NEXT MEETING: 6:30 PM NOV 16, 1993
WEST MUSIC, COLLINS ROAD PLAZA

ATTENTION

PLEASE NOTE MEETING DAY CHANGE

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Eunice Spooner from the Atwood-Tapley Elementary school in Oakland, Maine is in need of some 32K memory cards for the P-Box. She has received donations of expansion boxes, but is shy of 32K cards. If you have a spare you can spare, she and her kids would greatly appreciate it.

Their address is:

> Mrs. Eunice Spooner
> Atwood-Tapley Elem. School
> RFD #1 Box 5860 Pond Rd.
> Oakland, ME 04963

-Gary Bishop

The following request was pickup up from Usenet, and relayed by Gary Bishop. If you wish to respond to Henry, his e-mail address is included. If you do not have access to e-mail, send Gary your responses (!) and he will relay them back to Henry.
Subject: Buggy TI-99/4A
Date: 13 Oct 93 14:04:15 GMT
Originator: ti6hk**ap04.cip3a.tu-harburg.de**

Hi Folks!

What do you think about a summary of known bugs of the OS for the TI-99/4A? I don't know if there are some others analysing the OS. The reason for having this idea was, I am reprogramming floatingpoint routines and found a bug. It concerns the converting routine from strings to numbers. The routine is buggy if the exponent is 65536, ..37, .. 38 and ..39. In normal case this should yield in an error but is converted to 10 0, 10 1, 10 2 and 10 3.
Other known bugs?

(Possibly we can summarize the fixed bugs afterwards...)

                                                        Henry

RECENTLY RECEIVED NEWSLETTERS

West Penn 99ers: June 93 rcvd 6-14, July 93 rcvd 7-10, August 93 rcvd 8-14, September 93 rcvd 9-25. Cleveland Area 99er UGs September 93 rcvd 9-25. Milwaukee Hocus: July-August 93 rcvd 10-10, September 93 rcvd 10-10. Chicago UG: September 93 rcvd 9-3. Oakland Computer Club (Eunice Spooner's school group): Fall 93 rcvd 9-25. LA Topics: September 93 rcvd 9-13. Tic-Toc: August 93 rcvd 8-26, September 93 rcvd 9-25. K-Town 99ers: August 93 rcvd 8-10, September 93 rcvd 9-25. Cedar Valley Computer Association: August 93 rcvd 8-12, September 93 rcvd 9-13. A9CUG: August 93 rcvd 8-14, September 93 rcvd 8-30. Ozark 99er UG: August 93 rcvd 9-25, September 93 rcvd 9-25.

Pinged as not having received a newsletter in over six months: Lehigh 99ers, Decatur 99er UG, Net 99er HCUG.

From the Usenet connection comes:
Subject: Funnelweb Editor Patch
Organization: University of Newcastle, AUSTRALIA
Date: Wed, 13 Oct 1993 06:45:33 GMT

A minor but patchable bug has come to light in the Funnelweb Vn 5 editors release for the TI-99/4a and Geneve 9640 in TI mode. This bug infests the new insert function in fixed mode (open rectangle cursor) using <ctrl-2> in Edit mode. In word-wrap mode (solid cursor) this triggers reformat, but was without function in fixed mode. Vn 5 gives this an <Insert> function in fixed mode. As described in the documemtation, <ctrl-2> in fixed mode searches for the next non-blank line, trims off leading and trailing spaces, and inserts this in the current line at the cursor position (immediately reversible by oops - <ctrl-1>).

The bug occurs when the following line is blank. The search loop is faulty and skips lines by twos. Most obviously if the current line is followed by a blank line and then a block of lines, <ctrl-2> in fixed mode will cause the contents of the second line of the block to be inserted at the cursor.

To patch use DiskReview or other sector editor. Do a word aligned search in the ED file for the word >1BF1 and replace this with >1BF3. This should occur in sector 8 in the 40-col versions and in sector 9 in the 80-col. The usual warnings about doing it on a copy first apply.

Tony McGovern Oct / 13 / 93
e-mail -- phpam cc.newcastle.edu.au
Delphi -- GLOBAL01 on TI-Net

CHICAGO TI FAIR

One observer's view of the Chicago International TI Fair, on Oct. 30, 1993. by Gary Bishop, Cedar Valley 99er UG, Iowa

The Chicago Fair was a very good show in its new home in Gurnee, IL. The reduction in cost associated with moving it out of Chicago proper was directly reflected in the admission price and the cost of display tables for the vendors. I personally hauled a lot of obscure and offbeat TI stuff, and moved almost all of it. Needless to say, I was very pleased. Anyway, on with the description of the fair.

Vendors present: Competion Computers, MS Software, Ken Gilliand, Burlik Software (sp?), Beery Miller and MDOS, Chicago UG, CaDD Software, Bruce Harrison, L.L. Conner, Disk-n-Dat, Ramcharged Computers, Bud Mills Services, Cecure Electronics, Hoosier UG, Mike Maksimik/Crystal Software. I apologize if I forgot someone.

Presentations were made by Bruce Harrison on the Extended Basic compiler; Bud Mills on ramdisks, SCSI status, and others; CaDD Software on the TI emulator for the PC and demonstration. Bruce Harrison was having his belly-up sale, stating he was going to concentrate on the compiler effort, and other unspecified projects.

The John Birdwell award was made just as I was pulling up stakes, and I didn't catch who won the award, but that person was there, and received it personally.

This description is rather limited because I had to man my table for sales, and didn't get a good chance to attend the talks or haggle with other vendors. Weather was windy as usual, and there was a great shopping mall and stores all around for the family to enjoy.

The Chicago group put on another successful show. I couldn't stay for the Milwaukee Faire being held the next day. Perhaps someone else can offer the observations on both fairs.

FOUND— A HIDDEN FONT SIZE ON MY PRINTER

Do you have a STAR NX1000 printer? I do. Like all great (?) discoveries, this one was found by accident while I was printing some material with various ELITE font sizes. Suddenly, my printer was giving me a size I had never seen before. I didn't know why or how, but there it was showing up on the paper in the printer. I stopped the printer and tried to figure out what had happened. Had my printer suddently suffered a blowout of some sort in its chips that control the size of the characters?

Checking the file producing the print showed no apparent problems. Tryidng various tests produced no answers. So rerun the file and watch the lights on the panel of the printer seemed the next logical step.

I had been printing in condensed ELITE and using transliterate commands (.TL) to change the printer from normal to condensed to superscript. Watching the printer run on the file showed all of the panel lights doing what they were supposed to do. That is, until it got to the part where it changes from condensed to superscript. Then suddenly the CONDENSED light on the printer went out and the new size type again appeared.

A review of the .TL commands at that point provided the answer. I knew that superscript should show a condensed light. It wasn't. The light bulb in my head came on! I had included a "CANCEL CONDENSED PRINTING" in the .TL commands at the start of that portion of the file. That was it! Experimenting proved that it would work on all the fonts in my printer. I had a new intermediate size font between the condensed and the superscript. For lack of a better name I have called it "UNCONDENSED SUPERSCRIPT."

The transliterate control commands below cancels the CONDENSED portion of the SUPERSCRIPT.

".TL 36:18:27,83,48:27,65,6"—"36" is the TRANSLITERATE TRIGGER. "18" is the CANCEL CONDENSED PRINTING command. "27,83,48" is the SUPERSCRIPT command and "27,65.6" it the command to set the LINE SPACING to 6/72 inch.

Including the"18" in the .TL command gives UNCONDENSED SUPERSCRIPT.

Some examples:

This is NORMAL ELITE size from the printer.

".TL 92:27,15"
This is CONDENSED ELITE size from the printer.

".TL 35,18,27,83,48,27,65,6"
This is the NEW UNCONDENSED ELITE size from the printer.

".TL 37,27,83,48,27,65,6"
This is the NORMAL SUPERSCRIPT size from the printer.

Try this on your EPSON or EPSON COMPATIBLE printer and see if you have this new font.

      Bob Heiderstadt

```
100 CALL CLEAR
110 DISPLAY AT(9,9):"PAGE BO
RDER"
120 DISPLAY AT(13,3):"CENTER
PAPER IN PRINTER"
130 DISPLAY AT(15,3):"PAGE T
OP JUST BELOW BAR"
140 LINPUT "DARK PRINTOUT? (
Y or N)":P$
150 IF P$="Y" THEN 170 ELSE
160
160 IF P$="N" THEN 180 ELSE
140
170 PRTH$=CHR$(27)&"L"&CHR$(
252)&CHR$(0):: PRTV$=CHR$(27
)&"L"&CHR$(30)&CHR$(0):: X=4
 :: GOTO 190
180 PRTH$=CHR$(27)&"K"&CHR$(
252)&CHR$(0):: PRTV$=CHR$(27
)&"K"&CHR$(15)&CHR$(0):: X=2
 :: GOTO 190
190 OPEN #1:"PIO.CR.LF"
200 PRINT #1:CHR$(27);"A";CH
R$(8);CHR$(27);"0";CHR$(27);
"C";CHR$(100)
210 FOR J=1 TO X
220 PRINT #1:PRTH$
230 PRINT #1:RPT$(CHR$(255),
252)
240 NEXT J
250 PRINT #1:CHR$(10)
260 FOR J=1 TO X
270 PRINT #1:PRTH$
280 PRINT #1:RPT$(CHR$(255),
252)
290 NEXT J
300 FOR J=1 TO 88
310 PRINT #1:CHR$(10)
320 PRINT #1:PRTV$
330 PRINT #1:RPT$(CHR$(255),
30)
340 PRINT #1:RPT$(CHR$(32),7
5)
350 PRINT #1:PRTV$
360 PRINT #1:RPT$(CHR$(255),
30)
370 NEXT J
380 PRINT #1:CHR$(10)
390 FOR J=1 TO X
400 PRINT #1:PRTH$
410 PRINT #1:RPT$(CHR$(255),
252)
420 NEXT J
430 PRINT #1:CHR$(10)
440 FOR J=1 TO X
450 PRINT #1:PRTH$
460 PRINT #1:RPT$(CHR$(255),
252)
470 NEXT J
480 CLOSE #1
490 END
```

PAGE BORDER

Here's a program to make the border that is around this page. I know I probably didn't calculate all the printer graphics properly, but it works. I use the most basic TI IMPACT PRINTER so that's why it looks like there is some overkill on the printer codes. The program should run on any EPSON-compatible printer in Ex-Basic. I'll try to get a disk with this program to the NOVEMBER 16th MEETING.

Jeff Craft

NEXT MEETING: Tuesday

November 16, 1993 6:30PM

WEST MUSIC, COLLINS ROAD
PLAZA, MARION
ACROSS FROM LINDALE MALL

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