

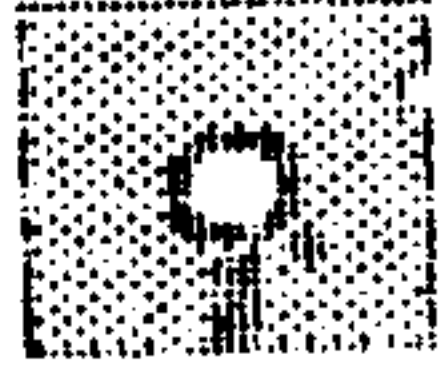
# CLEVELAND AREA TI-994/A USER GROUPS NEWSLETTER FEBRUARY, 1992

OFFICERS	NORTHCOAST	TI-CHIPS	MEETING DATES
CO-PRESIDENT	KEN GLADYSZEWSKI 1-357-7274	MATT ANDEL 676-9759	NORTHCOAST 1:30 P.M. TI-CHIPS 10 A.M.
CO-PRESIDENT	WALT RYDER 921-8223	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 MARCH 21, 1992 APRIL 18, 1992 MAY 16, 1992 JUNE 20, 1992
SECRETARY	BERNIE ZUCKERMAN 381-4088	DENNIS LIKENS 842-9627	
LIBRARY(DISK)	MARTIN SMOLEY 1-257-1661	HARRY HOFFMAN 631-2354	
TAPE & MODS)	FRANK JENKINS 283-8526	JOHN PARKEN 331-2830	
HARD COPY)	DICK ALDEN 1-352-9172		



From all of us at: North Coast 99er's, TI-Chips, User Groups all over that have used your expertise at being the best News Letter editor in the TI world!

Thank you from the bottom of our hearts!!



# NORTHCOAST 90ers

The Jan. 18, 1992 meeting was called to order at 1:30 PM by Co-president Ken Gladeszewski. There were 21 members present. The treasurer's report was given by Frank Jenkins and covered two months. Wes Richardson reported that \$20.00 was collected from the raffle of donated equipment last meeting. A motion was made and passed to give the money to the Salvation Army, which was the desire of the donatee.

The minutes of the last meeting were accepted as read.

Ken and Marty visited Bob Kagy last week and found him well on his way to recovery but not quite ready to come to any meetings yet. Ken advised the group of the purchase of two 1/2 Ht. drives for the club's computer since we were having trouble with the old ones. They were purchased at Digital One, where Dan Davenport is Chief Technician. He also was once Co-president of our group! Marty has also purchased a 3.5 in. drive there, and it works with his Myarc Controller.

Alice Trask is sending Walt Ryder her problem Calendar program, and if he gets the problem solved he may demonstrate it at the next meeting. Marty is lined up to demo on Word Processing, also. Deanna has been on Freenet and has had no response from TI'ers from our groups. Barry Boone, of Archiver and Rapid Copy fame, and Clint Pulley, of c99 fame are both on the board. There are programs Deanna has uploaded some programs to the board. She suggested getting a modem and joining Freenet and using it (Tele No. 368-3888) or if having a hard time getting on call the Public Library at 623-0623 to access Freenet. Other cities and boards can be accessed thru Freenet, AND IT'S FREE!

New business: Marty suggested the club buy a Ram Disk since we have the wherewithal. A motion was made and passed to purchase Harry Hoffman's Horizon RDisk as Howie has none made up. Harry said he would demo it at a future meeting. Several advantages were given for the use of a Ramdisk such as keeping many programs permanently in memory for very quick access of demos.

Deanna confirmed that the Lima Multi User Group Conference will be held May 15-16, 1992 at OSU Lima Campus. Contact: Lima 99/4A Users Group, P.O. Box 647, Vendocia, OH 45894 for info. Ken said there is computer/amateur radio show at the fairgrounds in Mansfield, OH on Feb. 9th. Much hardware and parts for sale! Also, each month there is a computer show at the Holiday Inn, Strongsville where parts can be had. Ken remarked that Radio Shack very often has some interesting things for us at their closeout table.

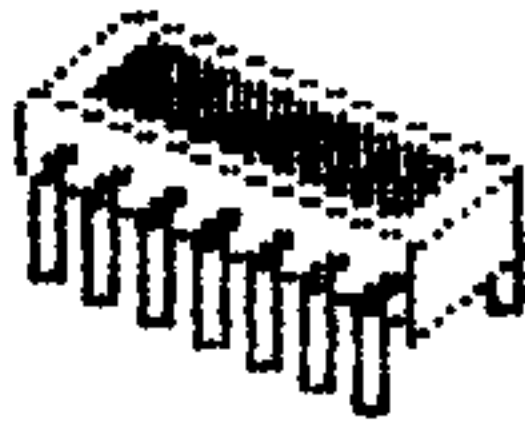
Matt Andel demonstrated Sound F/X, a program that uses sound chip in the computer to give you great voice and sound. The amount of extra memory such as a Super Cart or 80 column device gives you access to the larger files on the disks. Several sounds, including a portion of Pres. Bush's speech was demoed.

The second demo was by Ken, who gave a very interesting and technical lecture (including charts and drawings) of how he was able to construct an analog to digital converter for the TI. This permits him to take 5 or 8 channels of information into the console and with an XBasic program convert inputs into digital memory for display on the monitor.



Don't forget your Sweetheart





# TI-CHIPS Notes

Meeting opened at 10:15 AM. John Parken reports that membership is down to 32 members, with a possible new out-of-town member from N.Carolina. He's had only one response to the form letters he sends out. John thanks Dan Williams for taping him while putting XB cartridge in a TI console. Also for queing him to talk while working, so everyone knows what is happening.

Harry Hoffman quit as librarian - Matt Andel will take over. The new disks will be picked up at North Coast and will be available for the next meeting. Clyde Wachter, from Maryland, is doing fine and enjoying his new grandson. Maybe we'll see him at Lima again this year.

Matt will be stepping down as President and Glenn Bernasek with Dinny Stockdale may be elected Co\_Chairmen next month. It seems to work fine at North Coast, so we'll give it a whirl. Dinny reported that Virgil Thomason was in the hospital. (Glenn called later to tell us Virgil was O.K. and would be home in a few days.) GOD BE WITH YOU VIRGIL. Dinny and Virgil come to meetings all the way from Wooster. (about 80 or so miles), and Vonn Malcuit and his wife Mary Ann comes from Fredericksburg. (about 90 or so miles). WAY TO GO GUYS!

VOTING FOR OFFICERS WILL BE PUT OFF UNTIL NEXT MONTH.

Wes Richardson was at our meeting, selling off some surplus equipment. He was asked to put on a tutorial on Assembly Language. He agreed to do so for the March meeting, but warned us that he will need volunteers from the group to help him at the keyboard.

Les Kee gave a demo of a program he typed in from the Dec, 1991 issue of MICROpendium, written by Jerry Stern - one of TI's best programmers. With this program you can add or edit in visuals and sound to your video tapes or

camcorder to make them more interesting and colorful. Using a couple of RCA plugs for video and audio and a 5 pin TI computer plug to adapt - you can use this program to put in titles, sprites, and sound. (whatever is on your monitor, also goes to your VCR or camera), to your home videos, or demonstrations. The program has an excellent menu with some interesting new features. You can load in 6 screens at once, edit screens, listen to the sounds, give sounds a new length, etc. Being an XB program you can change sounds, etc. to suit yourself. A very extensive and neat program. THANKS LES for the Demo.

Dan Williams demo'd a Wheel of Fortune game he and his son Rob wrote together. Each did his own section, then merged them and it ran. WOW! Some bugs, but it is cleaned up now. It's a really good program, with a menu that lets you edit puzzles, check how many times a puzzle has been used, and more, but no Vanna! Dan put this game in the library. THANKS A LOT DAN.

Glen brought up the subject of PE Box cards that work loose because of fit and the fact that the styrofoam blocks on the lid wear out in time. He talked about making sure the card is seated good, by adding tape or auto foam tape to the top to hold Cards in place. Several others have had this problem too.

Lin Shaw gave his treasurers report. We're doing fine.

Everyone at CHIPS welcomes BRUCE WILLIAMS, who signed up at this meeting. Welcome aboard Bruce!



SENDING ELECTRONIC MAIL ON FREENET  
VIA INTERNET, FIDO AND BITNET

By Deanna Sheridan - NorthCoast 99ers - Cleveland, Ohio

Last month I told you how you could send E-Mail to people on COMPUSEVE if you knew their ID number. This month we will go into the system a little deeper and explore FIDO, BITNET and INTERNET. When logging onto FREENET, chose TELEPORT from the main menu. You will have several options with instructions for the various methods of sending mail. First, is an explanation of what the teleport does as follows:

I have spooled off the instructions from the FREENET and, even though some of this may be very dry for you, I am publishing them because we have members from our group all over the country. We also trade newsletters with 25 other groups, and I think it important they know how easily they can communicate with us if they would like. Also to any of you out-of-town members or readers of our newsletter, the Cleveland FREENET is available to ANYONE, ANYWHERE. You do not have to be a resident of the Cleveland area to obtain an ID number and have access to the various boards and SIGS. If you work where you have access to an 800 number or belong to PC Pursuit, you can have all the benefits of the Cleveland FREENET at no charge. There are SIGS there on almost any subject you can imagine.

If you do not now have a modem, we hope to inspire you to purchase one and join the world of telecommunications. Marty Smoley got one of the \$19.95 Atari modems from the DAMARK catalog that is working just fine. I have seen the Smart One 2400 baud that I paid \$160 for three years ago going for \$79.00, so it is not expensive to get on-line anymore!

#### ABOUT THE TELEPORT

As you probably know by now, the Cleveland Free-Net is based around an electronic "city" motif. Consistent with that theme, what we really wanted to put in here was an "airport" -- a place which rapidly transports you from point A to point B. But the term airport didn't seem quite appropriate for an electronic city, so we invented another... the Teleport... a place that electronically transports your COMPUTER from one place to another.

The Teleport has two sections: The Packet Express (with apologies to the old-time pony service of similar name) and the Terminal Tower.

The PACKET EXPRESS explains how you can have electronic mail from the Cleveland Free-Net to over 100,000 locations world-wide through a variety of network services. Most of these services operate by placing your electronic mail into small electronic packages, called "packets," and relaying them from computer system to computer system at very high speeds (56,000 bits per second in most cases) until your electronic mail gets to its destination--thus the name, Packet Express.

The TERMINAL TOWER will allow you to connect in "real-time" to two services: the Cleveland Public Library computer in downtown Cleveland, and to CWRU's library

computer--EUCLID. As time goes on, we hope to add many more computer systems that you can "teleport" to, including virtually all the major research and public libraries in northeast Ohio.

The Packet Express is brought to you by CWRU and the National Public Telecomputing Network.

The Terminal Tower is brought to you in part by a grant from the Pew Charitable Trust.

#### <<THE PACKET EXPRESS>>>

- 1 About the Packet Express
- 2 The CompuServe Connection
- 3 The Internet Connection
- 4 The BITNET Connection
- 5 The FidoNet Connection
- 6 Send electronic mail via the Packet Express

-----  
Your Choice ==> 1

#### ABOUT THE PACKET EXPRESS

The Packet Express is a section of the Free-Net containing detailed information about sending electronic mail from Free-Net to other computer systems located around the world.

You should really know that mail can be sent to all of these destinations from the regular Free-Net Post Office, and that's probably the route you will take once you become a grizzled veteran. (Say, tomorrow...).

While you're learning the finer points, though, you can find the information you will need about electronic mail addresses posted here. Expect more systems to be added as time goes on.

When your long-distance correspondents reply to your electronic mail, or just decide to send you unsolicited messages, they will arrive in your regular Free-Net Post Office box along with your local electronic mail (the analogy to your U.S. Snail box is quite close). Read your exotic foreign communications through the same "check mail" process in the post office you currently use to read your local mail.

Last month we covered COMPUSEVE, so will skip that feature in this article. On to Internet...

#### -----INTERNET

It is now possible to send electronic mail to, and receive e-mail from, any of the 120,000 or so Internet nodes world-wide via the National Public Telecomputing Network (NPTN) Internet node. The process is as follows:

TO SEND EMAIL FROM THE FREE-NET TO AN INTERNET ADDRESS:

1. Obtain the Internet address of the person you wish to reach through other channels, as there is no central directory. A phone call or letter should do it. It will probably be of the form "person@place.suffix".... say, "hobbes@csuohio.edu".

2. Log on to Free-Net and visit the Post Office. Choose "send mail" from the post office menu.



2. Log on to Free-Net and visit the Post Office. Choose "send mail" from the post office menu.

3. When Free-Net gives you the "To:" prompt, type: hobbes@csuohio.edu

PLEASE NOTE: INTERNET ADDRESSES ARE SOMETIMES LENGTHY AND MUST BE TYPED CORRECTLY CHARACTER FOR CHARACTER; FREE-NET IS UNABLE TO CONFIRM THIS TYPE OF ADDRESS.

4. Compose your Free-Net e-mail message as usual.

5. Send as usual.

Your message should arrive within anywhere from half an hour to several hours, depending on the distance involved and the Internet load. If undeliverable it will return to your mailbox as a note from the mailer daemon.

#### TO SEND E-MAIL FROM INTERNET TO A FREE-NET ADDRESS:

1. The person at the other end will need the Internet address of your Free-Net post office box. This is determined by adding the suffix "@cleveland.freenet.edu" to your Free-Net id, or "@po.cwru.edu" to your CWRUnet id. examples:aa002@cleveland.freenet.edu wab2@po.cwru.edu

2. The person at the other end can use whatever facility is normally available to them for sending Internet mail. When prompted for the destination of the message, they will type: aa002@cleveland.freenet.edu (or, more likely, something similar... I don't want your mail in my box)

3. They will send the message as they usually do on the Internet. That's all there is to it!

Note: As a result of my article that showed Barry Boone was on the FREENET, I have been corresponding by Internet (I think) with James Green, Librarian of the Cedar Rapids UG. The last part of his address has rockwell.com, so I am assuming that he works at Rockwell and sends out his messages on a network they use that is either a part of Internet or interfaces with Internet. So, if we changed Item #2 above to be aa726@cleveland.freenet.edu anyone reading this article who has access to Internet could send me a message, and I could reply to same.

#### OTHER INFORMATION

1. Keep in mind that with the Internet you are limited to messages of no more than 50,000 characters or 1000 lines (whichever comes first).

2. There is no charge to you, as a Free-Net user, for this service.

3. Internet users at the other end are subject to any fee structure normally associated with their use of the Internet.

#### THE BITNET CONNECTION

It is now possible to send electronic mail to, and receive e-mail from, any of the 5,000 or so BITNET nodes world-wide via the National Public Telecomputing Network (NPTN) Internet node. The process is as follows:

#### TO SEND EMAIL FROM THE FREE-NET TO A BITNET ADDRESS:

1. Obtain the BITNET address of the person you wish to reach through other channels, as there is no central directory. A phone call or letter should do it. It will probably be of the form "person@place".... say, "conan@barsoom".

2. Log on to Free-Net and visit the Post Office. Choose "send mail" from the post office menu.

3. When Free-Net gives you the "To:" prompt, type: conan@barsoom.bitnet

PLEASE NOTE: THE "DOT BITNET" AT THE END IS A NECESSARY PART OF THE ADDRESS. ALSO, FREE-NET IS UNABLE TO CONFIRM THIS TYPE OF ADDRESS, SO TYPE CAREFULLY...

4. Compose your Free-Net e-mail message as usual.

5. Send as usual.

Your message should arrive within anywhere from half an hour to several hours, depending on the distance involved and the load on the network. If undeliverable it will return to your mailbox as a note from the mailer daemon.

#### TO SEND E-MAIL FROM BITNET TO A FREE-NET ADDRESS:

1. The person at the other end will need the BITNET address of your Free-Net post office box. This is determined by adding the suffix "%cleveland.freenet.edu@cunyvnm" to your Free-Net id, or "%po.cwru.edu@cunyvnm" to your CWRUnet id. examples:aa002%cleveland.freenet.edu@cunyvnm; wab2%po.cwru.edu@cunyvnm

2. The person at the other end can use whatever facility is normally available to them for sending BITNET mail. When prompted for the destination of the message, they will type: aa002%cleveland.freenet.edu@cunyvnm

3. They will send the message as they usually do on BITNET.

#### CAUTION

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BITNET is not terribly standardized throughout. We have recently learned that there continue to be a number of BITNET nodes which cannot send addresses in the form listed above, though they tend to use the same pieces put together in interesting ways. For this reason we offer the following suggestions for people trying to send BITNET mail into Free-Net:

1. First, try the "reply" function within your own system (assuming, of course, that you have a message from Free-Net to which you can reply).

2. If that doesn't work, try the form of address listed above.

3. If that doesn't work, contact your system administrator; this may be the only person at your site who knows the arcane secret of how to route BITNET mail through the Internet from your location.

#### OTHER INFORMATION

1. Our BITNET traffic is routed through the Internet, so keep in mind that with the Internet you are limited to messages of no more than 50,000 characters or 1000 lines (whichever comes first).

2. There is no charge to you, as a Free-Net user, for this service.

3. BITNET users at the other end are subject to any fee structure normally associated with their use of BITNET.

#### THE FIDONET CONNECTION

It is now possible to send electronic mail to any of the 6,000 or so FidoNet nodes world-wide via the National Public Telecomputing Network (NPTN) Internet node. The process is as follows:

#### TO SEND EMAIL FROM THE FREE-NET TO A FIDONET ADDRESS:

1. Obtain the FidoNet address of the person you wish to reach through other channels. FidoNet addresses use a three-part format... for example, 1:125/555. (In this case, "1" would be the zone, "125" the net, and "555" the individual node). You will also need the name under which your intended recipient logs into that FidoNet node ... let's say, "Milo.Bloom".

2. Since Free-Net's FidoNet traffic is routed through Internet, you must convert the address into one which can be handled by the Internet. You'll have to disassemble the FidoNet address and use the parts in combination with some other new pieces.

The example above will become:  
Milo.Bloom@f555.n125.z1.fidonet.org

The name (Milo Bloom) and the numbers will change from person to person; the punctuation (@ and periods) will not, nor will the presence of the f,n, and z preceding the numbers or the ".fidonet.org" at the end of the address.

3. Log on to Free-Net and visit the Post Office. Choose "send mail" from the post office menu.

4. When Free-Net gives you the "To:" prompt, type:  
Milo.Bloom@f555.n125.z1.fidonet.org

PLEASE NOTE: THIS ADDRESS FORMAT IS LENGTHY BUT MUST BE TYPED CORRECTLY CHARACTER FOR CHARACTER; FREE-NET IS UNABLE TO CONFIRM THIS TYPE OF ADDRESS.

5. Compose your Free-Net e-mail message as usual.
6. Send as usual.

Message delivery time is difficult to predict due to FidoNets unusual mail-forwarding procedures.

=====  
The following information was furnished by FidoNet to supplement the basic instructions posted above  
=====

You are receiving this message due to an interest in how to send mail from the Internet to FidoNet, or because you have addressed a message incorrectly and it has bounced here at my gateway.

FidoNet is fully coupled into the Internet. You do not need to know any specific gateways, just address the message correctly into the fidonet.org domain, and everything will be routed automatically.

FidoNet addresses can be addressed in the basic format of:

FirstName\_LastName@pw.fzz.nxx.zyy.fidonet.org  
ww= Point Number (this is usually not needed unless specific to a subsystem)  
zz= FidoNet Node  
xx= FidoNet Network or Region  
yy= FidoNet Zone (Presently only 1 to 5 are valid)

Therefore, as an example, my name David Dodell, resides at FidoNet address 1:114/15. My FidoNet Internet address is: David.Dodell@f15.n114.z1.fidonet.org

#### TO SEND E-MAIL FROM FIDONET TO A FREE-NET ADDRESS:

The following information was furnished by FidoNet in response to our inquiries about sending mail into their system from Free-Net.

Now how to you go from a fidonet node to a internet style address? Just as easy, however, you need to find a gateway on fidonet first, since there is no automatic routing to internet gateways at this time. For example, you could use my gateway at 1:114/15

You would send a message to the user "uucp" at 1:114/15.

In the first line of the text, you put the internet style address, followed by 2 returns, i.e. The addressing is in the form: To: user@site.domain

For example, to send to my bitnet account of ATW1R @ ASUACAD, the fidonet message would go to "uucp" at fidonet address 1:114/15. The first line of text in the body of the message would be: To: atw1r@asuacad.bitnet

Or to my uucp address: postmaster@stjhm.c.uucp  
To: postmaster@stjhm.c.uucp

#### -----SUMMARY

I hope the articles of the past couple of months have helped you realize what an advantage we have over other people around the country with our FREENET. My main problem is accessing FREENET in the first place. One almost has to be able to operate at odd hours to get one.

I managed to get on just before I finished up this article (Friday, January 17), and found that Clint Pulley is now a FREENET member. Barry Boone is back after Christmas vacation. E-Mail to CLINT at the FREENET, his ID is bk024@cleveland.Freenet.Edu. (I was cut off before I could copy Barry Boone's #. Wonder of wonders, if anyone would like to correspond with me, my ID# is aa726@cleveland.Freenet.Edu.



## Hungarian gulyás soup (in English),.....

This is a watered down version of the real thing since most modern people cannot stomach rich food anymore, example; at the last meeting somebody asked me HOW RICH THIS FOOD IS ? (because his wife is on a strict diet) and even when she makes herself a lemonade she has to skip the lemon (because she breaks out from it) and of course she doesn't use sugar in it either (because she is a diabetic).

Okay lets begin with the soup recipe which is for four people and if you have company of eight, just double the recipe and if you have more than eight people then I suggest a nice Hungarian Restaurant.

Ingredients;..... 2-tblsp. LARD,..... but if your stomach or doctor won't let you use lard then try margarine or oil (but it won't be the same).

PAPRIKA,..... Hungarians use paprika on everything just like Italians use tomatoes and in this soup you can use as little as 1/4 of a teaspoon of paprika or as much as 4 heaping tablespoons of paprika (so you be the judge of that according to how much your stomach or doctor allow you to have).

What kind of paprika ?,..... 100 % sweet delicate Hungarian paprika (not hot) which is a red powder that comes in a can and is available at any super market.

1-lb. BEEF,.....1-large ONION,..... 1-GREEN PEPPER,..... 2-large CARROT,..... 2- PARSLEY ROOTS and GREENS,..... 2-stalks CELERY,..... 1-fresh TOMATO,..... 2-medium size POTATOES,..... 1-tblsp. SALT

Cut up all vegetables to bite size except the parsley greens, which will stay in a bunch and can be removed when the soup is done.

To start,..... saute the chopped onion in lard and when the onion is half way cooked add the following; MEAT (washed and cut into small bite size squares), TOMATO (cut into pieces), SEASONINGS (salt and paprika) and 1/2 cup of water, cover it and cook it SLOWLY until the meat is tender (stir once in awhile and add a little water as needed so the meat won't burn to the bottom of the pan).

This is the most important part when you are cooking the seasoning in high concentration into the meat slowly and the more paprika you use at this point the better the meat will taste later on when the soup is done (it will take you from 1 1/2 to 2-hours ) and if you try to speed it up by pulling up the heat you will burn the meat.

How about that it even rhymes; pulling up the heat, you will burn the meat and when the meat is tender you will add the gander (which is ALL THE CUT UP VEGTABLES EXCEPT the POTATOES), add enough water to cover the vegetables, get it to boil and cook it for half an hour, then add the CUT UP POTATOES (get the soup to boil again) and cook it for another 15-minutes, then add one quart of water (let it come to a boil again) and at this point you can add dumplings (if you like), cook everything for 10 more minutes and you are done,..... serve as a main dish.

What does all this have to do with the T.I. computer ?,..... well at the last meeting they were asking the members to come up with some article they could put in the news letter.

How about this one ?

Oscar Predmetsky  
(TI-chips)

1992 January

PG.6

# HARDWARE HACKING

by Ken Gladyszewski

As reported in the last newsletter, I have been experimenting with a voice recognition chip which has been discontinued by Radio Shack for some time and is now very cheap. At the time I wrote, the circuit was not working but I knew it would and wanted to alert fellow TI'ers to this hardware bonanza. Since then I have it working and have interfaced it to a bare unaltered console through the joystick port using Basic. I hope to have an article about this in the next newsletter.

While acquiring this supply, I couldn't help but notice the following additional close-outs, useful to TI'ers: RS232 surge suppressor (276-1402) was \$16.95 - now \$.99, great for insertion between the TI and a modem to protect the computer from lightning; joystick extension cable (270-1705) was \$5.49, now \$.99; and a bit of color computer stuff - NOTE - this computer is not in the 1992 catalog anywhere. One of the more interesting is an ANALOG MOUSE (26-3025) was \$49.95 - now \$10.00. There was an article about interfacing this mouse to the TI thru the Super Sketch Module in the May 1988 issue of the MICROpendium. This could also be interfaced to the TI using my A to D converter and and included in Basic programs, or someone might modify the mouse DSR included in TI-ARTIST so that the Super Sketch Module is not required. ANY TAKERS??? If no one else does it, I will probably modify some of the drafting programs written in Basic to use this mouse. This would make a nice group project. ANY TAKERS??? As mentioned before, if anyone is interested, I would be happy to correspond. You may write me at:

Ken Gladyszewski  
6440 ST. RTE 86  
Concord, OH 44077

P.S. Here's a twist - parts of a system not "for sale", but "wanted"!

WANTED: Used but not abused - Reasonable

Paraprint cartridge (Grom port parallel) + Oscar Bar Code reader  
MBX Expansion System + Percom Stand Alone Disk Drive  
Muppet Keyboard (Commodore, Apple, or IBM version)  
Koala Touch Pad (as above, or Radio Shack (26-1185) circa 1985  
Electronic Book (Radio Shack (26-3141)) circa 1985/6  
NOTE! Last three items were never available for the TI.

The last time I asked about used items, Ralph Jones of Morro Bay, California, responded. Thanx Ralph! It's being put to good use. Maybe I'll get lucky again? Write to me at the address above.

From Marty at N. Coast: A company that repairs CORCOMP disk controllers and other CORCOMP cards.

99 Computer Repair  
2101 W. Crescent Ave. Unit B  
Anaheim, CA 29801

Call first for Work Order number: 1-718-539-4834



## **Ramcharged Computers**

P. O. Box 81532  
Cleveland, Ohio 44181  
(216)243-1244 (800)669-1214

**"YOUR TI-99/4A & GENEVE SPECIALIST"**

If you own a TI-99/4A computer the address and phone numbers above are quite possibly the only ones you'll ever need again. Why call long distance, never get an answer, talk to a recording and possibly never have your calls returned, call here for this and there for that and go to a local computer store just to have a guy in a fancy suit say TI! I never heard of it or we don't sell anything for that toy. My answer to those guys most of the time is stop over my place and I'll show you how a toy can run circles around your so called computers. I got sick of it myself so Ramcharged Computers was formed in April, 1983. I wanted a place where a person didn't have to come in in a \$1000. outfit and open your wallet full of C-notes to get waited on. I wanted a place where a guy or gal with a \$49.00 computer that wanted a \$5.95 Munchman could get the same service and respect as the one with the \$10,000 system and the \$500 software. Everyone said I was crazy because you can't make any money with low price merchandise and spend so much time with a customer if they only spend \$10 or \$20. They were right. So far. Until I do I still drive truck full time and I'm a computer man part time. But I have a full time heart and I love my TI.

If you want quality service and merchandise (we sell only the best) and every major brand under one roof the Ramcharged is the place for you. We carry many original TI games and educational items, A full line of Asgard Software, a full line of Texaments software, PC transfer, Identifile, a full line of Notung software (IE: TI Casino), 9640 NEWS software for the GENEVE and the list goes on. We also have fairware at a nominal duplication charge and a full line of hardware such as 3.5" and 5.25" disk drives (all with a full 1 yr. warranty), printers, cables for practically every application (all lifetime warranty)

And the most important thing is, you don't have to call long distance and if you do get my answering machine I WILL return your call. Usually same day or next day latest. Ron

PLEASE NOTE NEW ADDRESS!  
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THIS MAY BE YOUR LAST ISSUE!

FIRST CLASS

FIRST CLASS

### NEW EDITOR'S NOTES

I will do my very best to keep this a leading news letter in the community, but know that it will be a very long time before it come close to measuring up to the last 7 yrs. of publications. What will help a lot, is continued support from all the club members in putting the great articles in the news that makes Cleveland one of the best, like Deanna's Freenet article (See: Deanna will not abandon us!), Ken's Hardware Hacker column, and Oscar Predzetsky's Hungarian gulyás soup recipe! A note about Oscar: He gave a great demo on changing his printer's character set to print the Hungarian letters he needed to write family and friends in Hungary. He couldn't make it to the meeting because of a work commitment but made a video instead, sometimes showing Oscar in front of his system and then the screen with TI-Writer showing what was going on with the computer. While we were watching this terrific video, his wife served us a delicious gulyás and a printout of the recipe IN HUNGARIAN. Well, we all asked for the recipe IN ENGLISH! So, here it is.

Happy Valentines Day to everyone!