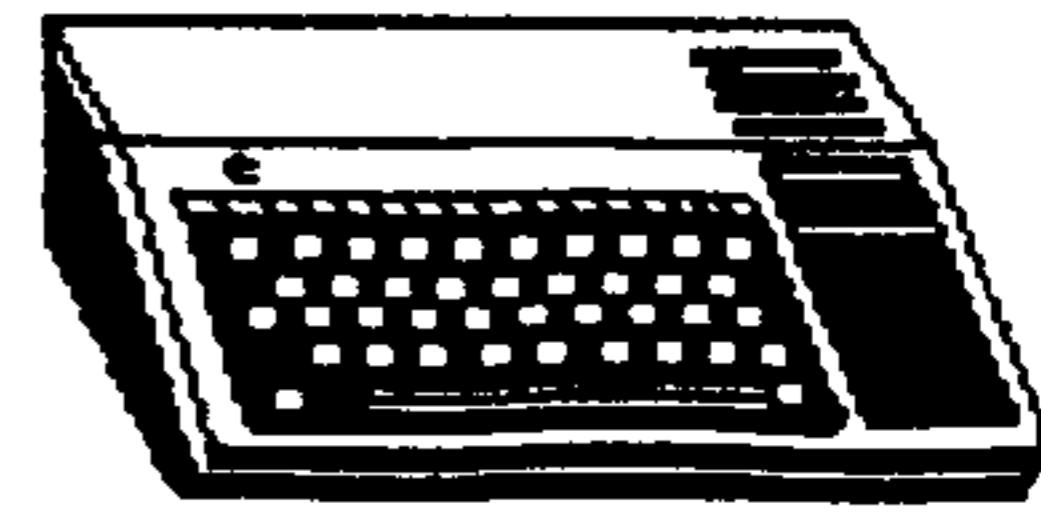




# CLEVELAND AREA TI-99/4H USER GROUPS SEPTEMBER 1995



OFFICE	TI-CHIPS	MEETINGS
CO-PRESIDENT	Glenn Bernasek 238-6335	10-12:00 A.M.
CO-PRESIDENT	Fred Jalacci 941-9397	N. Royalton
TREASURER	Lin Shaw 235-3912	County Library
MEMBERSHIP	John Parken 331-2830	State Rd. 80. of 4172 W. 217th St. Fairview Pk., OH 44126
SECRETARY	Binny Stockdale 12169943039	Route 82 1/4mi <u>EVERY THIRD SAT.</u>
DISK LIBRARY	Lee Kee 238-6938	AUG 19,1995
TAPE & MOBS	John Parken 331-2830	SEP 16,1995
EDITOR	Harry Hoffman 631-2354	OCT 21,1995

OFFICE	NORTHCOAST 99'ers	MEETINGS
CO-PRESIDENT	Ken Gladyszewski 12163577274	1-4 P.M.
CO-PRESIDENT	Matt Ryder 921-8223	Euclidian Room
Treasurer	Frank Jenkins 283-8526	Euclid Sq. Mall
MEMBERSHIP	Martin Smoley 12162571661	E.260th off I-90 (South)
SECRETARY	Deanna Sheridan 333-5986	<u>EVERY THIRD SAT.</u>
DISK LIBRARY	Martin Smoley 12162571661	AUG 19,1995
TAPE & MOBS	Frank Jenkins 283-8526	SEP 16,1995
HARD COPY	Dick Alden 12162571661	OCT 21,1995



## From the Editor's Desk:



Hi Tiers,

Our leaders are really working hard putting together the Ohio MUG Conference in Cleveland. The site of the fair is picked and the dates. Now, communication with the TI community to set up tables, seminars, and equipment is next! Lots of fun things. Maybe some of our members would like to do some small task to take a little of the load off our leaders' back.... how about it? If you out-of-town members / exchange newsletter groups would like to help out with equipment or in any way you like, let Glenn Bernasek know. MICROpendium has an article from Glenn about the fair. He will have the dates and other info in the next issue. This is getting to be exciting stuff!

MICROpendium put out another great magazine. I notice a lot of newsletter articles from user groups around the country. Apparently, not enough articles are sent in to John & Laura to fill the pages. You TI members have all, at one time or another, solved a sticky problem. Many users would like to see your experience in the newsletter AND the MICROpendium. Maybe you have written a little program for that special job to be done. Send it in to your editor with a little explanation of what the program does and how it works. We all want to try it.

You will notice that the August Library catalog is in the Sept. news. It was a little late getting here. Norb Sitter, from Erie, PA, is doing the demo at North Coast this month. Chips always has something interesting from Lee Kee. Come on down and learn some neat stuff!

See you all at the meeting, **1**

Date: Thu Aug 31 00:38:26 1995  
From: dd314@cleveland.Freenet.Edu (Glenn W. Bernasek)  
Subject: 1996 M.U.G. CONFERENCE ARTICLE

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\*\*\*\* AN IMPORTANT ANNOUNCEMENT \*\*\*\*

ATTENTION \*\*\* ALL \*\*\* TI-99/4A AND GENEVE USER GROUPS, PROGRAMMERS /  
DEVELOPERS / USERS, VENDORS AND CLOSET CLEAN-OUTERS!

THE CLEVELAND AREA TI-99/4A USER GROUPS (THE TI-CHIPS AND THE NORTHCOAST  
99ers) ARE GIVING THE LIMA USER GROUP A MUCH NEEDED AND WELL DESERVED  
BREAK IN 1996!!!

WE ARE PLEASED TO ANNOUNCE THAT THE POPULAR TI-99/4A AND GENEVE M.U.G.  
CONFERENCE WILL BE HELD IN 1996 AT THE OHIO NATIONAL GUARD ARMORY IN  
BROOKPARK, OHIO (A SOUTHWEST SUBURB OF CLEVELAND).

(3 MINUTES FROM I-71, 5 MINUTES FROM I-480, 5-10 MINUTES FROM CLEVELAND  
HOPKINS INTERNATIONAL AIRPORT AND 10 MINUTES FROM EXIT 10 OF THE OHIO  
TURNPIKE (I-80))

ON FRIDAY, MAY 24 (Set-up Night - From 3:30 pm to 8:00 pm) AND SATURDAY,  
MAY 25 (Conference Day - From 8:00 am to 5:00 pm).

THE 1996 TI-99/4A and GENEVE M.U.G. CONFERENCE IN BROOKPARK, OHIO WILL  
BE SET UP MUCH LIKE THE SUCCESSFUL LIMA USER GROUP M.U.G. CONFERENCES.

AND LIKE THE CONFERENCES IN LIMA, THE 1996 CONFERENCE IN BROOKPARK, OHIO  
WILL BE \*\*\* FREE \*\*\* !

THERE WILL BE \*\*\* NO \*\*\* ADMISSION CHARGE OR SET-UP FEE!

IF YOU HAVE SOMETHING FOR THE TI-99/4A AND/OR GENEVE YOU WOULD LIKE TO  
SHOW, SHARE, SELL OR JUST TALK ABOUT, COME TO THE 1996 TI-99/4A AND  
GENEVE M.U.G CONFERENCE IN BROOKPARK, OHIO NEXT MAY 24 AND 25.

TO GET ANSWERS AND/OR MAKE CONFERENCE RESERVATIONS (PLEASE MAKE YOUR  
RESERVATIONS AS-EARLY-AS-POSSIBLE).

CONTACT: GLENN BERNASEK  
13246 HARPER ROAD  
STRONGSVILLE, OHIO 44136  
PHONE: (216) 846-0865 (After 9:00 pm EST)  
(ALL MESSAGES WILL BE RETURNED!)

E-MAIL: dd314@cleveland.freenet.edu

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NORTHCOAST 99ERS EXECUTIVE NOTES  
AUGUST, 1995  
DEANNA SHERIDAN, SECRETARY

The meeting was called to order by Walt Ryder. Frank was unavailable for the Treasurer's Report.

Since we had a quorum for the first time in a while, Marty made a motion that we continue our policy of free membership dues (available only to currently paid members) indefinitely. The motion was seconded and passed. To refresh your memory, when we first decided this policy last year, we did it on a one-year trial depending on the health of our treasury. At this time we still are in a good financial position.

There was considerable discussion regarding what assistance we could give to CHIPS to produce the Spring 1996 MUG conference. At that time, they had not obtained a site for the conference or a date; thus we asked that Harry Hoffman, as a member of both clubs, be our liaison so that we could determine what assistance we might be able to provide. Since that time (see announcement), a location and date have been obtained. This will be the long Memorial Day weekend, and possibly we could entice some prospective attendees with our new Rock n Roll Hall of Fame; possibly the Indians will be in town, etc. Let's get enthusiastic about this and make it one of the best!

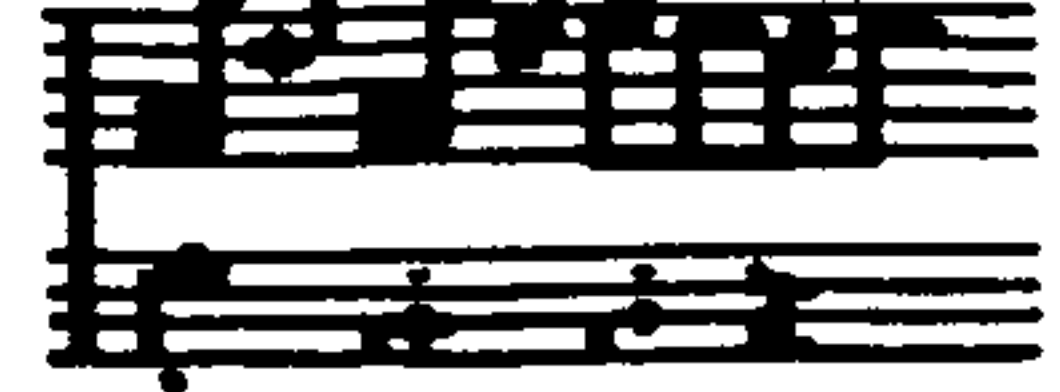
Bruce Rodenkirch gave the demo, and this is one of my favorite kinds. He took some of his favorites from the library and gave short demos. They included some utilities and some games. Bruce generously provided each of us with a disk of our very own! We need more like this so that people can appreciate the vast variety of really good programs lurk in our library.

Next month Norb will be giving the demo. I will be out of town, so be sure and have someone take some notes!

<b>WHERE:</b> CLEVELAND, OHIO
<b>WHAT:</b> OHIO 'MUG' CONFERENCE - '1996'
<b>WHO:</b> CLEVELAND AREA TI/99 USER GROUPS
<b>WHEN:</b> MAY 24TH AND 25TH, 1996 COME ONE, COME ALL TIERS, EVERYWHERE !!!



# TI-CHIPS Notes



Glenn Bernasek, Co-president of TI-Chips, opened the Aug. 19th meeting at 10:15 AM. There were 14 members present. First order of business was the Treasurers report, by Lin Shaw. We are holding our own so far.

Les Kee reported that he has received disks 95020-30 from Marty Smoley. Les would really like to be bothered on the phone with orders for disks. It appears that no one is trying out new material! There is some great stuff in the library.

Jack Koryta brought in the Lima tapes that he enhanced. Anyone wanting to see the 1995 Lima Seminars should call John Parken asking him to bring them to the meeting. They are very enlightening.

Curt Gadd read the initial Charter/By-laws that he and Fred Ialocci worked up. There were a couple of suggestions and a final reading will be done next month. It was very well done. Short & sweet! Thank you gentlemen!

Announcements: Ron Markus of Recharged Computers has dropped the 800 number he has been carrying for so long. It has cost more than the money coming in.... no way to do business! Ron also said he will not be carrying the 'Hardware' line any more. A couple of items will still be available, such as, Prostick II, & possibly some cables. He will still be selling all software sold in the past.

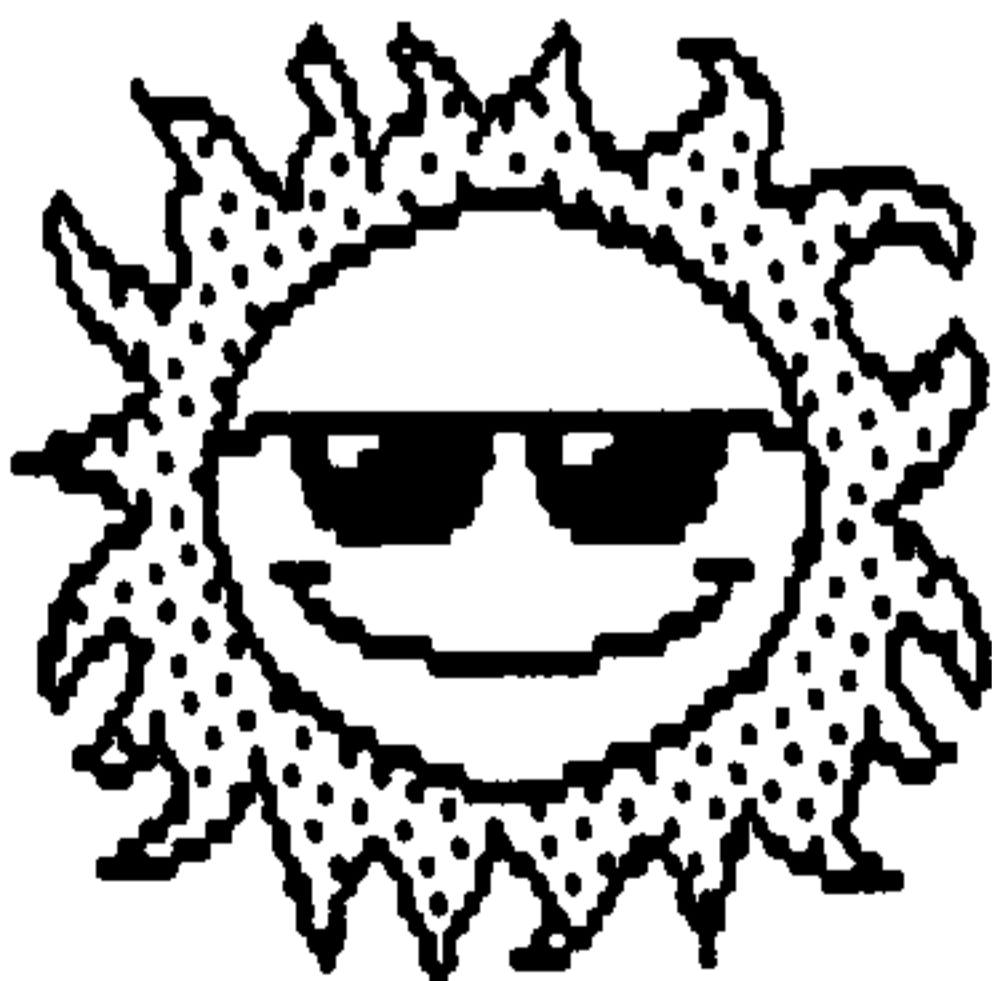
A word to the wise on 'Howie' ramdisks. The Lithium batteries are starting to die off. 5 years seems to be the limit on these batteries. Talk to some of our experts on replacing batteries with Ni-Cad ones. We have been informed that some comparable Lithiums are sold in camera shops or some drug stores. If changing to Ni-Cad, remember that other changes have to be done also!

Glenn said he posts ads for Chips periodically and anyone selling TI equipment can call him at home anytime (reasonable hours) and he will post it on Usenet! Tiers from all over the world, including Cleveland, check out Usenet daily.

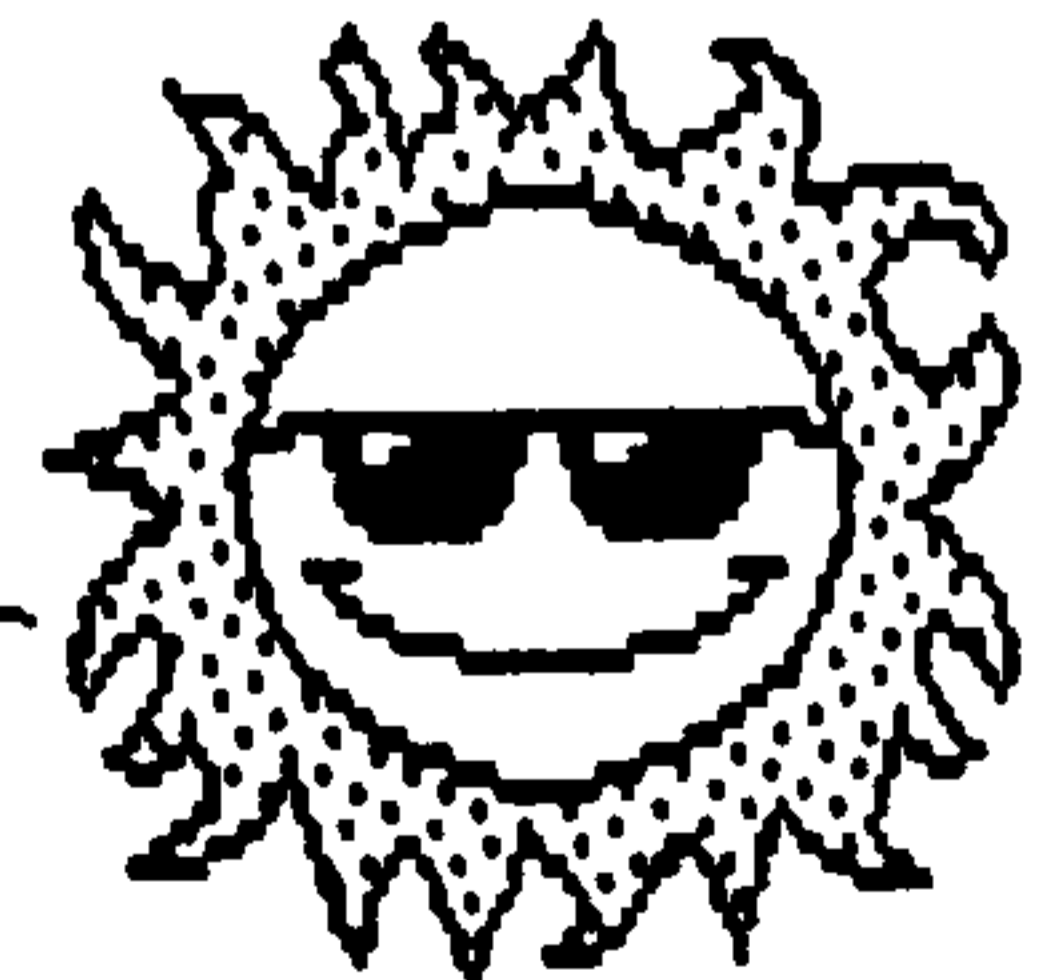
Glenn & Jim gave a report on the status of the 'Ohio Mug Conference '96'. They are checking out other places since finding out the great cost involved at some of the almost 'FREE' places. (ED Note: Check Glenn's page about the MUG). Our need is for a place with one very large room w/tables to fill it. Two small seminar rooms, with outlets. 100 amp service required. And a place to serve food! Glenn mentioned that this is a group effort and asks for volunteers to keep this running smooth. For instance, Harry volunteered to send letters. Nina, Maryann, & Ada have volunteered to do the food. They also will need help! I know Jack Koryta will help with the technical stuff. Put your thinking caps on and see what YOU have to offer. This should be fun!!!

Jim Krych gave a demo and talk on the AMS card. The Southwest 99ers have sold about 33-35 cards in the few months (more than originally sold in 3 years!) The program for copying 180K disks in ONE pass comes with the package. Handy for copying one disk to many others, because the whole disk resides in memory until you load something else or turn off your TI. Jim also showed a memory test program for the AMS card.

Time to check out Recharged Computer table and talk shop. Ron was here this time and some members were pulling his leg about Ada's working the table last month:-) The 50/50 drawing was won by Vonn Malcuit. Congratulations Vonn!!!



We've all waited for 5 months  
for this cool weather! So,  
COOL IT! Mr. Sun and relax for  
for awhile.



So, What, you Say! Wait until I tell you that V9t9 is Version 6 of the Tiemulator! Edward Swartz has made these files available through the Internet for downloading.

Just getting the file was an experience for me, since I have not gotten the hang of really cruising the Internet. My access is through Genie and mostly I have found it very confusing. However, I was anxious to get this file and by determination was finally able to get to the proper FTP site, get it into my workspace at Genie and download it to my computer.

For your information Ed Swartz has given two FTP sites. I was unable to find anything at the io.com., but had no trouble at the wuarchive site.

FTP:io.com:/pub/usr/edswartz/v9t9

FTP:wuarchive.wustl.edu:/pub/msdos\_uploads/emulators/t1994a

This is a very large file and takes up 900,000+ bytes of disk space. I now have a reason to upgrade my 2400 baud modem, as it took me about 3 hours to transfer this file to my computer.

Features of V9t9 include:

32K memory expansion

All standard graphic modes, all in 15 blazing colors; all 32 sprites are available.

Three sound voices and noise

Disk drives are emulated through either files or disk images.

Direct RS232 and file-based PIO support

Real speech synthesis (still buggy though)

99/4A keyboard

PC joysticks, mice and numeric keypad to emulate 99/4A joysticks.

Peripheral Support:

Sound - PC Speaker.

Adlib for 3-voice sound and periodic noise.

Sound Blaster for noise and speech.

Joystick - Analog joystick and mouse/keyboard emulation

Disk Drives - Up to five DSKx drives emulated

through MSDOS directories, or three single density disks-on-a-disk or Two disks-on-a-disk and three emulated directories.

Direct and file-based RS232 and parallel support.

Hardware and Software Requirements:

Even though you could run the program on a 286AT, he recommends at least a 386DX33 with a VGA monitor.

This is a very complex program compared to the version 5. You will need your Version 5 to transfer the necessary ROMS to run this, or download your own from your TI system and transfer them over via the RS232 or PC Transfer. If you have version 5, you will also need to transfer your modules to run on the new system. Since I had a registered version of The Emulator, I could legally transfer these from the old to V9t9, which is what Mr. Swartz would prefer we call this program instead of TI Emulator. If you do not have a registered version, or had not had a copy of the program at all, you will need to download the ROMS from your TI and transfer them to the PC. The programs are included to do this.

To tell you the truth, I have not gotten much beyond this point. I have my ROMS and modules transferred over and tested a couple to see how they work, and they work perfectly.

This is still a work-in-process. This version will only be supported until December of this year. The program has been put out for anyone to use. However, Mr. Swartz will not complain if you wish to send him a monetary token of your appreciation. He suggests \$25.00. Very reasonable when you see what it does and the plans he has for enhancement.

I had hoped to be able to write a more in-depth review, but just haven't had time to delve into the program. Even Ken Gladyszewski was having questions about getting started, so I didn't feel so badly. Hopefully, I will have tried more things with it and can get something ready for the October newsletter.

In the meantime, if you don't have an FTP site, we can provide copies from the NorthCoast library.



SOMETHINGS TO THINK ABOUT !



```

NUM 100,10
! Program name = CRASH
DATA 2,228,242,5
DATA 2,228,240,18
DATA 2,228,241,16
DATA 2,228,242,14
DATA 2,228,243,12
DATA 2,228,244,10
DATA 2,229,245,9
DATA 2,229,246,8
DATA 2,229,247,7
DATA 2,229,248,6
DATA 2,229,249,5
DATA 2,230,250,4
DATA 2,230,251,3
DATA 2,230,252,2
DATA 2,230,253,1
DATA 2,230,254,1
DATA 1,255,0,0
FOR AD=4096 TO 4160 STEP 4
READ V1,V2,V3,V4
CALL POKEV(AD,V1,V2,V3,V4)
NEXT AD
CALL IO(1,4096)
END

```

```
FOR L=0 TO 3000 :: NEXT L
```

```
!*****
```

```
! LIST the Program
! with it's new
! line numbers.
```

```
!-----
```

```
FOR L=0 TO 3000 :: NEXT L
```

```
LIST
```

```
!*****
```

```
! I will now RUN the DV/80
! file, as a XB program.
```

```
!-----
```

```
FOR L=0 TO 3000 :: NEXT L
```

```
RUN
```

```
!*****
```

```
! Save the above DV/80
! file as the RXB
! PROGRAM "CRASH"
```

```

100 ! Program name = CRASH !042
110 DATA 2,228,242,5 !111
120 DATA 2,228,240,18 !162
130 DATA 2,228,241,16 !161
140 DATA 2,228,242,14 !160
150 DATA 2,228,243,12 !159
160 DATA 2,228,244,10 !158
170 DATA 2,229,245,9 !119
180 DATA 2,229,246,8 !119
190 DATA 2,229,247,7 !119
200 DATA 2,229,248,6 !119
210 DATA 2,229,249,5 !119
220 DATA 2,230,250,4 !102
230 DATA 2,230,251,3 !102
240 DATA 2,230,252,2 !102
250 DATA 2,230,253,1 !102
260 DATA 2,230,254,1 !103
270 DATA 1,255,0,0 !255
280 FOR AD=4096 TO 4160 STEP 4 !101
290 READ V1,V2,V3,V4 !210
300 CALL POKEV(AD,V1,V2,V3,V4)!207
310 NEXT AD !027
320 CALL IO(1,4096)!184
330 END !139

```

```

DSK1 - DISKNAME=RXBDEMOB 10
AVAILABLE= 601 USED= 117
FILENAME SIZE TYPE P
-----
BIGBATCH 29 DS/VR 80
CAT5 7 PRGRM
CATFILE 21 DS/VR 80
CHECKSUM 6 PRGRM
CHIMES 5 PRGRM
CHIMESCHK 6 PRGRM
CHMSNWSLTR 8 DS/VR 80
ENCOREBAT 5 DS/VR 80
FIN1BAT 5 DS/VR 80
FINBAT 5 DS/VR 80
GMOTION 3 PRGRM
SAVECAT 6 PRGRM
STARTBAT 8 DS/VR 80
STARTBATCH 3 PRGRM

```

```
[note:]
```

```
CATFILE ? DS/VR 80
```

```
*****
```

```
Number of files = 14
```

DSK1 - DISKNAME=RXBDEMOB 12			
FILENAME	SIZE	TYPE	P
AVAILABLE=	587	USED=	131
BIGBATCH	29	DS/VR	80
CAT5	7	PRGRM	
CATFILE	25	DS/VR	80
CHECKSUM	6	PRGRM	
CHIMES	5	PRGRM	
CHIMESCHK	6	PRGRM	
CHMSNWSLTR	8	DS/VR	80
CKSMINPUT	6	DS/VR	163
CRASH	4	PRGRM	
ENCOREBAT	5	DS/VR	80
FIN1BAT	5	DS/VR	80
FINBAT	5	DS/VR	80
GMOTION	3	PRGRM	
SAVECAT	6	PRGRM	
STARTBAT	8	DS/VR	80
STARTBATCH	3	PRGRM	
Number of files = 16			

DSK1 - DISKNAME=RXBDEMOB 13			
FILENAME	SIZE	TYPE	P
AVAILABLE=	577	USED=	141
BIGBATCH	29	DS/VR	80
CAT5	7	PRGRM	
CATFILE	28	DS/VR	80
CHECKSUM	6	PRGRM	
CHIMES	5	PRGRM	
CHIMESCHK	6	PRGRM	
CHMSNWSLTR	8	DS/VR	80
CKSMINPUT	6	DS/VR	163
CKSMOUTPUT	7	DS/VR	163
CRASH	4	PRGRM	
ENCOREBAT	5	DS/VR	80
FIN1BAT	5	DS/VR	80
FINBAT	5	DS/VR	80
GMOTION	3	PRGRM	
SAVECAT	6	PRGRM	
STARTBAT	8	DS/VR	80
STARTBATCH	3	PRGRM	
Number of files = 17			

DSK1 - DISKNAME=RXBDEMOB 14			
FILENAME	SIZE	TYPE	P
AVAILABLE=	582	USED=	136
BIGBATCH	29	DS/VR	80
CAT5	7	PRGRM	
CATFILE	30	DS/VR	80
CHECKSUM	6	PRGRM	
CHIMES	5	PRGRM	
CHIMESCHK	6	PRGRM	
CHMSNWSLTR	8	DS/VR	80
CKSMINPUT	6	DS/VR	163
CRASH	4	PRGRM	
ENCOREBAT	5	DS/VR	80

```

!-----
SAVE DSK1.CRASH  >>> >>> >>> >>>
!*****
!   Save CRASH in merge
!   format.
!-----
SAVE DSK1.CKSMINPUT, MERGE = >>>
FOR L=0 TO 3000 :: NEXT L
!*****
!   Run CHECKSUM and
!   automatically add
!   two lines of INPUT
!   within the running
!   CHECKSUM program
!-----
FOR L=0 TO 3000 :: NEXT L
RUN "DSK1.CHECKSUM"
  .CKSMINPUT
  1.CKSMOUTPUT >>> >>> >>> >>>
!*****
!   Erase ALL memory.
!-----
FOR L=0 TO 3000 :: NEXT L
CALL NEW
!*****
!   Merge CRASH with added
!   checksums into memory and
!   delete it from the disk.
!-----
MERGE DSK1.CKSMOUTPUT
DELETE "DSK1.CKSMOUTPUT" >>>
FOR L=0 TO 3000 :: NEXT L

```

!\*\*\*\*\*

! Print CRASH as DV80  
! file for use in a  
! newsletter article.

!-----

LIST "DSK1.CRSHNWSLTR" — »» — »»

!\*\*\*\*\*

! Saves CRASH back to  
! disk with checksums  
! added to each line of  
! code.

!-----

SAVE DSK1.CRASHCHK — »» — »»

DELETE "DSK1.CKSMINPUT"

FOR L=0 TO 3000 :: NEXT L

!\*\*\*\*\*

! RUN the next batch  
! file from the end  
! of this batch file.

!-----

FOR L=0 TO 3000 :: NEXT L

CALL USER("DSK1.FIN1BAT")  
! \_\_\_\_\_ END OF BIGBATCH \_\_\_\_\_



CALL FILES(10)

! FIN1BAT  
! Batch file using RXB  
! v1002 USER function to  
! LOAD a DV/80 file, RUN  
! that file as an XB program  
! program and then SAVE that  
! that file in XB program  
! format. Then RUN ENCOREBAT

FOR L=0 TO 1000 :: NEXT L

NEW

DSK1 - DISKNAME=RXBDEMOB 15  
AVAILABLE= 571 USED= 147  
FILENAME SIZE TYPE P

FILENAME	SIZE	TYPE	P
BIGBATCH	29	DS/VR	80
CAT5	7	PRGRM	
CATFILE	33	DS/VR	80
CHECKSUM	6	PRGRM	
CHIMES	5	PRGRM	
CHIMESCHK	6	PRGRM	
CHMSNWSLTR	8	DS/VR	80
CKSMINPUT	6	DS/VR	163
CRASH	4	PRGRM	
»» - »»CRSHNWSLTR	8	DS/VR	80
ENCOREBAT	5	DS/VR	80
FIN1BAT	5	DS/VR	80
FINBAT	5	DS/VR	80
GMOTION	3	PRGRM	
SAVECAT	6	PRGRM	
STARTBAT	8	DS/VR	80
STARTBATCH	3	PRGRM	

\*\*\*\*\*  
Number of files = 17

DSK1 - DISKNAME=RXBDEMOB 16  
AVAILABLE= 563 USED= 155  
FILENAME SIZE TYPE P

FILENAME	SIZE	TYPE	P
BIGBATCH	29	DS/VR	80
CAT5	7	PRGRM	
CATFILE	35	DS/VR	80
CHECKSUM	6	PRGRM	
CHIMES	5	PRGRM	
CHIMESCHK	6	PRGRM	
CHMSNWSLTR	8	DS/VR	80
CKSMINPUT	6	DS/VR	163
CRASH	4	PRGRM	
»» - »»CRASHCHK	6	PRGRM	
CRSHNWSLTR	8	DS/VR	80
ENCOREBAT	5	DS/VR	80
FIN1BAT	5	DS/VR	80
FINBAT	5	DS/VR	80
GMOTION	3	PRGRM	
SAVECAT	6	PRGRM	
STARTBAT	8	DS/VR	80
STARTBATCH	3	PRGRM	

\*\*\*\*\*  
Number of files = 18

DSK1 - DISKNAME=RXBDEMOB 17  
AVAILABLE= 566 USED= 152  
FILENAME SIZE TYPE P

FILENAME	SIZE	TYPE	P
BIGBATCH	29	DS/VR	80
CAT5	7	PRGRM	
CATFILE	38	DS/VR	80
CHECKSUM	6	PRGRM	
CHIMES	5	PRGRM	



# LIBRARY UPDATE

By Bruce Rodenkirch

August 1995

## DISK 95041:

These are oldies but goodies from an old library disk which are worth recycling. BANNER, CALCULATOR, CYPHER, GETTHEGOLD, GOBBLER, LABELER, OHLOTTO, P/DATABASE, SCREENDUMP, SOLITAIRE, STATS, TIBINGO, WORDSEARCH and X/TYPING.

## DISK 95042:

TECHNICAL TRAINING MANUAL from Rich Gilbert. (ARC) This is the original manual that TI gave to those repairing or those who worked on projects like the PBOX, P-Code Card, 99/4A, 99/4B, and 99/4X. It lists all specs TI used to create these cards and each of the versions of the 9900 computers. The 99/4X was a upgraded 99/4B and it still used the 9900. The 99/4X was not a 99/8!!!!!! I paid over \$300.00 originally for this manual several years ago. Not being a hardware person I still understood most of the manual. Enjoy it- Rich. GENIE 5713

## DISK 95043:

PAGE PRO fonts and pictures. GENIE 5718. The disk catalog is: 5718, 5718/DES, POLZANO\_LG, CAESAR\_LG, COURIER\_LG, NTS2\_PIC, HUNT\_LG, JONES\_LG, MILANO\_LG, OCR\_LG, PADOVA\_LG, UNCIAL\_LG, and VENUS\_LG.

## DISK 95044:

Bruce Harrison's assembly version of Jim Peterson's Reformatter program. Very useful. Genie 5817. Updated April 95

## DISK 95045:

Bruce Harrison's assorted assembly routines, with source code. Genie 5818. The catalog is: 5818, 5818/DES, ALLOADM, ALSAVE, BIG1, BIG1RND, BIG2, BIG2RND, CARDS, CARDSRND, DEMOFF, FASTAR1, FASTAR2, HML, PRINTINST, RANDINST, SLOWAR1 and SLOWAR2

## DISK 95046:

The files on this disk are INTERNET FILES about TI "stuff".  
ECHO-4/95: Internet messages regarding the TI.  
TI-AVPCARD: Charley Good review of AVPC card.  
TI-LOGO2: Review of LOGO II  
TI-MRSGOOD: Mrs. Good's comments on use of TI for music.  
MULTIPL: Review of Multiplan.  
MONITORS: Review of monitors for the TI  
TISTUFF: Miscellaneous stuff on TI.

## DISK 95047:

RECIPES: 2BEANENCH, BEERQUICHE, BKD-ALASKA, BON-BONS, BURBONBALL, CARROT-REL, CARROTBR, CHERRYCAKE, COOKIES, CRUNCHCAKE, DFBROWNYS, FRUITCOCT, FUDGEBRWNY, ICECREAMS, MEXPOTPIE, MOISTBRWNY, NOFATCHCKE, PEACHDAQ, PNTBTRCKY, POPOVERS, REC-MISC and RECIP-MIS.

## DISK 95048:

RECIPES: CASSEROLE, CREAMBASE, CREAMBASE2, CURRY-CHKN, DILLSAUCE, EATING/1, FRUITCOCT, ICECREAMS, MIAMI-CHKN, NEWCALLS, PINE-#CAKE, PUZZLE1, PUZZLE13, PUZZLE3, PUZZLE4, PUZZLE5, PUZZLE6, PUZZLE7, PUZZLE8, RASP-CAKE, RECIP-6/22, SALSAS and TURTLEBARS.

## DISK 95049:

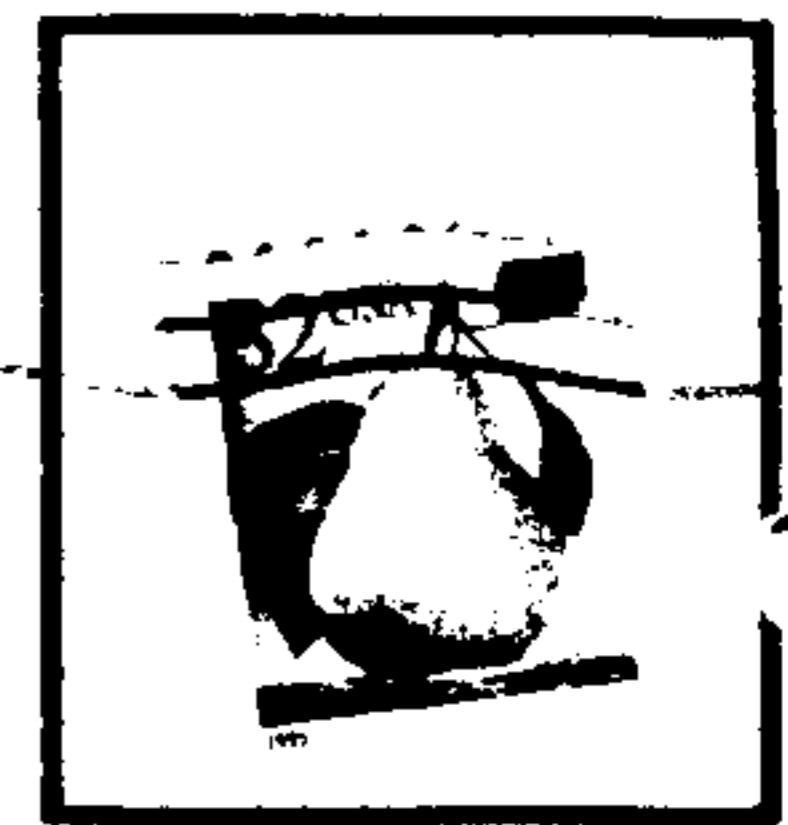
Interesting discussions on UFOs and other scientific articles on NASA discoveries. ALIENS, GEOGRAPHOS, HORNED-OWL, HUBBLE6/13, NAS-CLIMAT, NASA-BOOZ, NASA-HALOS, NBCCHIMES, UFOROSWEL1, UFOROSWEL2 and WEIRD/7/31.

## DISK 95050:

Newsletters from the British Columbia UG for December and November, 1995. The filenames are BC-99/DEC and BC-99/NOV. These are formatted to print a complete newsletter are by themselves are a good tutor for how to use formatting commands. The November issue has a good tutorial on the Include File formatting command for TIWriter and a discussion of the PRINTERS APPRENTICE. There is a tutorial on the drawing program, GEOMETERS APPRENTICE in the December issue and another on how to identify file types by the catalog description, i.e., number of sectors and file description.

CAT-TO-DISK is a program I adapted from Jim Peterson's MENULoader program. When I write the library disk descriptions I often print the disk catalog of programs. This program catalogs a disk and prints it to disk using the disk number or name as a DV/80 file name. This simplifies including the catalog and would also be useful if you wish to create library of your disks. The program names are in caps which makes a find string (FS) search useful. I sent this program to Micropendium via the Internet and this file is included. Perhaps it will be printed and then you can say you saw it here first.

Cleveland Area User Groups  
% Harry Hoffman  
3825 Trowbridge Ave.  
Cleveland, OH 44108-1349



Check your Expiration Date  
This may be your LAST issue!

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Contents of this Newsletter

- 01 OFFICERS & EDITORIAL
- 02 OHIO 'MUG' CONFERENCE
- 03 NORTH COAST 99er MINUTES:  
DEANNA SHERIDAN
- 04 TI-CHIPS MINUTES from tape  
DINSMORE STOCKDALE
- 05 V9T9 IS HERE - AN ARTICLE  
DEANNA SHERIDAN
- 06-08 CONTINUING RXB1002 DEMO  
MARTIN SMOLEY
- 09 LIBRARY CATALOG-AUGUST '95
- 10 THIS PAGE

I hope no one gets all mixed up with the way I'm presenting Marty's demo on RXB1002 but there was no other way to show anyone, who has the program, the way Marty changed the Batch file on the disk to his satisfaction. It runs great. Please have a little (lot?) patience and save the newsletters so you can see what is going on!

Thank You Much,

