

CLEVELAND AREA TI-994/A USER GROUPS NEWSLETTER JANUARY, 1992

OFFICERS	NORTHCOAST	TI-CHIPS	MEETING DATES
CO-PRESIDENT	BOB KAGY 1-255-2609	MATT ANDEL 676-9759	NORTHCOAST 1:30 P.M. TI-CHIPS 10 A.M.
CO-PRESIDENT		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	MARTIN SMOLEY 1-257-1661 6149 BRYSON MENTOR, OH 44060	JOHN PARKEN 331-2830 4172 W. 217TH ST. FAIRVIEW PARK, OH 44126	THIRD SATURDAY THIRD SATURDAY JANUARY 18, 1992 FEBRUARY 15, 1992
SECRETARY	BERNIE ZUCKERMAN 381-4088	DENNIS LIKENS 842-9627	MARCH 21, 1992
LIBRARY(DISK)	MARTIN SMOLEY 1-257-1661	HARRY HOFFMAN 631-2354	APRIL 18, 1992
(TAPE & MODS)	FRANK JENKINS 283-8526	JOHN PARKEN 331-2830	MAY 16, 1992
(HARD COPY)	DICK ALDEN 1-352-9172		JUNE 20, 1992

 **From the Editor's Desk:** 

We finally have some people willing to take over the newsletter for awhile... Harry and Nina Hoffman will be the new newsletter editors starting with the February issue. I first issue was January 1986, and my last is January, 1992. That is a long time, and I felt that this year I HAD to have a break.

Again, much thanks to those who help out with the printing, mailing, etc. who work behind the scenes.

For our exchange people, please note the new address on the back page. Hopefully, all the people who have been so good about doing articles will continue to support Harry and Nina. Hopefully we will continue to print FRESH information each month. Every year since I started the newsletter, we have had predictions of doom and gloom concerning the demise of the TI. It is almost 10 years now that we have been classified as a "dead" computer, and we are still going strong. Our numbers are shrinking and will continue to shrink, but there will always be a core group that will keep going.

With the cost of PCs getting lower and lower, more and more of our members will be buying one in order to keep up with their work if nothing else. Unfortunately, when you do that, you spend all of your time on work and none on play, and the TI gets set aside or given away or sold.

I have included another article on the FREENET which I hope that if you have a modem, will inspire you to crank it up and get registered with the FREENET; and if you don't have, would hope that you will get one and join in this experience. We are attempting to provide uploads and downloads and need someone to show some interest and give feedback in order to continue. I am becoming experienced

in sending E-mail all over the country. It's fun to get replies back. For our newsletter exchange people, next month we will have an article on sending mail via BITNET, INTERNET, and FIDO. If you have access to any of these services, you, too, can exchange E-mail with people in the Cleveland area. Also, for people in Illinois and Cincinnati, there are versions of the FREENET running in your area. I am sure that you could get TI SIGS going on these BBS'. Because you can connect via your local FREENET to the Cleveland FREENET, we could exchange articles, E-mail, programs, etc.

We had two "For Sales" that we didn't have room to list. Wes Richardson is selling a spare system and will sell it piece-by-piece if there is demand. Give him a call at (216)543-1148 to see if he has anything you are looking for.

The other is from Dave Linn (216)286-9841 who has a complete TI system with TI monitor. Xternal drive. Both drives are TI SSSD. Has a TI monitor and lots of software. Has 20 - 30 game modules, mostly educational and a speech synthesizer. Make offer.

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TI-CHIPS Executive Notes

December 21st meeting was called to order at 10:00am by President Matt Andel. 25 People attended and heard the minutes from our November meeting. Glen advised that during the demo to add XB to the grom port, he inadvertently soldered his wires on the wrong side of his XB board, so once he corrected this, his installation worked like a champ. This mistake will be noted in the video with edited. Also I noted that SOUND F/X could be had for \$14.95. That part is correct but I also said you get a bunch of disks too. Sorry, the disks cost extra. \$22.00 to Barry Boone will get you the program and some disks. Separate disks cost 2.95 each.

TREASURY: Lin Shaw reported 1076.28 in the coffers.

MEMBERSHIP/TAPE/CARTRIDGE: John said that the tapes, modules are still there. Our membership is holding at 32.

DISKS: Harry didn't have much to report except he didn't get any orders this month for disks.

DEMOS: Matt demo'd a program called IDENTIFILE by Mike Dodd (PC TRANSFER + UTILITIES) This program is a disk cataloger but it does more than just tell you what's on the disk. It will identify the file, size, type, size, protection and a description of the file, i.e., E/A RUN AND LOAD, BASIC OR XB, GRAPHIC FILE, and more. This program will allow you to print the contents to printer or better yet, to disk as a D/V 80 file to edit with TIW. This would be nice cause you can add a lot of catalogs to 1 file and run them through more than 1 columnizer to have a nice finished product. The cost is \$9.95 and Ron Marcus has them in stock.

XB: Les Kee ran an XB program with will help you decide the size of a printed circuit board to use to put what ever type circuit you wish to build. A nice tool to

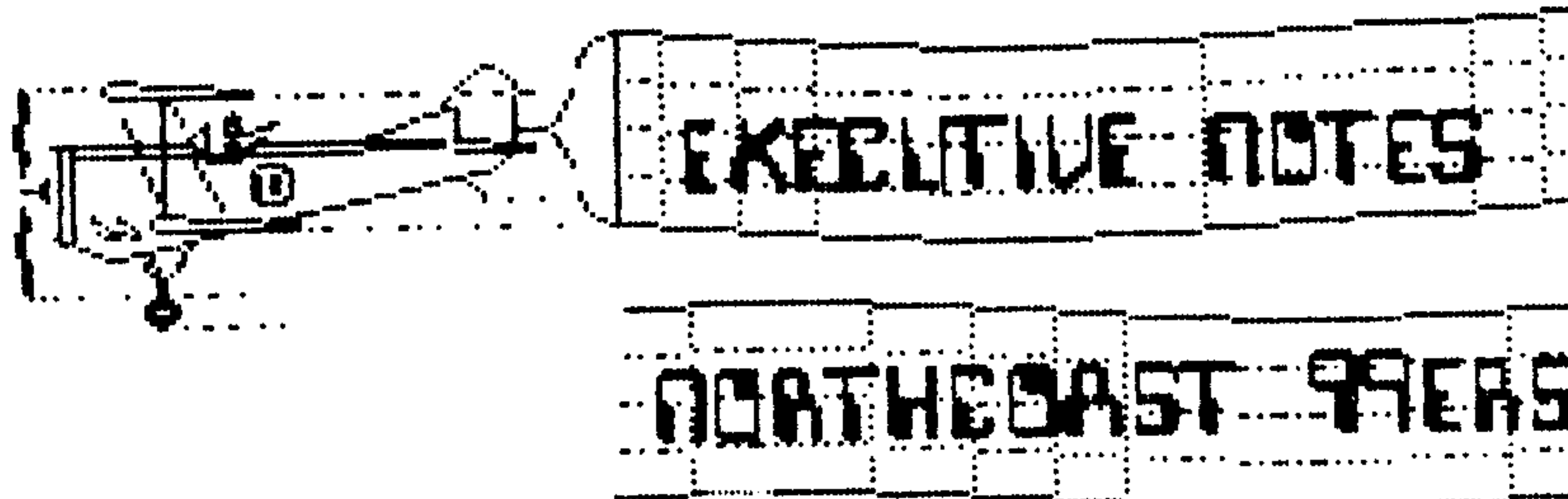
have around on that ELECTRICAL CONSTRUCTION UTILITIES DISK you wish to put together in your disk collection.

The raffle was one by Kirt Gadd. He picked up about 10 PD disks from the tiger club collection. Congrates.

MISC: Glen mentioned a note about the cards in your PEB and lockups. Some third party hardware does not always fit snugly in your box and this could cause some problems so always make sure that; (1) The contacts are clean. (2) You press them firmly into place. And remember even though the grom port (cartridge port) is the weakest link in our computer, the cards can cause problems too.

MISC: I made the suggestion that for those people who demo a software package for the club to give me a paragraph or two (more if you wish) about the program they are showing. This will not only help me (I feel the clubs minutes are not the place to evaluate a program and it's not fair to the author of such a program either. So I will retype their notes and hope there would be room in the news letter to publish them. I still will mention the programs being demo'd but not in great detail.

Well, for those of you who missed out on the meeting. We had lots of Christmas cheer and goodies to munch on. The remainder of the meeting was used to keep poor Ron busy selling his TI stock. While we all were walking around, we had a nice Christmas music programs playing with graphics that added to the atmosphere. From Tichips to all of you, we wish you and yours a holiday filled with joy and during your travels, drive safely. Hope to see you at the Jan 21 meeting. Please try to attend cause that when it's time to elect new officers. REMEMBER, YOUR VOTE COUNTS!



The December meeting of the Northcoast TI-99/4A Users Group was called to order at 1:30 p.m. by co-president, Walt Ryder. There were approximately 20 members and guests present. Due to the absence of the treasurer, Frank Jenkins, there was no financial report. The minutes of the last meeting were read and a small addition was made. At the November meeting, Harry Hoffman agreed to take over the writing of the newsletter if Deanna Sheridan, who has done yoewoman's service, would work with him on the next issue. The membership thanked Harry for this, and he said he will do his best.

In line with the discussion last meeting, Walt started old business by asking if there were any new members or guests present. There were no new members, but there was one guest from TI-CHIPS. Marty Smoley announced that according to the last count, the club has 80 members, both local and out-of-town. Wes Richardson announced he had a system with miscellaneous TI items for sale, it being a duplicate system. Marty Smoley passed out a disk library update list. The library has the latest version of Funnelweb and that is the one that is distributed when anyone asked for a copy. Mention was made that the group

is up to date in sending money to the McGovern's for this version. Several digital cassette tapes from Mark McCauley were available at no cost.

A (practically) brand new TI console was donated to the club via Deanna on the condition that it be raffled off and the funds so collected be given to a charitable organization. Accordingly raffle tickets were made up by Wes and sold at \$1 each to the members.

Alice Trask asked for help on merging lists into her Calendar program. She agreed to demonstrate the program at the next meeting at which time someone may be able to help her with the problem she is having. The library has a program called "PLUS" which uses Funnelweb or TI-Writer to prepare a calendar. There being no additional new

business, the meeting continued with demos by Walt Ryder and Ken Gladyszewski.

Walt demonstrated his program to convert TI-BASE files into files acceptable by Multi-Plan. This permitted him to transfer his TI-BASE data, which is listed by months and categories into a Multi-Plan spread sheet without reentering the data. He uses both a program written in XBasic and one in Assembly. This was followed by a demonstration by Ken showing how it is possible to enter analog information into the TI and have it show as digital. Ken constructed an electronic circuit which took the analog input and fed it into the TI via the joystick port.

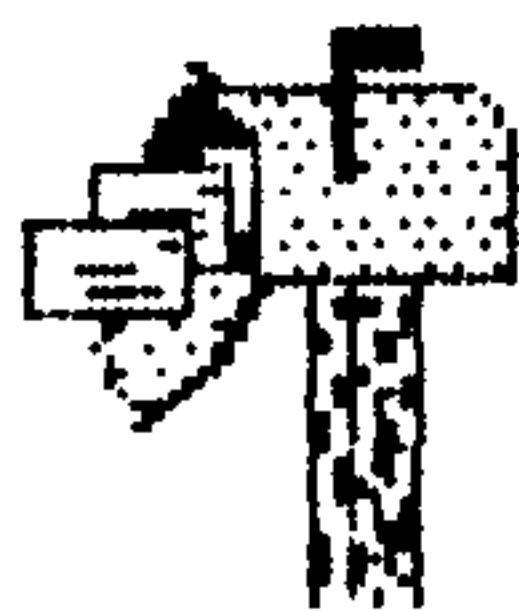


HARDWARE HACKING BY KEN GLADYSZEWSKI NORTHCOAST 99ERS

Radio Shack has discontinued the VPU200 speech recognition chip (276-1308). They were \$9.95 and are now 99 cents when found. At this price I bought everything needed to make it work for under \$10. In addition to the application sheet that comes with it, there is a super article in the April, 1991, issue of Radio-Electronics magazine. The chip recognizes 8 unchangeable commands and could be used to control a number of things. I have a few projects in mind (including an enhancement to my robot) which involve interfacing to the TI using basic and the joystick port on an unaltered bare console. I smell another newsletter article in the making.

At the next Northcoast meeting, I will be showing an inexpensive analog to digital interfacing to a bare unaltered TI console using the joystick port and basic. There is a great article about A to D and D to A conversion in the July, 1991 issue of Radio-Electronics magazine. The ability to interface real world analog signals such as temperature, etc., to a bare console opens up a Pandora's box of possibilities. Using only basic, up

to 4 analog signals can be input at 8 bit resolution (1 part in 256) each with no digital joysticks or up to 2 analog signals and one joystick. Using assembly language increases speed and allows up to 10 analog signals with no joysticks or up to 5 analog signals with one joystick. Higher resolution (9 bit = 1 part in 512) can be obtained by using two converters on a single channel. I am planning to use some elements of this design to increase the number of digital inputs available through the joystick port so that I can interface to a digital multimeter and later add a computer controller IC tester. All this is possible; I just need the time to do it. It seems that one idea leads to another and because of that, and my desire to share this information with others as quickly as possible, I am unable to take a project beyond the hardware and elementary computer software. Perhaps someone reading this will take an interest in one of these projects and would be willing to complete it. If anyone has done similar things or has an idea for a project involving all or part of this, please write to me at 6440 St. Rte 86, Concord, OH 44077.



LETTERS, LETTERS LETTERS LETTERS, LETTERS

The following letter was received in response to our request for help for Robert Criswell as follows:

I just received my copy of the Newsletter and read about Robert L. Criswell's problem with Funnelweb v4.31. I was also puzzled about the procedure for the NYARC Ramdisk until I discovered the following:

After arriving at the message "Part (400,80). Really SURE??", use the keystroke(s) for "Proceed" that are appropriate for your keyboard. I have a RAVE 99 keyboard,

so it only takes a single keystroke for mine. If you are using the original 99-4/A keyboard, then you will probably press Function-6. When you have done this, your Ramdisk will be partitioned (400,80), and you will be given the opportunity to set it for Disk Emulation. The procedure is the same if you want to reinitialize the Ramdisk after you have used it, except that the screen message warns that the Ramdisk is already initialized. "Proceed" will get you past this message as well.

Thanks for the great newsletter. I look forward to

receiving each issue down here in North Carolina.

Sincerely,
Phil DeBerry
P.O. Box 356
Terrell, N.C. 28682

(Thanks, Phil, for your help and your kind comments about our newsletter)

And now, we have another letter of request for help from John Williams, P.O. Box 165, Honeoye Falls, NY 14472 (716)533-1188 as follows:

MORE FREENET GOODIES

By Deanna Sheridan - NorthCoast 99ers

Besides sending electronic mail to anyone anywhere in the world via the FREENET, you can also sit at your terminal visit exotic cities and countries around the world. From the main menu, select TERMINAL TOWER. You will see the following:

<<<THE TERMINAL TOWER>>>

(go terminal.tower)

- 1 About the Terminal Tower
- 2 Libraries Within Ohio
- 3 Libraries Within the U.S.
- 4 International Libraries
- 5 Other Information Resources
- 6 Network BBS's
- 7 Other NPTN (Free-Net) Systems

Your Choice ==> 1

ABOUT TERMINAL TOWER

The Terminal Tower is an area of Free-Net which provides gateways to other computer systems.

Our present plans are eventually to be able to teleport you into at least ten different systems in nine states (with more hopefully on the way in the near future). Currently online is the first phase of that expansion which will give you access to systems in California, Colorado, and Massachusetts, plus the Ohio State University in Columbus.

Most of these expansion systems are university library computers which may, or may not, be of major interest to you. Either way, WHAT we are connecting into is less important than the fact that we are doing it at all. Cleveland is the only city in the world which allows everyone in the community this kind of access via a free public-access community computer system. The Terminal Tower is thus intended as a demonstration of what can be done with EXISTING technology. If Congress approves funding for the proposed National Research and Education Network (NREN), and community computer systems are allowed access to NREN (something the National Public Telecomputing Network is fighting for), then what you see

John says that he lived in the Euclid and Eastlake areas before relocating near Rochester a few years ago. He belongs to both Northcoast 99ers and the Rochester UG.

John needs a parallel cable to connect his Okidata 92 printer to the TI. This cable was available from TENEX when they carried TI hardware, but no longer. If anyone can help John, please write him directly or to the newsletter and we will publish it. As a note, I seem to recall that the schematic for this cable was published in MICROpendium some time ago.

here will be viewed as being as quaint as the Model T Ford. For now, however, it's the best there is... anywhere. Enjoy and learn, Cleveland!

From Item #2 on the menu, following are the college libraries within the State of Ohio which you can access. If you are doing any kind of research work, this should be invaluable.

<<<LIBRARIES WITHIN OHIO>>>

- 1 Cleveland Public Library
- 2 University of Akron
- 3 Case Western Reserve University - Euclid
- 4 Cleveland State University - Scholar
- 5 Kent State University - CATALYST
- 6 Northeastern Ohio Universities College of Medicine - NEOCAT
- 7 Oberlin College - OBIS
- 8 The Ohio State University - LCS
- 9 Youngstown State University

Choosing ~~1~~ 3 will give you access to the following other US libraries:

<< LIBRARIES WITHIN THE U.S. >>>

- 1 The Library of Congress (Data Research Associates)
- 2 University of California - MELVYL
- 3 Colorado Alliance - CARL
- 4 Boston University - TOMUS

If this isn't enough, how about trying some of the International Libraries. I haven't gone into any of these yet, so don't know what you will find or the languages you will need to read them. Just the fact that we can access them is indeed amazing.

<<< INTERNATIONAL LIBRARIES >>>

- 1 READ ME: On using international connections...
- 2 AUSTRALIA: Australian National University
- 3 CANADA: University of Calgary (*)
- 4 GERMANY: University of Konstanz
- 5 ISRAEL: InterUniversity Catalog System (Seven Universities)

- 6 MEXICO: Monterrey Institute of Technology
- 7 NEW ZEALAND: Victoria University of Wellington (*)
- 8 SWEDEN: Lund University (*)
- 9 SWITZERLAND: Swiss Federal Institute of Technology (*)

Choosing #5 on the menu will let you access some other types of data:

<<< OTHER INFORMATION RESOURCES >>>

- 1 AGRICULTURE: PENpages (Penn State Univ.)
- 2 GEOGRAPHY: Geographic Information Server (Univ of Michigan)
- 3 LITERATURE: Dartmouth Dante Project (Dartmouth Univ.)
- 4 OCEANOGRAPHY: Ocean Information Center (Univ. of Delaware)
- 5 SPACE SCIENCE: NASA Spacelink (Huntsville, Ala.)
- 6 WEATHER: Weather Underground (Univ of Michigan)

I have tried #2, geography, and find it fascinating. You can type in any city in any state and it will spit out all kinds of data for you. You will be given the population, zip codes, telephone codes, coordinates, etc. Of course, I tried out all my old Idaho and Oregon cities I haven't been to in 20+ years.

I also tried #6 - Weather. This will give you the current weather, averages and other information for most of the MAJOR cities in the country. Does not cover EVERY city like #2 Geography. Still a lot of fun.

For you skiers, will give you ski conditions at various locations.

How about visiting some other BBS's around the country?



Some people do not consider a BBS a real BBS unless they can upload and download programs. Because of memory limitations the FREENET has never had general uploading and downloading like the commercial services. However, you can do limited XMODEM transfers. You can upload a program at the office and download it at home, or visa versa. You can send a program to another user or users. There are two general limitations. The file or files cannot be over 1 megabyte (the capacity of your workspace) and if they are not downloaded by the receiver in three days, they will automatically be deleted.

To upload or down load, "go xfer" and you will see the following menu.

<<< FILE TRANSFER SERVICES >>>
<go xfer>

- 1 Using Files on FreeNet
- 2 Help with file transfers
- 3 Send a file from FREENET to your PC

Let's try #6.

<<< OTHER NETWORK BBS's >>>

- 1 CUINFO (Cornell University)
- 2 TECHINFO (Mass Instit of Technology)
- 3 EBBS (Univ of North Carolina--Chapel Hill)
- 4 CWIS (Univ of North Carolina--Chapel Hill)
- 5 CWIS (Appalachian State Univ)
- 6 CWIS (New Mexico State University)

You cannot access all aspects of these BBS. However, you can read in most cases, the campus bulletin board and some general interest items on computers. You cannot leave messages, etc.

Last, but not least, the FREENET has expanded to other cities around the country. Since these are FREENET's just as ours, you could become a member and be able to leave messages, etc. The Heartland Freenet is sponsored by Bradley University in Peoria, IL, and if any of our Chicago area people are aware of this, they could probably get a TI SIG started there. In turn they could become members of the CLEVELAND FREENET and could send and leave messages on our system and we on theirs.

The Tri-State Online is in the Cincinnati-Dayton area. There are computer SIGS on this one, but not for the TI. If we could get our Cin-Day people educated, then we could also keep in touch, etc.

The Youngstown Free-Net does have a TI SIG and I have sent E-Mail to John Ellis (and visa versa) for some time.

UPLOADING AND
DOWNLOADING
ON THE FREENET

- 4 Send a file from your PC to FREENET
- 5 Check for files sent to you by other users
- 6 Retrieve files sent to you by other users
- 7 Send a file to another user
- 8 Manipulate files in your 'work' directory

You upload in the same manner as if you were sending mail, except you are sending a program. If the user isn't expecting an upload from you, you should send E-mail saying it is there. You then retrieve the program through a feature called "UPS" where the file is transferred to your personal workspace. Then you download it as you would from any other BBS.

We are experimenting with another way of downloading directly on the TI BBS on the FREENET. Clint Pulley has written a program called TIED (he has a version for both the TI and GENEVE). This program will convert an archived file by Barry Boone's Archiver program into a display variable 80 file easily uploaded on any service.

The program is then logged to disk with your usual



- By - **Inscebot, Inc.**

P.O.Box 291610, Ft.Orange, FL 32129

Version 3.01 Tutorial 25.1.1 By **Martin A. Smoley**

NorthCoast 99'ers User Group - Dec. 21, 1991

This is a re-hash of the tutorial information I did around April, May and June of 1990, which I added to and updated. If you read my tutorials word for word, some of the information will be familiar. It is a very, very useful part of TIB.

The INSTALL Memory Area of TI-Base Macros

filename \MC
MODIFY COMMAND

filename \DS
DISPLAY STRUCTURE

filename \DST
DISPLAY STATUS

filename \IC
INSTALL CATALOG

filename \RES
SET DATDISK=DSK6.
SET PRGDISK=DSK5.
SET PRINTER=PIO.CR.LF
SET PAGE=000
SET HEADING ON
SET TALK ON
SET SPACES=01
SET RECNUM ON
SET LSPACE=256
CLEAR LOCAL
SET CURSOR=02
SET CRLF ON
CLEAR
DISPLAY STATUS
INSTALL CATALOG

filename \DSP
PRINT (Drft),(E)
DISPLAY STRUCTURE
SNAP
PRINT (Drft),(f)
PRINT ALL

filename \D1
SET DATDISK=DSK1.

filename \D6
SET DATDISK=DSK6.

filename \D7
SET DATDISK=DSK7.

filename \D8
SET DATDISK=DSK8.

filename \D9
SET DATDISK=DSK9.

Macro Instructions have got to be one of the big new features in TI-Base. A Macro, or Macro Instruction, is roughly the ability to execute a large command, or a large group of commands, with a single keystroke or a very short key input. TI-Base Version 3.0 or later has that capability. It's a little repetitive to set up a large number of Macros, but once you've done it the rewards are great. Dennis has set up a usable area in VDP RAM, which is handled by the phrase INSTALL, for TIBs use. You should think of the word INSTALL more as the name of the area and not as a command. The things which you can do to the INSTALL area are CLEAR, ADD, REMOVE, CATALOG, LOAD and SAVE. You must create a command file on disk for each Macro Phrase you want to use. For example, I entered MODIFY COMMAND DSK1.\MC. This created the CF named "\MC" on disk drive #1. When the Edit screen appeared I entered two words "MODIFY COMMAND" and I pressed <FCTN 8> to save the CF. I did not enter any comments or place RETURN at the end of the CF. Then, at the dot prompt I entered INSTALL ADD DSK1.\MC. TIB retrieved the CF named "\MC" from DSK1 and placed its contents (MODIFY COMMAND) in the INSTALL area under the name "\MC". This allows me to execute that command by simply typing \MC at the dot prompt. This may not seem like much at first, but here's the big picture. TIB can execute many individual commands from VDP by their names and a Macro can be as large as a Command File. I created each of the Command Files you see on this page under their individual filenames and used the ADD directive to place them all in VDP at the same time. After that I entered INSTALL SAVE DSK6.INST2. TIB SAVED the complete INSTALL group to DSK6.INST2, with the suffix "/I". Next, I added the line "INSTALL LOAD DSK6.INST2. to my SETUP CF. This tells TIB to automatically LOAD all the commands when TIB is powered up. I haven't tried it yet, but I think that you should be able to stack up your ADD commands in a CF to make it easier to modify the overall INSTALL package. The number and size of Macros placed in VDP are only limited by space, which is currently 2546 Bytes. With everything you see to the left loaded into INSTALL I still have 1879 Bytes left. "Not Bad!" This Macro package means a lot to non-ramdisk users, because the execution is very fast compared to disk access. You could load several large CFs, which you use often, into INSTALL and execute them when needed. I wanted to demonstrate this idea, so I loaded the complete CF named 1LBL91 from Tutorial 24.1.2 (Sept. 14, 1991) into INSTALL. I already had the CF on DSK7 of my RAM Disk. I merely typed INSTALL ADD DSK7.1LBL91 at the Dot prompt (Dp) and pressed ENTER (<E>). This would be a good test because 1LBL91 contained a wide variety of TIB commands, including RETURNS and COMMENT lines. After TIB ADDED 1LBL91 to the INSTALL area I typed \IC <E>. This runs the INSTALL CATALOG Macro you see to the upper left. This told me that the 1LBL91 CF used 1471 Bytes of INSTALL memory space and that I still had 405 Bytes remaining to use. "That's great!" At that moment I had placed twelve Macros in INSTALL, the eleven on the left of this page and 1LBL91. INSTALL contained the twelve Macro names and one hundred and three lines of commands and comments, and I still had 405 Bytes left. Next I typed 1LBL91 at the Dp and <E>. 1LBL91 ran just fine. It opened the Database (Db), set my printer, asked me for the record number, found the name I wanted, printed some labels (using my special printer control commands), reset my printer and TIB commands and RETURNed me to the Dp. "And I think it's a little faster than my RAM Disk. I love it." If you manage this space well, the speed advantages over regular disk drives will be enormous.

Next Page.

1LBL91 is a great example of a large CF which can be stored and run from the INSTALL area, but I normally run small CFs as Macros. I always seem to be using the wrong disk for my DATDISK when an idea strikes me for something to do. This led me to the creation of the last five Macros on 25.1.1 (\D1... \D9). "DSK6, 7, 8 and 9 relate to my Bud Mills Horizon RAM Disk." If I want to access a bunch of stuff on drive #7, I type \D7 (E) at the Dp, and TIB processes the command SET DATDISK=DSK7. The key stroke savings are not much for one Macro use, but if you do this ten times during one computer session it means a lot. A Macro that means even more to me is \DSPA. I make a lot of changes to several small Dbs on a frequent schedule. Whenever I do, I like a printout I can use to check my work while I'm away from the computer. I might type \D7 (E), USE CLUB91 (E) and then \DSPA (E). These three short Macros would switch my DATDISK to DSK7, USE CLUB91 located on drive #7 and \DSPA would set my printer to Emphasized mode, DISPLAY the Dbs STRUCTURE to my screen and then SNAP the screen to my printer, next it changes my printer to Condensed and prints the whole Db.

SETUP/Command File

```

SET TALK OFF
WRITE 22,4,"Welcome to TI-Base Ver.;
3.01"
*
*                               SETUP/C
*                               Ver. 3.01 04/14/90
*
INSTALL LOAD DSK5.INST2
*
COLOR WHITE DARK-BLUE
PRINTER EPSON
DO \RES
*
*                               Version 3.01
*
* Type QUIT to terminate TI-Base
*
* \MC      = Modify Command
* \DS      = Display Structure
* \DST     = Display STatus
* \IC      = Install Catalog
* \RES     = RESet TIB Options
* \DSPA    = \DS, SNAP, PRINT ALL
* \EDIT    = EDIT
* \MS      = Modify Structure
* \D1      = SET DATDISK=DSK1.
* \D6      = SET DATDISK=DSK6.
* \D7      = SET DATDISK=DSK7.
* \D8      = SET DATDISK=DSK8.
* \D9      = SET DATDISK=DSK9.
*
RETURN <FCTN 7> help not available

```

After \DSPA is finished I type CLOSE (E) and go on to the next job. I have included another listing of my SETUP CF in the lower left corner of this page because I want to run through parts of it again. SETUP is the CF that automatically runs right after you type in the current date when TIB is loading. The first important line is INSTALL LOAD DSK5.INST2. This line takes the one file that holds all 11 Macros from 25.1.1 and loads them into INSTALL. As soon as that is done the 11 Macros are ready to use. Next I set the screen colors I like. The third thing I do is load up the printer commands from my personalized Db as I tried to demo in TUT 24.1.1. The last command I issue from SETUP is DO \RES, which runs the RESET Macro that should now be in the INSTALL area. You should take special notice that you must include the [DO] when running a Macro from a CF. If you run a Macro from the Dp the [DO] is not used. The last 20 lines of SETUP are all comments. By my positioning, these lines will remain on the screen after SETUP is finished. This allows me to refresh my memory as to the Macros which I have loaded into INSTALL and to possibly print out a copy of this screen, using SNAP, if need be. This whole job was a lot of work the first time, but now that it's done, and runs itself each time I start TIB, it's a great little tool. I need to throw in another important note. INSTALL works like a stack with the last item you put in being the top of the stack. This means that you cannot remove and/or replace an item in the middle of the stack without extracting and replacing all the items above it in the stack. For example, if I want to remove \D1 from INSTALL, I must enter INSTALL REMOVE \D9 (E), INSTALL REMOVE \D8 (E), INSTALL REMOVE \D7 (E), INSTALL REMOVE \D6 (E) and finally INSTALL REMOVE \D1 (E) to accomplish my goal. You would then need to replace, using ADD, any of the Macros you did not want removed with \D1. For this reason you need to place the most temporary Macros at the end, or closest to the top, of the stack, as I did with 1LBL91. If you need to REMOVE something that is more than half way into the stack, you should consider using INSTALL CLEAR to CLEAR everything out of the INSTALL area and then put back what is needed. There is a little more information on ADDing CFs to the INSTALL area, using those CFs and then REMOVE(ing) them from the INSTALL area, from another CF in the April, May and June 1990 Newsletters, if you're interested. This is something that you must be determined about, plus you must start small and expand the number and size of your Macros slowly. As a matter of fact you could say that about TI-Base in general.

A special note from Marty

I do not anticipate doing any more TI-Base Tutorials. If I find the time I may try and write something, but I do not expect that right now.

Good luck.

Marty.



DISK 91048

This disk contains downloads from Genie:

GBSSECEDI (Archived) - A nice sector editor written by a guy whose initials are GBS, whose name I have forgotten. It has a nice feature in that you can display three sectors at once in ASCII characters.

LOADIT is an XB program which will display the disk contents and run, delete etc. the disk files

RODNEYDANG is a Rodney Dangerfield comedy routine. If you like his style of humor you will get a chuckle out of some of these. He said he gets no respect- He met the Surgeon General who offered him a cigarette.

TI-MAZOG is an assembly game similar to Pac Man or Munchman.

TIBEDITOR (Archived) is a TI Base Editor. I think it allows creation of DV80 files that can be used by TI Base.

TICTACTOE should be obvious. It is elsewhere in the library but I hated to erase it.

TIONIBM is a text discussion on a project to write a program which will allow IBM programs to run on the TI.

DISK 91049

Another disk loaded with archived files from Genie.

C64FUN: A spoof on the Commodore 64 with excellent graphics. Humorous too!

DISK-EDIT: (Archived) A disk editor program with some nice features.

JAWBRKARC: An archived PD program in assembly which is elsewhere in the library but there was room for it on this disk. If you haven't tried it, do so because it is one even an adult can enjoy.

MANHOLE: An XB program similar to Frogger.

NETWORTH: (Archived) An XB program to calculate your net worth. I don't know if will handle negative numbers.

SIMONSEZ: A computer version of the childhood game.

XBTOPAGEP: Converts DV80 files to Page Pro.

DISK 91050....SAT #1

Written by Jim Peterson of Tigercub. It is to sharpen one's skills to prepare for a SAT test. Contains 19 XB programs to test vocabulary knowledge. Well written.

DISK 91051....SAT #2

Same as DISK 91050 but has different words.

DISK 91052....SAT #3

As above but also tests for antonyms and synonyms. If you don't know what those are you need this disk.

DISK 91053....ASTRONOMY #1

Contains eight XB programs and a loader which deal with various aspects of astronomy such as constellations, moonphases, orbits, planets etc.

DISK 91054....HIGHER MATH #1

A Tigercub production of twenty three XB programs dealing with Algebra, area under curves, factorials, statistics, quadratic equations and many others.

DISK 91055....HIGHER MATH #2

Twenty six Tigercub XB programs similar to above dealing with math routines and tutorials.

DISK 91056....HIGHER MATH #3

Seventeen XB programs as above.

DISK 91057....PRECISION MATH

PRECISION MATH is a an archived tutorial written by Jim Peterson dealing with the math abilities of the TI. He is of the opinion the TI is superior to other computers as far as accuracy because of its sixteen bit processor. However this results in a loss of speed. Jim explains how the TI handles various math routines. There are a number of XB programs with numerous REM statements explaining what is going on. It is archived but the archive program is on the disk to facilitate un-archiving.

DISK 91058 RELIGIOUS PROGRAMS #1

Tigercub disk containing quizzes and studies on the books of the Bible.

DISK 91059 VOCABULARY AND READING #3

This Tigercub disk contains XB programs to instruct and test one on antonyms, homonyms, and speed reading. I think the SPEEDER program is very well written. It allows setting the time one gets to view a sentence on the screen and then asks a question to test for comprehension. There is also a GENERATOR program to create your own tests.

DISK 91060 VOCABULARY AND READING #2

Another Tigercub disk to teach and test on language skills. When to CAPITALIZE words for example, and proper use of pronouns.

DISK 91061 VOCABULARY AND READING #1

More XB programs from Tigercub on grammar and vocabulary. Deals with proper use of verbs, adjectives, plurals, animal multitudes, "ing" words and nouns. There is a clever reading program called DOCTOR/WHO that has a text to read and a quiz to find out how much you remembered. The text reads like something out of "Alice in Wonderland." There is also another Speed Reading program and tests on synonyms and antonyms.

DISK 91062 SIDE*PRINT V 3.4 UTILITY

A fairware utility written by Jim Swedlow that allows printing Multiplan screens or TlWriter files sideways. Extensive documentation included.

DISK 91063 SIDEWRITE V 2.1 UTILITY

A fairware utility written by Mauro Tomietto to print Multiplan and TlWriter files sideways. Documentation included.

DISK 91064 PROGRAMMING UTILITIES

Jim Peterson is an excellent XB programmer and this disk has thirty four XB routines that can function alone or be used in your own XB creations. I don't know what all of them are. One of them, DATAWRITER, I have used. It facilitates adding documentation to a program. Using DATAWRITER, the instructions can be typed on the screen and DATAWRITER then writes them as data statements with a program to print them. This program can then be merged with the program than need the instruction. This disk contains, 2DIMSORT, COMPACTOR, LINEWRITER, MEMTEST, SHRINK, SUPERTRACE, and many, many more. If that isn't enough there is also an ARCHived selection of mergeable routines.

DISK 91065 MULTIPLAN DEMONSTRATION

If you have never used MULTIPLAN, this is the disk for you. There are two tutorial files, an archived file of fonts, and a step by step demo showing how to create a file. You will need the MULTIPLAN cartridge to get the most out of this tutorial. It was written by Kathryn D. Coonley and Erwin H. Metz. There is also an archived file called SYLK by Peter Walker which allows transfer of data between multiplan spreadsheets and other programs.

DISK 91066 PROGRAMMING UTILITIES #1

Included is the CHECKSUM program where you can check for errors as you type in a program from MICROPENDIUM where they show the checksum numbers at the end of the line. CHECKSUM will generate a checksum number which should correspond with the printed number. It will also put these numbers as REM statements at the end of your

program lines. There are eight other utilities including PROCALC, SPRITEBLD, SPRITETST, TITLEGENER, EDIT/AID and LISTLONG.

DISK 91067 DRAWING PROGRAMS

This is a collection of nine drawing and doodling programs. I looked at a couple of them and they looked pretty good. You can save your drawings to disk if you wish.

DISK 91068 LOGO II UTILITIES

This is for you owners of the LOGO II cartridge. These programs will allow you to send the LOGO sprites and characters to a printer, which is something the LOGO cartridge cannot do.

There is also a LOGO AUTO STARTER, which allows you to patch a LOGO file so it will start automatically once its loaded again with the LOGO module. These utilities were written by Paul Rebel in the Netherlands.

DISK 91069 GENEALOGICAL DATA BASE

The README file says that this program is not intended to teach how to research your ancestors but to create a genealogical data base once you have the information compiled. It is an assembly program that has sections to cross reference, review, search and include information on illness, pedigree, etc.. There is a very large archived file called GRK/ARK that has many routines.

DISK 91070 GOSPEL MUSIC

Jim Peterson loves music and this disk contains some beautiful gospel music including ABIDE, BEULAH, RUGGED, NEARER and many others. It is great for singing along too because as the music plays, graphics are displayed and the text of the music is shown also. It changes as each verse is finished. There are twenty six songs on this disk.

DISK 91071 MISCELLANEOUS UTILITIES

More Tigercub utilities written in XB. 3X3 is a program for use by children. It displays letters in a tall thin line format. BORDER shows a screen with a seemingly endless variety of borders. NEON is written in BASIC and will not run in XB. It displays two messages on the screen with moving colored lights moving around them. SCRUNCH shows how to display numbers on the screen that are very tiny. There are several others programs and all of them could be used to embellish your own programs in addition to being entertaining by themselves.

telecommunications program and then reconverted to an archived file and unarchived in the usual manner. Thus, the sender and receiver both need a copy of the program. We have two programs on the FREENET at the moment...one is MAGIC FM which is a terminal program specifically for transferring files between your TI and a PC. It transfers at 19000 baud and you can sit at either keyboard to do your commands. The other is "Woodstock", the classic by Ray Kazmer.

I did have problems in downloading these via TELCO or FASTTERM in that when the TI stops to dump the log to disk, I lose characters. Of course, if this happens, you get error messages and the program will not reconvert to an archived file. Bob Gilpin, a student at CASE, says that you can tell the other end not to send while this is happening. I admit that I am not too smart when it comes to telecommunications and spent the better part of one day trying to get this to work and could not. I have left a message for Bob when he gets back from XMAS vacation to tell me the secret.

I did download the others on my PC and transferred them back to my TI via PC TRANSFER and then rearchived and ran as promised. Thus, if we can get this working correctly, anyone can upload and download programs to the TI SIG on FREENET. We had hoped to stir up some interest with this feature, but as yet, no one has left me a message on the FREENET requesting TIED. As promised,

though, it is in the hands of our librarians, Marty Smoley and Harry Hoffman.

Last month we told you how you could send E-mail via CompuServe. Space will not allow this month for a similar tutorial on FIDO, INTERNET and BITNET. There is another NET out there called USENET which is another article all in itself.

If you have a modem, please get your user ID and frequent the FREENET. If you don't have a modem yet, Marty Smoley got on of the Atari modems advertised in the DAMARK catalog (1200 baud) for \$19.95 and says that it works fine. I have seen the SmartOne that I paid \$160 for three years ago advertised for \$79.00, so it is not expensive to get started with telecommunications. If you use the FREENET, you have NO monthly connect charges.

For our out-of-town readers and members, the FREENET is not limited to Cleveland area users. We have people from all over the world. If you have access to an 800 number, or belong to PC Pursuit, you can also use the FREENET at no cost. There are sigs for almost any interest you can imagine, chess, cuisine, travel, business, etc., etc., besides all of the computer brands. There is an ADAM, Commodore, Apple, Atari, Timex, IBM, TI, etc.

The phone number of the FREENET is (216)368-3888. You can come in as a "visitor" and pick up an application.

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