



## SouthWest Ninety-Niners July 1992

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Library Chmn-BJ & Jack Mathis Disk Librarian-Ida McCargar  
Lending Librarians-Richard Baron & Dale Usery

### Disk-Of-the-Month - July 1992

by Mike Doane

The July DOM consists of programs that are available from Cactus Patch PBBS. This is just the tiniest of samplings available. Many, many more programs, utilities, files, games and pictures are available. Cactus Patch is one of the least used, and yet most valuable services available to you as a TI user! It is so simple to use even I can use it!! (By the way Tom, when I try to download a program to disk#A or B, I get some really neat effects using TELCO, seems to be the Horizon RAM disk version of "CTRL Z"!).

LOAD is a program loader from Jim Peterson of TIGERCUB SOFTWARE (note the cute little tigercub he uses as a cursor). I am attempting to give you as many different style loaders as possible. They all have different qualities and capabilities. You can pick and choose whichever one you need for a specific disk of programs. !! REMEMBER!!! Some of these loaders ARE fairware! If you use them and like them please send the Authors their fees!

LOAD has one annoying feature. The Fctn/quit key is disabled so you either have to shut your console off or go into the program and delete the appropriate lines. I can not tell you what lines to remove as it is a FAIRWARE program and as such it has a copyright.



LOADSONG is a loader for five military marches for the Fourth of July. The songs are the Armed Forces theme songs and the "Stars and Stripes".

GIFLIST is a list of GIF pictures available for the TI from both Cactus Patch and the SW99ERS disk library.

OPA/ARC is a catalog of products available from OPA (Oasis Pensive Abacutors). The catalog is archived so you will need to unarc' it. CAUTION!! This list unarc's to about 300 sectors so make sure you have disk space available!!!! If you print the list make

sure you have plenty of paper. It prints out to 32 pages (depending on how your printer is set up).

REDISK is a FAST!!!! disk copier. It has two versions. One is for the TI disk controller and one is for the CorComp disk controller. The appropriate version MUST be used! It will format and copy (depending on the format you are using) a disk in under 30 seconds. It automatically reads the format from the "master" disk and transfers it to the copy disk. A VERY nice program. !!FAIRWARE!! A real bargain! \$10.00. Try it! It is TI's version of HYPERCOPY (Geneve) and a real steal at that price! This is an E/A option 5 program and as such it needs to be loaded from that type of loader! (Boot, Editor Assembler, Funnelweb, or TI Writer Utilities option or others).

TREASREPT is a D/V 80 file showing what was done with the group's finances for the first half of 1992. It's a compilation of income and expenses.



Sorry, no puzzle this month. Ran out of room so I will put two puzzles in next month's DOM (what a guy!).

DOMs are available FREE to SW99ers attending the membership meeting each month. If you are unable to attend the meeting, members may buy DOMs for \$1, either at a later meeting or by mail (no extra cost by mail). Non-members should send \$2 for each DOM requested.

Cassettes are prepared each month for members with "cassette only" systems. The COMs are FREE to "cassette only" members who attend the membership meeting each month or for \$1 as outlined above for DOMs.

## Treasurer's Report - 6/92

by Mike Doane

| Description       | Amounts   |
|-------------------|-----------|
| Balance 5/25/92   | \$1233.16 |
| Money in          |           |
| Memberships       | \$65.00   |
| Library Sales     | \$50.00   |
| Ribbons/Disks     | \$27.00   |
| Equipment Sales   | \$83.50   |
| Fairware Contrib. | \$10.00   |
| Misc.             | \$30.17   |
| SUBTOTAL          | \$1498.83 |

### Money Out

|                        |          |
|------------------------|----------|
| Replace Cactus Patch   |          |
| power supply           | \$100.00 |
| Newsletter and Postage | \$55.11  |
| A. McGovern (FAOM)     | \$40.00  |
| Cactus Patch Support   | \$40.00  |

Money Out Subtotal \$235.11

Working Balance 6/25/92 \$1263.72



## June SWP92's Minutes

Tuesday, June 2, 1992

1. Al Armstrong conducted the Question & Answer period.
  - Q. When using PRBase is it possible to put two different databases on the same disk?
    - A. Yes, and the procedure will be discussed in Les Neff's column in the July Newsletter.
    - Q. How does one go about obtaining a print-out of the files on a disk?
      - A. Disk Managers such as DM1000 will do that for you. Also, there are a number of short programs available that will print out Directory Listings.
  2. The Geneva meeting will be at the Rod Stallard home next Tuesday. The address is in the Newsletter, under Advanced Languages.
  3. Mike Doane has been corresponding with a number of the Shareware Authors. He received a letter from Ray Kazmer, which was read to the group (any letter from Ray is good for at least a five minute belly-laugh). Ray is planning to do a Halloween program. He asks us to take a vote on the major character. He proposed Woodstock or Garfield. Our members voted for Woodstock.
  4. The group members approved a motion to pay Jack Mathis \$100 to provide and install an IBM power supply in the Cactus Patch system.
  5. Ida McCargar reported on her trip to the Lima Fest. She was very impressed with the way Charles Good conducted the activities and the way all the group members participated in the entire affair.

Ed McCullough, Secretary

## July Fairware Author

by Mike Doane

This month's featured author is:

Charles Earl  
34 McLeod St.  
Ottawa, ONT  
Canada K2P 0Z5



Charles' best known (and appreciated I might also add) program is Telco. This is the best telecommunication package for the TI I have ever seen. We will be having a demonstration of Telco at the June meeting. I suggest you attend in order to see the talent and time that Charles has expended to give us this program.

For those of you who can not attend I will attempt to give you an overview of this package.

This package gives us an extremely versatile and powerful telecommunications environment. You load this program and you are at once in command of your own communications world. You can transfer files from any BBS you can contact. This is an extremely easy-to-use program. At first you might be daunted by the set up options but after you have your personalized program set up you will marvel at the small amount of time and effort spent.

You will have an auto-dial option for most often called numbers. If you can not get through to the number you are trying, hit the space bar and it will attempt the next number on your list. Do you have a hard time remembering which passwords or user numbers for each BBS? Set up your own "macro" files. Do you call some BBS's that use "ANSI" as opposed to "ASCII"? No problem here either! Simply set up the commands in the phone directory and this program does the selecting for you.

Downloading a file to disk and you can't remember what is on that disk? Select Catalog and Telco catalogs whichever disk you need!

This program and Author is fantastic!! If you have ever been interested in telecommunications networks but were not sure how to use one, try Telco.

Charles Earl has shown that he is an author of the first rank with this program. Let's let him know that we do appreciate him and his efforts. We need to keep this caliber of writers in our community. They need to know that we do care and support them. If we lose these authors we will truly be an "orphaned" computer. As long as we have authors like these we will continue to be alive and grow.

Even if you do not use Telco, you need to let these authors know that "Yes, the TI community appreciates you". How many programs have YOU written?



# NCTIS Update

by Tom Wills

The Lima TI Fair has come and gone, and with it an update to the proposed TI standards. Thanks to Don O'Neil I received a rather complete listing of the updated proposal. It is as follows:

## N.C.T.I.S. Report

### Lima Ohio Multi Users Group Conference

#### Members in attendance--

|               |                              |              |
|---------------|------------------------------|--------------|
| Don O'Neil    | Western Horizon Technologiss | 408-848-5947 |
| David Connery | Used TI Equipment            | 708-888-8120 |
| Vic Steerup   | Consumer                     |              |
| Beery Miller  | 9640 News                    | 901-368-1169 |
| Mike Maksimik | Crystal Software             | 708-891-2513 |
| Bud Mills     | Horizon                      | 419-385-5946 |
| Mark Walholtz | Media Ware Software          | 818-951-2718 |
| Ken Gilliland | Notung Software              | 818-951-2718 |
| Mike Sealy    | MS Express Software          | 614-282-5627 |

#### Purpose for NCTIS:

To formulate hardware and software standards for ease of development of new software for new and existing TI and Geneve computers.

#### Our Goals:

To develop universal software interfaces for existing and new hardware so that integration is easily obtained.

To write clear and concise documentation for said software so that even the first time TI user may accomplish his/her task.

#### Hardware standards decided:

LEVEL A: TI 99/4A CONSOLE, TV OR MONITOR, CASSETTE DECK AND CABLE

LEVEL B: LEVEL A PLUS: 32K MEMORY EXPANSION, EA/5 LOADER (XB, EA, SUPERCART, TI WRITER, MULTIPLAN, ETC...)

LEVEL C: LEVEL B PLUS: RS232, DOUBLE SIDED SINGLE DENSITY DISK DRIVE AND CONTROLLER (ALL CONTROLLERS DO DSSD)

LEVEL D: LEVEL C PLUS: 128K OR GREATER CPU RAM BANKABLE IN AT LEAST 8K SEGMENTS.

LEVEL E: LEVEL D PLUS: 9938/58 VDP WITH 128K VDP RAM (ANY 80 COLUMN CARD) OR A GENEVE

After careful consideration from input provided from users from across the nation, these 5 levels were decided on.

#### First project:

Write a universal DSR for memory access to all current extended memory cards (Myars/CorComp 128/256/512k, RAMBO, Geneve, RAWE, Etc...).

In order to accomplish this task, it is asked that everyone pool their knowledge together at the Chicago TI Fair in October 1992. At that faire, all information about the current RAM cards and how you believe they should be accessed by this "universal"

DSR should be given to NCTIS to assign a programmer to compile it into useable code. Once said DSR is written, commented, and documented, it will be released in the public domain for use by other programmers. If you or anybody you know has information on how to, or has already done so, access any current RAM card available, please contact NCTIS at the Chicago Faire or by contacting any of the above participants in the May meeting.

Many more users and programmers attended the East West NCTIS meeting and we greatly appreciate their support.

Our goal is not to leave out any potential new or current user of the TI computer but to make their expansion capabilities easier and broader. We hope that nobody takes this committee as an infringement on his or her own personal tastes, configuration and or needs. We are simply trying to keep the 99/4a and Geneve 9640 alive as long as possible.

If you remember the proposed standards as they appeared after Fest West, there is not much difference. The one major concession is the inclusion of a level for "console only" users. There are now five levels, from "A" through "E", instead of the four levels proposed at Fest West '92. Level "A" is now the console only users level.

For some people, this was a major omission from the standards. Well, now they are formally included in the updated standards. The remaining four levels are pretty much as they were in the original proposal.

One of the proposed goals is laudable. Getting software developers to write documentation that even a first time user can understand! How many times have we seen incomplete or poorly written documentation. I can't count the times. However, this will be a hard standard to maintain. "Why?" you ask. Let me tell you. For the person writing the documentation, he understands exactly what is supposed to happen to make each part of the program work. It is hard to put yourself in the shoes of the person who wouldn't understand. Another thing is that what is crystal clear to one person can be totally confusing to the next person. As a software developer (mostly on mainframe computers), I understand the difficulty of such a project.

The first project the NCTIS is embarking on is to develop a universal DSR for memory access to all current extended memory cards. Hopefully this project can be underway by the time of the Chicago TI Fair in October. The problem here is one that has been experienced by all Tiers at least once. You buy something, and it's a nogo because the DSR is handled differently than the cards in your system will handle. The end result of that is money down the proverbial drain. I wish those involved all the success in the world!

At the very beginning are the names of the persons in attendance at the Lima Ohio Multi Users Group Conference. I am pleased to see at least one consumer in attendance. As the consumer is the one who will be the most affected, there should have been more in attendance. I, however, do notice the absence of some names from this list that I had expected to see on it. Names like Gary Bowser of O.P.A. and Chris Bobbitt of Asgard Software. Both of these people were at the Lima fair, and with a

little effort could have been involved in the adoption of the preceding standards. GARY Bowser did attend the Fest West Vendor's Forum, so where was he this time? Chris Bobbitt was not present at Fest West, so naturally couldn't attend the Vendor's Forum. But, he was present in Lima! No excuse here.

O.P.A. is a new major hardware developer and Asgard Software is one of the major TI software developers & suppliers. The question that comes to my mind is "... are they planning to ignore the new proposed standards?" If so, this would be bad for all of us. If such proves to be the case, I feel these two parties will have a big hand in the early demise of our machines. Come on guys, let's get with it. After all, these standards are beneficial all Tiers, consumers and vendors alike, but even more so to consumers who up 'til now were taking chances every time we bought a product for the TI or Geneve.

As I have stated numerous times before, I feel it is to every Tiers benefit to support these standards. Let's all get behind the National Committee for TI Standards and support them 100%!!!

## Neff's Ramblings

by Les Nebb



Several times I've mentioned we will get to Code later. Well, this is later if anyone is still with me.

By now, if you've followed my suggestions, you are familiar with the indexing system. Each time you boot up PRB and a data disk, it will automatically index on the first field. In our example this is "Last Name". PRB calls it "Initializing Index". This is NOT the same as initializing a disk. At another point PRB refers to "Formatting" which is the same as initializing a disk. Confusing?

After booting up and indexing on the first field you may press "I" and put the cursor in any other field and press "Proceed" to index on that field. Don't forget to Sort when you have finished indexing.

The reason you have a field named "CODE" is so you can separate groups of names. Do not try to put two lists on one disk by leaving blank records between them. PRB cannot find the second group.

By using "CODE" you can, for instance, put 2,3 or 4 lists of 50 or more names on one data disk. The same format must be used for all lists. Coding can be accomplished in several ways. The "CODE" field on our disk has 4 characters. By using numerals it would be possible to code about anything you wish, much like the labels on your magazine subscriptions. They could show the date you subscribed, the date of last issue you have coming, etc. But we are going to use a very simple code:

- B= Business contacts
- F= Friends
- C= Christmas List

On each of your records use E "for Edit" to enter a B, F, or C in the code field. Enter more than one code if you wish, i.e. CF or CB. The order doesn't matter except if you index on "CODE" the letter in the first position will determine the order of the sort. But we are about to learn how to print out separate lists by coding.

First press "O" for "Options". This will give you the chance to change your data disk drive number, your printer or other output name, and then asks "Selective Index?"

At this point you have the choice of "N" and can continue indexing on one field, or "Y" in order to select two fields.

Let's say "Y". You will get a blank record and at the bottom of the screen you will see a zero on the left and on the right is the number of records used.

Next press "Proceed". The cursor is now flashing on "LAST NAME", the first field. Press "Proceed" again to establish Last Name as one of the fields you wish to use. (PLEASE NOTE: I used "Proceed" twice in this paragraph.)

Across the bottom of the screen you will now see "Enter String In Field". This is directing you to move the cursor to the "CODE" field, in this example, and to press "B". We are selecting business people only. You have now entered the string "B" in the second field. Press "Proceed".

Next press "S" for "Sort". The numbers on the left side of the screen are counting the number of B's you have; the numbers on the right count all the records.

This sounds like a long, involved process but is actually very easy after you have done it once.

By pressing "R" you have a choice of two report formats or "L" for "Label". You can now print an alphabetical list of your business contacts.

This is the end of the Data Management portion of PRB and by reading the docs for PRB you can expand considerably on what I have mentioned and accomplish many things with it. It is a GREAT program. Next I will touch briefly on other aspects of PRB.

Good Luck!

## Those Were The Days

by Tom Wiles



I was rummaging through some old magazines at work the other day, and found the following ad. The magazine was the July 1983 issue of Computers & Electronics (formerly Popular Electronics). There was an ad placed by J&R Music World which included TI computers. The ad was listed as "This Month's Super Specials!" I thought TI'ers would like a brief reminder of the costs of TI accessories only three months before the TI-99/4A was discontinued by Texas Instruments. The prices were:

|                                  |          |
|----------------------------------|----------|
| TI 99/4A .....                   | \$169.95 |
| Speech synthesizer (PHP1500) ... | \$114.95 |
| Telephone modem (PHP1600) .....  | \$168.95 |
| P.E. Box (PHP1200) .....         | \$179.95 |
| RS232 card (PHP1220) .....       | \$122.95 |
| Disk controller (PHP1850) .....  | \$359.95 |
| 32k memory card (PHP1260) .....  | \$219.95 |

Compare those prices with what we are paying today. Ah yes, those were the days?

# Feedforth July '92

by W. Leonard Tabbs

## PROBLEMS RUNNING A PROGRAM? (cont. from June)

### SOME POSSIBLE CAUSES: (continued)

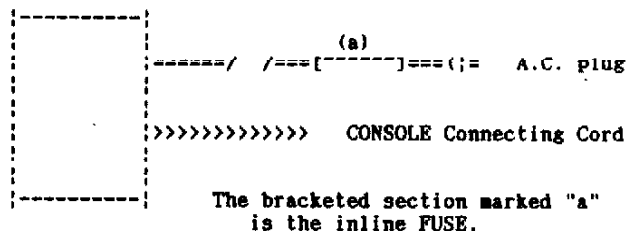
- 8) NAMES when loaded has a pending PRINTER OPEN FILE Command (Under this condition the program will appear to have "Locked Up"). Turn PRINTER ON to proceed.
- 9) NAME\$ is a program or file that is dependent upon a special MODULE being inserted in Console Cartridge Port. (This may be a game (requiring the ADVENTURE module) or Utility such as PERSONAL RECORD KEEPING module, etc., or it may require the MINI-MEMORY module, etc.)
- 10) NAMES program may have defective opening program line or it may have spurious errors scattered at random through the program. (LIST the program and see if you find weird spurious words or scrambled letters appearing as additional lines to your program (or replacing program lines). These will be garbled and obviously make no sense (such as #1E XOR 189). If your listing shows a line number @, don't try deleting this line. Instead, RE-SEQUENCE your program. Now whatever appeared as line @ should reappear with a valid number. You can then delete this line using its new number. If a line @ STILL EXISTS after Re-Sequencing, you probably cannot salvage this program. (Hope you had a back-up copy)!
- 11) NAMES has an error in a loop. Suspect any GOTO lines that GO TO their own line number. Or the end of one loop may be erroneously directed to another loop that keeps the program from proceeding. This will appear as a "Lock-Up" or in a blank screen.
- 12) NAME\$ is waiting for User Input but INPUT PROMPT is missing (possibly due to having a preceding PRINTER OPEN Command).

That's all I can think of at the moment. Perhaps readers will think of some important causes not included. Please let us know of any others.

**BAD TRANSFORMER? --DON'T THROW IT AWAY!** If you think your TI99/4A AC transformer has gone bad read this before you discard it. Like the TI99/4A console, the A C transformer (if slightly ugly in appearance) is built to last. In some 5 years of using them I have never had one go bad. (These can run pretty warm so be sure they are not covered with paraphernalia and placed where there is decent air circulation. The ultimate that can go wrong with a transformer is that one of its windings will "open" (develop a break in the wire of one of its coils). This is usually caused by a short circuit or overload in the computer console power supply. This is an extremely rare occurrence (testimony to how well the console and transformer are built.)

The obvious sign that there may be something wrong with the AC transformer/adaptor is the fact that the computer console will not respond when you turn it on. The TI model AC 9500 had two separate cords attached to it: one of these is the primary (the one with the plug for your wall A.C. outlet) and the secondary which plugs into the back of the console. Some of these model 9500 transformers had an additional link, approximately 34" long, inserted in the primary side wire. If you looked closely at this link (which was inserted at the wall outlet end of the cord) you will see it is essentially an added extension cord. Near the AC wall-plug end of this strip an approximately 1"x3" rectangular plastic case has been inserted (the one I am looking at happens to say "Power Supply No. 9500/2") this holds a fuse (unfortunately, no ratings for this fuse are visible. You'll have to use Ohm's law to calculate the rating for a replacement unless you know someone who has the circuit schematic for the TI-99/4A).

The joint where this "extension has been added has been heat-sealed. It is possible to take a sharp knife and gradually cut through this plastic so that the "extension" can be unplugged. Once this fuse "extension" has been unplugged you can use an ohmmeter to check the fuse. I have come across two of these (in yard sales) that had "gone bad". In both cases it was the fuse that had blown. When the transformers were used without the fuse, they worked fine. CAUTION: If you do not know what blew the fuse, best have an electronics friend measure the current being drawn when you use another transformer (or the same one with fuse removed). The fuse is there to protect your console power supply and your transformer. (I blew a second fuse when I failed to check a defective console--which apparently had a dead short in its power supply)!



**NEW YORK, NEW YORK!** There was a marvelous documentary on television recently, about the New York Public Library. Anyone who has ever been fortunate enough to enter this library and view its awesome collection, truly knows they have seen one of the GREAT WONDERS OF THE WORLD! If you ever visit New York City, this is an absolute triple PRIORITY MUST!! Now, it occurred to me, vast amounts of their reference material are on micro-film. Can anyone tell me if the computer world has found a way to convert this information to ASCII DV/80 files for computer use? Can a lowly SW99er get on-line thru some network to the New York Public Library? As I did not get to see the whole documentary, I don't know if it gave any information on private individual computer-user accessibility to their information.

# Southwest 99'ers Lending Library 1992

The following items are available for SW99ers to borrow from the SW99ers' Lending Library. Items are due one month after borrowing. Please contact Richard Baron(RB) 885-4812 or Dale Ussery(DU) 575-1398. Both Richard and Dale have answering machines. Please note the (RB) or (DU) after each item.

## C A S S E T T E S



- 24 Basic Programs w/ book (RB)
- 51 Fun and Educational Programs w/book (RB)
- Best of 99er on cassette
  - Tape No.1 (RB)
    - Side A: HOMEWORK HELPER, FRACTIONS (Basic), HARRIED HOUSEWIFE(B), HOMEWORK HELPER, DIVISION (B)
    - Side B: LET'S LEARN NOTES (B), COUNTING LESSONS (B), PRESCHOOL BLOCK LETTERS(B)
  - Tape No.2 (RB/DU)
    - Side A: MYSTERY WORDS (B), NAME THAT BONE (B), MUSIC TEXT EDITOR (B), MUSIC FILE PLAYER (B) PLAYER (Basic)
    - Side B: TYPING FOR ACCURACY (B), CIVIL ENGINEERING FUNDAMENTALS (B), OVERLAND FLOW(B)
  - Tape No.3 (RB/DU)
    - Side A: SAN FRANCISCO TOURIST (B), MAZE RACE (B), SPACE WAR(B), SPACE PATROL(XB)
    - Side B: COUNTY FAIR DERBY (B), CHUCK-A-LUCK(B), N-VADER (XB), DOGFIGHT (XB)
  - Tape No.4 (RB)
    - Side A: BATTLE AT SEA(B), BATTLE STAR (XB), TEX-THELLO (B), SPRITE CHASE (XB)
    - Side B: INTERPLANETARY RESCUE (XB), DODGE'EM (XB), ANTI-AIRCRAFT GUN (B), FORCE 1 (XB)
  - Tape No.5 (RB/DU)
    - Side A: SPRITER (XB), VERBOSE (XB), HOME SECRETARY (B), BARTENDER (B)
    - Side B: RULE OF 78 (B), INTERACTIVE FORMS GENERATOR (B), CLOROPLETH MAP (B), MINI-MEMORY SCREEN DUMP (Assembly)
- Graphing Package: (RB)
  - PLOTTING, CURVE FITTING, XYZ PLOT
- HCN on Tape V.4.1 (RB)
  - Side A: MELTDOWN (XB), SLOTS (B), FLAK ATTACK(B) MUSIC ASSEMBLER (Basic/Mini-Memory)
  - Side B: LARRY'S TEN FIDDLE TUNES (B), MUSIC MAGIC (XB), TOWER OF HANOI (B), APOLLO(LOGO)
- HCN on Tape V.5.3 (RB)
  - Side A: BUDGETRON (B/XB), GEOMETRIX (B/XB), OVER-REACTION (B/XB)
  - Side B: TORPEDO ALLEY (XB), RAZZLE DAZZLE (XB), TI TECH NOTE (XB), ACHILLES AND THE TURTLE RACE1 (LOGO), ACHILLES AND THE TURTLE-RACE2 (LOGO)
- OLDIES BUT GOODIES GAMES II (RB)
  - 3-D TIC TAC TOE, PEGJUMP, HAMMURABI, WORD SAFARI, HIDDEN PAIRS,
- Teach Yourself Basic w/Book (RB)
  - Tape 1 - Chapter 1-5
  - Tape 2 - Chapter 6-10
- TI 99/4A Calc w/book (RB)
- TI 99/4A Games w/book (RB)
- Tunnels of Doom (RB)
  - (PENNIES & PRIZES/QUEST OF THE KING)

## D I S K S

- Beginner's Basic Tutor (w/book (RB)
- Home Publishing on the TI-99/4a w/disk (DU)
- Home Publishing Supplements #1 & #2 (DU)
- Programming Aids II (w/book) (RB)
- DSKSORT, DUMP, MERGE, RAMSORT
- Teach Yourself Basic (w/book) (RB)



## M O D U L E S

- Beginning Grammar (RB)
- Editor/Assembler (w/book & 2 disks) (RB)
- Equations (RB)
- Household Budget Management (RB)
- Home Financial Decisions (RB)
- Music Maker (no book) (RB)
- Personal Record Keeping (DU)
- Plato Interpreter (w/2 disks) (RB)
- Super Extended Basic (w/book) (RB)
- Tax/Investment Record Keeping (RD)
- TI LOGO II (RB)
- TI Multiplan (RB)
- TI Writer Word Processor (DU)

## B I N D E R S

- 99'er Magazine (assorted articles) (DU)
- Assembly Language Tutorials (RB)
- Chicago Users Group (RB)
  - (Reprints of modifications for TI)
- Control Data Flexible Disk Drive Manual (RB)
- GRAM Kracker Hints (RB)
- Home Computer Awareness Program (RB)
  - (Instructor's Guide)
- Home Computer Awareness Program (RB)
  - Adults Level 1 (Instructor's Guide)
- Let's Talk RAMdisks (RB)
- Schematics (binder) (RB)
- Schematics (loose) (RB)
- Shugart Manual (black) (RB)
- Southwest 99'ers Best Newsletter 1983-1988 (RB)
- The Innermost Secrets of the TI 99/4A (RB)
- The Smart Programmer (Vol.2) (RB)
- TI-99/4A Basic (Quick Reference Guide) (RB)
- TI-99/4A Printer Manual (RB)
- TI Compute! (articles/programs)(red binder) (RB)
- TI Compute! (articles/programs)(white binder) (RB)
- TI Compute! (articles/programs)(black binder) (RB)
- TI Compute! (articles/programs) (DU)
- TI FORTH (RB)
- TI Technical Data (RB)
- TI Writer Tips and Tricks (RB)
- TPA Tutorial (RB)

## E N V E L O P E S

- Bit Map Mode on the TI-99/4A (RB)
- Lucas' Puzzle (program) (RB)
- Schematics (loose) (RB)
- Technical Data (RB)
- TI-99/4A Console Technical Data (RB)
- Universal Number Converter (program) (RB)



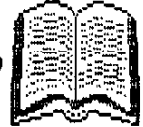
## BOOKS



36 Texas Instruments TI-99/4A Programs  
for Home, School & Office (RB)  
51 Fun & Educational Programs (RB)  
101 Programming Tips & Tricks (RB)  
BASIC: A Simplified Structured Approach (RB)  
Basic Fun (RB)  
Basic Programming for Adults (TI) (RB)  
Beginner's Basic (blue book) (RD)  
Beginning FORTH (RB)  
Compute's Guide to Assembly Language (RB)  
Compute's Guide to TI-99/4A Sound & Graphics (RB)  
Compute's Programmer's Reference (RB)  
Compute's TI Collection Vol.1 (RB)  
Compute's TI Collection Vol.2 (RB)  
Computer Awareness Program (Children) (RB)  
Computer Awareness Program (Adults) (RB)  
Computer Playground (RB)  
Computer Trader Magazine (1/85) (RB)  
Data & File Management for the TI-99/4A (RB)  
DELPHI Handbook (RB)  
Easy-to-Understand Guide to Home Computers (RB)  
FORTH Dimensions Vol.6 No.1-4 (red binder) (RB)  
FORTH Dimensions Vol.8 No.5 (BLACK BINDER) (RB)  
FORTH to You, Too! (RB)  
Fundamentals of TI-99/4A Assembly Language  
(Morley) (RB/DU)  
Get Personal With Your TI-99 (RB)  
Guide to Extended Basic Home Applications (DU)  
Hardware Manual for the TI 99/4A Home  
Computer (RB)  
How to Build Your Own Working 16 BIT  
Microcomputer (RB)  
How to Feet at Home with a Home Computer (RB)  
How to Use TI-99/4A (DU)  
Introduction to Assembly Language for the  
TI Home Computer (Molesworth) (RB)  
Introduction to Graphics for the TI-99/4A (RB)  
Introduction to TI Basic (RB)  
Kids & the TI-99/4A (RB)  
Learning Forth (DU)  
Learning TI 99/4A Home Computer Assembly Language  
Programming (RB)  
Programmers Guide to Best of 99'er (DU)  
Programming Basic with the TI Home Computer (RB)  
Programming Discovery in TI Basic (RB)  
Programming Discovery in TI LOGO (RB)  
Programs for the TI Home Computer (RB)  
Software Development (Texas Instruments) (RB)  
Smart Programming Guide to Sprites (DU)  
Speed Walker Fun to Program Your TI-99 Series (RB)  
Starting FORTH (RB)  
Technical Data (RB)  
Terrific Games for the TI-99/4A (RB)  
TexNet User's Manual (RB)  
The Best of 99'er Vol.1 (RB)  
The Best Texas Instruments Software (RB)  
The Complete FORTH (RB)  
The Last Whole 99 (DU)  
The Last Word on the TI-99/4A (RB)  
The Orphan Chronicles (RB)  
The Source (1983) (RB)  
The Source Manual (RB)  
The TI-99/4A User's Guide (RB)  
The User's Guide to Texas Instruments (RB)  
Things to Do with Your TI-99/4A Computer (RB)  
TI Basic Computer Programs for the Home (RB)  
TI Computer Program Workbook (DU)  
TI Console and PE Box Tech Data (DU)  
TI FORTH (RB)  
TI Users Encyclopedia (DU)  
TI User's Guide (DU)  
TI-99/4A Basic Reference Manual (RB)  
TI-99/4A Intern (RB)  
Tool Kit Series (DU)  
User's Reference Guide (RB)  
Using & Programming the TI-99/4A (RB)  
What Every Programmer Should Know (RB)

## MAGAZINES

99'er Magazine - Issue 1.6 (RB)  
11 & 12/82; 2 thru 11/83 (RB)  
Asgard News - V.1,#2 thru #4; V.2,#3 (RB)  
Compute! - 5/86 (RB)  
Home Computer Magazine  
5/83; 6/83; 8/84; (RB)  
Issue 4.1 thru 5.6 (RB)  
Issue 4.1 thru 5.6 (DU)  
Home Computing Journal - Vol.1 (RB)  
MICROpendium - 10/84 - 4/91; 6/91 - 3/92; (RB)  
5/92 - 6/92 (RB)  
Mini-Mag 99 - 4/85 (RB)  
National 99er) - 10/84 - 6/85; 8/85 - 5/86 (RB)



## VIDEO TAPES

### BETA

1985 TI FAIRE



### VHS

1985 TI FAIR3 (RB)  
1988 TI XPO (Las Vegas) (RB)  
1989 TI MULTI USER GROUP CONFERENCE (RB)  
(Lima,OH) 2 tapes  
1990 TAPE #1/Rm #1 (FESTWEST) (RB)  
Don Shoreck, "REGENA" Cheryl Whitclaw,  
Rodger Merritt, John McDevitt (Pt 1)  
1990 TAPE #2/Rm #1 (FESTWEST) (RB)  
John McDevitt (Pt 2), Barry Boone,  
Barry Traver, Ken Hanai  
1990 TAPE #3/Rm #1 (FESTWEST) (RB)  
John McDevitt  
1990 TAPE #4/Rm #1 (FESTWEST) (RB)  
(All Sessions)  
1990 TAPE #1/Rm #2 (FESTWEST) (RB)  
Beery Miller (poor audio), Bud Miis  
1990 TAPE #2/Rm #2 (FESTWEST) (RB)  
Tom Freeman, J. Peter Hoddie, Chris Bobbitt  
1990 TAPE #3/Rm #2 (FESTWEST) (RB)  
Beery Miller, Rich Hurlbut  
1990 TAPE #4/Rm #2 (FESTWEST) (RB)  
J. Peter Hoddie, Convention Hall (vendors  
& booth scenes/raffle) (Audio for Beery  
Miller on Tape #5/Rm #2)  
1990 TAPE #5/Rm #2 (FESTWEST) (RB)  
(All Sessions)

## The Altman Fairware List

The 1992 release of the Altman Fairware List is now available on disk or pre-printed. The new list contains over 400 fairware titles and several indexes. The preprinted copy is contains 35 pages. The List is available from the SouthWest Ninety-Niners for \$2 in either form. Please send your request to:

SouthWest Ninety-Niners  
PO Box 17831  
Tucson, AZ 85711

Announcements of new fairware maybe sent to the above address. Please include a short description of the program(s) and the author's address. The information provided will be added to The Altman Fairware List and be made available to other TI/9640 users.



## Else 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 compatibility with the TI-99/4A computer. Only computer related items will be accepted for publication in this newsletter.



Entec external power supply box. Has enough power for a hard disk and two full power floppies. Light toggle switches on front to control 3 outlets on the back of the box. Asking \$50.

\$100 Star Micronics NX-1001 Printer New 9/91 - w/extra ribbons


Tom Wills (602)886-2460 or #1 on CP

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\$100 o.b.o. PEB w/TI Controller SSSD drive (no other cards)

Ida McCargar (602)294-3024

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\*I  My TI\* White Hats  
Black Letters  
Red Heart  
\$5 Mesh Style  
\$6 Golf Style  
plus \$1 shipping

\$35 Stand Alone Disk Drive & Case  
\$2 300 BAUD Modem w/cable & power  
\$4 Replacement keyboards  
\$4 Replacement Console Power Supplies  
\$5 TI to Atari Joystick Adapter(single)  
\$4 Printer Stand (Plastic Coated Metal)  
\$15 Cartridge Expander (Widget)

Jack or BJ Mathis (602)747-5046

\$100 Expansion Box w/SSSD Drive  
TI Disk Controller, Memory & RS232

500/\$1 Mailing Labels  
Tractor feed l-across

50/\$1 Disk Labels

TI Keyboard Overlays \$3ea or 5/\$10  
Printer Cables 4'=\$8 6'=\$10 10'=\$12  
Modem Cables 6'=\$8 (Telco ready)

Printer Ribbons  
\$3 NX-10 \$4 NX-2400  
\$2 Epson MX-80 \$3.50 NX-1000

Diskettes  
10/\$3 or 25/\$7 (SW99ers only)  
(overlabeled)

Cartridges  
\$1 Car Wars  
\$1 Home Financial Decisions  
\$1 Household Budget Management  
\$1 Munch Man  
\$1 Personal Real Estate  
\$1 Personal Record Keeping  
\$1 Tax Investment Record Keeping

Jack or BJ Mathis (602)747-5046

Cassettes  
\$3 Cassette Cable  
\$1 Teach Yourself Basic  
\$1 Teach Yourself Extended Basic

Books  
\$1 36 TI-99/4A Programs for Home, School, & Office  
\$1 Basic Computer Games  
\$3 Beginner's BASIC (Blue Book)  
\$5 Compute's Programmer's Reference Guide to the TI-99/4A  
\$2 Computer Playground  
\$1 Computers for Everybody  
\$1 Editor Assembler TI Manual (new)  
\$10.50 Home Publishing on the TI-99/4A Supplement #3 w/disk  
\$2 Kids & the TI-99/4A  
\$2 Programs for the TI Home Computer  
\$1 Sams TI-99/4A Basic Programs  
\$3 The Writers by Harry Brashear  
\$3.25 User's Reference Guide  
\$2 Using & Programming the TI-99/4A

Home Computer/99er Magazines  
\$1 each or 6 for \$5  
Aug '83 thru Nov '83  
Vol 4, #1 thru Vol 5, #6

Jack or BJ Mathis (602)747-5046



## Newsletter Briefs

by David Ormand



The following is a list of the June newsletters from other groups, and a brief of their contents. This is only a selection of the current newsletters, since we are just starting this service. It doesn't begin to address the wealth of information contained in newsletters our group has received in the past!

The Suncoast Beeper (May & June 92): IBM stuff: DOS tips, Stoned virus, modem speed limit, Windows info, batch files; general computer interest articles (hereafter noted as GCI).

Erie 99er NL: GCI, "Channel One" (public school experiment), BASIC tips, XB program "Patterns".

UGOC "ROM" NL: Clearing House BBS, Part I Fractal theory (not too technical), XB info on "ON ERROR", modem transmission (technical).

CPUG NL: Review of Lima fair.

The Computer Voice: TI Writer tips, strong law of small numbers (very mathematical)

BUG News: Pile types reference, binary transmission (technical), underlining with TI Impact Printer, XB program "Household Inventory", XB program "Bonus".

Wordplay: Comments on TI Standards, Funnelweb tip, Part 4 Programs That Write Programs (B, XB), Multiplan printer control (condensed print), How to use Archiver III.

The two I liked best were the BASIC tips in the Erie NL and the TI Writer tips in The Computer Voice. The BASIC tips included neat ways to use comparisons (<, >, =) in calculations by taking advantage of the fact that a TRUE statement (such as B>1 if B=2, say) is equal to -1, and a FALSE statement is equal to zero. The same goes for doing AND and OR multiple tests in a single IF statement (add comparisons for OR, multiply them for AND). The TI Writer tips had some things I don't use often enough to remember, such as breaking a paragraph in the middle, and ending it with a CR by using control-8. Sure, it's there on the reference card or in the book, but it's nice to be reminded of such things in print!



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 PHONE 602-624-7260  
 FAX 602-624-7138

**Cords Cables Drives**  
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Parallel Printer Cords  
 6 Foot \$10.00  
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TRADE YOUR OLD COM'64 FOR A NEW C.P.U  
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**OVER \$1 MILLION IN SOFTWARE**  
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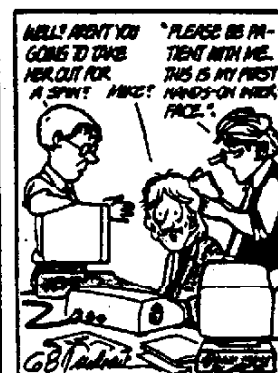
**ALL NEW ●IBM ●MAC ●APPLE**

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### Members Meet

First Tuesday, July 7th, Devon Gables Health Care Center (Exec Dining Rm) at 6150 E. Grant across from the Price Club at 7:15pm. Once again we will try to demonstrate Telco and Cactus Patch. Jack and Tom are trying to overcome the difficulties we had with the hard drive. If this demo does not work, again. Mike Doane will demonstrate a utility that allows some programs to be compressed and run, saving room on many of your disks.

### Exec Meeting

Second Thursday of each month, July 9th at 6:30pm, Johnies Restaurant, on 22nd east of Alvernon. All SW99ers are invited to help with planning for our Users Group.

### Geneve Users

Second Tuesday of each month, July 14th, - 7:00pm. - Tom Wills' home - 6925 E Kingston Dr - 886-2460.

### General Users

Third Tuesday of each month, July 21st, - 7:30p.m. - Mathis' home - 5941 E 26th - 747-5046.

### TI-Base Workshop

Fourth Thursday of each month, July 23rd - 7:00pm. - Tom Wills 6925 E Kingston Dr. - 886-2460.

### Advanced Languages

Fourth Tuesday of each month, July 28th - 7:00p.m. - Rod Stallard's home - 7575 E Logan Dr - 745-6071.

### Membership Report



Summer seems to be affecting attendance as only twenty members signed in at the SouthWest Ninety-Niners June meeting. Membership renewals included Les Neff, Martin Abrams, Leonard Taffs, and David Wolfson. We are pleased to welcome Tim Abeln, phone 290-6753, zip code 85710, a new SW99er. Tim has an original TI expansion system, he is looking for a TI-99/4A monitor. If you have one for sale, please let him know. SW99ers now has 53 members. We will mail 54 newsletters to other groups this month.

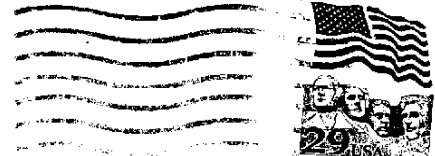
### August Newsletter Deadline

July 24th, 1992

SouthWest Ninety-Niners/Jul '92



SouthWest Ninety-Niners  
PO Box 17831  
Tucson, AZ 85730



Dallas TI HC Group 9206  
Dallas 99 Interface  
PO Box 29863  
Dallas TX  
75229