

# CLEVELAND AREA TI-994/A USER GROUPS NEWSLETTER APRIL, 1990

OFFICERS	NORTHCOAST	TI-CHIPS	MEETING DATES
CO-PRESIDENT	STEVE BAGSTED 1-933-5977	MATT ANDEL 676-9759	NORTHCOAST 1:30 P.M. TI-CHIPS 10 A.M.
CO-PRESIDENT	BOB KAGY 1-255-2609	GLENN BERNASEK 238-6335	EUCLIDIAN ROOM N.ROYALTON LIBRARY
TREASURER	FRANK JENKINS 283-8526	LIN SHAW 235-3912	EUCLID SQUARE MALL STATE RD & RT 82
MEMBERSHIP	CHUCK POULIN 731-6473 361 E. 280TH ST. EUCLID, OH 44132	JOHN PARKEN 331-2830 4172 W. 217TH ST. FAIRVIEW PARK, OH 44126	THIRD SATURDAY THIRD SATURDAY FEBRUARY 17, 1990 MARCH 17, 1990 APRIL 21, 1990 MAY 19, 1990 JUNE 16, 1990 JULY 21, 1990
SECRETARY	CHUCK POULIN 731-6473	DENNIS LIKENS 842-9627	
LIBRARY(DISK)	MARTIN SMOLEY 1-257-1661	HARRY HOFFMAN 631-2354	
TAPE & MODS)	TOM NELLIS 475-4067	JOHN PARKEN 331-2830	
HARD COPY)	DICK ALDEN 1-352-9172		

Did you see that our own Glenn Bernasek had a nice review of his Shortsheet program in last month's Micropendium? Nice to see that someone local gets some national press.

Steve Bagstad's article brings to your attention that the April issue of Computer Buyer's Guide is on the stands with an article by Barry Traver. I also picked up this magazine and feel it is worth the money. It is much smaller than Computer Shopper, but carries ads by most of the companies that handle diskettes, ribbons, printers, etc. that we can use. They also have the user group listing which Computer Shopper did not have last month (but has reappeared this month).

The PUG Peripheral reported that CorComp is no longer in business and has been taken over by a new company which still manufactures and repairs CorComp items. For in or out of warranty service, call 714-956-4550 to obtain an RAM (Return Material Authorization number). Your RMA, when received, comes with instructions as to what to do. You must prepay, and as of 2/2/90, the price was \$50 for each individual item, except the PIO PLUS and IBM Connection which were \$20.

The new company is:

International Diversified Technologies, Inc.  
2211-G East Winston Road  
Anaheim, CA 92806  
714-635-1815

Telex 9102400820, answer Back :IDT UQ

Some NorthCoast members asked that I mention again the place where you can get RIBBON RENEW as a cheap alternative to re-inking or replacing ribbons: It is V-TECH, INC., 2223 Rebecca, Hatfield, PA 19440. A bottle is \$5.00 postpaid and should last the average user a year or two.

It's time to think about going to Lima for the Multi-Users' Conference. Glenn Bernasek has already reserved three tables for the two groups. So far 14 user groups have requested tables, as well as GENIAL COMPUTERWARE (Barry Traver and his Genial Traveler magazine on disk); P&A SOFTWARE, Paul Scheidemantle, who specializes in graphics for PagePro and TI Artist; HARRISON SOFTWARE, who has disks of classical music written in assembly, and The Harrison Word Processor; DISK ONLY SOFTWARE, representing MYARC and the Geneve; ASGARD, expected to have a MIDI interface and TI

MOUSE; BUD MILLS SERVICES, the Horizon Ram Disk, P/Gram cards, and MEMEX for the Geneve; OASIS PENSIVE ABACUTORS, RAMBO for the HRD, and "review module library" multiple cartridge expansion; L.L. CONNER ENTERPRISES, general hardware and software dealer; RAMCHARGED COMPUTERS, our own Ron Markus; GREAT LAKES SOFTWARE, and COMPRODINE, sold through the Kawathia 99ers this year.

Formal presentations will run from 8:30 a.m. through 6:30 p.m. simultaneously in to separate rooms, using 1 hour time blocks with staggered half hour starting intervals. This is approximately 15 hours of presentation time. These include: Barry Traver, topics to be announced; Paul Scheidemantle, demo of Page Pro 1.5, Page Pro fonts and Page Pro Utilities; Andy Frueh, Home filer 2.2 and other original software; Bruce Harrison on the secrets of programming classical music in assembly; Jim Horn on "How to give away computers"; Chris Bobbitt of Asgard, demoing TI MOUSE and the MIDI interface, an assembly language spell checker and other goodies; Bud Mills on the latest hot hardware; Gary Bowser on new hardware and software projects; Irwin Hott, "Programming hints for using Speech with the TI"; Bill Hudson on Pre-Scan; Great Lakes Software with new software and Gary Taylor demoing TI's Compact Computer 40, HEX BUS peripherals and Mechatronics' HEX BUS disk drive.

I think I forgot to mention that best of all the meeting is May 26, the 4th Saturday, and will not conflict with our regular meeting dates as in the past.

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The March TI-CHIPS meeting was called to order at 10:15 a.m. by President Matt Andel. The minutes from Feb's meeting were read and approved. There were around 30+ people attending the meeting with a couple of visitors from the North Coast club so thanks for stopping in.

Lin Shaw gave his treasurer's report. TI-CHIPS stands at \$609.39. We had spent \$203.25 for a new printer, and \$46.97 on the news letter. Took in \$33.46 for membership, raffle, interest and module rental.

John Parken reported we have 53 members at present. If your membership is up for renewal, now's the time to advise John your plans. He reported 11 memberships are to expire in APRIL and 4 in MAY. Remember folks, the TI 99 has been surviving on our contribution and not by the hand of a large company so without our continued involvement, these powerful little machines will just vanish like everyone thought they would years ago so if your membership is to expire, we hope you stay with us. John reported still have 87 modules, now's the time to TRY before you BUY. \$3.00 deposit, \$1.00 per month rental.

Harry Hoffman reported that we now have the latest version of TIPS, (ver 1.5) in the clubs library, also over 2000! pictures for this system. Also THE MISSING LINK is in now in the library. This program is in demo form and can be used to access parts of the TI 99 for graphics that no one imagined possible.

VP Glenn Bernasek demonstrated the clubs new KX-1180 printer. It's features are those of a very costly machine but price being under \$200.00, it's more than a bargain, it's a steal. I'm sure it will come in very handy. Also the opportunity was taken to present our previous secretary Mary Phillips, a Certificate of Appreciation and a letter of thanks for doing such a fantastic job of keeping the clubs minutes during the past 3 years.

PRES Matt Andel showed used just how handy. He demonstrated the latest version of TIPS (VER 1.5). This new program will do cards, banners, large pictures and mailing labels. He printed out some pictures during his demonstration. The new version is faster and flexible. The program and printer go together like bread and butter.

Les Kee demonstrated a program he wrote to remove ARRAYS and gives screen control. For those who work on XB programs or modify them for personnel use, this program would be a nice addition to your programmers tool chest.

Mark McCauley did a good job in explaining who a disk is formatted and sectors used. He also explained how to save a blown disk. He used ADVANCED DIAGNOSTICS by Miller Graphics, a good program to have around. This was a very useful lecture and gave more understanding on the TI'S DOS.

Well talk about a lucky Mary, not only was she presented with a nice thanks from the club, she also won the raffle. Well in closing, we had a good meeting. Lots of topics were covered at the March meeting so don't miss out the April's. Hope to see you there.

Respectfully submitted,

Dennis Likens

The March 17 meeting was attended by about 25 people. Marty had a two page library update dated March 16 at his sign-in table. I believe that it's additions to the freeware/shareware lists, with disks numbered from 2263 to 2292; included are many graphics files and a variety of other programs and utilities. I haven't seen any of them personally. Items of interest at the meeting included:

- review of last meeting notes, including mention of use of the Cleveland Free-Net BBS, 366-3888? "Try it, you'll like it!"

- minor revision/addition in our club listing: my phone # is really 933-5977, and Bob Kagy's is 255-2609. I'm long distance from Cleveland, and think Bob is also.

- the Lima Faire will be May 26, the Saturday after our regular meeting. 3 tables are reserved for our Cleveland groups, so if anyone definitely wants to attend, please let me know.

- we discussed and OK'd ordering of a 2-hour videotape by Lima of configuring FUNNELWEB; 19 people signed up expressing interest in viewing it once available.

- also discussed using a printer ribbon re-inker as a possible club service that could be done during meetings. I will bring one to the next meeting to try out the idea. Any club member wishing to have a ribbon re-inked should bring it along.

- idea for a future meeting to show use of modems- will plan for May or June meeting.

- finally, a new VERY SMALL catalog was received from Tenex (800)776-6781. Looks as if they are winding down their TI line.

We then proceeded into the demo of the GENEVE system by yours truly, with some audience assistance. I'd be interested in hearing from someone with a relatively new GENEVE, as I'd suspect that many of the problems with getting one of these systems running are now history?? The demo seemed to go well; perhaps we could try it again in a few months using Bill Johnson's more "loaded" system to illustrate what can be done using RAM/hard disks to extend the "primitive" Geneve system I demonstrated. One of the big things I tried to illustrate was the much faster operating speed of the system, but the Club system was not on hand for a more obvious side by side comparison.

For the upcoming meeting, Bob Kagy will demonstrate his hard disk system using the Myarc HFDC. I think this will conclude the series we seem to have been running on major hardware upgrades, at least for now. After this demo, we'll try to put together the approximate cost of each of the things looked at and some other possible changes you may wish to consider in your pursuit of most effective use of your TI system. See you on April 21 at 1:30!!

STEVE



This is just a mishmash of topics I felt might be of general information for TI users. So, here goes...

We have received a demo disk of a series of programs called "The Missing Link" from Texaments, which calls itself "the ultimate Extended Basic Upgrade". I viewed the demo recently, and I was pretty much awed. If you do any XB programming, this sure looks like a must-have to me. I will try to bring some copies of the demo to our meeting, as it does take a while to run through it all. Maybe we can take a look at it before the main demo, as I think it is potentially VERY significant.

Next, I know we have a number of people that are pretty upset with Computer Shopper's decision to drop coverage of "classic computers" (that includes us!); while browsing the Euclid Square Mall bookstore, I came across and purchased an interesting magazine called Vulcan's COMPUTER BUYER'S GUIDE, a similar but much smaller monthly that indeed DOES HAVE a TI column by Barry Traver. It also had some pretty decent user group listings that included Chips but not North Coast, which prompted me to immediately send in a postcard to correct that (their policy says they need an update at least quarterly to keep a group in their listings). From what I see, I'd like to encourage anyone in the TI community that subscribes to the former to immediately CANCEL their subscription, explaining why if you so choose; and apply the proceeds to the latter instead. Although not as large, it seems to have a good variety of general articles and plenty of ads for anyone interested in that. Subscriptions are \$12/12 issues or \$19 for 24; phone is 800-824-0676. If you decide to subscribe, you might mention your interest in their TI coverage; it won't hurt!

Mail order shopping notes from another recent publication:

TIPS WHEN ORDERING BY MAIL: State precisely what merchandise you want, specifying details such as model, make, size, component parts, etc. Confirm the price and expected delivery date as stated in the ad. Indicate whether you will accept a substitute product if the item you ordered is unavailable, and, if not, that your payment should be returned. Don't send cash. Keep a copy of your order and all other correspondence with the Seller. Your records should include the company's name, address, and phone number; a description of the item ordered; your cancelled check or a copy of the money order; record of the date you mailed the order; and any sales slips and shipping receipts. (MORE NEXT MONTH)

Steve

TIPS VI.5

Comments by Deanna Sheridan

NorthCoast 99ers - Cleveland, Ohio

We barely added Tips VI.4 to the library this past month when VI.5 appeared on my doorstep. It is very hard to keep up with Ron Wolcott. Does he ever sleep?

Each new version brings along with it some added speed and thus makes the program much more enjoyable to work with. Briefly, VI.5 has the following improvements:

1. COLOR capability for those with printers that use esc-r-# to control ribbon color. The NX1000 Rainbow and Epson JX80 appear to use this. (It also works very well on my XR1000 with a color kit.) Two colors can be specified, one for printing the verse on the VERSE on the INSIDE of the CARD and printing of non-graphics on LABEL. (At our graphics sig the other evening we successfully printed two-color labels and cards. Also, by fooling the program a little, you can print the SIGM in several colors by going to the select color part prior to selecting graphic or text for the sign.)

2. Almost all printing has been speeded up by finding XB PAB for the printer and sending graphics print line directly from assembler routines.

3. Elimination of the two processing files TIPSTAB1 and TIPSTAB2 as all processing is in assembler routines.

4. A faster VIEW routine that is somewhat more clear as an image, but is wider. (This routine is almost instantaneous.)

5. Faster IXART and ZXART conversions using assembler routines that also use XB PAB for output.

6. THE LABEL routine has been improved by asking how many labels you want to print AFTER printing the prior group to ease line-up processing and loops.

There is still no feature to save your card, sign, label for future use, or multiple copies in the case of cards or signs, or is there?

As stated by me many times, don't forget that anything you can print on your printer, you can print to disk. The very first line of code in TIPS is the variable for the printer setup. Change "PIO" to DSKx.FILENAME and save the program back to disk. The card or sign will print to disk and you can then print it with a small extended basic LINPUT program. Depending on the amount of data on your card, this file can be quite large. In the test CARD I created, the file was 68 sectors.

In case you haven't seen the little XB program to print files, I'll repeat it here. Check your file to see what length the records are, and change line 110 to match. With TIPS you have a D/V 250 file. With Print Wizard (where I also use this, the file is a D/V 128).

```
90 INPUT F$ (The name you gave your file)
100 !
110 OPEN #1:F$, INPUT, VARIABLE 250
120 OPEN #2: "PIO.CR", OUTPUT
130 IF EOF(1) THEN 150
140 LINPUT #1:AS :: PRINT #2:AS :: GOTO 130      150
END
```

You could also insert a loop to print multiple copies through the program.

Again, we appreciate Ron Wolcott's contribution.



1 NM N 004 00  
 2 LINE C 076

000 1 RENEW 00009/00011eof

I am reserving the copyright on this material, but I will allow the copying of this material by anyone under the following conditions. (1) It must be copied in its entirety with no changes. (2) If it is retyped, credit must be given to myself and the NorthCoast 99ers, as above. (3) The last major condition is that there may not be any profit directly involved in the copying or transfer of this material. In other words, Clubs can use it in their newsletters and you can give a copy to your friend as long as its free.

REC NM LINE

0000 10 We at the NorthCoast 99'ers User Group are sorry to see  
 0001 20 that your membership in our group is about to expire. We  
 0002 30 hope that this is an oversight on your part and that you  
 0003 40 merely forgot to send in your fifteen dollars. As a group  
 0004 50 we expect to have another great year and hoped that you  
 0005 60 would remain a member and join in the activities. Please  
 0006 70 stay with us and send in your fifteen dollar membership  
 0007 80 renewal as soon as possible.

Your friends,  
 The NorthCoast 99'ers.

0010 85  
 0008 90  
 0009 100

\* ~~~~~

\* RENEW/C

CLOSE ALL  
 SET TALK OFF  
 CLEAR  
 SET RECNUM OFF  
 SET HEADING OFF  
 SET PAGE=000  
 LOCAL TEMP C 40  
 LOCAL COD C 5  
 WRITE 8,4,"Prints Labels to RS232 and"  
 WRITE 10,4,"Prints RENEW letter to PIO."  
 WRITE 12,4,"Set Printers + press ENTER"  
 WRITE 19,4,"Print dates prior to: YY/MM"  
 WRITE 21,4,"Example date is: 90/01"  
 WRITE 23,4,"Enter your date:"  
 READSTRING 23,21,COD  
 CLEAR

\* ~~~~~

This month I'm going to show you how TI-Base can produce moderately personalized letters and mailing labels with little or no effort. It is the reverse version of Tutorial 13.1.1 which appeared in the November 1989 Newsletter. In that issue I used TIB to set up a Mailmerge file that could be used by FunnelWeb to send personalized letters. The minor drawback in that case is that FunnelWeb does not have any decision capabilities. It sends the letter to everyone, or to those you choose. Also, it doesn't do mailing labels as easily as a database program. In contrast to that, TI-Base will produce a letter and mailing labels simultaneously, provided you have two printers hooked up at the same time, and the letter can be moderately personalized depending on the amount of work you are willing to invest. The first thing I did was write a demo letter, which you see above. I wrote the letter and edited it in FunnelWeb. I included the Formatter commands .LM 5;RM 62;FI;AD at the top of the page. Then when I Formatted the letter, I entered DSK1.RENEW in place of PIO. This sent the file to disk. When the Formatting was finished I edited RENEW and deleted all of the LF and CR symbols along with removing all the extra blank lines. I also added the column of numbers, 10 to 100, in the blank space to the left of the lines. After that I used PF, for Print File, to print the file back to DSK1.RENEW. TI-Base will CONVERT this file into a Database very nicely. At that point I fired up TI-Base and entered CONVERT DSK1.RENEW 60. When TIB gave me the CREATE screen I entered NM, N, 4 and 0 for the first field. Then I entered LINE, C, and 76 for the second field. The output width of the Formatter is 80 columns, so the total field widths should be 80. At that point I pressed <FCTN 8> and TIB created a DB named RENEW. At this time RENEW is not usable. You must enter USE RENEW and, after it seems to have loaded, you must enter RECOVER. At that point TIB will finish the job and you will have a completed database named RENEW. I sorted RENEW on the NM field. This allowed me to add blank lines or possibly some text by appending a line and then numbering it between two existing numbers. An example of this is the blank line number 85, which is actually record number 10.

WRITE 10,10,"Opening DSK1.TNAMES "  
 SELECT 2  
 USE DSK1.RENEW  
 WRITE 10,10,"Opening DSK1.RENEW "  
 SELECT 1  
 USE DSK1.TNAMES  
 WRITE 10,10,"\*\*\* Searching \*\*\* "  
 WHILE .NOT. (EOF)  
 IF (XP<COD).AND.(XP<>" XPDT");  
 DO DSK1.RENLBL  
 DO DSK1.RENLET  
 ENDIF  
 SELECT 1  
 MOVE  
 ENDWHILE

CLEAR  
 SET TALK ON  
 CLOSE ALL  
 SET RECNUM ON  
 SET HEADING ON  
 RETURN Copyright Martin A. Smoley 1990

\*  
 \* Main CF to print Mailing Label and  
 \* Custom Letter to remind members that  
 \* their membership needs renewing.  
 \*  
 \* USEs DBs TNAMES and RENEW

Continued Next Page.



**TI-BASE - From INSCEBOT  
TUTORIAL 17.1.2 By Martin Smoley  
NorthCoast 99'ers - March 17, 1990  
Copyright 1990 By Martin A. Smoley**

The letter DBs will be easy to do after you have tried a few. Once you get the hang of CONVERT and RECOVER, these too will seem like child's play. The basic CFs that you need to make the system work are RENEW, RENLBLE and RENLET, which I have included. RENEW asks you to enter the date prior to which letters will be sent. It is in the form 90/01, or year/month, which matches the field in the DB Tnames. You can use another style or you can search for specific dates as we did in TUT-15.1.1, Feb. 1990. As I have said in the past, start with a couple small CFs and build on them until you have a big system that does exactly what you need. As RENEW searches the DB it will run (or DO) RENLBLE and RENLET every time it finds a record with an expiration date. RENLBLE switches the printer to RS232.CR.LF.DA=8, my serial port TI-Impact printer for labels, and prints out one label. Then it switches back to the PIO.CR.LF printer, which is my Star NX-10 for the letter. RENLET prints the letterhead, the current date, the persons name and address, "Dear ?????", and the letter. NOTE: I have printed a condensed, finished letter at the bottom of this column for your inspection. I have not presented a label because of a lack of space. The CFs and DBs in this tutorial are relatively straightforward. There is some confusion in using a page length, so I set the page length to 000, which means no page eject, and I issued a FF, Form Feed, at the end of each letter. Remember, I'm using two printers and any page length would mess up my labels. If you only have one printer, make two copies of RENEW, (RENEW1 and RENEW2). In RENEW1, only DO DSK1.RENLBLE and in RENEW2 DO DSK1.RENLET. This will allow you to run labels and then convert to paper and run the letters. If you enter the same date, you will get the same names. This system could be enhanced to send out little notes to sales contacts, if that's what you need. You could say "Hi! How are you doing. I haven't heard from you in a while. If you had a field in the database for that person's children or birthday, TIB could test for those facts. If found, TIB could add "PS: By the way, how are the kids" or "By the way, Happy Birthday". This type of stuff could really make the letter seem like a personal contact. If you have the imagination, your TI can do the job.

**NorthCoast 99'ers**

6149 Bryson Drive  
Mentor, Ohio 44060

03/12/90

Grant E. Aardvark  
9995 State Rt. 84  
Geneva OH. 44014

Dear Grant

We at the NorthCoast 99'ers User Group are sorry to see that your membership in our group is about to expire. We hope that this is an oversight on your part and that you merely forgot to send in your fifteen dollars. As a group we expect to have another great year and hoped that you would remain a member and join in the activities. Please stay with us and send in your fifteen dollar membership renewal as soon as possible.

Your friends,  
The NorthCoast 99'ers.

```
*
*                               RENLBLE/C
LOCAL TEMP C 40
SET PRINTER=RS232.CR.LF.DA=8
WRITE 10,10,"** Printing label **"
IF .NOT. (EOF)
REPLACE TEMP WITH "           ";
: "           Exp. Date " : XP
PRINT (E),TEMP
PRINT (LF)
REPLACE TEMP WITH TRIM(FN) : " ";
: MI : " " : LN
PRINT TEMP
PRINT SA
REPLACE TEMP WITH TRIM(CT) : " ";
: ST : ". " : ZP
PRINT TEMP
PRINT (LF)
ENDIF
```

```
SET PRINTER=PIO.CR.LF
RETURN Copyright Martin A. Smoley 1990
*
* Prints one Mailing Label for RENEW.
*
* SETs PRINTER to RS232.CR.LF.BA=8 and
* back to PIO.CR.LF
```

```
*****
*                               RENLET/C
LOCAL HTEMP C 60
WRITE 10,10,"* Printing letter * "
IF .NOT. (EOF)
REPLACE HTEMP WITH " ";
: "           NorthCoast 99'ers"
PRINT (E),(e),HTEMP
REPLACE HTEMP WITH "           ";
: "           6149 Bryson Drive"
PRINT HTEMP
REPLACE HTEMP WITH "           ";
: "           Mentor, Ohio 44060"
REPLACE TEMP WITH .DATE.
PRINT HTEMP,(LF),TEMP,(LF),(LF)
REPLACE TEMP WITH TRIM(FN) : " ";
: MI : " " : LN
PRINT TEMP
PRINT SA
REPLACE TEMP WITH TRIM(CT) : " ";
: ST : ". " : ZP
PRINT TEMP
PRINT (LF),(LF)
ENDIF
REPLACE HTEMP WITH " Dear " : FN
PRINT HTEMP,(LF)
SELECT 2
TOP
PRINT ALL LINE
PRINT (FF)
RETURN Copyright Martin A. Smoley 1990
*
* Prints the Letter part of RENEW with
* a Letterhead.
```



## THANK YOU MARY

From the TI-Chips  
North Royalton, Ohio  
March, 1990

Every once-in-a-while someone comes along who quietly makes you aware that something nice has happened. In this case, that someone is Mary Phillips. Mary is an original member of the TI-Chips. By that, I mean way back when TI said, "goodbye", Mary was saying, "hello". She joined the TI-Chips, as many did, just after BLACK OCTOBER, 1983. However, the TI-Chips was known as the Westside Chapter of the Greater Cleveland Area TI-99/4A User Groups back then.

Mary became an ACTIVE member right from the word "go", and is still as active a member as ever. Now I know the TI-99/4A user groups around the world all have "super" active members in their ranks, and we all benefit from their presence. But it's the quiet ones that contribute in their own special way without fanfare, who provide the lasting benefits to our membership.

You see, fellow 99ers, Mary was the Secretary for the TI-Chips for more than half of its existence. She kept the original minutes of the fledgling organization during its infancy, and accepted the mantle of Secretary of the TI-Chips once again in 1986. This latest stint as Secretary lasted through January, 1990.

Now what makes this so special? If you ever have the pleasant opportunity to read Mary's minutes from the monthly meetings of the TI-Chips, you will quickly realize that the records that Mary diligently maintained are a COMPLETE written history of a TI-99/4A user group called the TI-Chips. Mary didn't just keep the minutes as a random series of brief notes, but as complete sentences and paragraphs. It took a tremendous amount of personal dedication to create a written documentary on the history of the TI-Chips that would live far beyond what anyone would imagine. To top it off, every word that Mary has written is entirely intelligible. All one has to do is to read Mary's minutes to understand and re-live the life of the TI-Chips.

This is why the TI-Chips, as well as the rest of the TI-99/4A user group community, says, "Thank you Mary Phillips for your dedication in providing such a detailed account of the history of the people and the TI-99/4A user group called the TI-Chips." Your gift to us is beyond value!

-----

### PC TRANSFER

Deanna Sheridan - NorthCoast 99ers - Cleveland, OH

Our TI was never meant to be a business machine, but rather a home computer or hobby, but we have come closer than anyone ever thought (or that TI probably ever dreamed). I have been transferring files between my TI and my Leading Edge ever since we got the MACFLIX program and was fascinated by the possibilities of PC TRANSFER. Until recently I was unable to use this program as I did not have a double sided double density controller. I picked up a system with the little MYARC expansion box and was in business.

Until recently, all you could transfer were ASCII files and MACFLIX files. At the Chicago Faire last fall, Peter Hoddie introduced a file of utilities which have made this program quite versatile.

If you have never seen PC TRANSFER in operation, it is

very simple and easy to use. It will even format disks in IBM format so if you are stuck at home without any formatted IBM disks, all is no lost. I found it took very little time to transfer an entire disk of data. You can choose on a file-by-file basis what you want to send. The transfer works both ways either TO or FROM the other machine.

The new Utilities disk gives you several new choices.

1. DF128 - Will convert any PC file to Display/Fixed 128 format. This is very useful for converting GIF and RLE pictures to the TI/9640. It is also possible, using this utility, for any programmer to write a conversion utility that converts a PC file to a useful TI file format by having it directly manipulate the DIS/FIX 128 file on the TI disk. Thus IBM/style databases can be transferred to the TI.

2. SYLK - This is the type of file used by many spreadsheet programs. Almost every PC spreadsheet program includes an option to import and export SYLK files. So you could get your spread sheet files from the IBM to TI.

3. TEXT - The same as on the original PC Transfer. The only reason to use this is if you had converted some files using another conversion utility and wished then to convert a text file without reloading PC Transfer.

4. TIFILES - This utility converts files with a TIFILES header. Mostly these are files downloaded through bulletin boards via XMODEM. Thus, if you had a modem at the office and not at home, you could download TI files, bring the disk home and send them over to your TI to unarchive and use. I always use my Leading Edge when on one of the services such as CompuServe or Genie. It is much faster and I don't have to wait for it to access the disks to save the data. It worked very well then to send them over to my TI via a null modem, but it also works equally as well to have PC Transfer with TIFILES loaded to do the same job. The people at the graphics SIG were agog the other night at that little demo.

With PC TRANSFER, you can order IBM graphic disks of GIF and MACPAINT files and have them run on your TI.

PCTRANSFER is available from JP Software, 2390 El Camino Real, #107, Palo Alto, CA 94303. I believe the PC TRANSFER is \$24.95 and the utilities are \$9.95. I consider them to be well worth it.

Another note on transferring data between computers... MICROpendium has been running a series of articles on transferring files between the TI and other computers. As mentioned in the MICROpendium articles, the lack of any formatting standard between word processors makes it difficult to transfer programs with formatting commands. But, if you have your document formatted and ready to print in final form before transferring, you can print it on the other machine with the codes intact.

This may not be of much value if you have both machines side by side as I do, but for those of you who might do a letter or document at home and send it to the office via a modem, or use PC Transfer, it may be quite useful. Again, it is the simple "Print to disk routine". If you print your document to disk through the formatter, it will carry with it all of your formatting commands for justification, underlining, overstriking, etc. Send that file via the modem, or on a disk converted with PC Transfer to the other machine. Then, instead of loading the document into a word processor, simply use the TYPE command with the >prn command and the document will print out exactly as formatted on the TI. This process would NOT work for documents that needed additional editing, etc, just for those that are "ready to go".



THE FOLLOWING TEMPLATE TO CHECK YOU STATE OF OHIO INCOME TAX RETURN IS PROVIDED COURTESY OF STEVE BAGSTAD OF THE NORTHCOAST 99ERS

1	Federal Adj Gross Income:		1
2	Ohio Adjustments (Ln 40)		2
3	Ohio Adj Gross Income		3 RC[-2]C-RC[-1]C
4	Number of exemptions:	658*RC[-2]	4
5	OHIO TAXABLE INCOME		5 RC[-2]C-RC[-1]C[-2]
6	Tax before credits (tbls):		6
7	Credits, Scd. B (Ln 47)		7
8	Subtract Ln 7 from Ln 6		8 RC[-2]C-RC[-2]C
9	Exemption Credit	RC[-5]C[-2]*20	9
10	Subtract Ln 9 from Ln 8		10 RC[-2]C-RC[-1]C[-2]
11	Jt Filing Credit %:	(Limit \$650)	11 RC[-1]C*RC[-4]
12	Subtract Ln 11 from Ln 10		12 RC[-2]C-RC[-1]C
13	Credits Scd C/D (Lns 51/55)		13
14	OHIO INCOME TAX		14 RC[-2]C-RC[-1]C
15	Ohio Inc Tax Withheld:		15
16	Ohio Est Tax/Payments:		16
17	Amt 88 O'pay Credit to 89:		17
18	TOTAL PAYMENTS		18 SUM(RC[-3]C[-2]:RC[-1]C[-2])
19	Amount you OWE		19 RC[-5]C-RC[-1]C
20	Amount you OVERPAID	RC[-2]C[+2]-20 RC[-6]C[+2]	20
21	Donation to nature:		21
22	Donation to wildlife:		22
23	Amt of Ln 20 Credit to 90:		23
24	REFUND DUE		24 RC[-4]C[-2]-RC[-3]C[-2]-RC[-2]C[-2]-RC[-1]C[-2]

T.I. WRITER (Part 5)  
Stan Katzman

There are several miscellaneous routines that we ought to discuss that are useful (and important), so here goes.

The standard "typing" mode is called word-wrap. In this mode when you come to the end of the line that word is automatically put on the next line. This is the opposite of a typewriter where one has to return the carriage by hand. If you press the enter key you start a new paragraph. If you want an empty line between paragraphs just press the enter key again. If you remember an earlier paper on how to edit we used the reformat key (Ctrl 2). The reformat key only works within the paragraph one is working in.

If we want to combine two adjacent paragraphs all we have to do is remove the carriage return symbol (by pressing "Del Char" (Fctn 1) and then the reformat will combine the two paragraphs.

By default a page of material is 66 lines long. In order to make the document have, say, only 60 lines per page just keep track of the line numbers at the left of the screen and put in a "New Page" symbol by pressing Ctrl 9 and when the document is printed the new page symbol will cause the printer to start at the beginning of a new sheet. (The new page symbol also works in the Formatting Mode.)

The other "method" of writing a document is in "Fixed Mode". To get into fixed mode press Ctrl Zero (0), Word

Wrap, and this puts you in Fixed Mode (the cursor will be a hollow rectangle). To get out of fixed mode press Ctrl Zero (0) again (toggle) and you are back to word wrap. In fixed mode you do not automatically go to the next line. In order to get to the next line you have to press enter. If you do not press enter at the end of the line each character entered will replace the last entered character. The fixed mode is used to make tables of data.

Now something more about printing out a file. If you noticed in the past, in order to load or save part of a file you had to know the start and finish line numbers. It makes it a lot easier to load or save file parts if you have a print out with the line numbers, well we can do that also. In order to have a print out with line numbers go to Command Mode enter F and then enter PF, at the statement "PRINT FILE,enter devicename:" enter L, space and then PIO (for a parallel printer). Eg. "L PIO". There is one minor catch and that is it will not print anything in columns 75-80.

You can also print only part of a file. get the PF mode and then type the starting line number, space, ending line number, space and then PIO. Eg. 23 48 PIO, and only lines 23 to 48 will be printed out.

One last function, Q(Quit) (quite appropriate). to quit working go to command mode and enter Q, there will be another menu which is obvious that you can easily follow.

More later.



LETTER ENVELOPE DESIGN PROGRAM

Richard J. Bailey  
68A Church Street  
Gonic, N.H. 03867  
NH99ER USER GROUP

I had seen an envelope addressing program that would put the addressee and return addresses on a regular envelope but why stop there? The accompanying program will produce letter size (3.75x6.5in.) envelope blanks that you can cut, fold, and paste to make your own envelopes.

You are allowed up to four lines for the addressee and your return address is automatically printed in the upper lefthand corner of the envelope. A reminder to put a 22 cent stamp in the upper righthand corner is also included. The addresses on the envelope are printed double-strike and emphasized to make a good impression. All printer codes are for Epson but you could easily change the codes for most other printers.

The program works as follows: line 170 defines the vertical fold lines, 72/216 inch line spacing, emphasized double-strike on/off. Line 180 is screen information plus a reminder to set top-of-form. Lines 190-210 allow you to

enter and edit addressee information as needed. Previous entries can be reaccepted by pressing ENTER or erased using FCTN-3. Line 220 is the printer name. Lines 230-330 print the envelope blank with the addresses and stamp reminder. Lines 340-350 allows you to either print another envelope or exit the program. If you set top-of-form for the first envelope, the next one will be correctly positioned. I use either 20 lb. white or 24 lb. colored printer paper with a micro-perf edge to print my envelopes.

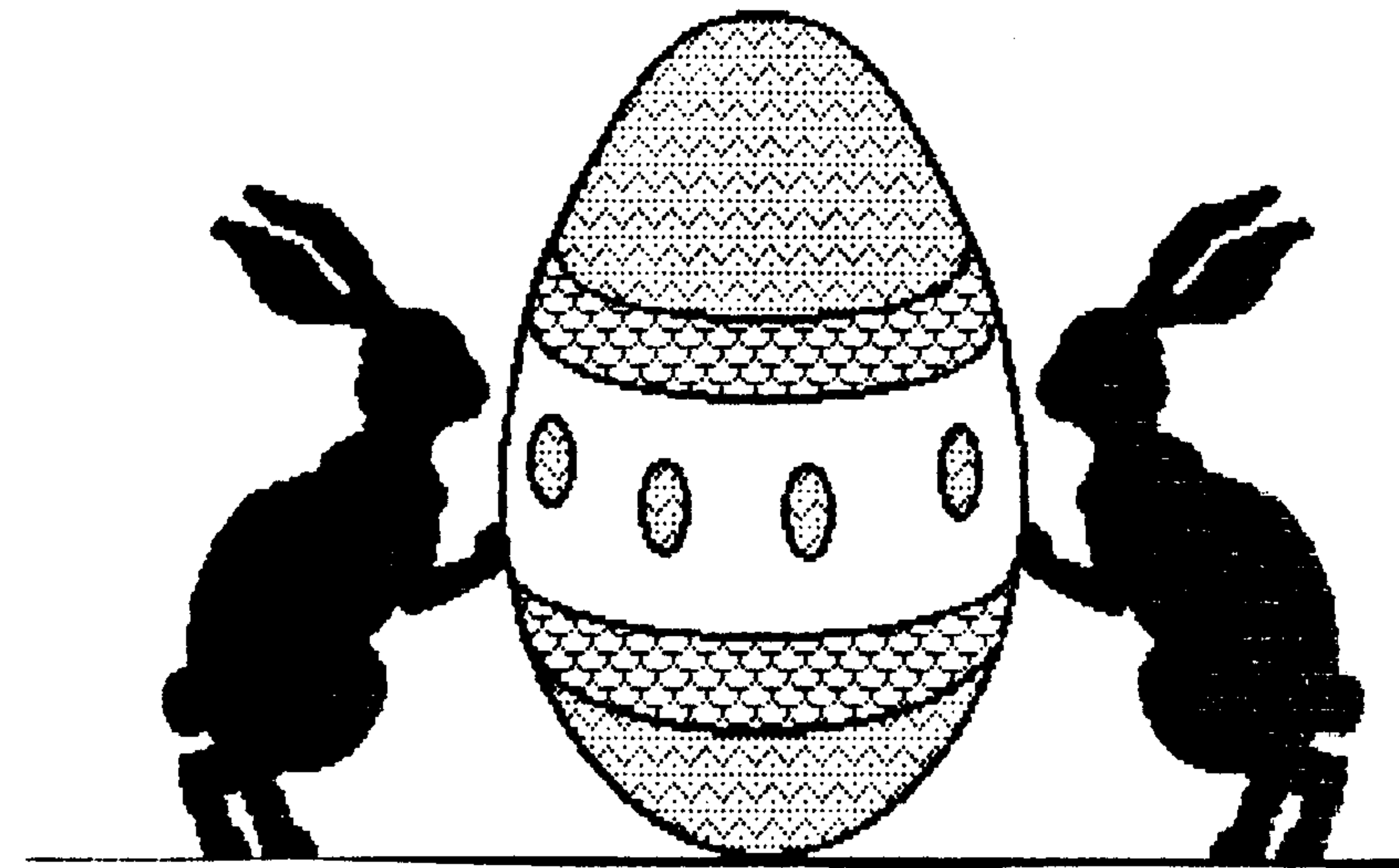
After the envelope is printed, take off the tractor strips and make the two one inch horizontal cuts on each side. Fold these side tabs in along the vertical fold lines and cut along the two diagonal flap lines and the three lines for the back. Fold the back and flap along the horizontal fold lines and use a glue stick to glue the back to the side tabs. Insert your letter and glue the flap shut.

The changes you must make to personalize this program are: first, change the printer name in line 220, if necessary; next, enter your return address, up to four lines, in lines 250-280. Just remember to leave two spaces immediately before each return address entry so they will be printed in the correct position and don't change any tab settings, etc., on the end of these lines.

```

100 ! *****
110 ! * LETTER ENVELOPE *
120 ! * BY *
130 ! * RICHARD J. BAILEY *
140 ! * 68A CHURCH STREET *
150 ! * GONIC, N.H. 03867 *
160 ! *****
170 VLINE$=" :&RPT$(
" ",64)&"! " :: WIDE$=CHR$(27
)&"3"&CHR$(72):: ON$=CHR$(27
)&"E"&CHR$(27)&"6" :: OFF$=C
HR$(27)&"F"&CHR$(27)&"H"
180 DISPLAY AT(2,7)ERASE ALL
:"LETTER ENVELOPE":TAB(13);"
BY":TAB(6);"RICHARD J. BAILE
Y":TAB(6);"(SET TOP OF FO
RM)"
190 FOR I=1 TO 4 :: DISPLAY
AT(6+I*3,2):"ADDRESS "&STR$(
I):" "&N$(I):: ACCEPT AT(7+I
*3,2)BEEP SIZE(-27):N$(I)::
NEXT I
200 DISPLAY AT(23,2):"ADDRES
S D.K.? Y" :: ACCEPT AT(23
,18)BEEP SIZE(-1)VALIDATE("Y
Nyn"):AN$
210 IF AN$="" THEN 200 ELSE
IF AN$="N" OR AN$="n" THEN 1
90
220 OPEN #1:"P10" ! PRINTER
NAME
230 FOR I=1 TO 16 :: PRINT #
1:TAB(42-2*I);"/";TAB(41+2*I
);"\ " :: NEXT I
240 PRINT #1:" :RPT
$( "- ",64);" :VCTNE$;D
N$
250 PRINT #1:TAB(9);" Rich
ard J. Bailey";TAB(74);"!"
260 PRINT #1:TAB(9);" 68A
Church Street";TAB(66);"22c"
;CHR$(8);"!";TAB(76);"! "
270 PRINT #1:TAB(9);" Goni
c, N.H. 03867";TAB(65);"STAM
P";TAB(74);"! "
280 PRINT #1:TAB(9);" ;TA
B(74);"!";OFF$
290 FOR I=1 TO 4 :: PRINT #1
:VLINE$ :: NEXT I :: PRINT #
1:ON$
300 FOR I=1 TO 4 :: PRINT #1
:TAB(9);"!";TAB(35);N$(I);TA
B(74);"! " :: NEXT I
310 PRINT #1:OFF$:WIDE$:VLIN
E$:VLINE$:VLINE$:"-----"
;RPT$("- ",64);"-----"
320 FOR I=1 TO 10 :: PRINT #
1:VLINE$ :: NEXT I
330 PRINT #1:TAB(9);RPT$("- "
,66):: PRINT #1:"":CHR$(27);
"e":" " :: CLOSE #1
340 DISPLAY AT(23,1):"ANOTHE
R? Y" :: ACCEPT AT(23,12)B
EEP SIZE(-1)VALIDATE("YNyn")
:AN$
350 IF AN$="" THEN 340 ELSE
IF AN$="Y" OR AN$="y" THEN 1
80 ELSE CALL CLEAR :: END

```





LIBRARY UPDATE - MARCH 16, 1990

CAPTIONS 1 - 2263

50+ Captions in Artist Instance format. Very well done. These are listed as "freeware" when downloading, but there are no files as to who the author is on the disk.

CAPTIONS 2 - 2264

An additional 50 captions as above.

SECTOR PATROL - 2265

An XB space game. This is a "thinking" game as opposed to an "action" game.

GROCERY MANAGER - 2266

This program will trace and calculate your grocery list. It will adjust your minimum and maximum amounts of product based on your usage and print a suggested grocery list on demand.

PRB CONVERT - 2266

Convert your PR BASE files to a display fixed file where the data can be sorted, modified, changed. The created file is also compatible with the TI BASE "Convert" routine.

ADDRESS LABELS - 2267 A&B

Carolyn Shaw has gone through our library, picked out her favorite label printing programs compiled them on two diskettes. They have load files for your convenience.

MICROINDEX - 2268

An index of Micropendium articles in TI-BASE format.

KIDWRITER - 2269

A simple word processor for kids.

NOTEPAD - 2269

An electronic notepad. Save files, print, retrieve..

TAPEMASTER - 2269

A program which will automatically transfer programs from disk to tape.

COLORLABEL - 2269

Print diskette labels in color with the NX Rainbow or XR1000 with color kit.

ALFE - 2270

ALFE is an Assembler's Line Finder and Editor utility for those who write programs in assembly.

ARTBANNER - 2270

A template for printing banners from TI ARTIST PLUS!

ARTMOUSE - 2270

A DSR for using a mouse with the 9640

GRAND RAM - 2270

DSR routines for the Grand Ram ramdisk.

ELEMENTS, NATIONS, PRES/USA, STATES/USA - 2270

Four educational quizzes. Some may require using CALL FILES(1) before loading. These are quite good.

EDUCATIONALL - 2271

This is one in a series of educational disks by Don Shorock. I was not very impressed and did not download the other three. If anyone feels they are of value, I will get the others.

JIFFY - 2272

An example of, and advertisement for, a program to convert GIF (high resolution graphic files) to TI Artist Format. The resolution is much better than expected considering these are VGA and EGA graphics from those "other machines".

REE - 2272

A simple two-column program for newsletters.

CAPTIONS 3 - 2273

Another disk of captions in Artist Instance format.

CAPTIONS 4 - 2274

Last in a series of captions.

TIPS - 2275

Two graphic files of TIPS - 15AZ and 48AZ. These have been archived.

TIPS - 2276

TIPS graphic files GRMO and GROF - Archived.

TIPS - 2277

TIPS graphic files GRHL and GRLM - Archived.

TIPS - 2278

TIPS graphic files GRRS and GRST - Archived.

TIPS - 2279

TIPS graphic files GRPR and GRTW - Archived.

TIPS - 2280

TIPS graphic files GAAZ and GMAZ - Archived

TIPS - 2281

TIPS graphic files GPAZ, GRWZ, GTAZ, GMAZ, PGAZ - Archived.

TIPS - 2282

TIPS graphic files GRFG and GRGH - Archived

TIPS - 2283

TIPS graphic files GRCD and GRDF - Archived

TIPS - 2284

TIPS graphic files GRCC and HIAZ - Archived

TIPS - 2285

TIPS graphic files GRAB and GRBC - Archived

TIPS - 2286

TIPS graphic files C5AZ, C6AZ, and H2AZ - Archived

TIPS - 2287

TIPS graphic files C2AZ, C3AZ, C4AZ and HIAZ - Archived.

TIPS - 2288



TIPS graphic files 21AZ and 32AZ - Archived

IIPS - 2289

TIPS graphic files 02AZ and 12AZ - Archived

IIPS - 2290A&B

TIPS version 1.4. Much faster than 1.3. Side A contains the program and Side B the documentation and history.

IIPS - 2291

TIPS graphic files 42AZ and 45AZ - Archived.

GRAPHICS AND CARDS FOR JIFFY CARD - 92A&B A present from Sister Pat. She has reduced graphics from other programs and converted them to CSGD format for Jiffy Card. She has also included some new 'pre-made' cards.

FOR SALE

TI994/A console-Black and Silve - \$20  
TI Color monitor-\$75 - Speech Synthesizer - \$20

Cartridges - \$4.00 ea.

ADD AND SUB I	ADD AND SUB II	EARLY READING
READING FUN	NUMBER MAGIC	BEGINNING GRAMMAR
READING RALLY	PYRAMID PUZZLES	TYPOMAN
PARSEC	CAR WARS	MUNCHMAN
THE ATTACK	PACMAN	POLE POSITION
MASH	HOPPER	SUPPER DEMON ATTACK
CONNECT 4	BLASTO	JAW BREAKER II

CLEVELAND AREA 99/4A USERS GROUPS  
C/O DEANNA SHERIDAN  
20311 LAKE ROAD  
ROCKY RIVER, OH 44116

CHECK YOUR EXPIRATION DATE.  
THIS MAY BE YOUR LAST ISSUE!

FIRST CLASS

FIRST CLASS

HUNT THE WUMPUS HANG MAN  
ALLIGATOR MIX MICRO PINBALL  
HOME FINANCIAL DECISIONS

HUSTLE  
TOMB STONE CITY

Bruce Rodenkirch  
1514 Julian St., Cuyahoga Falls, 44221 (216)928-7873

WANTED

Double sided-double density disk controller

FOR SALE

32K memory expansion -\$55; Speech synthesizer - \$20  
New Editor/Assembler module with manual - \$17  
Avatex 1200-baud modem - \$55  
Panasonic KXP1091 printer - \$125

Chuck Gilbert - (216)226-5177

FOR SALE

GRAMKRAKER - \$150; 512K CORCOMP RAM DISK - \$125

Howie Winkler (216)251-2967

FOR SALE

Silver Reed daisy wheel typewriter with computer parallel interface - \$150

Deanna Sheridan (216)333-5986



FIRST CLASS

Exp Date: 90/07