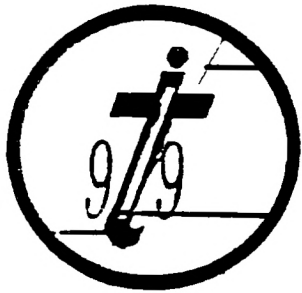# MID-SOUTH
USERS GROUP

P.O. Box 38522   Germantown, Tn   38138

EDMONTON,
EDMONTON 99'ERS USER SOCIETY
P.O. BOX 11983
ALBERTA, CAN. T5J-3L1

O *t* d b i t s

PRESIDENTS BIT

A Farewell to ...

Well, I finally did it. I got promoted to ordinary member — I think! Beginning with this month's meeting we will have a new slate of officers (Hey — that means someone else will have to —— get to write this article from now on!!) to take over the reigns and steer the ship of club (I just love to mix metaphors) along its course into the future.

The new officers are:

President — Bert Jones;   Vice president — Gary Cox; Secretary — Yvonne Morgan; Treasurer — Tara Kirby

The new board has already started to take over (some people just have no respect for their elders) with their first committee chairman — Pierre LaMontagne for the library. I think Pierre will make an excellent chairman — however — (isn't there always a however?) he will still need help (you knew I was going to say that now didn't you.)

I am sure the new board will be more than happy to entertain volunteers for the other positions in the group — namely Equipment, Newsletter, Program and Newsletter Committees.

As I write this last article I am reminded of how this group got started. (For those of you who have heard this story, here it is again.)

Once upon a time, long, long ago there was a company called Texas Instruments that produced a computer for the home.   Now this wasn't just any old computer. No sir! I mean this thing had a 16 bit CPU, Disk capability, Communications capability, additional memory, fancy brushed aluminum wheel covers, four on the floor, wide track —— sorry, I got carried away there for a moment. Well, anyway, it, was a pretty good little 'puter and it was priced at the unbelievably low price of 300 samoleans with a 100 smacker rebate.   By the time you subtract 100 smackers from 300 samoleans you are left with a price tag of $200.00 or thereabouts.   People were sucking those babies up like there was no tomorrow.

Around the place where I work there were at least four owners and
we knew of at least five or six more.   We got to thinking,
wouldn't it be great if we had a club for owners of TIs like there
was for that other fruity old bag of chips.

We got wind (out of the south) of a fellow named Curtis Ringold
who had been spreading lists around, trying to start up a group
too. We decided that since he was further along than we were, we
would surrender - uh - join forces and see if we couldn't get this
thing off the ground. We contacted Curtis and he told us he
hadn't done much except send his three boxtops in for the SUPER
FANTASTIC JUNIOR COMPUTER USERS GROUP STARTER KIT and spread
around those lists we had heard of. At this point we all decided
to really get things in high gear.

We called a meeting over at the Pawnderosa (better known as The
Watson Spread) to see if we could 'really get started.   The
attendees for that first organizational meeting were Yours Truly,
My better half Brenda, Dicko Vandenberg, Lee Avant, Fonz and Linda
Allen, Bert Jones and the ghost of Curtis (Deadeye) Ringold who
had to be out of town that weekend. This was sometime in
February, 1983. We began by deciding we had no earthly idea of
how to get a group like this started. Once we cleared that hurdle
the rest was all uphill.

We appointed interim officers until we could define all of the
real positions.   Lee Avant kindly agreed to act as Secretary and
put out our first newsletter (appropriately called "The
Newsletter".) They shanghied me into the position of Interim
President and we began discussing the sample constitution and
operating procedures supplied to us from the great computer user
group wizards at TI. We met almost every weekend for the next
four weeks beating out the details of our Constitution and
Operating Procedures, establishing membership dues,   drinking
coffee, eating cookies, looking for meeting places, hiding our
heads, etc., etc.

After all the hagling over the rules, we decided to elect our
permanent officers.   By this time the membership had swelled to
almost nine (the original eight plus Wallace McDonald.) The new
officers (President - Me; Vice President - Fonz Allen; Secretary -
Lee Avant; Treasurer - Curtis Ringold; Equipment Chairman - Dick
Vandenberg; Library Chairman -.Wallace McDonald; Recruiting and
Public Relations - Bert Jones; Newsletter editor and Kid's Korner
sponsor - Brenda Watson) were drug kicking and screaming into
their offices and it was time to go public.   We held our first
public meeting in one of the community meeting rooms at the Mall
of Memphis. Being optimists we were prepared for a massive
turn-out (25 or so.) A paltry fifty-five people showed up and we
were wall to wall in that hot little room.

We knew we had to find some other place for a crowd that size so
in June we moved our meeting place to the basement classroom of a
new computer store (The Computer Center) in Poplar Plaza.   This
room could hold forty to fifty people fairly easy. Sixty-five
people showed up and we were again out of room. We spent the next
several months looking for a really large place to meet (the
Mid-South Coliseum was ruled out because of the price.) We finally

~~~~~~   ~

got permission to use the public auditorium of the Memphis City
Schools Board of Education. At our last meeting at The Computer
Center there were seventy-eight people in attendance - and we had
not even advertised yet.

We had some flyers printed up announcing our first meeting at the
Board of Education in December, 1983. Almost 200 people greeted
us that night. It was a fiasco. We just were not prepared for
that kind of crowd.

We have since gotten more organized and I think things are running
more smoothly. It has taken us a long time (two years) to get to
where we are now but I think I speak for each and every one of the
former and out-going officers when I say it has been a lot of hard
work and a lot of fun but it's time to let someone with new ideas
and new energy run things for awhile.

 ....And they lived happily ever after.

And that, little ones, is the story of how the mean, old grouch
stole the computer group!

Congratulations to the new crew and thanks a million to the old
one.

                    Howard Watson
                    President

HISTORY

THE FIRST BUG

In the summer of 1945 we were building Mark II; we had to build it
in an awful rush - it was wartime - out of components we could get
our hands on. We were working in a WW I temporary building. It
was a hot summer and there was no air-conditioning, so all the
windows were open. Mark II stopped, and we were trying to get her
going. We finally found the relay that had failed. Inside the
relay - and and these were large relays - was a moth that had been
beaten to death by the realy. We got a pair tweezers. Very
carefully we took the moth out of the relay, put it in the
logbook, and put scotch tape over it.

Now, Commander Howard Aiken had a habit of coming into the room
and saying, :Are you making any numbers?" We had to have an excuse
when we weren't making ay numbers. From then on if we weren't
making any numbers, we told him that we were debugging the
computer. To the best of my knowledge that's where it started.
I'm delighted to report that the first bug still exists; it is in
the Naval Museum at the Naval Surface Weapons Center in Dahlgren,
Virginia.

                Grace Murry Hopper, Captain, USNR
                Annals of the History of Computing
                Vol 3, No3, July 1981 p.285

FREE PROGRAM

The program listed below was written by CIN-DAY User Group member
Dave Rose.

Try it, You'll like it!

1...5...10....5...20....5...   1...5...10....5...20....5...

```
100 REM MICKEY MOUSE
110 REM
120 REM WRITTEN BY:
130 REM
140 REM DAVE ROSE
150 REM
160 REM CIN-DAY USER GROUP
170 REM
180 CALL CLEAR
190 CALL SCREEN(16)
200 FOR A=1 TO 14
210 CALL COLOR(A,2,1)
220 NEXT A
230 FOR B=35 TO 138
240 READ A$
250 CALL CHAR(B,A$)
260 NEXT B
270 RESTORE 600
280 FOR C=2 TO 13
290 FOR D=13 TO 19
300 READ E
310 CALL HCHAR(C,D,E)
320 NEXT D
330 NEXT C
340 FOR F=18 TO 20
350 FOR G=6 TO 26
360 READ H
370 CALL HCHAR(F,G,H)
380 NEXT G
390 NEXT F
400 CALL KEY(0,I,J)
410 IF J=0 THEN 400
420 CALL CLEAR
430 END
440 DATA 0000000000000001,00
000000073F7FFF,000000000B0F0F
8FC,0000000000010303,00073FF
FFFFFFFFF,00C0F0FCFEFEFFFF
450 DATA 0303070707070707,FF
FFFFFFFFFFFFF,FEFFFFFFFFFFFF
FFE,00000000071F3FFF,0303030
3E1FFE3C1,FFFFFFFFFFFEFCF8
460 DATA 07030301,FFFFFFFF7F
1F,FFFFFFFFECE1C1C3C,C3811820
200E112,8C928200001C2281,FF7
738381C1C1E1E,F0C
470 DATA 3C3C3E3E3F3F301,202
0262727128001,011939391100F8
FC,1E3E3E3E41,00000000008040
40,202020202110100807
480 DATA 014181404020100F,FC
FCF8F0000106FC,4020508182041
86,40408,0000000103070F0F,00
0FFFFFFFFE7EFD
490 DATA C2F1F8FEFFFFFFFF,24
09F3078BFFFFFFF,8000008080C0C
0E,0F0F060404080808,80003878
78787161,1F070060F0F0F0F
500 DATA FFFFFF7B3B131F0F,E0
D0F0F0F8FBFCFC,0B0B0B0804040
404,0101,F0E0C,0F0F0F1F1C101
01,F0E0E08,0808080403
510 DATA 0010080402EF1F0F,00
00000000FF7FBF,101008080830C
EC1,00000000000000E,00000000
001F608,0703010100C03C03
520 DATA BFDFDFEFEF77B71B,C0
C0E0E0E0F0F8FC,1F,00FB060101
01063B,000101010101
530 DATA 8000000000008040,00
0C020101,1F0B0B0C0A894804,FB
FBF00000810204,F01E0201408,0
00000C030080404,20180403
540 DATA 000000807F,040A1960
B,081000C020180601,000000000
00003FC,0404040810608,FCFCFC
FC3038383C,0303030300010103
550 DATA F0F0F0F0C0C0C0C0,30
7878300000007,00000000000000
3E,1C1C1C0404040404,00000000
000000FB,0000000000000001F
560 DATA 000000000000007C,34
3633333131FCFC,02060C0C9B98F
363,C0C0C0C0C0C0F0F0,7070101
01010107C,7F7F41404040417F
570 DATA 040404050704041F,F8
F860804060307C,7F7F41417E404
17F,1F1F040402020101,7C7C101
0202040C,FCFC,6303,F0F0
580 DATA 7C7C,7F3E,1F1F,0000
000000030303,80808080808E0E0E
0,000000000000001C,000000000
000007,7F7F41414141417F
```

5

```
1...5...10....5...20....5...

590 DATA 1C1C0808080808080F,71
712121202021F9,FCFC0400F8040
4FC,0F07,F9B8,FCF8
600 DATA 35,36,37,32,38,39,4
0,41,42,43,44,45,42,46,47,48
,49,50,51,52,53
610 DATA 32,32,54,55,56,57,5
8,32,32,59,60,61,62,63,32,64
,65,66,67,68,32
620 DATA 32,69,70,71,72,73,3
2,32,74,75,76,77,78,32,32,79
,80,81,82,83,32
630 DATA 32,84,85,86,87,88,8
9,90,91,92,93,94,95,96,32,97
,98,99,100,101,102
```

```
1...5...10....5...20....5...

640 DATA 103,104,105,106,107
,108,109,107,110,111,32,32,3
2,103,104,105,107,130,131,10
9,107
650 DATA 112,113,114,115,116
,117,118,119,120,121,32,32,3
2,112,113,114,132,133,134,13
5,119
660 DATA 122,123,124,125,126
,127,125,126,128,129,32,32,3
2,122,123,124,126,136,137,13
8,126
```

BEYOND PERSONAL RECORD KEEPING

Thanks to an inquiry on the bulletin board, I thought I would
share with you the following program which sorts PRK records
according to the first five fields in the order of determined by
the 'key', which in this case is the first five character fields.
I think that since this is a BASIC program you won't see any
increase in speed over the painfully slow sort that is already
available in PRK. This simply lets you sort PRK records using any
number of fields. It would be wise to have a printed or hand
copied file structure available if you plan to modify this program
to sort one of your files. In our example here, we use a file
with 15 fields (5 character and 10 numeric), but you could modify
that to suit your needs. Have fun!

```
1000 REM The following BASIC program BUILDS A PRK DATA FILE, SORTS
1010 REM the file SORTWK.  Then it restores the data to the PRK fil
1020 REM Requires use of Disk drive and diskette with enough room t
1030 REM build a relative record work file with which to do the sor
1040 REM
1050 REM Before running the program, enter TI BASIC with the PRK mo
1060 REM inserted in the console.  Then execute these BASIC command
1070 REM > CALL FILES(1)
1080 REM > CALL P(10000)
1090 REM > NEW
1100 REM Load this program into memory (OLD DSK1.??????????) and RU
1120 REM +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
1130 OPTION BASE 1 REM Set array index to begin at 1.
1140 DIM A$(15) REM Build an array to store default values.
1150 A$(1)="000000" REM Default values will be used to replace when
1160 A$(2)="00" REM no data has been entered into the PRK file.
1170 A$(3)="0000" REM There should be as many array/default values
1180 A$(4)="0000" REM there are fields in the PRK record.
1190 A$(5)="0000"
1200 A$(6)="00000"
1210 A$(7)="0000.00"
1220 A$(8)="0000.00"
1230 A$(9)="00000"
1240 A$(10)="00000"
```

```
1250 A$(11)="00000"
1260 A$(12)="00000"
1270 A$(13)="000000.00"
1280 A$(14)="000000.00"
1290 A$(15)="0000"
1300 CALL CLEAR
1310 INPUT "ENTER NAME OF THE PRK FILE TO SORT >":FILE$
1320 CALL L(FILE$,C)
1330 IF C=0 THEN 1660
1340 CALL H(1,1,0,F$)
1350 CALL H(1,5,0,F)
1360 CALL H(1,6,0,R)
1370 S=0
1380 FOR I=1 TO F
1390 CALL H(1,9,I,F$)
1400 CALL H(1,10,I,T)
1410 CALL H(1,11,I,W)
1420 IF T<>1 THEN 1450
1430 S=S+W+1
1440 GOTO 1460
1450 S=S+9
1460 CALL H(1,12,I,D)
1470 NEXT I
1480 OPEN #1,"DSK1.SORTWK",RELATIVE R,INTERNAL,UPDATE,FIXED S+1
1490 I=1 TO R
1500 RESTORE #1,REC I
1510 FOR J=1 TO F
1520 CALL H(1,10,J,T)
1530 IF T=1 THEN 1590
1540 CALL G(1,I,J,C,D)
1550 IF C=0 THEN 1570
1560 D=VAL(A$(J))
1570 PRINT #1:D;
1580 GOTO 1630
1590 CALL G(1,I,J,C,F$)
1600 IF C=0 THEN 1620
1610 F$=A$(J)
1620 PRINT #1:F$;
1630 NEXT J
1640 NEXT I
1650 GOTO 1680
1660 PRINT "ERROR IN LOADING PRK FILE."
1670 STOP
1680 GAP=2 INT(LOG(R)/LOG(2))-1
1690 T"Beginning srt of "&STR$(R)&"records."
1700 FOR I=1 TO R-GAP
1710 FOR J=I TO 1 STEP -GAP
1720 REM According to PRK file structure, we INPUT 5 char, 10 numeric
1730 REM fields when we read the record.  Your situation may differ.
1740 INPUT #1,REC J:S1$,S2$,S3$,S4$,S5$,S6,S7,S8,S9,S0,SA,SB,SC,SD,SE
1750 INPUT #1,REC J+GAP:Z$,B$,C$,D$,E$,FX,GX,HX,IX,JX,KX,LX,MX,NX,OX
1760 REM For this file we build a 'key' made up of the 2nd-5th and 1st
1770 REM fields of the record.  You may build your sort 'key' differently.
```

```
1780 X$=S2$&S3$&S4$&S5$&S1$
1790 Y$=B$&C$&D$&E$&Z$
1800 IF X$<=Y$ THEN 1840
1810 PRINT #1,REC J+GAP:S1$,S2$,S3$,S4$,S5$,S6,S7,S8,S9,S0,SA,SB,SC
,SD,SE
1820 PRINT #1,REC J:Z$,B$,C$,D$,E$,FX,GX,HX,IX,JX,KX,LX,MX,NX,OX
1830 NEXT J
1840 NEXT I
1850 PRINT GAP
1860 GAP=INT(GAP/2)
1870 IF GAP>0 THEN 1700
1880 PRINT "Restoring srted data and saving as PRK file with name o
f ":&FILE$
1890 FOR I=1 TO R
1900 RESTORE #1,REC I
1910 FOR J=1 TO F
1920 CALL H(1,10,J,T)
1930 IF T=1 THEN 1970
1940 INPUT #1:D
1950 CALL G(0,I,J,D)
1960 GOTO 1990
1970 INPUT #1:F$,
1980 CALL G(0,I,J,F$)
1990 NEXT J
2000 NEXT I
2010 CLOSE #1:DELETE
2020 CALL S(FILE$,C)
2030 IF C THEN 2050
2040 PRINT "Error in Saving PRK file."
2050 STOP
```

Don Donlan
HOOSIER USERS GROUP NEWSLETTER "The HUGgers"

SOUND MYSTERY

This is an Extended BASIC program - a memory expansion is required
- produce a veritable symphony of sounds. It comes from the
Southwest Ninety-Niners of Tucson,Arizona. The FCTN Clear will
cause it to stop running.

```
90 CALL INIT
100 FOR A=1 TO 255 :: CALL LOAD(-31744,-A) :: NEXT A
110 FOR A=1 TO 255 :: CALL LOAD(-31744,A) :: NEXT A
120 FOR A=1 TO 255 :: CALL LOAD(-31744,A) :: NEXT A
130 FOR A=1 TO 255 :: CALL LOAD(-31744,-A) :: NEXT A
140 FOR A=1 TO 255 STEP 4 :: CALL LOAD(-31744,-A) :: NEXT A
160 CALL SOUND(100,110,0)
170 FOR B=1 TO 2 :: NEXT B
```

From MICROpendium, December 1984

TI STILL ALIVE AND GROWING

CorComp Inc. is engaged in market research regarding the
production of a number of items for the TI99/4A, according to

Jackirae Sagouspe, president. She says that the company has "put out feelers" on a mouse, time clock card, internal modem card, Koala-type graphics pad and RAM disk card. She notes that if there is a demand, none of these items would be "overly difficult" to produce.

Tex-Comp's new catalog is the biggest one that the mail-order company has ever done, according to Jerry Price, Tex-Comp's vice president and managing director. Those wishing to recieve the 30-page TI99/4A Catalog and Buyers Guide may send $2 to Tex-Comp, P.O. Box 33084, Granada Hills, Ca 91344 for the catalog and a $5 certificate good on TI products. The catalog features many new items never available before.

Myarc has begun shipping a disk controller card and RS232 card for the Peripheral Expansion Box. The disk controller will control up to 4 drives. The card can take advantage of single-sided, double-sided, single and double-density drives. It comes with the Disk Manager II cartridge. The cartridge is used to initialize double-density diskettes. The RS232 card is being produced because supplies of TI RS232 cards are virtually nonexistent, a company spokesman said. For more information, contact Myarc at P.O. Box 140, Basking Ridge, NY 07920 or call (201) 766-1700.

Quality 99 Software has been introducing a number of new products recently, and the most recent batch includes a disk manager program that once loaded into the computer's memory remains there for instant access until the machine is turned off. Called Disk Manager III, the disk-based program requires a memory expansion and Extended Basic. The resident disk manager program includes such functions as disk catalog to screen or printer, disk initialization (double-density included), diskname and file name changing, file protection change, and file delete. The program operates without disturbing the program in memory. These functions may also be used in Extended Basic programs. The price is $39.95. Other new programs include Chart Maker, which creates charts and graphs for display on screen or printer, $19.95; SDUMP, a resident screen dump utility, $19.95; and QS-Writer, allows TI-Writer to be loaded from Extended BASIC, Editor/Assembler or Mini-Memory, $29.95. For more information, contact the company at 1884 Columbia Rd, -500, Washington, D.C. 20009, (202) 667-3574.

Looking for help in predicting the outcome of professional football games? Ridge Services claims it's Pro Football Analyst has chosen selected NFL Overlays (best bets) at a 66.3 percent win rate over the past five years. The company says it can be used to predict winners against the point spread, as well as for pools and total point choices. Statistics from newspapers are used for input. The price is $35 on diskette or cassette, with BASIC or Extended BASIC versions available. For more information, write to 170 Broadway, Suit 201, New York, NY 10038.

Edited from MICROpendium December 1984 issue.

TIBBS

TIBBS is still up and growing, give it a call at 452-2876 24 hours

~~~~~~

a day. Hopefully some new features will be added soon with the
arrival of a new version of the TIBBS program. Give it a call....

Gary Cox

FORTHING

This FORTH program puts a real-time clock on the monitor screen.
STOPCLOCK will stop the clock. It uses a memory location that
interferes with the MON command. To load it automatically add "32
LOAD" after the menu on screen #3. Program courtesy of
Cincinnati-Dayton Users Group.

```
SCR #32
  0 (  clock: to start enter hour 1 - 24 and minute and TIME )
  1 0 VARIABLE XX 8 ALLOT 58 XX 2 + C! 58 XX 5 + C! 0 BARIABLE TT
  2 : *UPDATE 1 TT +! TT @ 59 > IF 0 TT !
  3 XX 7 + 1 OVER C@ + DUP 58 < IF SWAP C! ELSE DROP 48 SWAP C!
  4 XX 6 + 1 OVER C@ + DUP 54 < IF SWAP C! ELSE DROP 48 SWAP C!
  5 XX 4 + 1 OVER C@ + DUP 58 < IF SWAP C! ELSE DROP 48 SWAP C!
  6 47 TT !
  7 XX 3 + 1 OVER C@ + DUP 54 < IF SWAP C! ELSE DROP 48 SWAP C!
  8 XX 1 + 1 OVER C@ + DUP 58 < IF SWAP C! ELSE DROP 48 SWAP C!
  9 XX DUP C@ 1 + SWAP C! ENDIF XX C@ 50 = XX 1 + C@ 52 = + 2 = IF
 10 48 48 XX C! XX 1+ C! ENDIF ENDIF ENDIF ENDIF ENDIF
 11 XX 22 8 VMBW ENDIF ;
 12 : TIME 10 /MOD 48 + XX 3 + C! 48 XX 6 + C! 48 XX 7 + C!
 13 48 + XX 4 + C! 10 /MOD 48 + XX C! 48 + XX 1+ C!
 14 INTLNK @ ' *UPDATE CFA ISR ! -31804 ! ;
 15 : STOPCLOCK 0 -31804 ! ;
```

CALL LOADS - AGAIN

Call loads require the memory expansion and either Extended BASIC
or the Editor/Assembler using TI BASIC. CALL INIT also must be
typed prior to using a CALL LOAD, CALL PEEK, etc...

****

.CALL LOAD(-31804,N) N=0-255
This one changes the flash rate of the cursor. N=0 for normal
cursor speed.

****

CALL PEEK (2,A,B) :: CALL LOAD (-31804,A,B)
This will bring up the title screen. Or CALL LOAD(32218,32) will
bring up the title screen.

****

CALL LOAD(-28672,A)
Checks to see if speech synthesizer is attached. A=96 if plugged
in, A=0 if it is not.

****

```
CALL LOAD(31806,X)

X=128 ALL ARE DISABLED
X=64 SPRITES OFF
X=32 SOUND DISABLED (CAUSES UPS)
X=16 QUIT KEY OFF
X=48 SOUND AND QUIT OFF
X=80 SPRITES AND QUIT OFF
X=96 SPRITES AND SOUND OFF
X=0 RE-ENABLES ALL FUNCTIONS
```

While sprites are disabled, other sprite functions still work.

****

CALL LOAD(-31740,A,B)
A & B values can be changed around to get different sounds.   The
sound will continue until a CALL SOUND statement, INPUT beep, or
an error occurs.   The same goes for CALL LOAD(-31744,A) A=0 to 255
positive and negative.

****

CALL LOAD(-31962,255)
This restarts the computer from Extended BASIC and looks for a
program called LOAD.

****

```
CALL LOAD(-32187,9)= 0 line #
CALL LOAD(-32188,127)= change color and recieve a breakpoint.
CALL LOAD(-32188,1)= change color and recieve a syntax error.
CALL LOAD(-32116,8)= searches disk
CALL LOAD(-32116,4)= Brings you from EX BASIC to BASIC.
CALL LOAD(-32116,1)= random characters on screen.
CALL LOAD(-32114,2)= random garbage.
CALL LOAD(-32114,13)= screen goes wild.
CALL LOAD(-32114,119)= lines
CALL LOAD(-31878,0)= turn off sprites and program speed increases.
```
Or replace 0 with the # of sprites you are using.

****

The following works from Editor/Assembler in BASIC only. CALL
INIT still must be typed prior to using these. It needs only to
be typed once.

```
CALL POKEV(32272,0) Clear screen
CALL POKEV(-30945,0) White edges
CALL POKEV(-32280,0) Bit map
CALL POKEV(-32766,0) Color block
CALL POKEV(-32768,0) Reset block
```

Use CALL POKEV(-32280,0) and CALL POKEV(-32766,0) together for a
combined effect and CALL POKEV(-32768,0) to reset to normal.

****

Now the most interesting CALL LOAD comes from Mark Finkelstine of
East Windsor, NJ 08520 via Home Computer Magazine. This CALL LOAD
and CALL PEEK from Extended BASIC will recover a lost program that
was erased by hitting QUIT. First type a short program into
Extended BASIC with the memory expansion on. Then type CALL
PEEK(-31952,A,B,C,D) :: PRINT A;B;C;D . The first 2 values shown
point to the start of the line number table. The second pair of
values point to the end of this table. Write down these numbers.
Now press QUIT and re-enter Extended BASIC. Next type CALL INIT
Now you have to reload the values you wrote down. Do this by
typing CALL LOAD(-31952,A,B,C,D) replacing the A,B,C,D with the
values you got before. Type LIST and it pops back. There is only
one draw back. If you add any lines to your program after you
have found the 4 numbers, you must re-PEEK that address and get
the 4 new values. If you do not do this, and then try to place
the old values into the memory, your computer will most likely
lock up.

###

This one is indescrible.

10 CALL CLEAR::CALL INIT:: CALL LOAD (8196,63,248)::CALL LOAD
(16376,84,32,32,32,32,32,48,0)

20 CALL LOAD(12288,2,224,131,224,2,1,240,129,216,1,131,212,216,1,1
40,2,6,193,216,1)

30 CALL LOAD(12308,140,2,2,1,244,135,216,1,140,2,6,193,216,1,140,2
,6,155)

40 CALL LINK("T")

50 INPUT A$::IF A$="C" THEN CALL CALL CLEAR::GOTO 50 ELSE 50

From Garry Noel CIS # 75166,324

###

Gary Cox

BOARD MEETING MINUTES
December 30, 1984

The Board discussed the possibility of a one time registration fee
for the bulletin board. After much discussion, a motion was made.
The motion failed.

A motion was made to auction off several items in the library to
members of the group. The motion carried. There are several
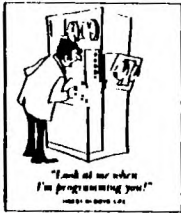items on the list. Two of them are TI-Writer & Extended BASIC.

The board also discussed having a detail list of all club
expenditures placed in the newsletter. No motion was made but
there was a general consensus to do so.

The twenty educational programs for $100 offer was again discussed

and it was decided to table the issue until we know more about it.

Howard Watson for
Lee Avant
Secretary

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SHOPPER'S CORNER

Have a used item you want to sell or need to find? Anyone wanting
to buy, trade or sell any 99/4A product may post a notice in the
Shopper's Corner. Free for members — $1 per item for non-members.
Notices may be given to Brenda Watson at any Users Group meeting.
Notices should be brief (no more than three lines 65 characters
long (195 spaces).

ANNUAL DUES

Is your annual membership due? To find out, look at the mailing
sticker on the back of this newsletter. If it has dollar signs
($$$) on it, it is time to renew your membership. Your membership
in the group is required for use of the library, the Bargain
Corner deals and the newsletter. Your dues are the only funding
the group has to pay its bills and produce and mail the
newsletter, so please pay when your time comes. It is only
$15.00.

PROTECTION

There are strong FEDERAL LAWS against duplicating copyrighted
programs. Please don't break these laws!

LIBRARY PROGRAM ORDER FORM

ID # _____ NAME _____ PHONE (___) ____-_____

   COPIES ON TAPE   TAPE TURNED IN _____
1. _____ 3. _____
2. _____ 4. _____

   OR

   COPIES ON DISK   DISK TURNED IN _____
1. _____ 4. _____
2. _____ 5. _____
3. _____ 6. _____

COMMENTS:

|_| YES, I WOULD LIKE TO WORK ON THE LIBRARY COMMITTEE.
Mail form to: Pierre LaMontagne, 3805 Denver, Memphis, Tn., 38127

DISCLAIMER

The Mid-South 99 Users Group is not affiliated with or sponsored by Texas Instruments and has no relationship with them, implied or otherwise. Any mention of a company or product is not an endorsement of either the company or the product.

ANNOUNCEMENT

The TIdBits newsletter is available in LARGE PRINT for the visually impaired. Contact Brenda Watson for copies.

FREE NEWSLETTERS

When you come to a meeting as a visitor for the first time and become registered on our files by filling out a "User Profile" sheet (does not obligate you to join), you will automatically receive three issues of our newsletter, **TIdBits**. If you have not joined our club within three months, you will notice three pound signs (###) on your mailing label. That means this is the last free newsletter you will receive. You must pay the annual membership dues to continue receiving **TIdBits** afterwards. Watch your newsletter label and pay your dues to ensure that you keep receiving the newsletter.

CALENDAR

MEETINGS: January 10, February 14, March 14, April 11.

WORKSHOPS: January 19, February 16, March 16, April 20.

OFFICERS

Bert Jones	President	755-4859
Gary Cox	Vice-President	789-4419
Yvonne Morgan	Secretary	521-9560
Tara Kirby	Treasurer	363-7178
Pierre LaMontagne	Chairman - Library	365-1892
Howard Watson	Editor - Newsletter	755-4859
Rick Glisson	Chairman - Program	386-1159

GROUP MAILING ADDRESS

Mid-South 99 Users Group
P.O. Box 38522
Germantown, Tn. 38138-0522

NOTICES

MEETING
7:00 P.M.
Thursday, January 10
Auditorium
Memphis Board of Education
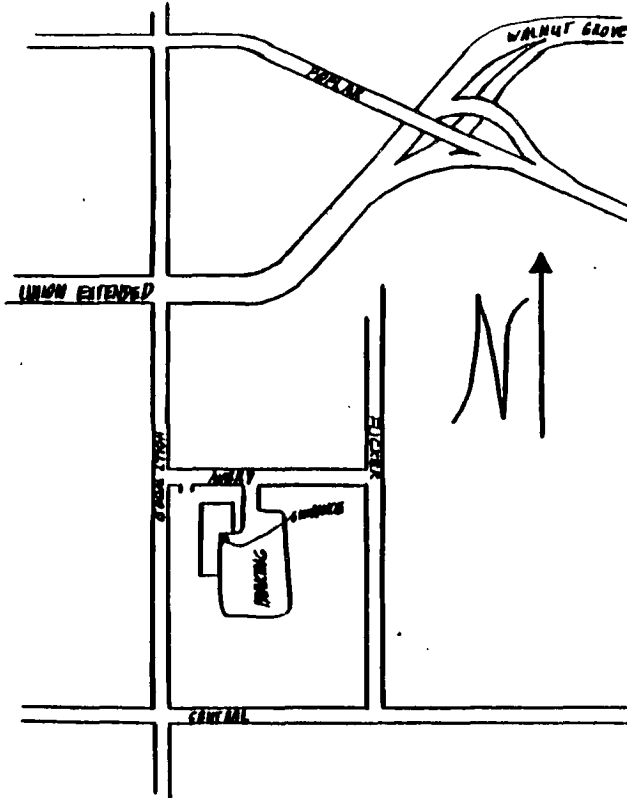2597 AVERY
(Parking and entrance in the rear)

WORKSHOP
9:00 - 12:00
Saturday, January 19
Al Doss's
4284 Leatherwood
Memphis, Tennessee

MEMBERSHIP APPLICATION

NAME _____ |_| FAMILY $15.00
ADDRESS _____ |_| JUNIOR (under 15) $10.00
CITY _____ ST __ ZIP _____   INTERESTS _____
PHONE   (___)____-_____   _____
EQUIPMENT & SOFTWARE: _____   _____

_____

Detach and mail with check payable to: Mid-South 99 Users Group,
P.O. Box 38522, Germantown, Tn, 38138-0522.