3, Parsec $4, Logo II $10, Home Budget Management $3, Terminal Emulator II $7, Personal Record Keeping $4, Early Reading $7, Personal Real Estate $4. Books: The Best Texas Instruments Software $2, The Best of TI 99/4A Cartridges $2. Call Jack or BJ 747-5046.

TI-99/4A Console, Expansion Box w/CorComp RS232, TI 32K, TI Disk Controller, SSSD Disk Drive, TI Extended Basic, Editor Assembler, Multiplan, Writer, Personal Real Estate, $380. Optionally 2 DSDD half height drives. Call Dick Paschal 790-4779.

Parsec $4, Donkey Kong $8, Big Foot $8. Call Dick Paschal 790-4779.

TI-99/4A Console, Speech Synthesizer, TI Joysticks, 7 modules, 24 basic programs on cassette, make offer. Call Sue McLaughlin 297-9804.

FROM SOUTHWEST NINETY-NINERS: Printer Ribbons for Star Micronics NX-10 $4.50ea. & NX-1000 $3ea., Cassette Cables $3, Personal Record Keeping $4, Tax Investment/Record Keeping $3, Home Budget Management $3, Books: The Writers by Harry Brashear $3ea., Home Publishing by Harry Brashear w/disk $15ea., "Best" Newsletter $5ea., Using & Programming the TI-99/4A $6. Call Jack or BJ 747-5046.

# GROUP INFORMATION

The SouthWest Ninety-Niners is a Computer Users Group formed to promote the use of the TI-99/4A and compatibles. We are not affiliated or sponsored by Texas Instruments. Membership is $20 per year for non-U.S. members. For U.S. members the first year is $20 and $15 per year for renewal.

The membership fee pays for the cost of printing and mailing the newsletter which is published 12 times per year. Your membership entitles you to buy disks, cassettes, and other items from the group at significant savings, compared to the local market. Members also have the privilege of borrowing books, magazines and modules from the Lending Library, obtaining copies of Fairware and

Public Domain programs (subject to copying fees) from the group disk library, and a disk of the month is prepared for members who attend the main group meeting on the first Thursday of each month. Non-attending members may obtain a DOM for $1 per month to cover postage and mailer.

Family memberships are available at the same cost. They allow all family members the same priviledges, however, only one newsletter is sent out and only one vote is allowed for the membership.

To join the SouthWest Ninety-Niners please send a check or write for more information to SouthWest Ninety-Niners, PO Box 17831, Tucson, AZ 85731 or call BJ Mathis at 747-5046.