Vol.7 No.1 January 1989

NEW HORIZONS

NEWS LETTER

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

AND THE HYARC GENEVE 9640 PERSONAL AND HOME COMPUTER

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For more information consult one of the following officers: Yearly Dues $15.00 per Family or Individual.....

THIS MONTHS MEETING JAN.14,1989 SATURDAY AT UNITY CHURCH 12:30 PM.

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Dallas, TX 75229

PRESIDENT'S CORNER

NEW HORIZON

Mark Maisonneuve

HELLO ! My name is Mark H. Maisonneuve and I would like to thank you for the opportunity to be our club president.

To all the members of our club and others whom have given and will be giving input to our club to make it what it is today and what it will be. "THANK YOU !"

I would like to welcome the new and returning members and officers Some of us that have purchased used TI-99/4A have found that the main reason the people are selling them is because they never new there is a club that they could join . To this I ask if one see such an add call and ask if the person may be interested in keeping their computer and joining our group or come for a visit before fore they sell .

A special thanks to Jo Symington for all that she had done for the christmas party. As you will see we need to attend our meetings.They are not only great for computing but also as fellowship and a great change form the daily rat race of which we live We will always need input! That means if there is a problem you may be having or something you may have done or thought of,you would be suprised how these two things actualy help others. This is your club ! It is here to inprove yourself.There is a sig (special intrest group)started. If there is something of special intrest to you bring it up.As you can see it intrested more then one member.

I have found some interesting reading and info. in past news letters also in the exchange newsletters find something that you wondered about or didn't know ever possible.

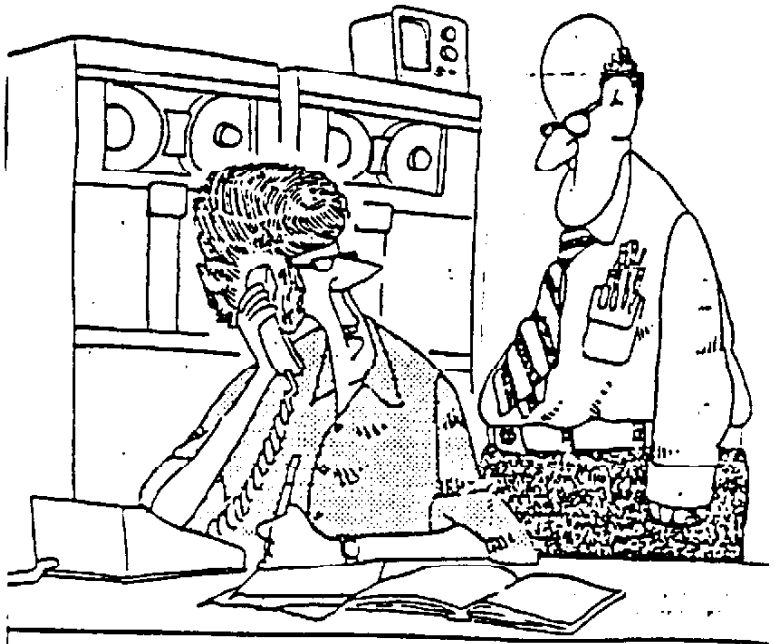
I hope to see us all at our next meeting and get to know more of us "YOUR INPUT IS OUR CLUB !!!"

****

WARNING!
This machine is subject to breakdowns during periods of critical need.

A special circuit in the machine called a 'critical detector' senses the operator's emotional state in terms of how desperate he or she is to use the machine. The 'critical detector' then creates a malfunction proportionally to the desperation of the operator. Threatening the machine with violence only aggravates the situation. Likewise, attempts to use another machine may cause it to also malfunction. They belong to the same union. Keep cool and say nice things to the machine. Nothing else seems to work.

FAILING TO PLAN
is like
PLANNING TO FAIL



THE ENTIRE SYSTEM IS DOWN. THE COMPUTER PEOPLE BLAME THE MODEM PEOPLE WHO BLAME THE PHONE PEOPLE WHO BLAME IT ON OUR MOON BEING IN THE FIFTH HOUSE WITH VENUS ASCENDING." Rich Tenn

Salutations to all and hope you all had a Merry Christmas and a very happy New Year. Now that we are in a new year and in the process of change as you can tell from our front cover of the newsletter. We must set new goals and have new resolutions for the new year before us.

I would like at this time to thank all the members for such a very refreshing meeting last month. I haven't seen so many persons so involved in club matters as I did last meeting, and I and all the officers in 1989 hope it continues. As it makes everyones job easier.

At this time I would like to extend a hardy welcome to the new and old officers of New Horizons. I hope these will be happy, and a year that will be filled with new insight of yourselfs and will probably find you can do things you never dreamed you could. I know, when I first started as editor, I thought, how could I do the job. As the only thing I did with TI-WRITER was use the editor. And only to type in very crude letters at that. I never dreamed I would be using software like Font Writer II and Macflix and the like. And in the like in what ever you indever, the more you use someting whether it be a word processer to leadership the more you use it the better a person gets at it.

Also let us not forget of our friends in the other club in Toledo that is OM-MI-TI as we both injoy the same computer that is the TI99/4A. I hope them the best in every way and continued success in the future. And we stay in touch as "together we stand, divided we fall," as they say. Good guys, all the best in this year and the next.

As to the front cover this month you might say, we stretched the TI-MODE of my Geneve to the max. The whole front page was done with Font Writer II. The graphics for the new header was made with TI-ARTIST. The date and volume number is my own font I made up with the Font Editor of Font Writer II . The lady at the bottom was converted To Ti-Artist with Max RLE and the whole shebang was printed,with the batch like power of Font Writer II's Graphic Formatter. The front page was the hardest. As I had to try to put togather all the ideas that were talk about in the last meeting. This one page took Judy and myself about three days to get to our liking.

Two last items the first is this is a new year and most of us our dues are do. I urge each an, every member to renew their membership. As this is proably the best deal of 1989. And lastly Judy asked me to remind you that we are looking for small children's art ,as a matter of fact we would like the art from some of the bigger member's also. If you have any ideas bring them to the meeting in January. And anyother subjects that may be of interest to yourself may also be of interest to others. I will leave you with these thoughts till next time, till then goodby.

Roger Steinauer

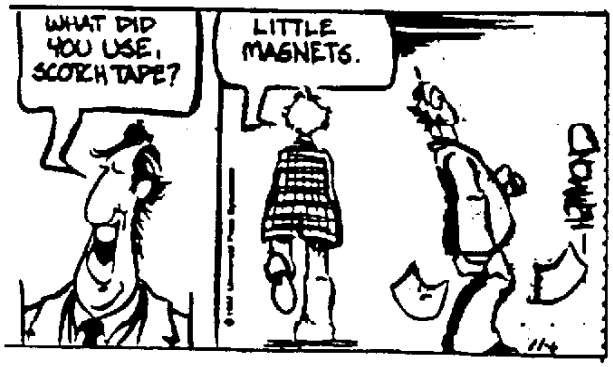
Good day to all, and to all a good year. As of this time there isn't very much I can say of anything new in Mdos except that there is a version 1.14 floating around. And a GPl to go with this but, at present I haven't down loaded it because it may or may not run with my ramdisks. The hdros on my ram disk at this time will work with 1.06 to 1.11 . And I don't know if 1.14 has changed enoungh or not . You see if it has and if your using the ramdisk to boot from then you could loose everything.

On the GPl side there is a program called PRESS which sounds like it's going to be one heck of a piece of software. And being someone has the source code maybe they might even convert it to Mdos but again this will have to be another what and see.

I heard that Clint Pulley has a version of c that will run from Mdos and plain to write him on this an see. If this is true then we will finally have somthing to program from Mdos with. To had Myarc hasn't figured out that a machine is only as good as it's software. By this I mean what ever happened to Advance Basic 3 ????

I have a new problem that is I'm running out of room in my expansion box. right know I have two HD ramdisks No.'s #6,and #7 . An RS232 Card, Disk Controller card, A Geneve Computer Card, and A Rave 99 Speech Card. This leaves me with two open slots left. And both of these are going to be used for more memory, and the other is whating for as now a Vidio Grabber Card. And then as they say the box is full. Bud is there any way you could put both drives #6 and #7 on one of your new 3000 cards just a thought or is there someone out there working on an expaner box of some kind. Sure would be nice to have 4 extra slots. Another type of card that would be interesting is this. Why hasn't someone put all of the Rs232 outputs on one Card? They could leave Rs232 1/2 and PIO 1 TI capabile, and 3-4 and PIO 2 could have PC type connectors. And while i'm at it why not put the circuits for a Fax system on this same card?

DUFFY



FROM TICOM BBS

MEG + BOARD OPERATING!

Welcome to the MEG+ section of TI-COMM. This section will allow you to find out about the MEG+ card and some of the associated software and much more. This section is being brought to you by BUD MILLS SERVICES.
TI-COMM & the MEG+ board are currently using a 1MEG HRD+ Ramdisk.

AS OF DEC 12 1988 !!!!!

MEMORY CHIP PRICES ARE STILL UP ,, AND ARE HARD TO FIND.
See AD below!!!

The bare Horizon Card may still be purchased as before, but your orders should be sent to:
BUD MILLS SERVICES
166 Dartmouth Drive
Toledo Ohio 43614

ANNOUNCING THE HRD 3000 RAMDISK

This Ramdisk is constructed on a NEW HORIZON Ramdisk Board and uses the same HRD+ circuit with the Hitachi 62256LP12 (32K) CMOS Memory chips (or the equivalent NEC 43256LP12) OR THE LATEST 128x8 HM628128 chips....

THE NEW CARD WILL BE AVAILABLE IN JANUARY 1989 !! But NOW you dont have to stack the control chips or add the extra wires or extra resistors ! MUCH EASIER TO BUILD !! without stacking ANY chips up to 1.536 MEG...(using the new chips)

The new card can be built using the existing 32x8 memory chips, BUT Card sizes above 384k will still require piggyback soldering of the memory chips plus the control leads.

The OLD Card is still available in several memory sizes- ONE+MEG, 800K (GENEVE), 512K, 384K (DSDD), 192K (DSSD), and 96K (SSSD). See attached Order Form for Prices.

The Operating System (Thanks to John Johnson and Mike Ballman of the Miami Users Group) allows the Ramdisk to be divided into TEN logical drives or less. Only two DSK_(numbers) are used, the remaining drives will respond to DSK(name). The Menu program (Ver. 7.3) allows for 9 calls plus fifteen menu selections that you can edit on screen to customize the way you want it to appear - no more sector editing. XB programs can now be loaded from a call.

The HRD+ Kits include:
The HORIZONS RAMDISK BOARD
Assembly instructions
Op System and MENU Software
User Documentation
and ALL required parts.

Note: This Menu Ver. 7.3 works on ANY 190K or bigger Horizon Ramdisk and allows BOOTING the Geneve. The Pheonix Software package does a better job and is easy to install...

A special note to GENEVE users. Any HRD+ Ramdisk IS compatable with Your GENEVE...BUT the GENEVE will only allow the use of up to 1140 sectors (260k) without patching your SYS file.
At the present time you can use any HORIZON Ramdisk to BOOT your SYStem files. We have a SYS patch available to allow you to format and use a 384-800k HRD+RAMDISK as an 80 track Disk with your GENEVE.
We also have a PHEONIX mod that ADDS a 90, 180, or 256k BOOT drive on top of any 384 to 800k Ramdisk on the same card and same CRU. This is only for the GENEVE.

Credit Card orders may be placed thru DISK ONLY SOFTWARE at
1-800-456-9272 Visa MC AmEx
ADD 10% for credit card orders.

Money Orders or Certified Checks are preferred on direct orders.

****

Message Number: 158
Date: 12/16/88 15:52
Public
Category: Texas Instruments
To: TI USERS
From: PAUL SNEIDER
Subject: EQUIPMENT

A FRIEND OF MINE HAS SOME EQUIPMENT HE WOULD LIKE TO SELL. IS ANYONE INTERESTED IN SOME OR ALL!!

TWO CONSOLES
ONE P.E.B.
WITH 32K MEMORY
RS232 CARD
ONE SSSD DRIVE W/CONTROLER
SPEECH SYNTHESIZER
CASSETTE RECORDER AND CABLES
NAVARONE CARTRIDGE EXPANDER
SPARE PARTS:
KEYPAD
INTERNAL POWER SUPPLY
EXTERNAL POWER SUPPLY

SOFTWARE MODULES:

EXTENDED BASIC	MULTIPLAN
EDITOR/ASSEMBLER	TI LOGO II
DISK MGR 2	TERM.EMULATOR
P.R.K.	PARSEC
TOUCH TYPING	A-MAZ-ING
HUNT THE WUMPUS	ADVENTURE

MANY DISK AND CASSETTE SOFTWARE
IF INTERESTED IN ANY OR ALL,
LEAVE MESSAGE FOR:
Ca PAUL SNEIDER
A-Abort,D-Delete,R-Reply, or C/R for N xt Message >

Message Number: 174
Date: 12/22/88 20:39
Public
Category: Texas Instruments
To: PAUL SNEIDER
From: DAVID ROMER
Subject: TI-BASE 2.0

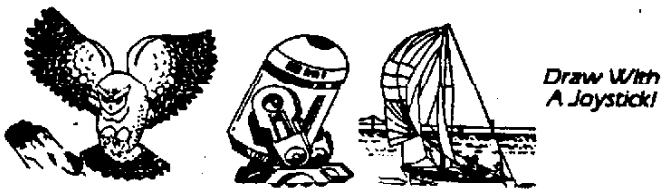
Paul, if you haven't already done it you should upgrade to TI-BASE 2.0. The features and manual are worth the $7.95 for the upgrade. INSCEBOT returned 2.0 to me in 5 days.
A-Abort,D-Delete,R-Reply, or C/R for N xt Message >
^C to exit.

Customer Help Lines Open: M-F 8:00 a.m.-5:00 p.m. (EST)
Product Information 219-259-7051
Order Status Hotline 219-259-7053
Technical Line 219-259-5227

Special!

Quality Software Triple Paks

Retail Value As High As $59.95



Draw With A Joystick!

DRAWING PAK. This program gives you the ability to draw any picture on the screen with your joystick and print it out in full page size. It's called **"Draw 'N Plot"** and it will revolutionize the way you think about computer graphics. Also included in this package are the **"Best of Draw 'N Plot #1"** which features 10 great pictures ready for you to read in, modify, and print. The **"Best of Draw 'N Plot #2"** gives you ten more super pictures such as the Christmas card and sports-car. This package is a terrific value and outstanding entertainment. From Quality 99 Software.
Sug. Retail $59.95
75892 Disk **$14.95**

Time Savers!

PROGRAMMER'S PAK. Here's a program that will not only help you save time, but will also help eliminate typing errors. You can enter any command with only 1 keystroke using its **"Softkeys"** feature. With the **"QS-Converter"** you can convert text file into a running program in no time at all. As if that's not enough, also included is the QS-Xref feature. **QS-Xref** gives you full cross-reference listing in only 2 minutes and it shows you where each variable and line number is used. It'll save you hours in the debugging process. From Quality 99 Software.
Sug. Retail $59.95
75852 Disk **$14.95**

Best-Selling Disk Utilities!

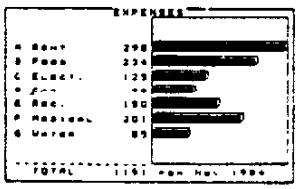
DISK TOOLS #1 PAK. Included in this program are many notable features. For instance, the **"Disk Manager IV,"** is the only resident disk manager program that is always in memory and always ready-to-use which makes it more than just convenient. **"Quick Copyer II"** is the only full-featured disk copier. You can backup your disks in 3 passes or less. And the **"Librarian"** lets you print an alphabetized catalog on all your disks to help you find a particular program fast and easily. This is a tool pak that you shouldn't be without. From Quality 99 Software.
Sug. Retail $59.95
75861 Disk **$14.95**

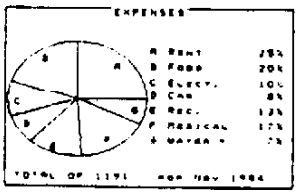
More Disk Utilities!

DISK TOOLS #2 PAK. Here's a disk tool pak that has all the features you'd expect in a tool pak. You not only get **"EZ-Loader II"** which automatically shows you a menu of all the programs with only one keystroke, but also the "Duplicator" and the **"Disk Labeler."** **"Duplicator"** lets you backup your disks in only 2 passes. If you only have 1 disk drive, you know how indispensable such a feature can be. Finally, the disk labeler allows you to print a disk catalog in condensed print on a mailing label to put on your disks. At a glance, it tells you what is on a disk. From Quality 99 Software.
Sug. Retail $59.95
75873 Disk **$14.95**

Super Graphics and Charts!

GRAPHICS PAK. You can have a lot of fun with this graphics pak and a little imagination. **"Banner Maker"** lets you make banners that say anything you desire. It's fast, easy and great for parties. With **"Chart Maker II,"** you can easily make bar graphs and pie charts from your data. Add impact to your data and figures with a visual aid. If you're wondering how you can print out all your information, just look at what **"Screen Dump II"** gives you. All you do is simply press a key to print what is on the screen, in only seconds. What could be easier? From Quality 99 Software.
Sug. Retail $59.95
75883 Disk **$14.95**





MEMBERS OF THE MONTH

Roger and Judy Feinauer

by Jo Symington

Roger and Judy Live in Adrian, Mich. With their son Roger David and their two daughters Denia and Loni. Roger David goes to Adrian High School and is on the diving team. He wishes to go to Michigan State, and later become a draftsman. Denia their oldest daughter also goes to Adrian High School and is interested in writting. Loni their youngest daughter is in the 5th grade at Lincoln Grade School. Loni plays the flute and her Yamaha key board, and is a disk jockey for her school radio program. Which is aired two hours a day week days, from her school. Roger works for Inland Adrian plant Which is a division of General Motors. He works there as a set up man. His interests are computers, very old books of all kinds, Scientific manuals, motor cycles, and going out in the woods so far that he doesn't see any litter or telephone poles, and most important loving his wife. Judy is a house wife who loves cats and other strays. Her interests are reading, looking at old houses, quilting, working on the families house such as wall papering, and designing different settings in the rooms of her family house. And is very good at piecing the newsletter together. Roger likes going to Users Group meetings. And likes the people he meets there. And hopes someday to have a better understanding of how his computer works. And hopes what little he can share with others helps others enjoy their computers.

PROGRAMS

by Roger Feinauer

The following are some of my efforts to try to design something for the club program. This is only one version and you may have somthing better. So don't think just because it's in here this is the way it has to be.

The first part is the intro. telling what the program is for. I was going to write an in-depth description of whats going on in the program. But this is the way most people try to teach programing. And I think there is a better way, first type in the program then run it. After running it a couple of times. Get out your Extended basic manual, no one said there was any easy way to learn.

First try to follow the listing line by line by line. And in little while you will notice first how familiar the manual is getting to be. Most people don't even look at the manual except to find out how to load and save programs which is a shame. And if you really get stuck my phone number is on the news letter. What I'm getting at is this it takes a little effort to program. Have fun mostly and every once and a while you will learn something too.

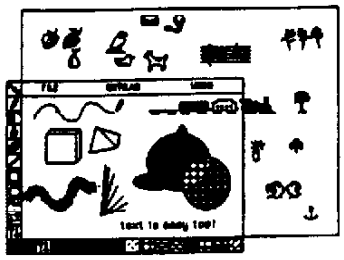
The second program is loaded from the first. So call the first program LOAD and the second program MEN. Also when Formatting your disk call it CLUBPRO. Also at this time don't include line 90 of the second program you will be calling MEM as it needs another program on the disk and I will give it to you at the meeting. So, what follows are my listings of what I have done . See if you can improve on these.

Programs follow on pages 8 & 9.

JOY PAINT '99

24.95

92% More Graphics Space Than Previous TI Graphics Programs! The Screen Acts Like A Window!



"Joy Paint '99 is a truly great graphics program . . . it is programs like this that will help keep the TI alive." —*MICROpendium*

JOY PAINT '99 is a powerful but easy-to-use graphics program that is completely joystick controlled. Creating pictures is easy, because there are no complicated instructions or cryptic keyboard commands to remember. And look at the features: TEXT, PENCIL, SPRAY PAINT, PAINT BRUSH, LINE, CIRCLE, RECTANGLE, ERASE, FAT-PIXEL, FILL, FLIP, ROTATE, INVERT, MAGNIFY, REDUCE, CUT, PASTE, MOVE, COPY, COLOR, VIEW, SHOW PAGE, and more! These are all easily selected by icon with your joystick. JOY PAINT '99 also allows almost twice the graphics space of many other programs by using the screen as a window to work on a larger drawing area. A useful UNDO feature helps correct mistakes. JOY PAINT '99 even conserves disk space by not saving blank areas in your graphic designs. Print-outs can be made in normal or double size, and in single or double-density. Works with Star, Epson and compatible printers. Requires 32K and either Extended BASIC, OR Editor/Assembler, OR Mini-Memory. From Great Lakes Software. Sug. Retail $39.95

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Fortran For TI

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Full Screen Editor

99 FORTRAN. This is just what all you FORTRAN programmers have been waiting for. FORTRAN 99 offers you a complete programming environment for the TI 99/4A. You'll get an interactive full-screen editor, an optimizing FORTRAN compiler, a Linker, a Symbolic Debugger, a fast save/load facility and an extendable object library.

So, if you're a serious FORTRAN programmer or even a beginner this is your program, as it executes programs hundreds of times faster than TI BASIC and provides more screen and sprite features than TI Extended BASIC. Think of the time you'll save. FORTRAN 99 is a benefit to all FORTRAN users. This package includes 2 manuals, and a user's manual. Requires 32K, and either Editor/Assembly OR Mini-Memory OR Extended BASIC OR TI-Writer Cartridge. From LGMA Products.

[illegible] Disk **$49.95**

```
100 CALL CLEAR :: CALL SCREEN(2):: FOR I=1 TO 14 :: CALL COLOR(I,16,2):: NEXT I
109 ! BOX CODE
110 A$="7F40407F404040404040407F40407F00F80808F8080808E0808E08F80808F800"
111 ! WHIA DEFINE
112 B$="182446A991A9443A"
113 ! LENS CHAR
114 C$="0000001E2242FE82" :: G$="82FE42121E000000"
115 ! HOR LINE
116 D$="FF00000FF0000000"
117 ! V/LINE
118 E$="1818181818181818"
120 CALL CHAR(96,A$,100,B$,101,B$,102,C$,103,D$,104,E$,112,G$)
125 ! NEXT 4 BOX
130 DISPLAY AT(13,13)SIZE(1):CHR$(96):: DISPLAY AT(14,13)SIZE(1):CHR$(97):: DISPLAY AT(13,14)SIZE(1):CHR$(98):: DISPLAY AT(14,14)SIZ
E(1):CHR$(99)
169 ! TOP RILL
170 DISPLAY AT(13,12)SIZE(1):CHR$(100):: DISPLAY AT(14,12)SIZE(1):CHR$(101)
190 DISPLAY AT(13,15)SIZE(1):CHR$(102):: DISPLAY AT(14,15)SIZE(1):CHR$(112)
195 DISPLAY AT(19,2):RPT$(CHR$(103),11):: DISPLAY AT(19,15)SIZE(3):RPT$(CHR$(103),3)
200 DISPLAY AT(20,2):RPT$(CHR$(103),16):: DISPLAY AT(15,11):RPT$(CHR$(103),3):: DISPLAY AT(15,13):"gggg" :: CALL VCHAR(16,15,104,4)
201 CALL VCHAR(16,16,104,4)
210 CALL VCHAR(9,26,104,11):: DISPLAY AT(20,23):"ggg"
215 ! MAN GRAPHICS
216 ! STANDING MAN
219 CALL MAGNIFY(4)
220 F$="0000010303030301010101000007040C0C0C0E0E0E0F0C0C0C4040C0C0C0A080C0" :: CALL CHAR(108,F$)
300 CALL SPRITE(#1,106,16,112,18,0,0)
310 I$="0000010107050301010101010202020302C0C0C0E0E0F8C0C0C0C2020101020404060"
320 J$="0000201010F0909090101010103E2000000C0C4C4FCC0C0C0C0C0C2010008081020300"
330 CALL MOTION(#1,0,4)
335 ! SET THE 6 TO 3 ON THE 99/4A AS THE BENEVE IS FAST
340 FOR WALK=1 TO 6 :: CALL CHAR(108,F$):: CALL DE
350 CALL CHAR(108,I$):: CALL DE
360 CALL CHAR(108,J$):: CALL DE
370 CALL CHAR(108,I$):: CALL DE
380 NEXT WALK :: CALL MOTION(#1,0,0):: FOR E=1 TO 4 :: CALL EARL :: NEXT E
390 CALL TOP :: CALL M
400 RUN "DSK.CLUBPRO.MEN"
500 FOR A=1 TO 6000 :: NEXT A
1000 SUB DE
1010 FOR D=1 TO 2 :: NEXT D :: SUBEND
1200 SUB EARL
1210 DISPLAY AT(12,8)SIZE(4):"EARL" :: FOR DELAY=1 TO 10 :: NEXT DELAY :: DISPLAY AT(12,8)SIZE(4):"    " :: FOR DE=1 TO 4 :: NEXT DE
1220 SUBEND
1300 SUB TOP
1310 Q$="THIS PROGRAM IS A PRODUCT OF THE MEMBERS OF NEW HORIZONS COMPUTER CLUB FOR THE 99/4A TOLEDO OHIO "
1340 Q$=RPT$(" ",27)&Q$ :: FOR I=1 TO LEN(Q$):: DISPLAY AT(5,1):SEG$(Q$,I,28):: FOR DE=1 TO 55 :: NEXT DE :: NEXT I
1350 DISPLAY AT(5,2):"*NEW HORIZONS VCR DATABASE*" :: SUBEND
1400 SUB M
1410 DISPLAY AT(24,7)BEEP:"PRESS M FOR MENU" :: CALL CHURP
1420 CALL KEY(0,K,S):: IF S<1 THEN 1420 ELSE IF K<>77 THEN 1410
1430 CALL CLEAR :: CALL DELSPRITE(ALL):: FOR I=1 TO 14 :: CALL COLOR(I,2,8):: NEXT I :: CALL SCREEN(8)
1450 SUBEND
1460 SUB CHURP
1470 X=2^(1/2):: FOR A=9 TO 13 :: CALL SOUND(100,100*X^A,0):: NEXT A :: SUBEND
```

```
0001
0002  90 CALL INIT :: CALL LOAD("DSK.CLUBPRO.CHARDF"):: CALL LINK("CHARDF")
0003  100 CALL CLEAR :: DISPLAY AT(5,10):"Main Menu"
0004  110 DISPLAY AT(6,10):"~~~~~~~~~~"
0005  120 DISPLAY AT(9,7):"1> List "
0006  130 DISPLAY AT(11,7):"2> Add Title"
0007  140 DISPLAY AT(13,7):"3> Edit"
0008  150 DISPLAY AT(15,7):"4> Delete File"
0009  160 DISPLAY AT(17,7):"5> Exit" :: CALL BOARDER
0010  170 DISPLAY AT(21,6):"Input number ?"
0011  175 ON WARNING NEXT
0012  180 ACCEPT AT(21,20):A
0013  190 IF A<1 OR A>6 THEN 170
0014  200 IF A=1 THEN 500
0015  210 IF A=2 THEN 1000
0016  220 IF A=3 THEN 1500
0017  230 IF A=4 THEN 2000
0018  240 IF A=5 THEN 2500
0019  2500 DISPLAY AT(10,2):"@~~~~~~~~~~
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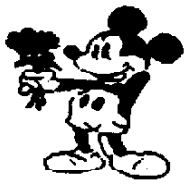

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Font Writer II is compatible with the TI 99/4A, the Myarc Geneve Computer (see page 2), and the following printers: Epson, TI Printer, Gemini 10X and Panasonic. Requires 32K and Extended BASIC. TI Writer and TI-Artist recommended.

Combined with a 32 page manual, Font Writer II is not only the best program of its type, but it's also one of the best values! From Asgard Software.

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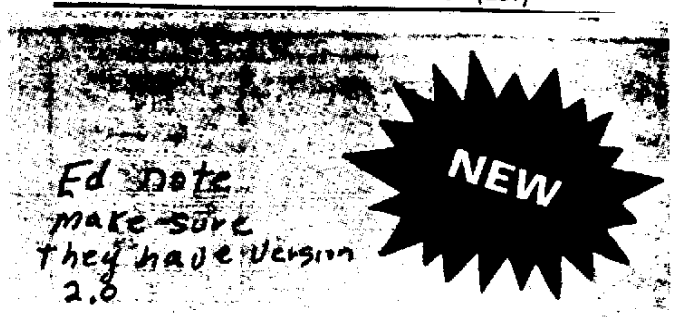

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