

SouthWest Ninety-Niners

August 1990

P.O. Box 17831 Tucson, AZ 85730

OFFICERS

BJ Mathis - President
Tom Wills - Vice President
Ed McCullough - secretary
Larry Newman - Treasurer

NEWSLETTER

BJ Mathis - Editor

LIBRARY

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



NOTICE!!! NOTICE!!!
MEETING DAY CHANGED!! ←

Next meeting, TUESDAY, August 7th at Devon Gables Health Care Center in the Executive Dining Room at 6150 E Grant across from the Price Club at 7pm.

EXEC MEETING

This month Monday after general meeting at 6:30pm (August 13th). Johnie's Restaurant 22nd & Alvernon - All SW99ers welcome - Call BJ in advance if you plan to attend.

GENEVE USERS

Second Tuesday of each month at 7:30pm (August 14th). THIS MONTH at Tom Will's home - 6935 E Kingston Dr - 886-2460.

GENERAL USERS

Third Tuesday of each month (August 21st) at 7:30pm. Mathis' home - 5941 E 26th - 747-5046.

ADVANCED LANGUAGES

Fourth Tuesday of each month (August 28th) at 7:30pm. Rod Stallard's home - 7575 E Logan Dr - 745-6071.

Membership Report

Thirty-one people signed in at Devon Gables for the June meeting. Three new memberships were received and Les Meff, Jim McCallum, and John Doane renewed their memberships.



EDITOR IS ON VACATION



The Editor of The SouthWest Ninety Niners User Group's newsletter, BJ Mathis is on a well deserved vacation with husband Jack and sons Chris and Tia. In her absence I am acting as the Editor. So, if you notice things aren't as acting as usual, or things look a little different, that is the reason. Despite my lack of experience in putting out a newsletter, I hope you find the August '90 issue enjoyable.

Tom Wills, Vice President

The Cactus Patch

◆ SYSOPS ◆
DAVE ORMAND
◆ ◆ AND ◆ ◆
TOM WILLS

24HRS/7DAYS
PARITY=8N1

PARADIGM
SYSTEM

602-290-6277



President's Corner



SouthWest Ninety-Niners have been looking forward to FEST WEST '91 ever since Ken Hamai of the Brea 99ers announced at Fest West '90 that his group and one or two other groups from that area were willing to host Fest West '91. Although Brea 99ers seem to have dropped out of the project, Users Group of Orange County (U60C) and Pomona Valley U6 are jointly shouldering the responsibility. Fest West '91 will be held February 16 & 17, 1991.

The slogan for Fest West '91 is "The Happiest Fest on Earth". Since Fest West '91 will be held across the street from Disneyland, the potential for it to be the "Happiest" is certainly there. Make your hotel reservations at Ramada Main Gate, Anaheim, CA, 1-800-447-4043, now, to be sure you are among the happy throng! The special rate for Fest attendees is \$35 per night. Only 30 rooms are available at this rate so make those reservations early! Travel arrangements may be made through Ruth Dickey at Travel Concepts (714)778-5459.

Further information can be obtained by calling U60C BBS (714)751-4332 or write to: Fest West '91 Committee, c/o Bill Nelson, 11692 Puryear Lane, Garden Grove, CA 92640.

Good Luck Guys! Knowing the amount of work you are only just beginning to do, we salute you! Remember, it will all be over on February 19th, 1991 and then someone else will begin work on Fest West '92!

BJ Mathis - 747-5046

July SW99ers' Minutes



Thursday July 5, 1990

1. The August meeting will be held on TUESDAY the 7th.
2. The Question and Answer period was again conducted by Ed Hallett.
 - a. My stand-alone disk-drive clicks when a diskette is inserted. What is the problem, and will the diskette be damaged if it is forced?

Perhaps the spring tension is too strong. Bring the drive to the next workshop on Saturday at the Mathis home, and we will try to correct the problem.

- b. Has anyone had any success in loading Artist Instances or GR Graphics into Joy Paint?

Some of us have tried, but did not follow through after problems were encountered, so we don't have any answers as yet.

- c. Is there any way to develop a data base of songs using a variable length title field? And, can sorting be done quickly on the first part of each of the songs, without using field separators?

Using a field separator (such as \ or :) is about the only way to be able to tell the program where to start each item, when variable length fields are desired.

3. We have hand-outs for a TI-Fest to be held in Portland OR, in September '90. Anyone interested in attending may pick up a flyer after the meeting.
4. It is time to make your plans for attending FestWest 91. It will be held in Anaheim CA, across the street from Disneyland, at the Ramada Maingate Hotel. Dates are February 16 & 17. Room rates of \$35 plus tax are limited to the first 30 participants making reservations.
5. Kim Lamb of KUAT TV wishes to make a feature of SW99ers. She wishes to film an interview on July 18 (Wednesday), from 1:30 to 4:30PM. This event will be conducted at the Columbus Public Library. It will be very impressive to have very young children as well as Senior Citizens participating. We plan to have a variety of systems available to provide a console/cassette, a TI-Controller Expansion System, a DSDD Controller Expansion system with a Horizon RANDISK, and a Geneve.

6. QB Monitor has a very good article on TIPS. Copies are available to TIPS owners at 60 cents per article.
7. Also, we have an article on "The Missing Link" (10 cents), which may be of interest to owners of TML.
8. Computer Shopper has some Diskette Storage boxes at a very good price. Also, there are several other good bargains listed by the same vendor. Look over the article and let Jack Mathis know so he can put together an order.
9. Jack has received the order for the quieter fans for the PE Box. We will have a workshop Saturday morning (July 7th) to install fans.
10. Leroy Allen has several TI items he is selling for a friend. The items included are; a console, a speech synthesizer, a cassette player and six modules.

11. Jack Mathis presented an analysis of sectors "0", "1", "2" of a diskette that has been formatted and had intelligence loaded into it. This is preliminary to a Demo on the restoration of damaged files. Interest in the demo was very strong, although it is a very complicated subject. Several members expressed the desire to at least begin to understand how the TI writes to disks.

Ed McCullough, Secretary

PROBLEMS WITH MYARC

by Tom Hills



In recent months it has become more and more apparent that there is problems at Myarc, Inc. But, before I go into the details of our problems and dealings with Myarc, let me make it clear that, despite the tone of this article, it is not meant to be a condemnation of Myarc, or as an article condoning any type of buying boycott of Myarc products. This article is meant to express some legitimate concerns about Myarc, and the opinions expressed here are mine alone! Now, on to the article.

Shortly after Fest West '90, I ordered a Hard/Floppy Disk Controller Card (HFDC) from Disk Only Software. The HFDC is for the User Group BBS, Cactus Patch. Well, here we are, five months later, and still no HFDC. I have contacted Jim Horn of Disk Only Software and all he can tell me is that the HFDC's are backordered!

I cannot estimate how many HFDC's are on backorder, but I get the impression there are quite a few. In fact, I'm not sure Myarc has sent out anything in months! The software has been sitting on hold for ages. What is happening at Myarc?

When I ask the Myarc representative on CompuServe (Myarc, Inc, ID #72460,430) what is happening, he isn't able to tell me much either. I checked in with CIS just before starting this article, to see if anything had developed. Nothing.

Another item of concern is an order placed by a member of the SW99UG who lives in Australia. He gave Jack Reilly a check for \$600 (!!) at Fest West '86 for the purchase of a PAL version of the Geneve. Guess what? He has never received it, even though the check was cashed over 4 years ago. When I have called Myarc's Alabama number, I keep getting the same answer, which goes something like "...We'll have to contact Lou.". This has been going on for months also. I am told by the Alabama Myarc operation that some PAL version Geneve's had been sent to Australia. But, the word I get from Myarc's representative on CIS is that the PAL version Geneve's are not ready yet! What is the real story here?

The reason for going public with these problems is two fold. The first is to warn people of some potential double talk from Myarc. The second is to see what other User Groups and individuals are experiencing.

Myarc **MUST** get these problems resolved if they are to remain a viable entity in the TI world. I am even questioning if Myarc is really in business anymore. If they are, what is the problem? We can work with Myarc if they tell us the truth, but they have never seemed to feel that we are intelligent enough to deal with the truth. I have always felt I had a very good working relationship with Lou Phillips going back to 1986. The same goes for Myarc as a whole. I hate to think that I have been mistaken all this time.

If Myarc does not get the HFDC's on the market pretty soon, they will be a loser to a new company in Pennsylvania. If Chris Pratt of the West penn 99ers gets his HFDC card on the market before I receive the Cactus Patch HFDC, I will cancel my order with DOS and order the Pratt HFDC instead. And, I am not alone in this one. One member of our UG has already cancelled his Myarc HFDC and placed an order with Chris Pratt. Several others are looking into this possibility also.

The bottom line has to be "...drive it or park it!". I have been a strong supporter of the TI and the Geneve (Myarc). But, how much has to be endured by us loyal Myarc supporters before we say "Nuts" and go elsewhere for our products. This will only serve to hurt Myarc, and all of us in the end.

If anyone has any ideas, suggestions, or comments on this subject, please drop me a message on either Cactus Patch or on CompuServe (id #71550,3213), or contact Myarc, Inc (CIS ID #72460,430). This is a subject which Lou and Jack need to hear from us on. They'll never get off of dead center unless they realize we are getting to the end of our ropes. Both in the hardware and software areas.

KUAT-TV AND OUR USER GROUP

by Tom Hills



KUAT-TV, channel 6 in Tucson, is going to be filming a segment on our user group! By the time you received this newsletter, it was hoped that the date of the airing would be known. But, due to health problems of the producer, the filming has been postponed until sometime in September. As of this writing, Kim Lamb, producer of By The Side Of The Road is undergoing surgery for cancer of the Thyroid. By The Side Of The Road is a regular feature on KUAT's program, Arizona Illustrated.

This kind of publicity is invaluable to our User Group. We are planning on have a cross section of our group available for the filming, along with a representation of the different types of configurations of our machine, all the way from the basic console with a program recorder to a fully expanded Geneve system. When a new date is rescheduled, members will be contacted to participate in the filming. In the meantime, let us keep Kim Lamb in our prayers.

THE FIRST HIGH-TECH HOROSCOPE

By Dan Gutman

Downloaded from American People Link

With some modifications by Tom Hills



Millions of people believe the positions of the stars and planets at the moment of birth have a powerful influence on our lives. But what about us computer lovers? I thought astrology might be able to play a part in guiding our confusing high-tech lives.

Let your birthday star be your on-line HELP screen...

AQUARIUS (January 20-February 18)

Beware! A virus is being planted in your system by disgruntled terrorist hackers. You will achieve your goals only when you lose your envy of power users. Just your luck, getting laryngitis the same day the new voice mail system was installed.

PISCES (February 19-March 20)

An old lover may be sending you a fax soon. But who needs love, when you've got connectivity? In any case, masculinity is not measured by how many megabytes you have in your hard disk, you silly boy. It's measured by how many pixels you have on your monitor.

ARIES (March 21-April 19)

Don't read any electronic mail sent by a Capricorn. Your life needs updating, and so does your data base software. The best way to set your sights upward and keep your feet on the ground is to get one of those ergonomic chairs.

TAURUS (April 20-May 20)

Never install a multifunction board on a Wednesday. Beware! There is an electrical power surge with your name on it. Accept all offers that come your way--any parallel port in a storm. Your life is incomplete--fill those empty expansion slots now.

GEMINI (May 21-June 21)

Do not hesitate. Act with speed. With every passing day, your hardware becomes more obsolete. Today is the day to make a change in your life. Start by switching to 3.5 inch floppies. Disaster is imminent. Back up your hard disk drive before it's too late.

CANCER (June 22-July 22)

If life seems to be passing you by, it may be time to spring for that accelerator card with zero wait time. Beware of Virgos who own Amigas. Looking at the world through rose-colored glasses may be dangerous, especially if you don't have an anti-glare filter.

LEO (July 23-August 22)

You have difficulty making choices, especially when it comes to CGA, EGA and VGA monitors. Happiness comes to those with 100% TI-99/4A compatibility. When you're down in the dumps and your world seems to be collapsing around you, take solace

in the fact that desktop publishing was invented in our lifetime.

VIRGO (August 23-September 22)

Your burden is getting lighter. So is your printer ribbon. Don't worry, be happy, buy printer fonts. Never trust a Pisces who uses a Hayes modem. The time is right for a major mail merge. Don't settle for your dot-matrix existence in this letter-quality world.

LIBRA (September 23-October 23)

Bad days ahead. Air travel is out of the question, and even "Flight Simulator" should be discouraged. This may be the time to get that service contract. Always keep in mind that artificial intelligence is better than no intelligence at all.

SCORPIO (October 24-November 21)

A romance with that Pisces in your user group is a distinct possibility. Suppress your urge to splurge on a surge suppressor. Even though you may be lost and wandering for many days and nights, be thankful that you brought your TI-99/4A.

SAGITTARIUS (November 22-December 21)

With Scorpio rising, Microsoft Excel has its highest possibility of crashing today. Ask yourself--is your RAM memory half empty, or half full? In either case, now is the time to change the toner in your laser printer. You have a secret admirer. Unfortunately, he works at a Radio Shack store.

CAPRICORN (December 22-January 19)

Focus yourself, as multitasking is difficult and can cause cramps if you do it in one position for too long. Build a better mouse and the world will beat a path to your Bernoulli box. Things aren't as bad as they may seem--at least you didn't buy a PCjr.

LIBRARY NEWS

NEWS ITEM



According to Barry Traver, Jack Sughrue has begun work on a Cassette Library of PD programs for the TI. Jack envisions 3 categories: 1) TI BASIC programs 2) TI XB programs 3) programs requiring modules like TE2 or EA. Jack feels we must encourage cassette users if the TI community is to survive. They may move up to disk systems--IF they are able to see the benefits of TI using equipment they already have. If you'd like to encourage Jack in this project write to : Jack Sughrue, P.O. Box 459, E. Douglas MA 01516.

I might mention that I will try to transfer any program in our library to cassette if it is possible. Check at the Library Corner, look thru the catalog of programs, make your wants known.

CACTUS PATCH HELP FILES

by Tom Hills



The following is one of the HELP files available on the SouthWest Ninety Niners BBS, The Cactus Patch. These files can be accessed while online to aid users in the various functions of the Paradigm BBS software. For those of you who access Cactus Patch, and have never taken out the time to read the HELP files, hopefully you will find the following useful. Keep it handy when calling Cactus Patch. Please note these files may be accessed online by pressing H)elp at the Main Menu screen. More HELP files will be forthcoming in future months.

GENERAL HELP

Keyboard is HDT! You don't have to wait for a "Choice?:" prompt to make an entry. Input is accepted in most places as soon as you press the key. Only hit enter after a string (like your name).

Active control keys are:

^B Pause. Stop output.

^Q Resume.

^N Backspace.

^C Abort. Works just about anywhere. Use this to get out of anything boring. Also, the space bar will pause and anykey will resume (I know, "where's the anykey?"), "N" will allow you to skip to the "Next" message in the message base, and "A" will act as the control C does, allowing you to abort files.

C)hat

Calls the sysop to terminal mode. If he's available, you'll be acknowledged and you may communicate with the SysOp in terminal mode. Use this if you want a download disk swapped.

G)oodbye

Logs you off the system and gives you an opportunity to leave Feedback to the SysOp.

I)nfomation

Used to read various text files, such as: User group information, Other BBS Systems, etc. The menu will change as new files are added or deleted by the SysOp.

L)ave Feedback

Any feedback can be left on my printer. Max 20 lines of 80 columns. Feedback is also stored in a separate file that can be read by any co-sysop that I appoint. If you have something private you wish to leave for the sysop, then leave it \$EMAIL\$.

Other PBBS numbers

Prints a list of other PBBS bulletin board systems. PBBS was released in May of 1988, so this list has a lot of growing to do.

S)et screen width

Lets you set your screen width to something between thirty and eighty. This information is stored in your user file, so changes made are permanent until the next time you alter it.

T)oggle clear screen

Between movements around the PBBS program, your screen will be cleared for you. If you were using a logfile, these clear screen characters (control Z and control L) are formfeeds to a printer, and would run you out of paper unless you removed them. While this is easy enough (PF with C with TI-Writer), you can toggle that character on and off by pressing T. If it is toggled off, the screen will not be cleared between most movements.

W)ho called

Prints a list of the most recent (20) callers and where they are from. The date and computer type is also displayed.

Y)our status

You can retrieve information from this area like your present level, messages entered, and how many times you have uploaded or download files or programs. Check this once in a while. If the system has a clock, it will tell you the time of day also.

If you need more information on any of the the functions, please try to reach me in C)hat mode, or L)ave Feedback to the SysOps. Any questions, comments or suggestions are always welcome.



NEW MEMBER

Larry Tippett, P.O.Box 293, Model City NY 14107. Welcome to SW99ers, Larry. In the March 1990 Micropendium(p.38) I read Harry B.'s review about a Cryptogram. I recalled downloading such a program from Genie, but when I checked I found just a very simple program to make cryptograms, without all the features Harry described. I wrote to ask Larry about putting the program I had in our Fairware Library with a note that one could obtain the expanded version by sending the requested fee. I also told him I wanted his program and would send for it as soon as I finished paying for FW I am now using. Larry replied that I could put the Genie DL in the library as I suggested, but in addition he sent me the updated program, an extra disk of game files, and a third disk with another program he had written. In return, he wants me to send him a year's subscription to the newsletter. Since I can't just take extra newsletters to send him, I am paying his membership fee and Larry is now a member of our club.

I will be demoing his program in the near future and will try to write a more comprehensive review of the program. I am a puzzle fan (or should I say--used to be, before TI Geneve). I've been solving cryptograms ever since I read Poe's The Gold Bug in 7th grade!

TI-99/4(A) Disk Format

By Randy Moore



The following is a complete and, to the best of my knowledge, accurate description of the Disk Directory format and file storage allocation used by the TI-99/4(A) computer.

SECTOR 0 - Volume Information Block

ADDRESS	CONTENTS
0000-0009	Disk name - up to 10 characters
000A-000B	Total number sectors on disk (>0168=360, >02D0=720, >05A0=1440)
000C	>09 (# of sectors/trk)
000D-000F	'DSK' (>44534B)
0010	>50 = Disk backup protected, >20 = not protected
0011	# of tracks per side (>28=40, >23=35)
0012-0013	# of sides/density (>0101=SS/SD, >0201=DS/SD, >0202=DS/DD)
003B-end	Sector allocation bit map. See note below

NOTE on >003B-end:

This is a sector-by-sector bit map of sector use; 1=sector used, 0=sector available. The first byte is for sectors 0 through 7, the second for sectors 8 through 15, and so on. Within each byte, the bits correspond to the sectors from right to left. For example, if byte >003B contained >CF00 then the first byte equals 1100 1111. This means that sectors 0 through 3 are used, sectors 4 and 5 unused and sectors 6 and 7 used. Information for the 2nd side of a DS/SD disk starts at byte >0065 and ends at byte >0091.

SECTOR 1 - Directory Link

Each 16-bit word lists the sector number of the File Descriptor Record for an allocated file, in alphabetical order of the file names. The list is terminated by a word containing >0000; therefore, the maximum number of files per disk is 127 [(256/2)-1]. If the alphabetical order is corrupted (by a system crash during name change, for instance), the binary search method used to locate files will be effected and files may become unavailable.

SECTOR >2 TO >21 - File Descriptor Records

ADDRESS	CONTENTS
0000-0009	File name - up to 10 characters
000C	Filetype: >01=Program(memory-image) >00=DIS/FIX >02=INT/FIX >80=DIS/VAR >82=INT/VAR
000D	File deletion protection invoked by Disk Manager 2 will be shown by >08 added to the above.
000E-000F	# of (MAXRECSIZE) records/sector Number of sectors allocated to the file. (Disk Manager 2 will list one more than this number, thereby including this sector in the sector count)
0010	For memory-image program files and variable-length data files, this contains the number of bytes used in the last disk sector. This is used to determine end-of-file.
0011	MAXRECSIZE of data file.
0012-0013	File record count, but with the second byte being the high-order byte of the value.
001C - end	Block Link (see note)

Note on file storage:

Files are placed on the disk in first-come / first-served manner. The first file written will start at sector >0022, and each subsequent file will be placed after it. If the first file is deleted, a newer file will be written in the space it occupied. If this space isn't big enough, the file will be 'fractured', and the remainder will be placed in the next available block of sectors. The block link map keeps track of this fracturing. Each block link is

3 bytes long. The value of the 2nd digit of the second byte followed by the 2 digits of the first byte is the address of the first sector of this extent. The value of the 3rd byte followed by the 1st digit of the 2nd byte is the number of additional sectors within this extent.

Sectors 2 through >21 are reserved for File Descriptor Records and are allocated for file data only if no other available sectors exist. If more than 32 files are stored on a disk, additional File Descriptor Records will be allocated as needed, one sector at a time, from the general available sector pool.

A TI WELCOME TO NASHVILLE

by Ida McCargar



I recently spent a weekend in Nashville. I had previously written to Music City 99ers for some information. When I arrived at my hotel, there was a message at the desk welcoming me to Nashville and leaving phone numbers for me to call. I called, spoke to Bill Edwards, and gave him my room number. Bill arrived in a short time. We exchanged information about our clubs and I gave him some disks I had brought for him and some of our newsletters. The Music City 99ers have experienced a decline in membership but a few of them are working hard to keep the club going and publish a newsletter.

Bill then offered to drive us around Nashville and I enjoyed a guided tour of the city with interesting commentary and history along the way. Among the points of interest were the Parthenon, the old Ryman Auditorium, Printer's Alley, and an area of beautiful homes. Nashville is a beautiful city and since Bill is a Para-Medic, he really knew his way around the city. I have had a letter from Bill since I returned home, and he did try to call the Cactus Patch, but I think it was experiencing some problems at the time. TI'ers are like one big family and I enjoy meeting, calling them, and corresponding. I might mention that every time I have sent payment for Fair Ware, I have received nice letters, and sometimes extra programs. When I was just starting out and had obtained Jack Sughrue's FUNLPLUS, he took the time to write me a letter explaining step-by-step exactly how to use it.



Disk-of-the-Month

August 1990

by Ida McCargar



This month's disk contains a variety of programs. First, the LOAD program was written by Karl Romstedt, author of the Fairware disk PANORAMA as well as 2 nice children's programs that are in our library. Karl's address is 2543 Cranford Rd, Columbus OH 43221.

CRIBBAGE/B (Basic) and CRIBXB (to run in Extended Basic). WE also have a Fairware Cribbage Game in the Library. I have often wished someone could take the best features of each of these games and make one perfect game. Now (in the latest Asgard News) Jack Sughrue says that Arcade Action (4122 Glenway, Nawatosa WI 53222) provides the best cribbage game you can imagine for the TI, and all you need to send them is \$7!

QUIZWRITER is a program by Jim Peterson to help you make up quizzes on any subject you like. How about some review quizzes to get the young folks ready for school? Jim Peterson says this program must be distributed FREE, not even a copying fee. If you like his programs, I have a copy of his PD catalog, and for \$1 he will send you a complete catalog of all the programs he has written. If you make up any quizzes, please send a copy to him, at 156 Collingwood Ave, Columbus OH 43213. To get you started, there are 4 quizzes on this disk--Elements, Nations, Presidents, States--all run in XB.

From Lucie Dorais of the Ottawa U.G. come 2 neat waltz programs with graphics--Fairy Waltz and Laltz L'eau. The Waltz/Read File is a good tutorial on how she programmed the music, created the dancing couple, and an idea for using her routines as a template for creating other songs.

SPIRAL is a little graphics program, originally written in Extended Basic by Jon Keller of the Bluegrass U.G. I modified the program so it will run in Console Basic, and shortened the XB program a bit. You can see how XB is more efficient for programming than Basic, using less space.

SCREENFULL is another little graphics routine --doesn't do anything except fill the screen with a character. You might like to play with it and expand it.

THOSE WERE THE DAYS--TV theme song, with graphics.

When you put the disk in and choose XB, the Load program comes up with a menu. If you push FCTN 7 you get a HELP screen with instructions. Notice that you can read files with this program.





WISE BUYS



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.

Printer Cables 4'=\$8, 6'=\$10, 8'=\$12; Adventure w/disk \$4; Personal Real Estate, Household Budget Management, Home Financial Decisions, Securities Analysis, Munchman, Chisholm Trail \$2 ea. Books: Compute's Guide to TI-99/4A Sound & Graphics, Programs for the TI Home Computer, Games TI's Play, Texas Instruments Software Development \$3 ea; 36 Texas Instruments TI-99/4A Programs for Home, School, & Office, Free Software for Your TI-99/4A, Compute's Programmer's Reference Guide to TI-99/4A \$2 ea. Call Jack or BJ (602)747-5046.

Complete TI System, Console, PE Box w/all cards, 12" B&W TV, TI Printer, Speech Synthesizer, Cartridges and books. \$400 takes all. Call Les Neff (602)327-6437.

TI 99/4A Console & "How to Use the TI-99/4A Computer", Teach Yourself Basic (2 cassettes) \$20; Household Budget Management, Home Financial Decisions, Securities Analysis, Personal Record Keeping, Adventure w/cassette, Tombstone City, all & modules for \$10. Call LeRoy Allen (602)886-7805.

TI-99/4A Console, TI-99/4A Monitor, Axiom Interface, Personal Real Estate, Home Financial Decisions, Home Budget Management, several books, \$140 takes all. Call Ed Hill (602)744-1169.

Seikosha GP-100 TI Printer w/Axiom Interface & 6' ribbon \$75; Sams 24 Basic Programs, Sams Games, Calc, Graphics & Sounds each w/Book & Cassette \$4ea; TI Program Recorder w/Cable & Cleaner/Demagnetizer \$10; TI-Planner (spreadsheet) module (saves to cassette or disk) \$20; Teach Yourself Basic (cassette) & Bridge Bidding II (cassette) free. Call Ed Chase 299-6511.

TI-99/4A Console, Speech Synthesizer, ExBasic, Mini Memory, Cassette Player, Joystick Adapter, many other game & educational modules. \$120 or best offer for all. Call Art Gorosave 883-2303.

TI-99/4A Computer set up w/3 disk drives and printer. Includes manuals, plus E/A, Tricks, Writer, ExBasic and other programs. Nearly new, local group was short lived and the stuff has been in the closet ever since. Sell all or part for best offer. Gene Farland, PO Box 6519, Yuma AZ 85366-6519

TI-99/4A Console, Expansion box w/all cards, ExBasic, and 11 other cartridges (mostly games). \$300 takes all. Call Bill Williamson 586-2281 or write HCR Box 1933, Benson, AZ 85602.

Parsec \$4, Donkey Kong \$8. Call Dick Paschal (602)790-4779.

Smith-Corona Fastext 80 printer w/manual, and Printerf (instructional software especially for this printer from McWare). This printer is mostly Epson compatible for text. Contact Pam Elliott (816)534-7790 or BJ 747-5046 for address.

99/4A Console, Speech Synthesizer, Extended Basic, TE-II, Parsec, Tombstone City, Blasto, The Attack, and Car Wars. \$90 takes all. Call Danny Stern 297-3839.

Pan For Gold: Anyone interested in learning to pan for Gold (Yes! The yellow stuff)? If we could those who are interested to show a vote of hands at the next meeting, then we will be able to be accomodating to all. We need advance notice to be sure we have enough water for teaching you how to pan. The location is Oracle, AZ, on the backside of Mt Leman. Richard Brewer

From Southwest Ninety-Niners:
Feb '90 Disk Library Catalogs \$1 ea. M&S&H, Hunt the Mumpus \$4; Munchman, Personal Record Keeping, The Attack \$2 ea; Printer Ribbons: Star Micronics NX-1000 Rainbow \$9, NX-2400 \$4.50, NX-1000 \$4, NX-10 \$3, Gemini 10X \$1. Tractor feed l-across mailing labels 500/\$1; Disk Labels 30/\$1; Cassette Cables \$3; Overlays \$3. Books: How Publishing on the TI-99/4A Supplement \$3 w/disks \$10.50; Starting Forth \$10, Pocket Guide to Forth \$5, Discover Forth \$5, Thinking Forth \$10; Editor/Assembler Manual \$3; The Writers by Harry Brashear \$3; The Best of 99er Home Computer Magazine \$6; The Last Word on the TI-99/4A \$4; Sams TI-99/4A Graphics & Sounds Book & Cassette, Using & Programming the TI-99/4A \$4ea; TI-99/4A BASIC Programs w/cassette \$5 - Book only \$3; Compute's Arcade Games on the TI 99/4A, Kids & the TI 99/4A \$3; TI-99/4A: 51 Fun and Educational Programs, The Elementary TI-99/4A, Compute's TI Games, Compute's TI Collection Vol 1, How to Feel at Home With a Home Computer, Computer Playground \$2 ea. Call BJ or Jack (602)747-5046.