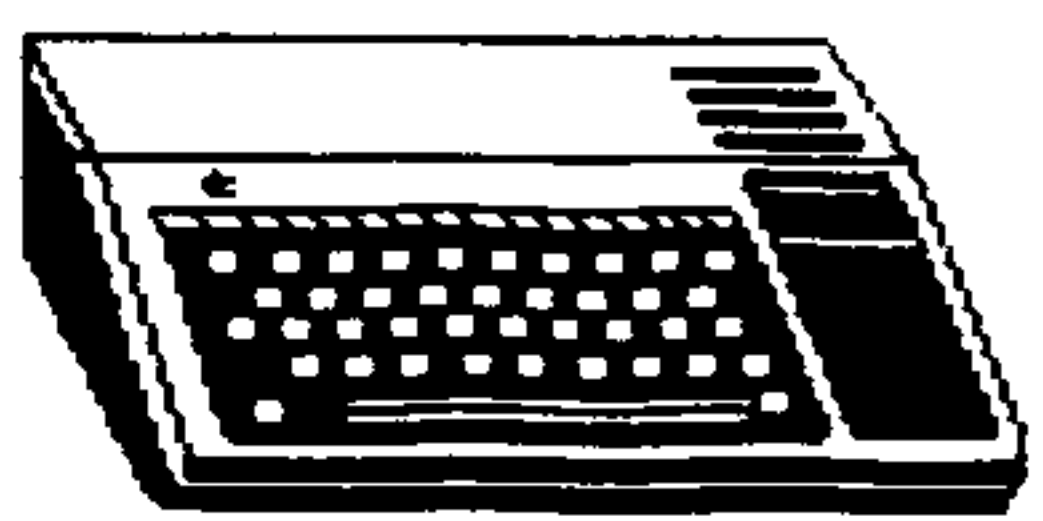




CLEVELAND AREA TI-99/4A USER GROUPS



August - September 1997

OFFICE	TI-CHIPS	MEETINGS
PRESIDENT	Fred Ialacci 941-9397	10-12:00 A.M.
VICE-PRES.	Jim Krvch 979-9295	N. Royalton
TREASURER	Lin Shaw 235-3912	County Library
MEMBERSHIP	John Parken 331-2830 4172 W. 217th St. Fairview Pk., OH 44126	State Rd. SO. of Route 82 1/4mi EVERY THIRD SAT.
SECRETARY	Glenn Bernasek 238-6335	
DISK LIBRARY	Les Kee 238-6938	SEP 20,1997
TAPE & MDDS	John Parken 331-2830	OCT 18,1997
CO-EDITORS	Harry & Nina H. 631-2354	NOV 15,1997

OFFICE	NORTHCOAST 99'ers	MEETINGS
CO-PRESIDENT	Ken Gladyszewski 12163577274	1-4 P.M.
CO-PRESIDENT	"OPEN"	Euclidian Room
TREASURER	Frank Jenkins 283-8526	Euclid SQ. Mall
MEMBERSHIP	Martin Sooley 12162571661 6149 Bryson Mentor, OH 44060	E.26th off I-90 (South) EVERY THIRD SAT.
SECRETARY	Deanna Sheridan 333-5986	
DISK LIBRARY	Martin Sooley 12162571661	SEP 20,1997
TAPE & MDDS	Frank Jenkins 283-8526	OCT 18,1997
HARD COPY	Dick Alden 12162571661	NOV 15,1997



From the Editor's Desk:



Hi Tiers and others,

Nina and I are going to attempt going to Lubbock, TX for the Fest West Fair. It will give Harry a view of where we Tiers got our start. For Nina it will just be a nice trip! We thought of flying, but will save money by driving. It will take longer but we will see the country a little closer.:-)

I don't see many of our club members signing up for the "TI List Server". I've seen Deanna, Glenn, Bruce, Jim, and even Norb Sitter. Not a lot considering the size of our respective clubs. I know many others are using clones to use the list server, so where are you?

In order to sign up, go to your mail system and send an Email letter to:

MAJORDOMO@THERIVER.COM

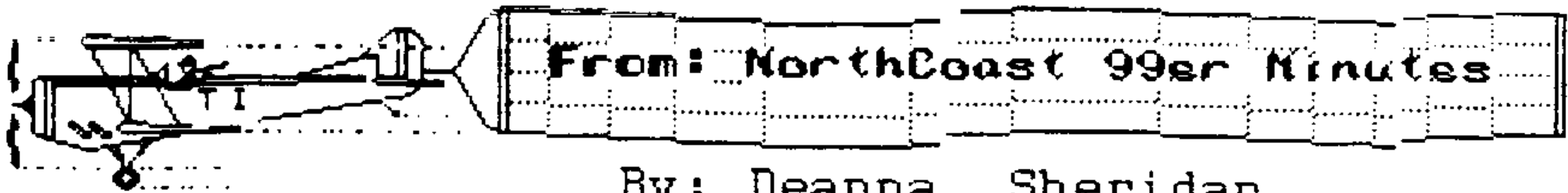
Leave the subject line blank if possible. Some mail systems don't allow this! On freenet I just put a space and enter. It worked! Someone told me AOL does not allow even that. Try just a "no". In the body of the letter type:

subscribe ti99

That's it! To stop using the list server, just put "unsubscribe ti99" in the body of the letter. There is a Web site where Tiers also communicate but I encourage you to sign up this way first and help out Tiers that have no WWW access.

See you at the meeting.

HARRY



By: Deanna Sheridan

JULY and AUGUST, 1997

Ken called the meeting to order. Frank was available with the Treasurer's report.

Under new business, Frank indicated that he would like to give up the printing and mailing of the newsletters which he has done almost since the inception of the original TI groups. Harry stated that he and Nina would be willing to take over. TI-CHIPS had agreed to assist in the purchase of an electric stapler to help her, and it was voted that Northcoast would pay half. We also voted to contribute the equivalent of a laser cartridge for Frank to compensate him for the materials he had used over the years.

The newsletter will be printed on a bimonthly basis which will ease up Harry's load and it is also difficult to find new and interesting articles to print.

Marty gave the demo on some new TI-Base modules he was developing which will allow a fairly inexperienced user to keep track of mailing lists, etc., rather easily and print them out. Some of the modules were not yet working, and he will continue the demo when they are.

The August meeting was called to order by Ken. We had a guest, Ellis Mills, from Akron. No treasurer's report. News from Chips that they will welcome any computer user to their group, IBM, Clone, Apple, etc.

Bruce Rodenkirch had the demo in which he spotlighted a 1987 program of Monte Carlo roulette written by Robert Guilimetz. He also featured the FX sound program from Barry Boone that, when converted to the TI, will take IBM VOC files and play the sound on the TI. Because of the size of these files, only a brief portion will fit into the TI's memory. He also had several disks of sounds available if anyone was interested.

Norb Sitter will have the September demo.
Deanna

 From TI-CHIPS User Group

By: Glenn Bernasek

The July meeting of the TI-Chips was called to order by Fred Ialacci. Fred authorized reimbursement of costs incurred by Glenn Bernasek (1997 Lima video tapes) and Ron Markus (floppy disks) during the MUG at Lima this year. (The expenditure for the floppy disks had been approved by the Chips during the April meeting.)

John Parken reported that the membership renewals are coming in slowly. (This prompted me to renew my membership right then and there.)

Les Kee read that there haven't been any changes or updates to the library. It was stated that as soon as the disks copied from the Lima library are looked at, updates will be coming out again.

I made a short report on the MUG at Lima and stated that the Lima User Group did not, as it has been reported, ask the Chips to host the 1999 conference. Rather, the TI-Chips offered to commit to hosting the 1999 MUG if Lima advised us, by the middle of September, that they were doing the 1998 show.

There was a request from those in attendance that the TI-Chips once again make it clear that we will accept any donations toward the Jim Peterson Award costs. This is a prestigious award that is presented to deserving Tiers world-wide in honor of a great Tier, Jim Peterson. The problem is that the TI-Chips' treasury won't be able to subsidize this award alone forever. This is why we will gratefully accept any and all donations.

Harry announced that the Cleveland Area TI-99/4A User Groups newsletter will be a bimonthly issue and that Frank Jenkins, of the Northcoast 99ers and long time newsletter publisher and distributor, is resigning his position. Harry said these announcements are not warnings. They have happened. Harry gave us a glimmer of light when he said he and his wife Nina would take over the editing, publishing and distribution of the newsletter. However, Harry stated that Nina could hand staple the newsletters. Harry then asked the Chips if we would authorize shared costs with the Northcoast 99ers toward the purchase of an electric stapler. The motion was made, seconded and passed unanimously. If the stapler is purchased, Harry and Nina Hoffman will be co-editors and publishers of the Cleveland Area TI-99/4A User Groups newsletter. Thanks Harry and Nina. Your dedication and service to the TI community is unsurpassed.

Jim Kryon read a letter from Bruce Harrison regarding his production of SuperAMS version of Midi Master. Bruce expressed interest in this project at the MUG at Lima this year, and he came through! It's nice to know that there are those in the TI community who have dreams and ideas and are able to bring them to fruition for the benefit of Tiers everywhere. (With producers like Bruce, our community will most certainly continue to be viable and strong.)

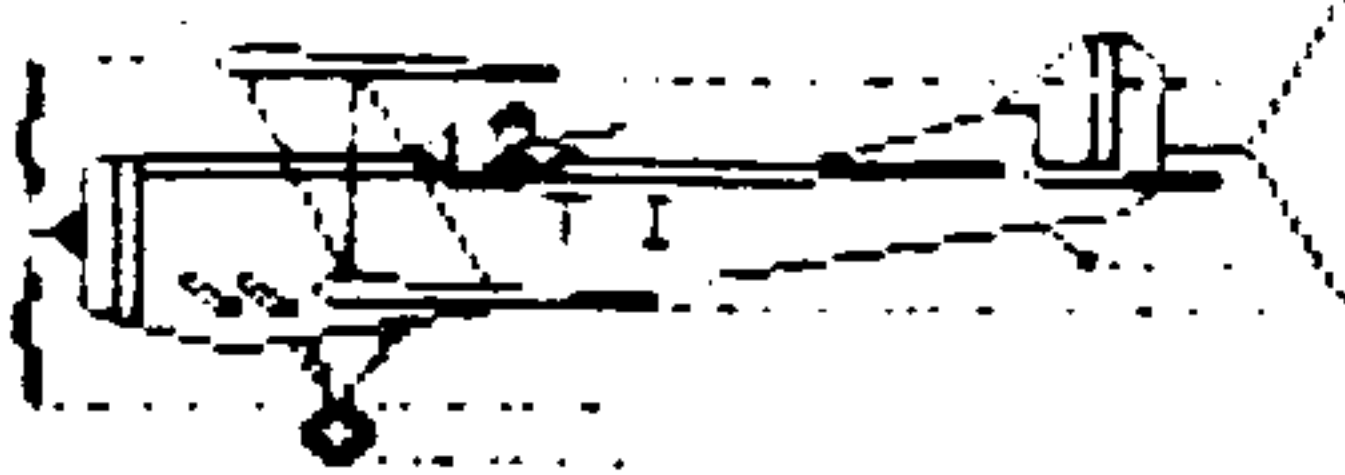
John Parken attempted to get Curt Gadd's Canon BJC-210 color jet printer to print color on the club's system. John tried just about everything that we had in graphic software without success. It was theorized that there might be a problem in the printer itself. John said he would take a look at it and see if he could determine what was going wrong.

Fred Ialacci won the 50/50 raffle. It's about time! Congratulations Fred.



SEPTEMBER 22ND - THE FIRST DAY OF AUTUMN !!!





From: TI-CHIPS User Group

By: Glenn Bernasek

The August meeting was opened by Fred Ialacci and Lin Shaw gave the treasurer's report. Lin said our balance is down and needs to improve. I reported that a Mr. Erwin Enders, from Lemay, Missouri, sent in a request for copies of the 1996 and 1997 video tapes. He included a \$25 check to cover expenses for producing three 1996 and two 1997 tapes. I made a motion that we refund \$5 to Mr. Enders because there were only two 1996 tapes. The motion passed and Jack Koryta said he would make the copies.

I then moved that, because the newsletter is now a bi-monthly issue, the minutes be scheduled in the agenda to be read at each meeting. The motion passed unanimously. It was noted that the reading of the minutes could be waived at any meeting. I then read the minutes from the July meeting of the TI-Chips.

Lin also reported that our former disk librarian, Mark McCauley, donated two FULL boxes of 5 1/4" disks to the TI-Chips. The 5 1/4" disks have become hard to find on the open market. Therefore this gift by Mark is that much more gratefully accepted.

John Parken was unable to attend. Therefore there was no membership report. Our software librarian, Les Kee, reported that he had received disks from Marty Smoley for the library. Les also brought in copies of the library update.

Fred opened a discussion on the possibility of the TI-Chips opening the meetings to discuss and/or demo systems other than the TI-99/4A. A lively discussion ensued with Harry Hoffman, Lin Shaw, Fred Ialacci, Ada Markus, Curt Gadd, Les Kee, Vonn Malcolm and myself taking part. The consensus of opinion was that the time has come to open the Chips' meeting agenda for systems other than the TI-99/4A and the Geneve 9640.

A question was asked if we should change our By-Laws to formally establish the new meeting format. It was decided that the agenda could be adjusted without amending the By-Laws. Membership requirement in the TI-Chips would REMAIN as ownership of or knowledge how to operate the TI-99/4A home computer or the Geneve 9640 system.

Therefore a motion was made to open the TI-Chips' meeting agenda to include discussion and/or demonstrations on non-TI-99/4A or Geneve computer systems (i.e., MS-DOS) on an as requested basis. The motion was made, seconded and passed unanimously. (The TI-Chips has just entered a new era of expanded service and cooperation. The TI-99/4A will always be with us and so will our members and friends.)

Reservation for the TI-Chips to continue to use the large meeting room at the North Royalton branch of the Cuyahoga County Public Library the 1997 - 1998 year was made. The reservation was approved by those in attendance. (There was some discussion about using the smaller meeting room, but the limitations of the room size and equipment logistics made this option undesirable.)

Harry Hoffman reported that an electric stapler has been purchased by the TI-Chips and Northcoast 99ers for Harry and Nina to use in assembling the bi-monthly newsletter.

Harry then informed us of the passing of two long time TIers, Carol Parkins, wife of S.O.N.I.'s President John Parkins and Earl Raquese of the Southern California User Group. Our heartfelt condolences are given to the Parkins and Raquese families.

Harry also brought up the historic Fest West to be conducted this coming February in Lubbock, Texas. (The home of Texas Instruments and the TI-99/4A.) The show has been reported to include presentations by engineers who had part in the design and development of the TI-99/4A. Some TI-Chips members are planning to attend this momentous conference.

Harry ran a quick and informative demo on how the club's Horizon Disk boot program runs to load extended basic programs without having to type in the full file names. This avoids possible typos and retyping of the file name. This was an old but valuable demo. Thanks Harry for the refamiliarization of old and useful techniques.

Lin Shaw won the 50/50 raffle. Congratulations Lin!

Dear Jim,

Happy Bastille Day. I've even put the date in French in honor thereof. Today is a happy day for another reason, that being I've again kept my word to the TI "community", for what that's worth.

Back at this year's Lima affair, I promised to try making a new version of MIDI-Master for those who've bought the Super AMS card. As of yesterday, that new version is completed. It has all of the improvements that were put into my new non-AMS version (2.5Z), but with the ability to use the AMS to handle very large works of music. On my own 256K card, for example, I can use pieces 10 times the size of what the old MIDI-Master could handle.

For testing purposes, Harold Timmons (from the Cleveland Faire) kindly sent me the SNF source files for Rhapsody in Blue. That was four large files, and would have to be loaded and played one-by-one on MIDI-Master. It's hard to get the "flow" of a composition like that when it's interrupted three times to load a new file.

With the new Version 2.5A (for AMS) MIDI-Master, all four sections load in together, and then get saved as 12 memory image files. The work can be played from start to finish without any more loading, and in as "seamless" a manner as possible. This is a truly remarkable new capability.

Pricing and other terms have yet to be worked out, as the Copyright still belongs to Mike Maksimik, and Don Walden has distribution rights for the original. None the less, it's time for the word to go out that there's another new product for the AMS Card owners of this world.

As with the original MIDI-Master 99, the entire program, including all the code to manage the AMS, fits into the Low memory, with 150 bytes left over for "expansion". This version, like the non-AMS version 2.5Z, also includes MIDI Album at no extra cost. The buyer MUST already own MIDI-Master, as I cannot supply the special connecting cable, but that's the only "caution" that needs be said. My usual lucid instructions are on the disk, and in them the user will find out about some undocumented features of MIDI-Master that have been in the software, but not in the "docs". For one thing, the user can have his instrument play a full octave below what Mike's docs indicate, and two octaves above his stated range as well. Not all MIDI instruments can go that far, but most newer ones can. There was more there than we knew.

I'm sending this letter on disk as a "pure" ASCII file, so it will be easy to upload, put in the Newsletter, etc. Thanks for spreading the word.

Best Regards,

Bruce

(Editor's Note: A letter from Bruce Harrison to Jim Krych)

Date: Mon Dec 14 11:40:58 '98
From: twills@theriver.com Tom Wills
Subject: T199: FW98 hotels

Last week three members of the Fest West '98 - Lubbock Committee went to Lubbock to meet with Texas Instrument officials and hotel officials. While in Lubbock, we stayed at each of the hotels that will be used as official hotels for Fest West '98 - Lubbock.

The first night was spent at the Villa Inn, sister hotel to the Koko Inn. These two hotels are very similar, so the comparisons between the Villa and Koko Inns are basically the same. The Koko Inn is letting us have the rooms for \$44 a night. If and when the block of 100 rooms is used up at the Koko Inn, then the rooms at the Villa Inn will be used. The Koko and Villa are two blocks from each other and about three miles from the Sheraton Four Points where the vendor portion of FW98 will take place. Anyone staying at the Koko and Villa will be responsible for their transportation to the Sheraton.

The Koko and Villa, while adequate hotels, are not near as nice as the Sheraton. These inns are older motels that have been remodeled and enclosed. The rooms are comfortable. The rooms along the interior are quiet enough even with a swimming pool in the center of the enclosed area. There are no extras with these rooms. Coffee is available in the morning and there is a restaurant in the motel for breakfast. The meal was good and fairly priced.

The one advantage is for those who really feel they can't afford any more than the \$44 a night. With the \$44 you can get up to four people into a room. People on a budget will be satisfied with this hotel. Think of it as a older Super 8 or Motel 6 that has been remodeled in the past few years.

As for the Sheraton, the rooms will cost \$54 a night for one or two people. It will be an additional \$10 each for a third and fourth person. The amenities of this hotel are many. The rooms are very nice. If you need to iron some clothes, there is an iron and ironing board in the room. There is also a hair dryer in the bathroom. Included is a in room coffee maker with real coffee, not instant. The Four Points is a Hotel, not a Motel. It was an older hotel that Sheraton spent lots of money on to bring up to modern day standards. If you wish, you can even play Nintendo (for a modest fee). There is also a data port telephone in each room. There is a pool and an exercise center here also. In the morning there is a free USA Today delivered to the room, although we didn't see on the night we stayed there. There is a restaurant in this hotel also, however, we felt it was a bit pricey, at least by our standards.

Each hotel has a swimming pool. Each hotel has a shuttle service to the airport. However, this cannot be used for shuttling to the TI facility. The SouthWest 99ers will try to see to it that everyone who needs a ride to the TI facility has it. There are plenty of places to eat and shop near both sites. Both hotels have two handicapped rooms available. If you have such a need, call early and make arrangements for these rooms.

To reserve a room at the Koko Inn, call 800-782-3254 and request the special FEST WEST 98 room rate. To reserve a room at the Sheraton Four Points, call 806-747-0171 and request the special room rate for the TEXAS INSTRUMENTS COMPUTE FAIR.

It was the opinion of the FW98 Committee members that while the Sheraton was \$10 and night more (for two people), the amenities made it well worth the extra money. The Sheraton, as would be expected, is a much nicer hotel.

When reserving your room, remember that the activities will be taking place at the TI facility and at the Sheraton Four Points Hotel. To assure a ride to the TI facility for those who need it, it will be necessary to register with the FW98 Committee at the Sheraton on Friday, 2/13/98.

If anyone has any questions, just send an email to either me at twills@theriver.com or to Mike Doane at mdoane@theriver.com.

* Tom Wills - President & T199 List Server Moderator *
* SouthWest Ninety Niners User Group, Tucson, AZ 85731 *
* <http://personal.riverusers.com/~twills/sw99ug.html> *

Date: Sun Aug 31 15:18:37 1997

From: twills@TheRiver.com (Tom Mills)

Subject: T199: FW98 update

To see what's new with FW98 - Lubbock, after the meeting with TI officials, see the official FW98 - Lubbock web page.

The Four Points Hotel suggested a buffet for the evening of 2/14/98. The cost would be \$15 per person. We did not commit to it and are wondering what the feelings of those planning on attending FW98 are.

Also, we now have finalized plans for FW98. At this time we do need to hear from vendors who are interested in setting up a booth. The room for the vendor activities is easily accessible for vendors to move equipment in and out of. The times of the actual vendor portion of FW98 will be from 1:00PM through 6:00PM. Hopefully a shorter time period will be more productive and buyers won't need to be wandering around all day waiting until the end of the day for expected bargains. Currently two vendors have said they will be present. We hope to be hearing from more vendors soon.

The following are some announcements regarding Fest West '98 - Lubbock.

VENDOR FEES

As has been the policy in years past, we are offering tables at a discounted rate if the SW99UG receives the fees before the end of 1997. Fees for tables will be \$15 for the first table and \$10 for additional tables if the SW99UG receives payment BEFORE January 1, 1998. After that the table rates will be \$25 for the first table and \$15 for each additional table.

Vendors, send your payments to the following address:

Fest West '98 Committee
SouthWest Ninety Miners user Group
P.O. Box 17831
Tucson, AZ 85731-7831

Make the check out to the SouthWest Miners User Group. This fee includes two free admissions.

Please indicate special requirements, such as electricity. The SW99UG will provide some additional systems, but due to logistic problems, we will need to know in advance if any such equipment is needed as there will be no way to go back home and obtain an additional system or monitor or whatever. Due to limited space, the tables will be assigned on a first come, first served. Hopefully we will be able to have tables for everyone.

ADMISSION FEES

There will be no fees for the morning TI Experience at the Texas Instruments facility. The vendor portion of the Fest West '98 will have fees. As in the past, admission will be \$4 per person over the age of 15. Children under that age must be accompanied by an adult.

RAFFLE

In the past, there was one free admission with the purchase of 10 raffle tickets. As of this moment the plans for a raffle are still in the planning stage. If we can obtain some raffle prizes, then the same deal will be in effect.

FEST WEST '98 - LUBBOCK REGISTRATION

There will be pre-registration in the Hospitality Room at the Sheraton Four Points Hotel on Friday. It will be very important for all attendees to register at this time so we can do our best to arrange transportation from the hotels to the TI facility. At that time we will be asking if you can take someone in your car (if you drove) or if you need transportation. This is something we cannot plan in advance.

If there are any questions regarding Fest West '98 - Lubbock, please send email to one of the following:

Tom Mills at twills@theriver
Mike Doane at mdoane@theriver.com
Rod Stallard at rstallard@theriver.com
Jack or BJ Mathis at bjmathis@flash.net
David Ormand at dlormand@aztec.asu.edu

Also visit the official Fest West '98 Web page at: <http://personal.riverusers.com/~twills/fw98>.

This web page will be updated on a regular basis with the most current information. See you next year in Lubbock!



**HAVE A SAFE
AND VERY HAPPY
HALLOWEEN !!!**



Date: Wed Sep 10 15:36:31 1997
From: cgood@im3.com (Charles Good)
Subject: T199: Closing of MUG 1997 web site.

The 1997 MUG web site will close on Sept 30. If you want to read about the event or view/download the photos you have to do so by then. The page is at www.bright.net/~cgood/mug1997.html

Charles Good
good.6@osu.edu

Would someone please download this web site and pictures for Harry and other club members who have no access to WWW?

Thank you in advance, Harry

It would be much appreciated, as many of us still in the dark ages!;-)



LIBRARY UPDATE

By Bruce Rodenkirch
(aa360@acorn.net)

July 1997

I had some trouble with a couple of printers acting up and printing some weird stuff and then discovered a damaged pin in the 36 pin connector. In one case it was the connector at the end of the cable and in the other the pin was damaged in the printer connector. This connector uses little copper "fingers" that slide together instead of the male/female pin connectors used in modem connectors. This connector seems to be more vulnerable to damage so be careful when inserting them.

I bought some used disks in Lima and they turned out to be old disks from the Chicago Library. From what I have seen so far they are old XB games, most of which we already have in the library. However, some of them don't look familiar, perhaps because I have forgotten them. I plan to issue most of these as library disks in the future and you might have some fun loading them up. They might be familiar old programs from the past or they might be something you have never seen.

The TI-Chips group copied a bunch of Lima Library disks and these will soon be available for the library. I think these will fall in the same category as the disks I bought. Anyway, get ready for the summer reruns.

Here are the new library disks:

DISK 96001: [DS/SD]

This is another collection of text files I have downloaded from the Internet and other places. There are files on humor, science, and recipes. Of interest to you who use E-mail are three files called DRBOB1, 2 and 3. These explain how to use E-mail to download FTP files from data bases all over the world. Did you know you can send e-mail requests to these services which are normally only available through the Internet and ask them to send the directory of files they have and then send another E-mail message asking them to send the information to you? DRBOB tells how to do this and also how to get other info just by asking. DOLLARRING tells how to fold a dollar bill into a ring. ROADKILL: A menu for the Road Kill Cafe. Humor of course. USELESSFAX: Useless facts.....And many more!!!!

DISK 97002: [DS/SD]

A tutorial to help you learn assembly language with sample programs to show how they work.

DISK 97003: [DS/SD]

GROM3 and GROM4 are an assembly program for a game called LAND GAME and the other files are the source code. I did not try to run this.

DISK 97004: [DS/SD]

SEARCH was demoed by Harry Hoffman at a recent meeting and is a public domain program by Bruce Harrison, will print a LARGE wordsearch puzzle from a text file (dv80) containing a list of words you create. It is well documented, with source code, and will

print the puzzle (which will fill an 8 1/2 x 11" sheet) to a dot matrix or an ink jet printer. A number of sample word lists are included.

DISK 97005: [DS/SD]

CASTLE is a new shareware game from Vern L. Jensen, in Pasadena. This was also demoed by Harry Hoffman although it is written in XB it runs smoothly and quickly. It looks something like TI RUNNER as far as graphics but is more of a strategy game. The idea is move through various rooms by maneuvering through pitfalls and finding the right door to the next level. In the docs Vern explains how he has some other games written in c99.

The MOSQUITO screen server program is also here.

DISK 97006: [DS/SD]

A collection of files I have downloaded from various sources on NASA technological developments and discoveries in space using the Hubble Telescope. There are other files here of interest to those of you with a scientific bent. The RAVEN disks are quite interesting and informative. The filenames are: COMET/PHOT, CRAB-WEB, FACTS-34, HST-BHOLE, HST-PLUTO, HYA-COMET, HYAKUTAKE, JUNGLEMED, MAMOGRAPHY, MARS-WEATH, MOON-IO, NASA-IMAX, NASA-ROVER, NASA-X-36, NASA-SV15, NASACARBON, PROBE, RAV-CRUSAD, RAV-LATIN, RAV-MONTHS, RAVEN-01A, RAVEN-02, RAVEN-DAYS, RAVEN-MOON, SMOKE-DET.

DISK 97007: [DS/SD]

XB Games from the Chicago Library. DISKCAT is a DV80 file describing each game: 3D-TICTAC, BACKGAMMON, BACKWORDS, BLACKJACK, BONKERS, BOWLING, BOXING, BREAKOUT, BUG, CAKE, CHICKEN, COLORCROSS, CONCENTRAT, CRAPS, DECOY, DISKCAT, FACE-OFF, FORESTFIRE, GALAXYLAND, HOLEYMOLE2, HOLEYMOLEY, KING, MINE, MISSILECOM, NOTLD, SPICER-BOP, SUPPORT.

DISK 97008: [DS/SD]

XB Games from the Chicago Library: ACEY-DEUCY, ANIMALS-B, AUTOBAHN, CAMEL, DISKCAT, ECHO, ELIZA, FIREBALL, INVADE-EMP, INVERT, KOALA, OBSTACLE, OTHELLO-2, PUZZLE-15, RANDOMNUM, ROBOT, RUBECUBE, SIMON 1, SPACE-ZAPR, TI-KENO, TI-ROMANS, TIBATTLE, TRUCKER, WARGAMES.

DISK 97009: [DS/SD]

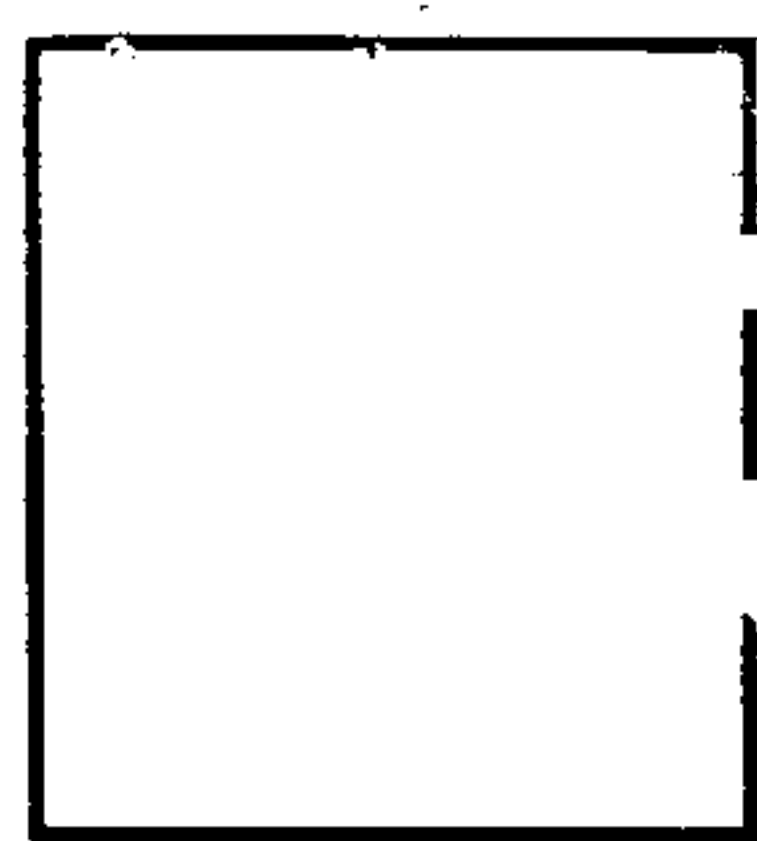
XB Games from the Chicago Library: ALIEN-III, BANDIT, BANKROBBER, DEATHSHIP, DEEPSPACE, DISKCAT, KOMPUTRUM, MUGWUMP, ORIENTAL, PSYCHO, QUANETS, RACING, RUNWAY-180, SAN FRANCI, SCRAMBLE, SHOOT-DOWN, SHOOTING, SOL-CRIB, SPRIT-CHAS, STONEYVILLE, SUMERIA, TICTACTOE, TREASURE_H, UP-SCOPE, VERBOTEN, WUMP.

HAMFESTS

Bowling Green	Wood Co. Fairgrounds	July 13
Van Wert ARC	Van Wert Co. Fairgrounds	July 20

The Warren Hamfest is one of my favorites and it is coming up on August 17 at the Kent State Trumbull Campus. It is at the intersection of Rte 45 and the Rte 5 bypass on the North side of Warren. There is a big mall on Rte 46 just south of the bypass if you need a place to park your wife.

Cleveland Area User Groups
% Harry Hoffman
3925 Troubridge Ave.
Cleveland, OH 44109-1349

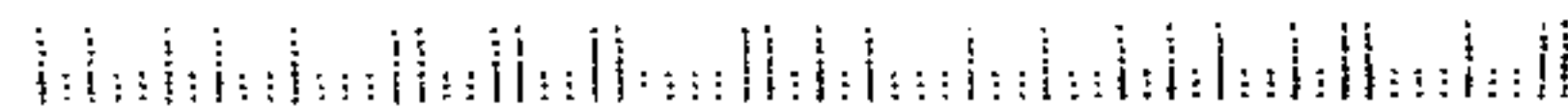


Check your expiration date.
This may be your LAST issue!

FIRST CLASS

FIRST CLASS

44136-3942 17



Full Membership. \$15.00/yr, with library privileges.
Newsletter only. \$12.00 per year.



-*- Page 10 -*-