# TI DBITS

## MID SOUTH 99 USERS GROUP

### MEMPHIS    TENNESSEE

PC 99 TI Emulator shown at the Chicago TI Faire!
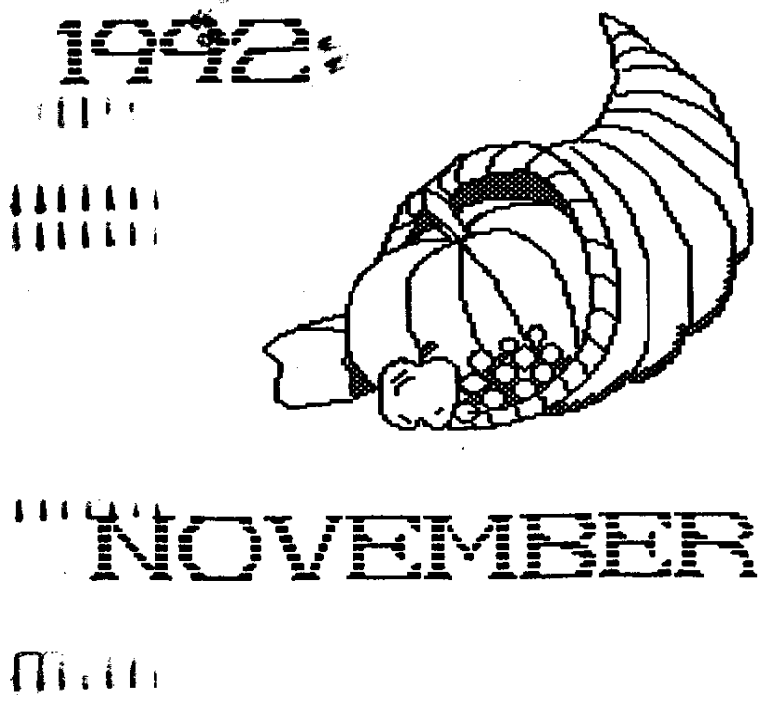
1992

NOVEMBER

Newsletter cf the MID-SOUTH 99 USERS GROUP-Vol 10,#11-NOV 1992
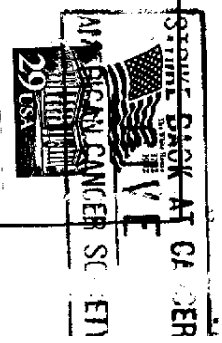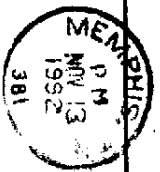
# ⊃TIDBITS⊂

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## NOV. 1992 INDEX

# PRESIDENT'S BIT
-------------------------------------------- by Gary W. Cox

At this month's meeting we will be taking nominations for the offices of President, Vice-President, Secretary and Treasurer with voting to be held at the December meeting.
Also at this months meeting we will be looking and some of the new software obtained at the Chicago TI Faire as well as I will have the usual pictures.

As a reminder note the biggest meeting of the year is coming up in December with that being the Christmas party so make plans now to attend!

C ya at the meeting....

# PASS WORD PROGRAM
--------------------------------------------

from the May 1990 amptom Roads TI Users Group Newsletter. reprinted in the N.W. Ohio newsletter, March 1991

The following program will allow you to have a pass word subroutne In your own program.
```
10 CALL KEY ( 0, K, S)
20 IF S=0 THEN 10
30 CT = CT + 1
40 FOR X = 1 TO 50
50 NEXT X
60 SUM = K + SUM
70 IF CT <> 3 THEN 10
80 IF SUM = XXX THEN 110
90 CT = 0 :: SUM = 0 :: GOTO 10
100 CALL CLEAR
110 ! YOUR PROGRAM
*****************************************
************* PASS WORD ***************
*************** PROGRAM ****************
*****************************************
```
10 - 20 Loop for key press.
30 Sets up counter for use in line 70.
40 - 50 Delay for processing.
60 Finds sum of keys returns to be checked in line 80.
70 Loops back to call key untill 3 key presses are done. You may change the length of your password.
80 Exits loop if sum is equal to the total password ascii values, the "XXX" in this case.
90 Sets all variables back to zero in loop then beginning anew if wrong password.
100 Clears screen then begins main program.

# TRIVIA QUESTIONS
------------------------------------------- by Bill Gaskill

1. What was the 91st reason given in TI's November-December 1983 magazine advertisment entitled "91 REASONS TO BUY A TEXAS INSTRUMENTS HOME COMPUTER"?

2. What was the first software product released for the TI-99/4?

3. Name the first third-party software modules to be announced for the TI-99 Home Computer and who manufactured them?

4. What was the first software product released for the TI-99/4A that would not run on the 99/4?

5. What was the last software product scheduled to be released for the TI-99/4A (hint: it was never released)?

6. What was the best selling TI-99 entertainment software product?

7. What was the best selling TI-99 home use or personal productivity software product?

8. Which single TI produced / licensed software product carried the highest suggested retail price ever?

9. What is the single most expensive peripheral ever offered for the TI-99 by TI or any third-party manufacturer?

10: Name the company who in February, March and April 1983 claimed to be working on a version of Zaxxon for the 99/4A only to ultimately drop the project because they couldn't fit the program into an 8K module, and they didn't feel there were enough 99/4A disk systems sold to justify producing a disk version?

11. Name the author of Arcturus, the Zaxxon clone that was released as an I/O port module by Exceltec in 1985.

12. Name the person who "is" the company named Video Magic?

13. Who are Jim Chaffin and Bill Maxwell?

14. Name six Texas Instruments produced TI-99 products that were discontinued between 1979 and 1983?

15. Who is Bounty Bob?

16. Galen Read, the talented assembly language programmer who gave us WriterEase and Console Calc (aka TI-Planner), and who owned the now defunct Innovative Programming business, started out in the TI-99/4A business world as a partner in what firm?

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17. What TI-99 program was Texas Instruments referring to in its February 1982 advertisement that read; "THE MONSTER IS FREE!"?

18. Who is Leslyn Tepper?

19. What is the name of the TI-99 product that carried product number PHA 2500?

20. Who is the author of TI Mini Writer PHT 6103, the Mini Memory based word processor that Texas Instruments announced never released, that was picked up by TexComp and initially sold as part of an entry-level word processing system with the Mini Memory module and an Axiom GP-100TI printer making up the package?

21. On what piece of TI-99 hardware would one find the built-in EQUATION CALCULATOR?

22. What hardware peripheral did the TI-99/4 and the TI-99/4A support, that TI did not provide until January 1983?

23. What obvious visual feature separated TI's disk based software produced for use with the original stand alone Disk Memory Drive PHP 1850, from that which was produced after the Expansion Box Disk Drive was introduced?

24. What TI produced Solid State Software command module carries the earliest (oldest) copyright date?

25. Who was the 1st Place Winner in TI's Author Incentive Program that took place from August to November 15, 1980?

# 1992 CHICAGO TI FAIRE
------------------------------------------- by Gary W. Cox

The yearly Chicago TI Faire has once again come and gone leaving attendees with a variety of new TI99/4a and Geneve products in their hands.

One of the most interesting items at the faire which caught my eye was PC99 (TI Emulator) by Mike Wright and Greg Hill and distributed through CaDD Electronics. PC99 is a program which allows the IBM compatible PC user to operate his PC as if it were a TI99/4a running TI99/4a compatible programs. The project is far from completion but what does work looks at least intriguing. According to Mike Wright the TI GROMs and ROMs have been copied into a program on the PC thus allowing actual TI emulation and not fake screens that fool you into thinking your PC is running as a TI99/4a.

The first display that you see on your PC is the TI color bar screen followed by the familiar selections for TI basic and Extended BASIC than followed by the usual prompt seen in Extended BASIC. I actually got to sit at the keyboard and play

5

a little with PC99 and I wrote a simple 4 line program in XB which ran fine. I was also able to see Parsec running on the PC with the exception of sprites in operation as sprites have not yet been implemented.

The program development is currently in what is called Stage 0 which is the very first stage of development. The system operates VERY slow even on a 50mhz PC. The speed of the system is expected to dramatically increase as revisions to the operating system code is modifyed and optinized. It is impressive that someone has actually gotten this far on a TI emulator on a PC but to me it is currently just a neat thing to see rather than something that can get much use running TI programs due to many incompatibilities that still exist as well as the slow operating speed. However, if the development of this continues this very well could put new life into the TI99/4a world!

Many stages are expected in the development of PC99 and how far the developent goes depends on how much interest is generated' and each stage adds additional abilities.

Don O'Neill, designer of the SCSI controller card was present displaying his new SCSI controller card. The card is available through Bud Mills Services.

Michael Maksimik of Crystal Software was present selling a variety of MIDI related products which include Midi Master 99 v2.3, Midi Album 99, various song disks and a new enhanced cable design for his MIDI interface. Also new and functioning was software written by Mike which will operate a tape backup device on the Geneve. The software is expected to be released soon from 9640 News. One other interesting item Mike had setup was a Geneve operating in a AT tower case which provided for a very neat and clean setup!

New from Ken Gilland of Notung software was Midi volume 5, Disk of the Ancient Ones containing seens from the ages and a Hieroglyph translator among other things. For those interested in Western related items was a disk called Disk of the Old West containing music, graphics etc.. related to the old west. Then for advanced BASIC owners was a new game called ARMOR.

Bruce Harrison of Harrison Software was present displaying his various programs including Smart Connect which is a program which allows the transfer of files between a TI and a PC compatible computer. New this year was Stor Mor ($5) a simple program that loads strings into low and high memory solving the problen of programmers running out of string space. Stor Mor might be thought of a sort of memory manager simular to what you find on PC's.

Among the busiest tables at the faire was the 9640 News table where Berry Miller of 9640 News could be found with a variety of software for the Geneve including GenPROG, Picture Transfer, HyperCopy, PC Transfer, Pc Transfer utilities, Identifile, 9640 News volume 1, 2 and 3, Global War, Tetris for MDOS, Barricade, MODS version H and F, ABASIC, V9938 manuals,

MDOS source code, ABASIC source code and PSYSTEM source code and libraries. One new program was a backup program called Backup Miser which will backup a hard disk to floppy using data compression techniques to mininize the amount of disks needed.

Chris Bobbitt and David Bishop were representing Asgard Software and Asgard had quite a variety of new products on hand. Among Asgard's new products was Link Terminal Emulator, Page Pro Composer, Invoice Management, Mail Room, Music Maker Sampler and Font Sampler. One of the biggest new items from Asgard was First Draft, a new word processor program with a built in spell checker! As for the hardware aspect Asgard had on hand a new memory card for the 4a.

Present from MS Software was Mickey Cendrowski (Schmitt) and Mike Sealy demonstrating a new product called Page Pro Cataloger which will print a catalog quicky and easily of Page Pro Pictures.

Larry Conner of L.L. Conner Enterprizes was present at the show with his variety of TI cartridges, third party software and a variety of hard to find TI chips and rare hardware such as a ham radio morse code transmitter interface for a TI99/4a.

Ron Markus of Ramcharged Computers had his usual assortment of software and joysticks plus two new game programs called Astro-Mania and War on Sea both available for $9.95 each.

Del Wright and William Lucid of D. Wright Stuff was present with a variety of disk drives, quite cooling fans, joysticks, power supplies, modulators and drive enclosures among many other items for sale.

Ted Kieper of Competition Computer was present with various parts, drives, cartridges, consoles and a good variety of expansion boxes, monitors and cables.

Mark Wacholtz of Media Wars Software was present with a new game called Super Space Acer which is a neat game written my Mike Ward in C language. Among other items at his table was a variety of hardware and other software.

Don Walden of Secure Electronics was present providing a variety of upgrades and parts for Geneve's. Furthermore, Don indicated that they are now a authorized repair center for Myarc products including Geneve's.

For those interested in BBS software Tim Tesch was demonstrating his BBS software, written in Extended BASIC and Assembly, which will run on either a TI99/4a or Geneve 9640. The software is only $30 and it looked like a very nice BBS program. Tim mentioned that he will possibly be working on an Echo mail system for his BBS software sometime soon.

Bud Mills of Bud Mills Services (Horizon Computer) was present with his variety of ramdisks including the Horizon 4000 Ramdisk as well as other products including the new SCSI card from Don O'Neill.

Mark Van Coppenolle of C.A.D.D. Electronics was present with their assortment of hardware and software for the TI and Geneve including the Gramulator and other products. A company called MUDD & Co. had a variety of used equipment both TI and non TI related. Then last but not least John Kolon of MICROpendium was present at his booth selling a variety of their published programs on disc as well as handing out copies of MICROpendium.

Many user groups were also represented such as Charles Good of the Lima group, Greg Larson of the Hoosier's users group, the Will County Users Group, Milwaukee TI users group among many others including me from my group (Mid-South 99 Users Group)...

People from not only all over the U.S.A. was present but some TI'ers from Germany, Holland and I had a nice talk with Berry Harmsen of the Dutch TI Users Group where their European TI group has 260 members. Mr. Harmsen has some interesting items to show as well including a card which allows the user to put his speech synthesizer board onto a board for the PEB and using this special board the user can access TE2 speech capabilities without having the TE2 module! Another item was a special archiver program which will compress assembly programs up to 60% of their original size making the programs much smaller and once archived it will still run without having to unarchive it. This would come in really handy for those with limited disk or ramdisk space.

While this report was a quick and dirty overview of what went on at the faire a surprizing amount of new products were introduced and more details on the various new products I am sure will be appearing in Micropendium.

Below is a list of the vendors present at the 1992 Chicago TI Faire:

Asgard Software, P.O. Box 1306, Rockville, MD 20849 (703) 255-3015

Bud Mills Services/WHT 166 Dartmouth Drive, Toledo, OH 43614 (419) 385- 5946

C.A.D.D. Electronics, 81 Prescott Road, Raymond NH #3077 (603) 895-0119

Chicago TI 99/4a Users Group, P.O. Box 578341, Chicago, IL (708) 862- 0182

Competition Computer Solutions, 2219 S. Muskego Ave. Milwaukee, WI 53215 (414) 672-1600

Crystal Software, 635 Mackinaw, Calumet Cityu, IL 60409-1014 (708) 891- 2315

D. Wright Stuff, 2201 185 North Post Road, Indianapolis, IN 46219 (317) 895-1765

Fox Valley Users Group, 1536 Amarillo, Carpentersville, IL

60110 (708) 426-6301

Harrison Software, 5705 40th Place, Hyattsville, MD 20781-1727

Hoosier Users Group, P.O. Box 2222, Indianapolis, IN 46206

L.L. Conner Enterprises, 1521 Ferry St. Lafayette, In 47901 (317) 742- 8146

Media Ware Software, 2141 NW 64th Ave, Suite 15, Sunrise, FL 33313-3950 (305) 749-4690.

Micropendium Magazine, P.O. Box 1343, Round Rock, TX 78680

Milwaukee Users Group, 7759 South Scepter Dr. #7, Franklin, WI 53132

MS Express Software, P.O Box 498, Richmond, OH 43944-0498 (614) 282-5627

Mudd & Co (708) 755-0051.

9640 News, P.O. Box 752465, Memphis, TN 38175-2465 (901) 361-1169

Notung Software, 7647 McGroarty Street, Tujunga, CA 91042 (818) 951-2718

Ramcharged Computers, 6467 E. Vancey Dr., Brookpark, OH 44142 1-800-669- 1214 or (216) 243-1244

Secure Electronics Inc. South 81 West 18878 Apollo Dr. P.O. Box 132, Muskego, WI 53150 (414) 679-4343 or (414) 529-2173.

S&T BBS Software, Tim Teach, 3804 North 75th St. Milwaukee, WI 53216 (414) 464-4916 (voice) or (414) 464-1978 (BBS)
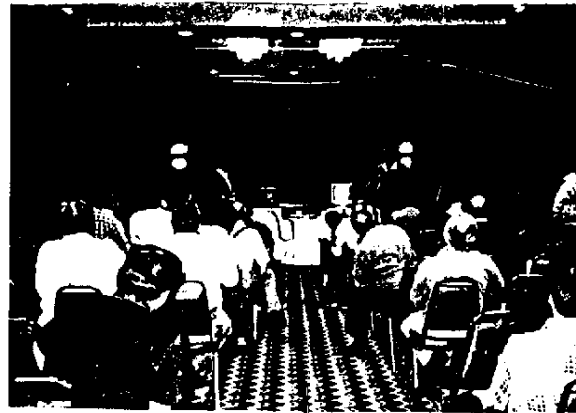
Will County Users Group, 36 Montrose, Romeoville, IL 60441 (815) 886-5326

Western Horizon Technologies, Don O'Nell, 10225 Jean Ellen Drive, Gilroy Ca., 95020 (408) 848-5947

Vereniging TI-Gebruikersgroep (Dutch TI Users Group) le Osterparkstr. 141s 1091 Gz Asterdam, The Netherlands.
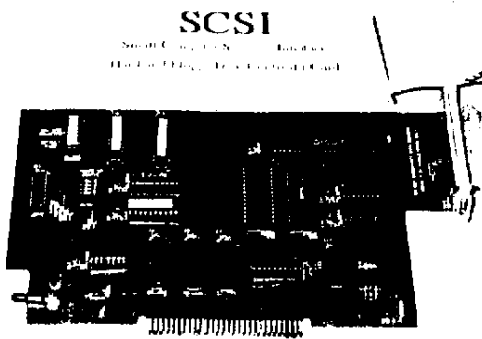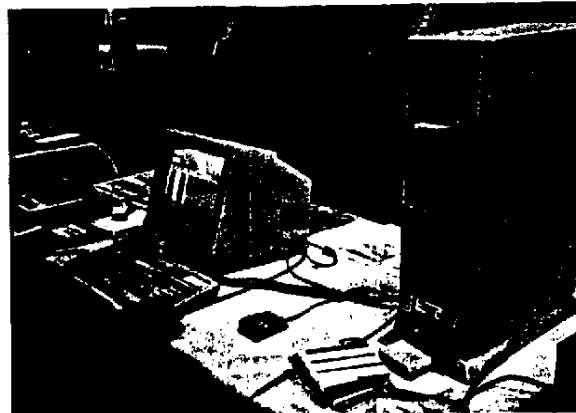
New SCSI device controller



Various seminars were held at the faire.



Making SCSI controllers at the faire!



Don O'Neill and Bud Mills



Geneve in an AT tower type case.



Various products from Bud Mills.



Mike M. of Crystal Software



Beery Miller of 9640 News



Main floor at the fair.

# THE - E - SOLUTION
-----------------------------------------------------------------

**intro by Marshal Ellis; XB programs by Morton Dworshak**


In the past several months, Morton has written several
programs investigating numeric relationships. In the September
newsletter we presented his work on Fibonacci numbers.  In the
October newsletter we included his program for developing
circles that can be printed. And this month we have more of his
investigative XB programs.


The first program deals with how the base of natural
logarithms is calculated.


```
5 CALL CLEAR
10 DISPLAY AT(10,1):"TO SHOW HOW THE BASE OF NATURAL
   LOGARITHMS IS CALCULATED"
15 DISPLAY AT(13,1):"LET A =.00001 OR .00002."
20 FOR D=1 TO 1500
25 NEXT D
100 CALL CLEAR
110 INPUT "SELECT A VALUE FOR A: ":A
120 FOR X=A TO 0.01 STEP -0.01
130 Y=(1+X)^(1/X)
135 PRINT TAB(5);X;TAB(15);Y
140 NEXT X
150 PRINT
170 PRINT
180 PRINT "IF 'A' IS SET AT 0.0000001 AND THE STEPS AT
    0.00000001 THE VALUE OF HE FUNCTION" :: PRINT
    "(1+X)^(1/X) BECOMES 2.718281828 OR E"
```


Finally, we have a parabola program.  This one will  report
on the screen the area under the parabola.


```
20 OPEN #1:"PIO"
22 PRINT #1:TAB(27);"PROGRAM TITLE: PARABOLA1, BY M.
   DWORSHAK"
23 PRINT #1:
30 PRINT #1:TAB(25);"AREA UNDER PART OF A PARABOLA"
31 !
32 PRINT #1: 40 Y=(X^2)/6
100 INPUT "STEPS OF X:":DX
109 !
110 REM THE OPTIMUM VALUE TO USE FOR DX IS 0.0175.
115 !
150 INPUT "LOWER AND UPPER LIMITS OF X ":LL,UL
160 PRINT #1:"A= AREA BETWEEN THE PARABOLA 6Y=X SQUARE AND
    THE X AXIS BETWEEN X= LL AND UL."
165 !
170 ! LET AN AREA SEGMENT BE Y TIMES DX AS DX APPROACHES A
```

```
    VERY SMALL NUMBER.
180 ! SO ONE AREA SEGMENT= Y*DX. Y=(X^2)/6.  THUS THE AREA
    SEGMENT IS ((X^2)/6)* DX.
300 FOR X=LL TO UL STEP DX
320 A=INT(((X^2)/6)*DX*100+.5)/100
340 ADD1=ADD1+A
370 NEXT X
380 PRINT #1:TAB(20);"AREA=";ADD1
400 PRINT "AREA=";ADD1
420 PRINT #1:TAB(20);"STEP DX=";DX
430 PRINT "STEP DX=";DX
435 PRINT #1:TAB(20);"LOWER LIMIT OF X=";LL
440 PRINT #1:TAB(20);"UPPER LIMIT OF X=";UL
450 PRINT "LOWER LIMIT(LL) OF X=";LL
460 PRINT "UPPER LIMIT(UL) OF X=";UL
465 PRINT #1:
500 PRINT #1:"THE ABOVE AREA CAN BE FOUND USING CALCULUS,
    -BY INTEGRATING (THE SQARE ROOT OF (16*X))*dX BETWEEN
    THE LIMITS OF ZERO AND 10(X LIMITS)."
520 !
530 PRINT #1:"IN THIS CASE THE AREA BY CALCULUS IS 55.555."
```
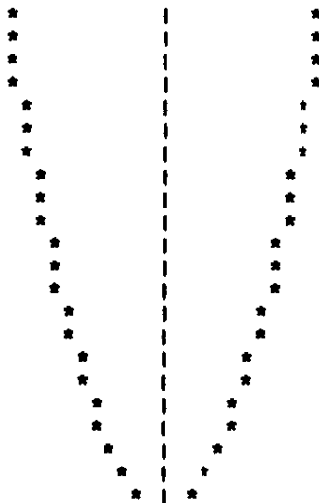

**more of THE - E - SOLUTION**

The third program is to aid in oprinting a parabola to your
printer. It uses special characters to pint the  horizontal  ad
vertical lines on his own printer. You may need to adjust this.


```
10 REM PROGRAM TITLE: PARABOLA, BY M.  DWORSHAK
15 !
20 REM DRAW A PARABOLA.
21 !
25 REM THE PARABOLA IS X^2=6*Y
26 !
30 ! SOLVE FOR X.  X=SQR(6*Y)
50 OPEN #1:"PIO"
60 ! LET THE Y AXIS BE AT COLUMN 40.
80 PRINT #1:TAB(27);"DRAW THE PARABOLA, X^2=6*Y."
85 PRINT #1:
100 FOR Y=22 TO 1 STEP -1
1 : PRINT #1:CHR$(27);CHR$(65);CHR$(6)
120  PRINT  #1:TAB  (40-SQR(6*Y));  CHR$(42);  TAB(40);
CHR$(245); TAB (40+SQR (6*Y)); CHR$(42); :: NEXT Y
130 REM CHR$(42) PRODUCES  AN  ASTERISK.  CHR$(245)  MAKES
SHORT VERTICAL LINES FO R THE Y AXIS.
140  REM  CHR$(241)  MAKES  SHORT  LINES FOR THE HORIZONTAL
AXIS.
150 FOR N=1 TO 80 :: PRINT #1:TAB(N);CHR$(241);:: NEXT N
155 FOR Y=0 TO -20 STEP -1
160 PRINT #1:TAB(40);CHR$(245)
170 NEXT Y
```

DRAW THE PARABOLA, X 2=6*Y.

```
        *         |         *
        *         |         *
        *         |         *
        *         |         *
         *        |        *
         *        |        *
         *        |        *
          *       |       *
          *       |       *
           *      |      *
           *      |      *
            *     |     *
             *    |    *
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              *   |   *
              *   |   *
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```
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```
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```

# TRIVIA ANSWERS
---------------------------------------- by Bill Gaskill

1A: the $5Ø rebate.

2A: According to the 1979 TI publication carrying Part #
221ØØ6, which appeared in August 1979, no one program can take
credit for being first. The programs listed as being available
at that time were;

-Beginning Grammar, Early Learning Fun, Football, Home
Financial Decisions, Household Budget Management, Number Magic,
Physical Fitness, Video Chess and Video Graphs.

3A: Connect Four, Hangman, Yahtzee and Zero Zap by Milton
Bradley. Announced in December 1979.

4A: TI-Writer, released in August 1982.

5A: Wingwar. Scheduled for released on December 8, 1983.

6A: Parsec

7A: Household Budget Management

8A: Speaking Scholastic Spelling Teacher Library PHL7ØØØ at
$219.8Ø

9A: The Myarc WDS/1ØØ 15mb Hard Disk System priced at
$3399.ØØ

1ØA: DataEast of Chatsworth, CA.

11A: Bill Bies.

12A: John Phillips

13A: The founders of DLM Arcademics, manufacturers of Alien
Addition, Dragon Mix and other educational software modules
released in 1983.

14A: The TI-99/4 Home Computer, Disk Drive Controller PHP
18ØØ, Disk Manager PHM 3Ø19, Disk Memory Drive PHP 185Ø,
Extended Basic vlØØ PHM 3Ø26, 32K Memory Expansion Unit PHP
22ØØ, MunchMan disk version PHD 5Ø6Ø, P-Code Peripheral PHP
24ØØ, RS-232 Interface PHP 17ØØ, Thermal Printer PHP 19ØØ, Spell
Writer Cassette version PHT6Ø42, Telephone Coupler (Modem) PHP
16ØØ, Thermal Paper PHA 195Ø, TI Invaders disk version PHD 5Ø58,
TI LOGO PHM 3Ø4Ø, Tombstone City: 21st Century disk version PHD
5Ø57, Video Controller PHP 23ØØ.

15A: The miner in Tigervision's MINER 2Ø49er module.

16A: Silver Wolf Software.

17A: MunchMan.

18A: The editor of Mini-Mag 99.

19A: The Math Speech Dictionary or Math Speech module,
which is listed in TI's 198Ø Dealer Suggested Retail Price
Lists, but no where else after that.

2ØA: Jerome Frinkl.

21A: On the original TI-99/4 Home Computer. It is listed
as Option 2 from the Selection Menu under TI Basic.

22A: A Program Recorder (cassette tape player/recorder).

23A: The labels on the disks were upside down so they could
be read correctly when being inserted into the horizontally
placed disk drive.

24A: Home Financial Decisions-1978. Source is the 198Ø TI
Publication entitled APPLICATION PROGRAMS FOR THE TEXAS
INSTRUMENTS HOME COMPUTER that carries Part # 221Ø68.

25A: Charles Ehninger won the $3ØØØ first prize with his
Household Inventory System entry.

## QUOTES FROM THE PAST
-------------------------------------------------------------
from the pages of the Milwaukee newsletter, Feb, 1992

[Ed: Just one of the goodies on the disk sent me by Gene.
I remember reading these quotes in the Pomona Newsletter, and
thinking, "How in the world dod Gene get the time to do all this
reading?" , , , , ]


"Nobody now fears that a Japanese fleet could deal an
unexpected blow at our Pacific posessions ... Radio makes
suprise impossible."
  J. Daniels, Secy. of the Navy, Oct. 16, 1922


"The day of the battleship has not passed, and it is highly
unlikely that an airplane, or a fleet of them could ever
sucessfully sink a fleet of navy vessels under battle
conditions."
  Franklin D. Roosevelt, Ass't. Secy. of the Navy, 1922


"As far as sinking a ship with a bomb is concerned, you
just can't do it."
  Rear Admiral Clark Woodward, USN, 1939


"Tora! Tora! Tora!"
Japanese Aviator, Dec. 7, 1941


Prediction is very difficult, especially about the future."


## A NOTE
---------------------------------------------- by G. K. Chesterton

To have the right to do a thing is not at all the same as
to be right in doing it.

## NEWS AND VIEWS
------------------------------------------------- by Tom Arnold

part of an article from the:

Channel 99 User Group newsletter, Dec., 1990


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Do you use your computer for a useful purpose? Here is an
idea that I used this past month. I was looking for a used
snowmobile and was not sure of what price I should pay. I
collected several newspapers, auto traders, etc. Setting down
with these I booted up the spreadsheet and started to enter
data. I entered the model, year, engine size, price and
comments. After about 80 entries I then sorted the columns by
make, year, etc. This allowed me to see what the asking prices
were on similar makes and models. Suprisingly there was a
considerable difference. Some makes were obviously more
expensive, some makes were more readily available, etc. Using
this information I bought a snowmobile for which I felt was a
good price. You can use this if you are buying a car, a house, a
refrigerator, just about any high priced item you can think of.


Actually, I love spreadsheets, they are so powerful. At
work we are running a hockey pool in which every player has a
team of 16 players. The team with the most points wins. You can
have players from just about any team in the NHL (you select
from a pool of 80 players). Keeping track of each team (30
teams) each week would be impossible without the spreadsheet. I
simply enter each players total points from the newspaper. Each
team's total points are calculated using the initial input. I
simply recalculate the spreadsheet and each team is updated. The
setup took considerable time as virtually each cell in the
spreadsheet is a formula, but now I can update the whole pool
and print out the results in 20 minutes. We even keep track of
who has got the most points in the week. The results are sorted
and then printed out so that everyone can see their ranking.


I think there are many uses of the computer if you set your
mind to it. I know that I have been meaning to set up a number
of databases to keep track of my possessions for insurance
purposes.
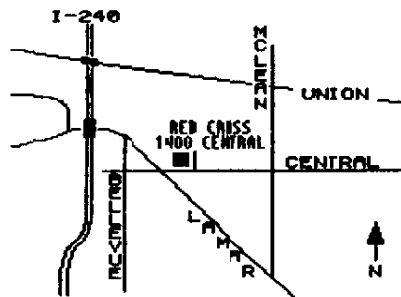
## LOCATION     MAP

**WORKSHOP : to be announced.**

# PROGRAM BIT - third Thursday

## NOVEMBER   19th , 1992

**MEETING: 7:00pm - Red Cross Building - 1400 Central.**

7:00pm - Doors Open

7:15pm - General Discussion.

7:30pm - Demonstration of various programs
         obtained at Chicago TI Faire!

9:00pm - Meeting ends.

9:15pm - Late dinner at Shoney's on Union Ave.

## NOTICE

Information contained in Tidbits is accurate and true to the
best of our knowledge. Viewpoints and opinions expressed in
Tidbits are not necessarily that of the Mid-South 99'ers. We
welcome any opinions/corrections from our readers. Articles may
be reprinted elsewhere as long as credit is given to the author
and newsletter.

## GROUP INFO

Visitors and potential members may receive 2 free issues of
Tidbits while they decide if they wish to join (no obligation)
On the top of your label is a code. A Y means you are a member,
N means 2 free list, UG means user group and $ means a business.
Beside the Y is a date, one year from that date your dues are
due. A dollar sign ($) on the label will indicate that your
dues are due. The library is open only to members. Library
list is $1. Mail order disk library access is $2 for the first
disk and $1 for each additional disk - max of 5 disks per month.
Order by disk number only. At meetings, library access is FREE
if you exchange your disk for ours or $1 per disk for our disks.
Send all mail order library requests to librarian's address!
Send dues and correspondence to group address.

## CALENDAR

**MEETINGS:**      NOV 19 DEC. 17, (3rd Thursday!)
**WORKSHOPS:**     TO BE ANNOUNCED

## 24HR TI BULLETIN BOARD

The 9640 NEWS BBS 300/1200/2400/4800/7200/9600/12000/14400
Hayes. 901-368-0112

## GROUP MAILING ADDRESS

Mid-South 99 Users Group
P.O. Box 38522
Germantown, Tn. 38183-0522

## LIBRARY ADDRESS

Jim Saemenes
46 Higgins Road
Brighton, Tn., 38011

## MEMBERSHIP APPLICATION

NAME _____  |_| $18.00 FAMILY
ADDRESS _____
CITY_____ST____ZIP_____
PHONE(____)___-_____:INTERESTS_____

EQUIPMENT,ETC._____

Detach and mail with check payable to: Mid-South 99 Users Group,
P.O. Box 38522, Germantown, Tn, 38183-0522.