

THE FORT'S USER GROUP

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October 1987

PRESIDENT'S COMMENTS - BY DAVE BRADTMUELLER

A user group can only function with support from the users. This support takes on two forms;
 Volunteers - these are the officers and the people that help out the officers.
 Contributors - these are the people that attend the meetings and while there participate in the demos and discussions.

At this point in time, I have not received any offers to take over the newsletter from Pat Murphy. Also at the last meeting we had only six members in attendance. Since I do not seem to be getting any feedback from the members I can only begin to guess at what the reasons are. If we do not start getting some member feedback, we will have to start thinking about restructuring this user group to meet the needs of the few.

That said, on to better things. The Chicago TI Fair is going to be on Nov. 7th from 9 am to 6 pm Chicago time. This is the first saturday in November. The club has help set up transportation to Chicago for those members wishing to go. Please let me or Tom Carson know before October 18 so we can help set up the car pools. I highly recommend this fair for anyone who is serious about their TI computer. The cost of admissiion is \$3.00.

We still have not been able to get the 2nd club disk drive to work. If anybody has any ideas let us know. We are also kicking around the idea of purchasing an editor/assembler cartridge for our club machine. If you have any suggestions let us know. Bud Darr is trying to locate software written by Scott, Foresman. If any of you have any information about this contact Bud at 693-3341.

The next meeting will be from 9:30 to 12:00 on October 10. We will be demoing Advanced Diagnostics (from Millers Graphics) and some demos to be named later. See you all there.

MIMUTES Meeting of September 12, 1987 Submitted by Dennis B. Przybyla, Secretary

President Dave Bradtmueller called the meeting to order at approximately 12:40 pm. The meeting started with only five members in attendance, and no guests. A Sixth member arrived after the meeting was in progress. The Secretary's minutes of the June meeting and the Treasurer's report for September were published in the September Newsletter. The formal presentation of these reports at the meeting were omitted but submitted as published. There were no additions or corrections to the reports of the Secretary and Treasurer and the reports were approved as published.

Dave Bradtmueller informed the group that Bud Darr was recently released from the hospital after having by-pass surgery. We all wish Bud a speedy recovery. Bud is looking for some programs by Scott, Foresman. Contact Bud, if you can help him in this regard. It was noted that the downtown Allen County Library has plenty of programming and reading material for the TI-99/4A.

It was suggested that the club purchase the Editor Assembler cartridge for its computer system. All agreed that the club should acquire the module but to put off the purchase for now. The question was whether to purchase new or used. A new Editor Assembler cartridge could be purchased for \$19.95 plus shipping and handling. A motion for this purchase will be put forth at a future meeting.

Pat Murphy has done an excellent job in the production of this Newsletter. He is at a point now where he would like someone to take over the publishing responsibility. We need a volunteer. Pat is willing to help the new person get started. In the mean time, though, Pat does need some help. He would like members to contribute to the Newsletter. You might submit your thoughts on what you hope to get out of this user group. Whatever your thoughts, put them in writing and submit to the Newsletter for publication.

For your consideration, on Saturday, November 7, from 9 am to 6 pm, the Chicago TI Faire will take place. For the TI enthusiast, this is probably the top event of the year. For the past three years, a good number of our membership have attended this event. As in the past, a car pool or pools will be formed if enough interest exists. Keep this date in mind.

As yet, the "Orphan Survival Handbook" by Ron Albright has not arrived. Dave suggested that we might look into the purchase of this book when attending the Chicago TI Faire. Also, we might price out the Editor Assembler cartridge at that time, as well.

Our normal meeting date for November is not available. Therefore, our meeting for that month will be held on MONDAY EVENING from 6:30 to 9:00, NOVEMBER 7. The business portion of the meeting will start at seven.

The small turnout at the September meeting prompted a discussion as to the life and the survival of our user group. After the good turnouts during July and August, it was thought that the low attendance for this meeting was just an off day (Saturday afternoon football, maybe!). I think it can be safe to say that the enthusiasm for computers and computing in general is not what it was a couple years ago, regardless of the type of computer you have. Now it is all work, fun, but still work! Also, the house chores can't be put off any longer. Now anytime spent on the computer must be equated with whatever else needs to be done.

As to the value of your TI System, it should be emphasized that you can learn word processing, spread sheets, data base, graphics, and Basic, C, Assembly, and Forth languages and whatever else you wish on your TI-99/4A, just as you can on the PC. One big difference, though, the programs and material for the TI are cheaper. The members are urged to take advantage of their membership in this user group by attending the meetings, getting answers to their technical questions, giving demonstrations, and obtaining programs from the library. Again, take advantage of your membership.

Again, our stand alone disk drive has yet to be mated with our expansion system. Does anyone have the adapter board that came with their TI Disk Controller Card and are not using it? With this adapter board inserted into the cable we have, the drive should then work.

Wayne Linkhart announced that the Forth User Group meeting will be held on Tuesday, September 15, 7:00 pm, room 138 Neff Hall, on the IPFW campus.

Our paid membership still stands at twenty-nine active and one subscribing member. Because of the low attendance, the door prize event was not held.

After the close of the official business meeting and general discussion, a workshop type demonstration was given on the TI-99/4A Microsoft Multiplan, the electronic worksheet.

The next meeting will be held on Saturday, October 10, at the Shawnee Branch Library. The meeting start time will be at 9:30, with the doors opening at 9:00 am.

Membership/Treasury
by Anthony Miller

I would like to take this time to apologize to the whole membership for not being at the last summer's meetings. Since June, my wife and I have been adding on to the house. We decided that with two kids, the house is not big enough. So, we are adding on a new room addition. This project has taken up all of my time. Now you know the reason why I have been absent from so many meetings. I hope to make it to the next meeting. See you all there.

Looks like the 9640 from MYARC is here and the prospects are looking good. The article that the Chicago users group had on it was mighty interesting. From the sounds of the DOS problems that they are having, I am sure that the bugs will be worked out by the first of next year. If there is any interest in this computer, MYARC will have a booth at the Chicago TI Faire next month. Speaking of Faires, The Chicago Faire is one of the best in the country. This is the big event in the TI community. This Faire will be held in Chicago next month. For more details join us at the next users group meeting.

Now on to the treasury report for the months of August and September:

DEBITS	
OLD BALANCE.....	\$290.08
<hr/>	
BALANCE.....	\$290.08
CREDITS	
INTEREST(8/31/87).....	\$ 1.24
STAMPS(PAT M).....	\$ 24.30
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NEW BALANCE.....	\$267.02

>>>EDITOR'S NOTES<<<
by P. Murphy

This month I have a listing of a few programs...some because of Halloween, others just because. Some of these programs I know the source, and others I am not sure of their origin. But I will now lead into them...:

Mike Stanfill of DTIHUG wrote this little program about his feelings on the new FCC proposals concerning phone services and computer phone time (modem type information transfers). I have to agree with his feelings...my sentiments exactly! Type in exactly as shown and stomp the headless FCC representatives and their less than welcomed proposals brought about by money grubbing lobbyists.

```
100 !****THE FCC STOMP**** BY MIKE STANFILL DTIHUG
101 CALL CLEAR :: PRINT " THE FCC STOMP!": "A RESPONSE TO THE ATTEMPT": "BY THE FCC TO FURTHER": "RESTRICT OUR
FIRST AMENDMENT": "LAWS!"
102 PRINT "": "USE THE SD KEYS TO MOVE": "YOUR STOMPER LEFT AND": "RIGHT, AND USE THE A KEY": "TO STOMP THE HEADLESS
FCC": "REPRESENTATIVES!"
103 PRINT "": "PRESS ANY KEY TO START!"
104 CALL KEY(0,K,S):: IF S=0 THEN 104
110 CALL CLEAR :: B$(0)="41413E08087F4141" :: B$(1)="7F49490914141436" :: CALL
CHAR(129,"000001030FDFFF5E",131,"FFFEFEFEFEFEFEFEFE" & B$(1))
120 T=2 :: CALL MAGNIFY(3):: Y=16 :: CALL COLOR(14,5,5)
130 CALL KEY(1,K,S):: CALL SPRITE(#1,128,5,1,Y#8-15):: IF K=1 THEN 150 ELSE Q=(K=2)-(K=3):: IF Q+Y>1 AND Q+Y<32
THEN Y=Y+Q :: DISPLAY AT(1,1):J
140 CALL CHAR(132,B*((T=3)-1)):: T=T+1 :: T=T+((T=5)*3):: IF SP(T)=0 THEN CALL SPRITE(#T,132,2,185,1,0,RND-9)::
SP(T)=1 :: GOTO 130 ELSE 130
150 CALL LOCATE(#1,177,Y#8-15):: CALL VCHAR(2,Y,136,22):: FOR Z=2 TO 4 :: CALL COINC(#1,#Z,8,H):: IF H THEN CALL
DELSPRITE(#Z):: SP(Z)=0
160 J=J-H :: CALL SOUND(-399,110,Z#6,-5,Z#7):: NEXT Z :: CALL VCHAR(1,Y,32,23):: CALL LOCATE(#1,1,Y#8-15):: GOTO
140
```

The next listing is a program that draws a facsimile of a pumpkin on the screen. One could put his/her monitor/tv in the window at Halloween time, run the program and be all set for the evening. I received this program about two years ago and I am not real sure of its origin. I believe it came from a newsletter we correspond with. But the true origin may have been a newstand publication on computers...I am not certain.

```
1 DATA 11,22,9,24,7,26,6,27,4,29,3,30,2,31,1,32
2 @=0 :: [=1 :: 1=2 :: =3 :: \=4 :: GOTO 10 :: A# :: L,P,X,X1,X2,Y :: CALL CHAR :: CALL CLEAR :: CALL COLOR ::
CALL HCHAR :: CALL SCREEN :: !@P-
10 CALL CLEAR :: CALL SCREEN(1):: A$="FFFFFFFFFFFFFF" :: CALL CHAR(96,A#):: CALL CHAR(104,A#):: CALL
CHAR(112,A#):: CALL COLOR(9,7,7):: FOR Y=1 TO 24 :: READ X1,X2 :: FOR P=X1 TO X2
110 CALL HCHAR(Y,P,96)
120 NEXT P
130 NEXT Y :: CALL COLOR(10,13,1)
150 FOR Y=L TO 17 :: FOR X=16 TO 17 :: CALL HCHAR(Y,X,104)
180 NEXT X :: NEXT Y :: CALL COLOR(11,,1):: FOR Y=7 TO 10 :: READ X1,X2 :: FOR X=X1 TO X2 :: CALL
HCHAR(Y,X,112):: CALL HCHAR(Y,X+11,112)
260 NEXT X
270 NEXT Y :: FOR L=1 TO 6 :: READ Y,X1,X2 :: FOR X=X1 TO X2 :: CALL HCHAR(Y,X,1 12)
320 NEXT X
330 NEXT L
340 GOTO 340
1000 !
1010 DATA 1,32,1,32,1,32,1,32,1,32,2,31,2,31,3,30
1020 DATA 3,30,4,29,5,28,6,27,7,26,9,24,12,21,11,11
1030 DATA 10,12,9,13,8,14,13,16,17,14,15,18
1039 !@P+
1040 DATA 15,14,19,18,12,21,19,13,20,20,14,19
```

Notice that I have COMPRESSED and PRE-SCANNED this program. Much faster start time after PRE-SCANNING it!

The next listing is a program that lets you hear the effects of changing pitch when using the SPEECH SYNTHESIZER. This listing comes from our friends in Peru, IN. It is from their June Newsletter. It requires the TE-II module and the SPEECH SYNTHESIZER to run. Here it is...:

```

100 X=10
110 CALL SCREEN(2)
120 OPEN #1:"SPEECH",OUTPUT
130 CALL CLEAR
140 PRINT "DEMO TO LET YOU HEAR":"THE EFFECTS OF CHANGING":"PITCH WHEN USING THE SPEECH"
150 PRINT "SYNTHESIZER":"*****":" BY RENKENBERGER":::::
160 PRINT "TEII BASIC SPEECH REQ'"::::::
170 PRINT "PRESS ANY KEY TO CONTINUE"
180 CALL SCREEN(11)
190 PRINT #1:"//60 192"
200 PRINT #1:"PRESS ANY KEY TO CONTINUE"
210 CALL KEY(0,K,S)
220 IF S=0 THEN 210
230 CALL CLEAR
240 A$="THIS IS A TEST"
250 PRINT TAB(5);"PITCH";TAB(20);"SLOPE"
260 PRINT TAB(5);"====";TAB(20);"===="
270 FOR PITCH=0 TO 63 STEP X
280 SLOPE=INT((PITCH#.1))
290 B$="//%STR$(PITCH)& " %STR$(SLOPE)
300 PRINT TAB(5);PITCH;TAB(20);SLOPE
310 PRINT #1:B$
320 PRINT #1:A$
330 NEXT PITCH
340 PRINT :::"WANT TO HEAR IT AGAIN? (Y,N)"
350 CALL KEY(0,K,S)
360 IF S=0 THEN 350
370 IF (K=78)+(K=110)THEN 430
380 CALL CLEAR
390 PRINT :::::::"WE USED A STEP RATE OF";X;"IN":"THE LAST EXAMPLE"
400 PRINT "WHAT RATE DO YOU WANT TO USE":"THIS TIME?":
410 INPUT "NEW RATE? (1-63)-->":X
420 GOTO 230
430 CALL CHAR(42,"991818FFFF181899")
440 CALL HCHAR(1,1,42,32)
450 FOR DELAY=1 TO 200
460 NEXT DELAY
470 CALL CLEAR
480 PRINT #1:"SEE YOU LATER"
490 CLOSE #1
500 STOP

```

Not being very familiar with BASIC in the TE-II format, I did not compress or PRE-SCAN this program

This next listing is originally from TIPS from the TIGERCUB from Columbus, OHIO. Thank to them for this unique program. It uses the contents of computer memory to create designs on the screen. It is a little slow to start (give it a MINUTE), but well worth it...very nice.

```

100 DISPLAY AT(3,10)ERASE ALL:"COLORPEEK": :TAB(7);"BY JIM PETERSON": : "WATCH THE COMPUTER'S MEMORY":
:"DISPLAYED IN COLOR"
110 DISPLAY AT(12,1):"CHOOSE": :"(1) PLAIN COLORS": :"(2) BARS CHECKS": :"(3) PATTERNS" :: ACCEPT
AT(12,8)VALIDATE("123")SIZE(1):Q
111 CALL CLEAR :: IF Q=1 THEN 170
120 DISPLAY AT(12,5):"WAIT PLEASE" :: IF Q=3 THEN 140
130 FOR CH=32 TO 143 :: CALL CHAR(CH,RPT$("FO",Q)):: NEXT CH :: GOTO 160
140 RANDOMIZE
141 FOR CH=32 TO 88 :: FOR J=1 TO 4 :: X$=SEG$("0018243C425A667E8199A5BDC3DBE7FF ",INT(16*RDND+1)*2-1,2)::
B$=B$&X$ :: C$=I$&C$ :: NEXT J
142 CALL CHAR(CH,B$&C$)
150 CALL CHAR(CH+55,B$&C$):: B$&C$="" :: NEXT CH
160 FOR SET=1 TO 14 :: CALL COLOR(SET,SET+1,16-SET):: NEXT SET :: CALL SCREEN(2) :: GOTO 180
170 FOR SET=1 TO 14 :: CALL COLOR(SET,SET+2,SET+2):: NEXT SET :: CALL SCREEN(16)
180 FOR J=-1 TO -2000 STEP -1 :: CALL PEEK(J,A):: A=A-(A<33)*(A+32):: A=A+(A>143)*(A/2):: R=R+1+(R=24) :: CALL
HCHAR(R,1,A,32)
190 C=C+1+(C=32) :: CALL VCHAR(1,C,A,24):: NEXT J :: GOTO 100

```

This final program listing is a musical I typed in from one of our newsletter exchanges. It is called "DUELIN' COMPUTERS". This is a takeoff from the 'Duelin' Banjo's' in the movie "Deliverance". Type it in exactly and you will tell that someone has spent some time conjuring up this little computer melody. Have fun!

```

100 DATA 1,1,2,2,2,2,2,2
110 @=0 :: [=1 :: ]=2 :: =3 :: \=4 :: GOTO 120 :: A,B,L,M,P,T,V :: CALL CLEAR :: CALL SOUND :: DIM
DT(9),DUR(225),FT(8,9),V1(225),V2(226),V3(226):: !@P-
120 CALL CLEAR
130 FOR L=[ TO 9 :: READ DT(L):: NEXT L :: FOR L=[ TO 8 :: FOR M=[ TO 9
140 READ FT(L,M):: NEXT M :: NEXT L :: FOR L=[ TO 225 :: V1(L)=40000 :: V2(L)=40000
150 V3(L)=40000 :: NEXT L
160 FOR L=91 TO 110 :: READ DUR(L):: NEXT L :: V= :: FOR L= TO 12 STEP ] :: READ T :: IF L>8 THEN V=20
170 FOR M=[ TO 9 :: P=L*9+M+V :: DUR(P)=DT(M):: V2(P)=FT(T,M):: DUR(P+9)=DT(M):: V3(P+9)=FT(T+\,M)
180 NEXT M :: NEXT L :: DUR(146)=\
190 FOR L=91 TO 95 :: READ A,B :: V2(L)=A :: V2(L+10)=A
200 V1(L+5)=B :: V1(L+15)=B :: NEXT L :: FOR L=147 TO 225 :: READ V1(L)
210 DUR(L)=] :: NEXT L
220 FOR L=147 TO 159 :: READ V2(L):: NEXT L :: P=164 :: FOR L=[ TO 8 :: READ A,B :: FOR M=[ TO \ ::
V2(P)=A :: V3(P)=B
230 P=P+1 :: NEXT M :: NEXT L :: V3(206)=595 ::
PRINT* * THE DUELIN' COMPUTER * *
240 FOR L=[ TO 10 :: PRINT :: NEXT L
250 FOR L=[ TO 225 :: CALL SOUND(120*DUR(L),V1(L),],V2(L),],V3(L),\
260 NEXT L :: GOTO 250
270 !
280 DATA 196,196,196,220,247,262,294,262,247
290 DATA 262,262,262,294,330,349,392,247,330
300 DATA 294,294,294,330,370,392,440,392,370
310 DATA 247,262,294,247,262,220,247,196,220
320 DATA 392,392,392,440,494,523,587,523,494
330 DATA 523,523,523,587,659,698,784,698,659
340 DATA 587,587,587,659,740,784,880,784,740
350 DATA 494,523,587,494,523,440,494,392,440
360 DATA 1,1,2,2,2,1,1,2,2,2,1,1,2,2,2,1,1,2,2,2
370 DATA 1,1,2,1,3,4,4
380 DATA 494,247,494,247,494,247,523,262,494,247
390 DATA 196,196,220,247,196,247,220,294,196,196,220
400 DATA 247,196,196,220,247,264,264,196,196,262,262
410 DATA 196,196,196,196,247,247,196,196,247,247,294
420 DATA 294,220,220,294,294,165,185,196,196,247,247
430 DATA 196,196,220,247,262,262,196,196,262,262,196
440 DATA 196,196,196,247,247,196,196,247,247,294,294
450 DATA 220,220,294,294,165,185,196,196,247,247,196
460 DATA 196,196,392,392,440,494,392,494,440,587,392
470 DATA 392,440,494,392
480 DATA 392,523,392,494,440,587,392,494,392
490 !@P+
500 DATA 523,392,494,440,587,392,494

```

This program has also been compressed and PRE-SCANned. It also starts up running faster than the original, very nice program. The sounds emanating from this program are remarkable. So take time to drop this in your computer. It is worth listening to for a time.

Finally, I have included at the back of this issue a TI-ARTIST printout of disk supplier types. This chart shows who may have produced the diskette you now have in your disk drive. Thank to the N.O.V.A. Users group of Vancouver, WA. Their original version that I saw was hand drawn. I took it a step further and drew it up using TI-ARTIST.

Also, all of the above programs I have typed in and have given to our library for the user group's use. Over the last 7 - 8 months, there have been enough additions to our library that perhaps a new printing of our library listing is in order. I have personally typed in and given to our library over 25 programs in the last year. Hey, Librarian how about it???

LIBRARY NEWS ##
by Bryon DeLaBarre

Good day to all, and I apologize for not making the last meeting. This month I have been supplied with another check book type data base, and it looks quite good. This one is from Harold Brooks, thanks Harold, and by looking at the documentation it looks impressive. Harold said that he uses it a lot, and if you are one of those people who think that the more documentation, the better the program, then this is a dandy. From what I gather, a disk database will handle 700 checks, with up to 200 payee names, and 84 deposits. Also I have thrown in a "DeLaBarre Craps Simulator". I don't think it's too bad.

Also, I am going to need someone to give me a hand with the library. As you can tell, I am falling behind in the library tasks. This is alike with just about everything, but the library is what needs to be done first. So, I would really appreciate anyone who would like to devote some time.

ATTENTION MARTIN DONAHUE: I have 33 disks, labels, and w-p tabs for for you when next we meet. Well, that's about it for this time, so see you around, and use the library...

W.I.S.H. LIST

WISH GAC0686...A terminal emulator program that would transfer a complete disk rather than one file at a time.

WISH TM0686...Would like a ribbon cable connector (female) for a 36 pin .100" card edge connector.

WISH GAC0786...A program that would download different fonts to a dot matrix printer i.e., script, gothic, roman, etc.

WISH JY0886...A program that converts CALL LOAD statements into assembly language source code.

WISH BCD0986..Would like a used expanded system (RS232 Optional), at least one disk drive and 32K memory expansion.

WISH GCC1286..Would like a cassette cable and educational programs or modules (primary level).

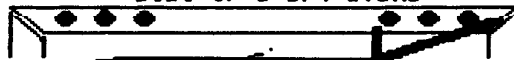
ANSWER GAC0686...Use FREEMWARE program "MASS TRANSFER" available from Stuart Olson, 25322 W. Wainside Place, Lake Villa, IL 60046. Program now in user group library.

ANSWER TM0686...Connectors you want are available from PILGRIM'S PRIDE, 5 Williams Lane, Hatboro, PA 19040

ANSWER JY0886...The program to convert CALL LOAD to ASM. LANGUAGE source or object code has been written by Tom Freeman of LA99ers and is in our library.

ANSWER GAC0886...Program called OLDENG prints any TI-WRITER file in old english letters - also Character Sets and Graphics Design III provides 6 full character sets - can be purchased from TEXAMENTS.

I.D. of 5 1/4 Disks



SEAL	COMPANY	COMMENTS
● ● ● ●	MAXELL	
Complete	MEMOREX	Also ALBINAR (BEST CO.)
⊗ ⊗	VERBATIM	
● ●	NASHUA	6 DOTS DOWN EACH SIDE
■■■■ ■■■■	BASF	
.....	ELEPHANT	
■■■■■■■■	3 M	2 BARS DOWN EACH SIDE
■■■■■■■■	NABASH	6 SETS OF 8 SQS./SIDE
■■■■	FUJI	
■■■■■■■■	SYNCOM	3 BARS DOWN SIDES
● ●	CERTRON	8 DOTS DOWN SIDES