Vol.8 No.09   November 1990
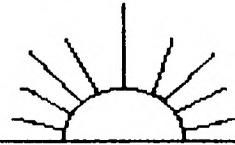
NEW HORIZONS
NEWS LETTER

NORTHWEST OHIO COMPUTER CLUB FOR THE TEXAS INSTRUMENTS 99/4A

AND THE MYARC GENEVE 9640 PERSONAL AND HOME COMPUTER

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THIS MONTHS MEETING NOV.10,1990 SATURDAY AT UNITY CHURCH 12:30 PM.
Behind Wendy's off Secor Road on Executive Dr.

Let us all be thankfull for the many software writers who has stayed with us after Texas Instruments left us and our TI-99/4A long may it live.

PRESIDENT'S CORNER
Charles Strobell

Another month is done and this brings us to this this months newsletter. For starters this months meeting will be held not in our usual spot but at the end of the hall. It was decussed and voted on being that our size has shrunk to ten or fifteen we didn't need such a large meeting room. So this month go all the way down the hall to the end to attend the meeting.

THIS MONTH WILL BE THE USUAL CLUB DISKS, 50/50 DRAWING, AND THE DEMOS, IF ANY. MICROPENDIUM WILL ALSO BE ON SELL AT THE DISK SELLS TABLE.

With this I will close, and see you at the meeting at nov. 10,1990.

NEW MEETING ROOM

STORE

OLD MEETING ROOM

PARKING LOT

THIS IS A VERY CRUDE MAP OF WERE THE NEW MEETING ROOM WILL BE AT.

ED. NOTES **

Coming this month we should have some topics on how to use Ti-Writer at the meeting so be there .

Most of the articles in this issue has mostly items for the 9640, sorry about this but again I have gotten very little from the membership in the way of articles and a person has to use what has. So if you have anything send it to me or you might wake up one of these days and find were has it all gone. As they say you don't what you have missed until it's gone.
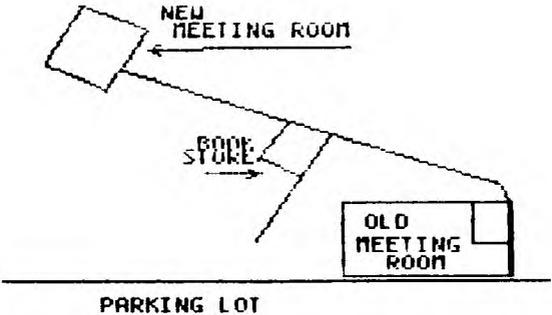
See you all at the meeting at 12:30pm. Sat 10,1990...
Roger C.Feinauer
166 S. McKenzie St.
Adrian, Mmichigan 49221

New Horizon computer Club

Roger Feinauer
EDITOR

Texcomp Software
phone 1-818-36631

Triton Software
phone 1-800-227-6900

MICROpendium
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TEXAS 78680
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Super Mario for the 99/4A

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Sacramentto, CA. 95828
more info or COD.
12pm-4pm Pac time
phone 916-689-6946
$9.50 add $1.50 s&h CKorMO

LGMA NEW ADDRESS
5618 AppleBtter Hill Rd.
Coopersburg , PA.
Al Beard author of
99/Fortran & 9640/Fortran

    For lack of input I will
try to give you some usefull
information from our exchange
newsletters.

    Asgard Software
    Box 10306
    Rockville, MD 20850
    phone 703-255-3085

    Chris if you read this when
will we see a hand scanner
for the Geneve, and a graphics
editor for Page Pro.

    TI still interested ?
TI comsumer affairs Rep.

    Lois Brock
    TI CONSUMER AFFAIRS
    P.O. BOX 53
    LUBBOCK, TEXAS 79408

Drop him a line and let him
Know were still alive.

Try these sound effects.
making sound on the TI.
without using the call
sound subroutine.

```
10 CALL INIT
20 FOR J=2000 TO 2300 STEP 10
30 CALL LOAD(9-31568,J)
40 NEXT J
50 END
```

    What other sounds can you
make by changing line
      20 in above
                    program
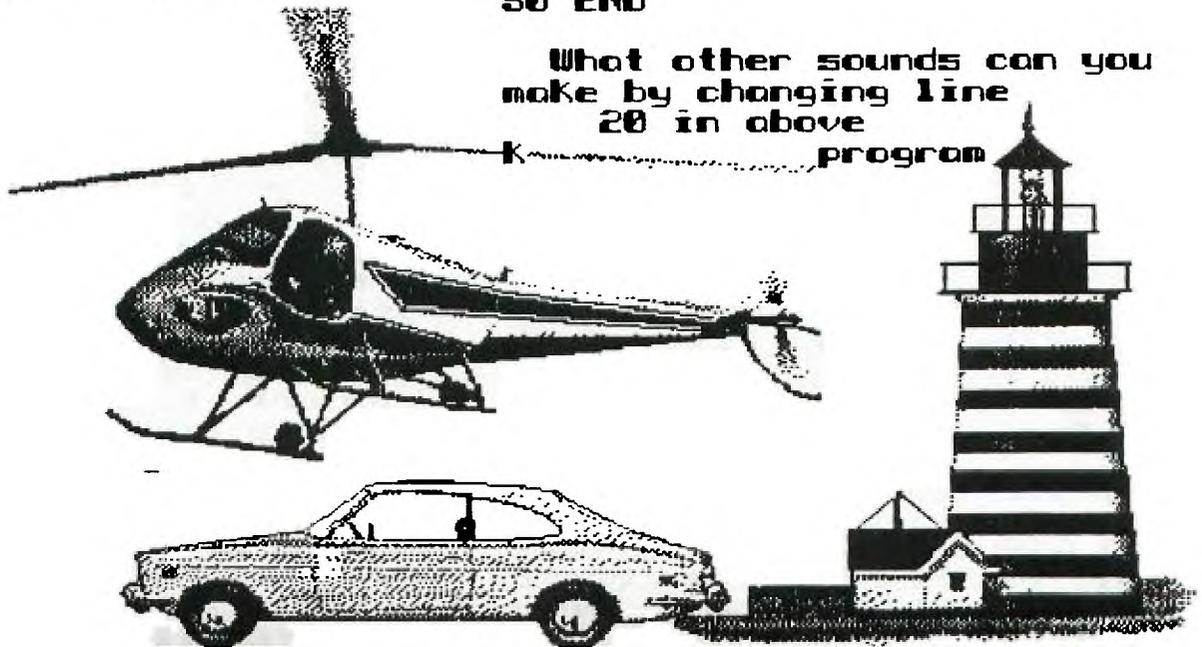
Well another month is upon us with our club. What shall we do? What shall we attempt to do in the year to come? Some idias were brought up last month, one was to define a direction we should go, as a club to keep things interesting. I asked if any one would be interested, as a matter of fact, how many knew anything about TI-WRITER and I was amazed at how many people in our club didn't even know how to use TI-WRITER. This explains why I don't get very many articles for the news letter. This a shame as there are many products made for the Writers to even include Graphics. I believe Earl brought up that Multi-Plan should also be studed. I also agree, how many know that you can use files from one of the software packages in the other? Such as a speadsheet in a writer file. What is thoughts of the above? Bring them to the meeting and express yourself.

Another issue that I thought you should think about is who is going to run for office for 1991. We are looking for some good person's to fill these offices. Please give it some thought. No officers NO CLUB get it.

I found a TI-BBS in one of our exchange newsletters . It was from the Saint Louise Club . Their board is very nice, it has two Hard drives, a 10 and 20 mg. One directory is for TI software, another is for the Geneve, and still another covers Graphics of all kinds. For those interested there No. is 1-702-648-1247 it covers 300,1200,2400 bd. The board is run 24 Hrs. a day 7 days a week.

Give you some kind of files for the download on this BBS there is a Tips loader for Mdos. is a Tips loader you ask? Well on a fue of the of the computers around is a graphics format call Print Shop which is the main graphics program for PCs. and the C64. What it looks like is some one has found a way to use PC-Transefer with a utility file to get two files in TI format. One file is a script file the other is a very long file with all the graphic information. Then you load another file in my case called GTIPS-I. BY THE WAY THIS IS THE MDOS VERSION, I understand there is also a 99/4A a version also. It first ask for the drive that has all the Tips files on then lists all the script files to the screen. Then asks which one you want, by typing in the name of the file you wish it then asks if you wish to view all the graphics names in this set. Typing Y at this point will scrool them up the screen, and pressing any key to pause to read the picture names. When this is done it will ask for an out put drive, just type in 'DSKn.' the small n stands for the number of the drive. To start the conversion. Know to convert the files, the program will ask you were from the list just scrooled do you want to start. After typing in the first name the program searchs for it then tells you it found it. Then it asks a name you wish to call it, Remember use only 8 chacters as the program inserts a '_I' at the endto be used in Ti-Artist. Once the files are converted they can eaoily be convert to CSGD or PAGEPRO for your own graphics library.

```
60 ! by ROGER FEINAUER
      for NEW HORIZIONS
      COMPUTER CLUB
      TI EXTENDED BASIC
65 ! USE AS U SEE FIT.
66 ! *****************
67 !
70 BEL1$="F88C28140402010090
A0C000000000000000000E02040
80000000000000000000"
80 BEL2$="03060810E080402112
0A060000000000E0202020404080
0000000000000000000"
90 CALL D :: CALL CLEAR :: C
ALL SPRITE(#1,140,2,35,189):
: CALL MAGNIFY(4):: CALL NA
:: ME=0 :: DE=0
100 DISPLAY AT(9,3):"HOW MAN
Y MIN.  SECONDS":"  TO DELAY
=0 MIN. 0 SEC." :: ACCEPT AT
(10,12)SIZE(-2):ME
102 ACCEPT AT(10,19)SIZE(-2)
:DE :: IF DE>59 THEN CALL CA
NT ELSE 110
105 GOTO 102
110 CALL DELAY(ME,DE)
120 CALL BELL(BEL1$,BEL2$)
125 DISPLAY AT(20,4):"RUN AG
AIN ?: Y OR N" :: CALL KEY(5
,K,S):: IF S=0 THEN 125 :: I
F K=89 OR K=121 THEN 90
130 CALL D :: CALL CLEAR ::
END
500 SUB DELAY(MI,SEC):: SEC=
SEC+(MI*60):: FOR A=1 TO (29
6.21*SEC):: NEXT A :: ME=INT
(SEC/60):: DE=(SEC/60-ME)*60
505 DISPLAY AT(15,2):"THE DE
LAY LASTED ";ME;"MIN";TAB(19
);DE;"SEC." :: SUBEND
600 SUB NA :: DISPLAY AT(5,6
):"TIME DELAY DEMO" :: SUBEN
D
700 SUB BELL(BEL1$,BEL2$)::
FOR L1=1 TO 4 :: GOSUB 800 :
: FOR L=0 TO 30 STEP 2 :: CA
LL SOUND(-50,700,L,2100,L,42
00,L):: NEXT L :: NEXT L1 ::
  GOTO 810
800 IF L1=1 OR 3 THEN CALL C
HAR(140,BEL1$):: IF L1=2 OR
4 THEN CALL CHAR(140,BEL2$):
: RETURN
810 SUBEND
```

```
1000 SUB D
1010 CALL CHAR(140,"0000")::
    CALL CHAR(141,"0000"):: CAL
L CHAR(142,"0000"):: CALL CH
AR(143,"0000"):: SUBEND
1020 SUB CANT :: DISPLAY AT(
15,2):"SORRY TOO MANY SEC. H
ERE":" YOU CAN ONLY HAVE 59
SEC. " :: FOR I=1 TO 1208 ::
  NEXT I :: CALL HCHAR(15,1,3
2,64)
1030 DISPLAY AT(10,19)SIZE(2
):"0 " :: SUBEND
```

```
60 ! THIS IS A AN UNDERLINE
ROOTINE THAT CAN BE USED IN
70 ! IN YOUR PROGRAMS TO UND
ER LINE SERTAIN WORDS.
80 ! IN THIS EXAMPLE IT PROM
PTS YOU TO PRESS THE SPACE B
AR TO END DEMO.
100 CALL CLEAR :: AA$="00FF"
  :: BB$="0000" :: G=1
110 DISPLAY AT(4,4):"Underli
ne Routine"
120 CALL UL(4,4,17,95,AA$)
125 DISPLAY AT(10,4):"PRESS
SPACE TO END" :: CALL UL(10,
4,18,96,AA$)
127 DISPLAY AT(16,7):"  The
Demo" :: CALL UL(16,9,8,95,A
A$)
130 CALL UL(10,4,18,96,BB$):
: CALL UL(10,4,18,96,AA$)::
CALL NOI :: CALL KEY(0,K,S):
: IF K=32 THEN END ELSE IF S
=0 THEN 130
1000 ! UNDERLINE ROUTINE
1010 SUB UL(R,C,L,CH,H$)
1020 ! (ROW,COL,LENGTH,CHR$,
HEX$
1030 CALL CHAR(CH,H$)
1040 FOR I=1 TO L :: CALL HC
HAR(R+1,C+2,CH):: C=C+1 :: N
EXT I
1050 SUBEND
1060 SUB NOI
1070 CALL SOUND(100,262,0,33
0,0,392,0):: SUBEND
```
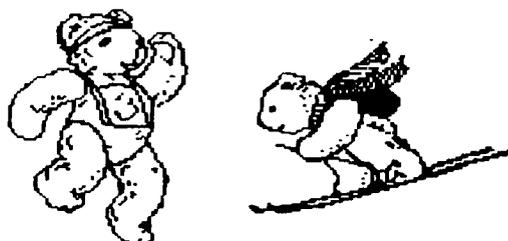
SET DISK CONFIGURATION
UTILITY VERSION 1.0
(c)1990 Bruce Hellstrom
   This archive is being
distributed as FAIRWARE.
If you like and use this
product, please send
whatever it is worth to you
to the address listed at
the end of this
documentation.   OVERVIEW
-------   This
utility will allow use of
80 track drives and
individual control of the
head step times for each
drive connected to the
Geneve 9640 computer. It
has only been tested with a
TI controller but should
work for all controllers,
since the ability to format
in 80 tracks is built into
MDOS. It can only be used
if your drives support 80
tracks. I have tested this
with both versions .96H and
1.14F of MDOS. Earlier and
later versions may require
an update to achieve
compatibility. ↖ ↖ This
archive contains the
following files:
     SETDSK-CFG - A
configuration program to
configure the program for
your particular disk setup
     SETDSK-COM - This is
the actual program that
changes the head step times
and tells MDOS what drives
you have connected.
     SETDSK-DOC - This
documentation file.
CONFIGURING YOUR SYSTEM

     You start by running the
SETDSK-CFG file. This is
accomplished by just typing
SETDSK-CFG at the MDOS
command prompt. Both the
SETDSK-CFG and the
SETDSK-COM files must be in
the same drive and
directory and you must be
using the current working
drive as the SETDSK-CFG
program will only search
the drive and directory it
was loaded from. You will
get an error message if the
SETDSK-COM file cannot be

located.   Upon entry
into the program you will
see the current head step
times and track
specifications that are in
the SETDSK-COM file. To
change these settings,
simply select the drive
number you wish to
configure (1 to 4). The
cursor will then move to
the head step time for that
particular drive. You may
enter a value from 0 to 3
with 0 being the fastest
step time. Most newer
drives can handle a speed
of 0 but if your drive
can't seem to locate files
or you don't hear the heads
moving at all, you may need
a slower time. The MDOS
default is 2 which is
approximately 20ms with the
TI controller or 10ms for
the Corcomp. A step time of
0 is equal to 6ms on the TI
or 3ms for the Cor-comp.
   *note - at all entries,
you must enter a number.
The enter key is not
active.   After
entering your head step
time, the cursor then moves
to the number of tracks for
the drive selected. You
may enter either a 4 or an
8 here to signify 40 or 80
track drives.   After
entering the number of
tracks, the cursor moves
back down to the drive
selection prompt and you
may enter a new drive to
configure or press S to
save the settings you have
entered. Pressing Q will
exit the program without
changing any of the
values.   TRYING IT OUT↖
-------------   Once
you have tailored your
system, you are ready to
try it out and test to see
if the head step times are
compatible with your
controller. At the MDOS
command prompt type:
SETDSK-COM. The program
runs very quickly and now
MDOS knows about your disk
drives.   To format a

disk in 80 tracks, you need the /8 parameter after the drive name, for example:
FORMAT A:/8   If you are using a double density controller, you still also need the proper sector parameter that you usually use, such as:
FORMAT A:/8 /16
As said previously, if your drive seems to sound like it can't find a sector or you can't hear any movement of the heads, try adjusting the head step times until you find a suitable speed.   Once you have a setup that you like, the easiest thing to do is include the SETDSK-COM command in your autoexec file so that it is always loaded upon powering up your system and will be re- loaded upon a CTL-ALT-DEL since MDOS resets it's default values when encountering a warm boot. You can also still just type the command from the command line if for some reason you aren't booting your autoexec file.
The SETDSK-CFG file will not be needed unless you need to reconfigure your system.   Please send any comments or questions to the following address:
Bruce Hellstrom   7055 N. Sepulveda Blvd. #5   Van Nuys, California 91405

Delphi: BLHELLSTROM
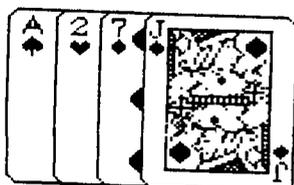
located.   Upon entry into the program you will
GETSTR - Version   1.0, September 14,1989 - Barry Boone   This is a   short program that functions as an external MDOS command used from within BATCH files. The program will wait for the user to enter a string, then store the string in the batch argument(s).   What this means is that your batch files may now be interactive, and VERY flexible. The distribution archive contains 4 files: GETSTR   - The GETSTR program itself   GETSTR-DOC - This file   If you distribute this program, please distribute it in its original form, with program, source, docs, and sample BATCH file.   USING GETSTR ----------   GETSTR runs as a batch command. An example of its use is the way it is used in the following batch file:
:LOOP   CLS   ECHO   Enter filename to VIEW   GETSTR TYPE %1   PAUSE   GOTO   LOOP The above batch file would ask you to enter a filename, then list the file to the screen. When finished, it would ask you for another filename and proceed to list it. I am releasing this software as public domain, but I certainly will not mind if you send a fairware donation for it if you find it useful.   This program was written for use with MDOS v1.14, and may not work with other versions of MDOS. Any comments, etc. may be sent to me at the following address: Barry Boone P.O. Box 1233 Sand Springs, OK 74063 U.S.A.   I may be reached on the following systems: GEnie: BARRY.B   CompuServe: 76354,1637 Delphi: BBOONE Messages left on GEnie or CIS will usually reach me

GETKEY - Version 1.0,
August 31,1989 - Barry
Boone.

This is a short program
that functions as an
external MDOS command
used from within BATCH
files. The program will
wait for the user to press
a key, then store the
keypress in batch argument
%1. What this means is that
your batch files may now be
interactive, and VERY
flexible. The distribution
archive contains 4 files:

AUTOEXEC - The
AUTOEXEC file I use on
my system that
demonstrates the usage of
the GETKEY program :ill be

GETKEY - The GETKEY
program itself

GETKEY-S - The source
code to the GETKEY
programd line if for

GETKEY-DOC - This file

If you distribute this
program, please
distribute it in its
original form, with
program, source, docs, and
sample BATCH file.7055 N.

USING GETKEY

GETKEY runs as a batch
command. An example of
its use is the way it is
used in the following batch
file:

```
ECHO Press 1  for  TELCO,
2 for Archiver III
:LOOP
GETKEY
IF %1==1 GOTO TLOAD
IF %1==2 GOTO ALOAD
GOTO LOOP
:TLOAD
EXEC TELCO
GOTO END
:ALOAD
```

EXEC ARC3 Upon entry
:END the program you will
GETSTR - Version 1.0,
The above batch file
would ask you to press 1rt
or 2, and then wait foras
a keypress. If the keypres
is a 1 or a 2, it branches
to the line that runs the
appropriate program,
otherwise it loops and
waits for you to press
another key. The AUTOEXEC
file included with this
archive further
demonstrates just how
powerful and flexible this
capability can be.
Incidentally, GETKEY will
convert lowercase letters
to uppercase, so you do not
have to worry if someone
types a lowercase "A"
instead of uppercase. with
program, source, docs, and
I am releasing this
software as publicTR
domain, but I certainlyAn
will not mind if you send a
fairware donation for it if
you find it useful. file:
:LOOP CLS ECHO Enter
This program was written
for use with MDOS v1.14,OP
and may not work withId
other versions of MDOS. a
filename, then list the
Any comments, etc. may
be sent to me at theou
following address:ame and
proceed to list it. I am
Barry Boone ↳ P.O. Box 1233
Sand Springs, OK 74063 I
U.S.A. ↳ I may bef
reached on the following
systems: GEnie: BARRY.B
CompuServe: 76354,1637
Delphi: BBOONE Messages
left on GEnie or CIS will
work with other versions of
usually reach me faster.tc.
may be sent to me at the
following address: Barry
Boone P.O. Box 1233 Sand
Springs, OK 74063 U.S.A. I
may be reached on the
following systems: GEnie:
BARRY.B CompuServe:
76354,1637 Delphi: BBOONE
Messages left on GEnie or
CIS will usually reach me
faster.. To format a