

```

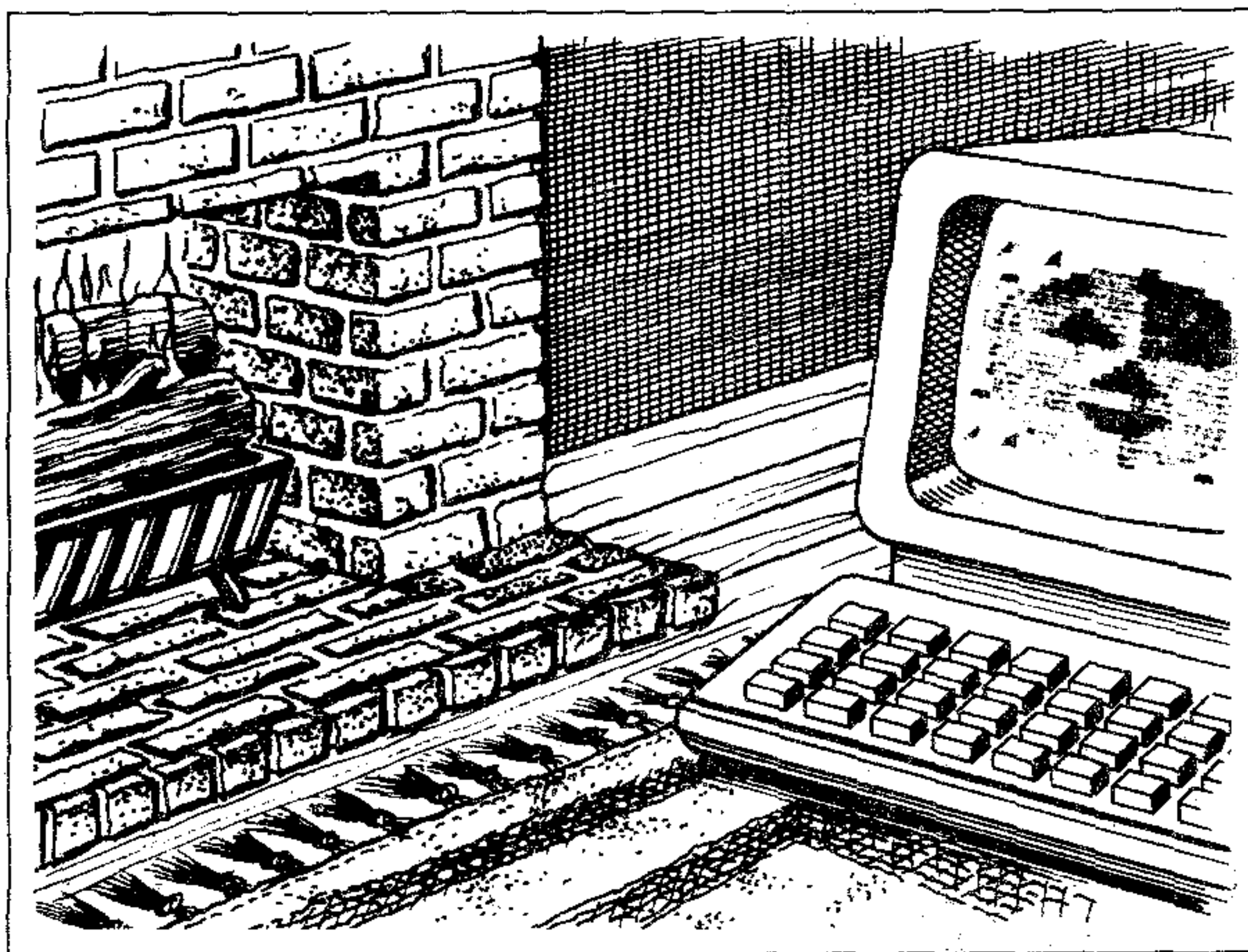
*   *   #   #   @   @   %%%   $   $
**  **  #   #   @@  @   %   %   $   $
*   *   *   #   #   @  @  @   %   $   $
*   *   #   #   @   @  @   %   $$$$
*   *   #   #   @   @@  %   %   $   $
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Mass Users of the Ninety nine and Computer Hobbyist

November 1985 Monthly Newsletter Version ~~A.1~~

4.11



Yes, we know the date is November, and there should be a turkey on the screen; however, the graphics program submitted by Tony Falco (and "lost", see last month's insert) is just too good to keep until next year. This ExBasic exercise demonstrates mans good programming techniques. see pages 6 & 7

PRESIDENT'S MESSAGE

We had a fair turnout at the October meeting. About 31 people were in attendance. I know we can do better than that. I think the reason some people don't attend is because of the time structure of segments of the monthly meeting. Well, all of you with that problem should show up at the November meeting. Why??? Because at the October meeting I passed out an "ON-THE-SPOT-SURVEY" to each member in attendance. The survey showed that many people dislike the length of the business meeting. I am prepared to take the necessary action to cut that time considerably. Also, several people thought that it would be a good idea to have the demonstrations and special interest groups at 7:00 o'clock and start the business meeting later. This way families with children and other members will get the benefits of the meetings and won't have to sit through the business meeting.

One of the ideas is to start the demos and the SIGs at 7:00 PM, start the business meeting at 8:00 PM, and pick up the demos and SIGs again at 8:15 PM to 8:30 PM thru

Also, the software and hardware information given out at the meeting is received only by the members present. The ones who have paid their dues and are not able to attend miss all of these facts. I am proposing that all this information be put in print right here in this newsletter so all may appreciate. I know this might be an imposition for some to have to put into print what could easily be said, but this way everyone will benefit.

If you have any feelings one way or the other on these items PLEASE, PLEASE, PLEASE show up at the meeting to briefly discuss and vote on any changes. Please remember, I only want to do what is best for our User Group.

There are still members who do not know how to use "canned" software that they have (ie. TI-Writer, Personal Record Keeping, etc.). If you are one of these people then give me a telephone call, drop me a note, or see me at the meeting. This way I can make sure you get the necessary training to make you proficient using that software. I would also like a listing of people who are knowledgeable in the various "canned" software programs who would be willing to help out another member. If there is enough interest in any one type then we might start full blown classes at the meetings. JUST LET ME KNOW.

As you now know, I am still your club's President. The new Vice-President is Norman Abare. Our new Secretary is Wm. Corson Wyman. Jim Cox will continue to be our Treasurer. The Club has a very strong and dedicated team of officers. With this team we will make sure that you will be able to get the most out of MUNCH.

One last comment. The Editorial Staff needs more information for the newsletter, and on a fairly regular basis. You don't have to be a great writer either. Can't spell very well? Don't worry about it. The Editorial Staff will make any necessary corrections. Please write, write, write.

See you at the November meeting.

----- Bruce Willard, Pres. -----

"COMPUTER QUERIES"

Does anyone know of an electronic spreadsheet for the TI-99/4A other than Microsoft Multiplan??? I would like one as versatile, but faster on recalculations.

If any of you have any problems or questions about our computer, this is where to find the answers to them. Send your question to one of the editorial staff or drop it at the Video Connection on Lincoln St. and it will be printed in the newsletter with an answer. If, in the unlikely event, we cannot find the answer in a reasonable amount of time, we will print it here looking for the answer out there in TI land. I know that I don't have all the answers. How about you???



THE VIDEO CONNECTION.

"The Chain That Has No Equal!"

The TI SUPER SALE CONTINUES

GATE CARTRIDGE.....\$9.95

TI. ROMBOX Fun fare
 Atari Soft

Complete Expansion System.....\$350
(demo, used less than a month)

all programming and instruction
books..... \$5.95

All Infocom Adventures are still
available, along with most Scott
Adams adventures.

SPECIAL for N.U.N.C.H. Members the
10% discount will apply to all sale
items until September 30th. Come in
while there are still good supplies.
This special discount will be for
N.U.N.C.H. members only. Please bring
your membership card at time of pur-
chase.

*** FINAL SALE ON ALL TI SOFTWARE

HURRY - IT'S GOING FAST ***

560 Lincoln St.
Worcester
next to McDonald's

852-8213



AGENDA for November 19, 1985

- 7:00 - 7:15 Open Demonstrations
New Member Registration
Software Exchange (members only)
- 7:15 - 7:45 Business Meeting:
Approval of Minutes
Treasurers Report
Committee Reports
Old Business
New Business
Announcements
Raffle
- 7:45 - 9:00 Special Interest Group Meetings
and Open Demonstrations and Discussion

Demo of Millers Graphics Advanced
Diagnostics by Dan Rogers
Basic Programming -- as required
Assembly Language -- Suspended until
December

Plan for December meeting:

Demo of BITMAC ??? YOU tell me what
you want.

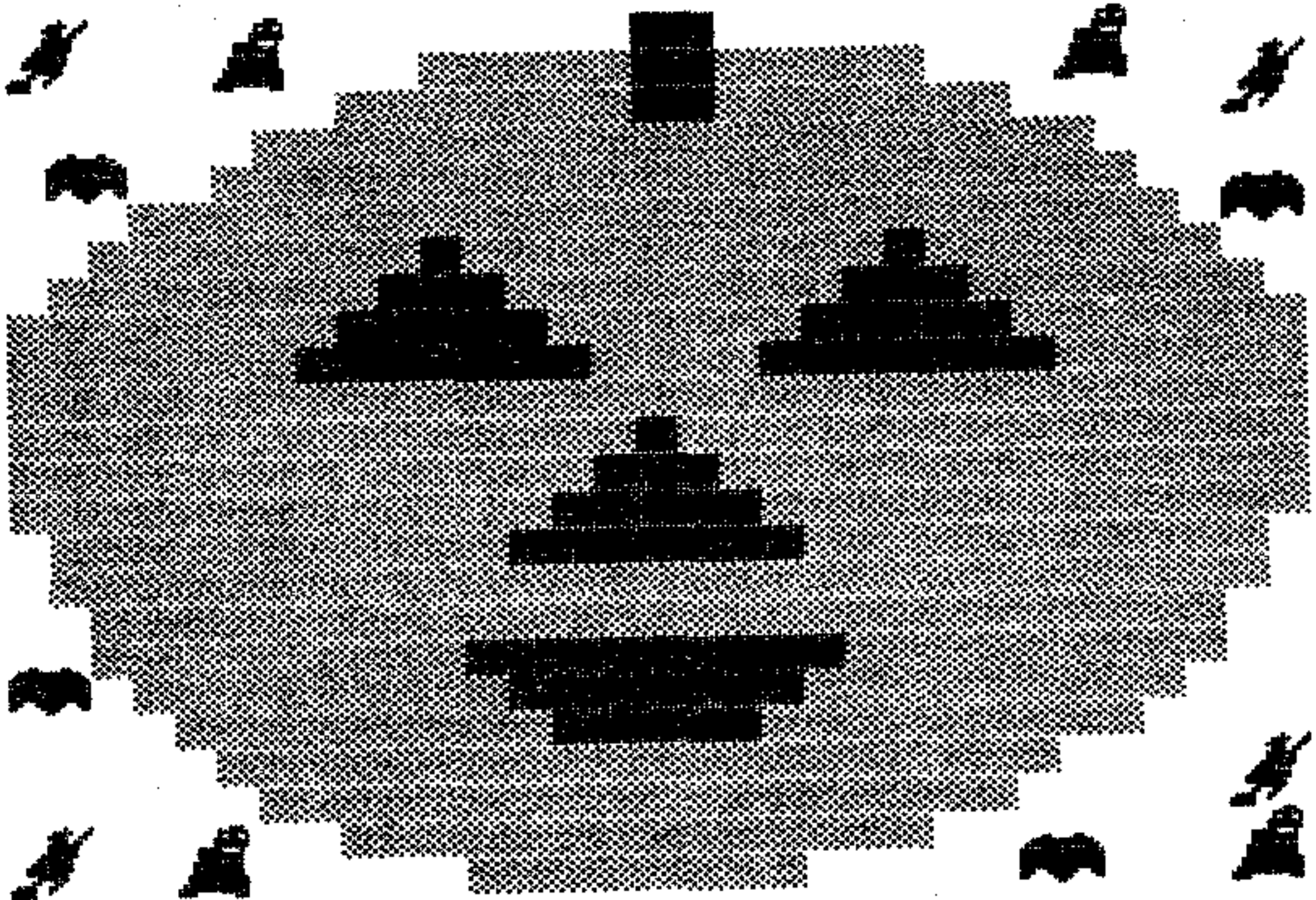
MUNCH OFFICERS AND NUMBERS (all in 617 area)

President	Bruce Willard	852-3250
Vice President	Norman Abare	297-2100
Secretary	Wm. Corson Wyman	
Treasurer	Jim Cox	869-2704
Editor	Pete Blackford	892-4946
Hardware Chair		
Programs Chair		
Adv Prog. Chair	Dan Rogers	248-5502
Club Reviewer	Jack Sughrue	476-7630
Library	Al & Lisa Cecchini	
Software Library	Don Mason	754-6630
Mail & Messages	Video Connection	852-8213

SPOOKY SPRITES

by Tony Falco

The Halloween season is upon us. It's time for witches, bats, and ghosts. The program listed here is an attempt at capturing the mood and spirit of Halloween. It features a pumpkin with flickering light to simulate a lighted candle inside it. There are moving sprites in the shapes of witches, bats and ghosts. And every now and then these spooks jump out at you. Eerie sounds provide a background for the action on the screen. A screen dump of the graphics is shown below.



```
100 CALL CHAR(116,"00000100010103070F1F1
F070C79F9F821F3E6ECF8F8F8F0F0F0E0E0C0B00
000")
110 CALL CHAR(120,"00000001010F0F0F1F1F1
F3F3F7FFFF038FCB4FCFC88F8F8F8F8F8FCFCFCF
C1C")
120 CALL CHAR(124,"000000000000C3F7FFFFFF
FFFFFFE7C301000000000030FCFEFFFFFFFFFFE7C
3B0")
130 CALL MAGNIFY(3):: RANDOMIZE :: CALL
CLEAR :: CALL SCREEN(2)
140 A#=RPT$("F",16):: CALL CHAR(96,A#,10
4,A#,112,A#):: CALL COLOR(9,1,1)
150 !-----make outline of pumpkin-----
160 FOR R=1 TO 23 :: READ X,X1,Y :: CALL
HCHAR(Y,X,96,X1-X):: NEXT R :: CALL COL
OR(10,1,1)
```

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170 !-----make stem-----
180 FOR R=1 TO 6 :: READ X,Y :: CALL HCHAR(Y,X,104):: NEXT R :: CALL COLOR(11,1,1):: X=11 :: Y=7 :: X1=X
190 !-----make the eyes and nose-----
200 FOR P=1 TO 4 :: FOR Q=X TO X1 :: CALL HCHAR(Y,Q,112):: CALL HCHAR(Y,Q+11,112):: CALL HCHAR(Y+5,Q+5,112):: NEXT Q :: Y=Y+1 :: X=X-1 :: X1=X1+1 :: NEXT P
210 !-----make the mouth-----
220 X=12 :: Y=18 :: X1=21 :: FOR P=1 TO 3 :: CALL HCHAR(Y,X,112,X1-X):: Y=Y+1 :: X=X+1 :: X1=X1-1 :: NEXT P
230 CALL COLOR(9,7,1,11,10,1,10,13,1)
240 GOSUB 370
250 !-----flicker the light-----
260 FOR A=1 TO 50
270 CALL COLOR(11,9,1,11,10,1)
280 CALL SOUND(-99,110,12,120,12,30*RND+120,9,-8,9):: CALL COLOR(11,10,1):: NEXT A
290 !-----make spooks jump out-----
300 FOR T=1 TO 10 :: A=INT(RND*300)+110 :: B=INT(RND*150)+220 :: CALL SOUND(250,44000,30)
310 CALL MAGNIFY(4):: CALL SOUND(250,A,0,A*1.01,3,A*2.02,6,-3,20):: CALL MAGNIFY(3):: CALL SOUND(250,B,0,B*1.01,3,B*2.02,6,-8,9):: NEXT T
320 GOTO 260
330 DATA 11,23,2,9,25,3,7,27,4,6,28,5,4,29,6,3,30,7,2,31,8,1,32,9,1,32,10,1,32,11
340 DATA 1,32,12,1,32,13,1,32,14,2,31,15,2,31,16,3,30,17,3,30,18,4,29,19,5,28,20
350 DATA 6,26,21,7,25,22,9,23,23,12,20,24,16,1,17,1,16,2,17,2,16,3,17,3
360 !-----set spooks in motion-----
370 FOR X=1 TO 4 :: A=INT(RND*240)+1 :: B=INT(RND*60)+4 :: CALL SPRITE(#X,116,2,A,A,-B,B):: NEXT X
380 FOR X=5 TO 8 :: A=INT(RND*240)+1 :: B=INT(RND*20)+4 :: CALL SPRITE(#X,120,16,A,A,(INT(RND*7)-3)*B/2,B*(-1)^B):: NEXT X
390 FOR X=9 TO 12 :: A=INT(RND*120)+1 :: B=INT(RND*10)+10 :: CALL SPRITE(#X,124,15,A,A,B*(-1)^B,B*(INT(5*RND)-2)):: NEXT X :: RETURN

```

RAMBLINGS by Jim Cox

I would like to welcome five new members to MUNCH. They are:

- Lindon Ambruson from Auburn
- Johnathon Silverman from Worcester
- Carl Richardson, Jr. from Framingham
- Kevin Neary from West Boylston
- Paul Johnson from Pepperell

Remember, if you or any other members have any questions, just ask. We are all here to help each other.

FOR SALE:

TI Data Terminal, Model 707, with acoustic coupler and modem. \$300.00.
See me at the meeting.

REMINDER FOR ALL MEMBERS:::

Check your newsletter label for your membership expiration date. There are many renewals coming up next month. Please pay up on time. Anyone who is in arrears 3 months will be dropped from the membership and maillist. Thanks!

LIBRARY NOTICE

Recent Additions to the Library:

TI in Wonderland.

TI-99/4A Basic Programs -- "SAM's" tape & book.

Conversational Basic. -- *

Basic Computer Programs for the Home. -- *

* -- Donated by V. Foster-Erlandson.

Please return all borrowed materials to the MUNCH library at each meeting. This will give other members a chance to enjoy our collection of "text-ware" as much as you have !!! THANK YOU !!!

ADVERTISING RATES:

- Double Page (10.5" by 8") \$50.00 per insertion .
- Full Page (5" by 8") \$25.00 per insertion
- Half Page (5" by 4") \$15.00 per insertion
- Quarter Page (5" by 2" or
(2.5" by 4") \$10.00 per insertion

Classified (non-commercial) ADs are FREE for MUNCH members.

" . . . RAFFLE . . . RAFFLE . . . "

The October raffle prize of a ten pack of diskettes was won by our Club Treasurer, Jim Cox. Congratulations, Jim.

The November prize will be a game called UP PERISCOPE, by Pewterware. This game was donated by Don and Larry Howard. Thanks for the donation guys.

Please keep up the good work supporting our Group thru the raffles. It is really working.

The raffle is open to all who attend. The drawing will be held immediately after the business meeting before we break into the various Special Interest Groups. Remember:

***** YOU MUST BE PRESENT TO WIN *****

Bruce Willard, Pres.

RANDOM BYTES

WANTED: A couple of used Pro-Stick II joy sticks.
Call Bruce Willard -- 852-3250.

10-15-85 MUNCH MINUTES

OUR REGULAR RAFFLE WAS HELD BY OUR LIBRARIAN AL CECCHINI. A CHOICE OF EITHER A PACK OF 10 DISKS OR A PACK OF 12 CASSETTES WAS RAFFLED AT A DOLLAR FOR 5 CHANCES. THE RAFFLE TOOK IN \$32.00 WHICH JUST ABOUT PAID FOR THE MONITOR RENTALS FOR THE MONTHLY MEETING. THE LUCKY WINNER WAS JIM COX.

THE TREASURY REPORT IS AS FOLLOWS:

PREVIOUS BALANCE 417.55 EXPENSES(POSTAGE,MONITORS) - 47.00 NEW RENEWALS
68.00 FREWARE PURCHASES 15.00 SOFTWARE PURCHASES 37.00 RAFFLE 32.00 -----
NEW BALANCE TOTAL 522.55

7:00-7:23 - A WRITTEN SURVEY OF THE MUNCH GROUP WAS CIRCULATED AT THE BEGINNING OF THE MEETING ASKING PERTINENT QUESTIONS REGARDING THE HANDLING OF THE CLUB. THE RESULTS OF THE SURVEY WILL BE ANNOUNCED.

7:23-8:02 - THE MEETING GOT UNDERWAY BY BRUCE WILLARD WITH AN ATTENDANCE OF 31 MEMBERS. THERE WERE NO NEW MEMBERS AT THE MEETING. THE HARDWARE REPORT WAS BRIEF DUE TO BERNIE MILLER'S ABSENCE. HOWEVER, AN UPDATE ON THE NEW 'MYARC' COMPUTER WAS DISCUSSED. THIS COMPUTER WILL HAVE A MEMORY OF 64K VIDEO RAM FOR THE 80 COLUMN DISPLAY AND 256K RAM IN THE CONSOLE. THE UNIT WILL BE EXPANDABLE TO 2 MEGABYTES RAM. THE KEY BOARD WILL BE THE SAME STYLE AS THE IBM WITH A FEW EXCEPTIONS TO THE FUNCTION KEYS. IT WILL LOOK LIKE THE ATARI 90ST MODEL. THE COMPUTER WILL BE ON THE MARKET IN DECEMBER. MORE ON THIS COMPUTER AT THE NEXT MEETING.

THE MAXI MEMORY (GRAM CRACKER) WAS DISCUSSED AS WELL. THIS DEVICE ALLOWS THE USER TO READ THE INFORMATION ON A COMMAND MODULE AND COPY THE INFORMATION ONTO A DISK OR CASSETTE. THIS CAN THEN BE USED INSTEAD OF THE CARTRIDGE. IT PLUGS INTO THE COMMAND MODULE PORT AND IS POWERED BY THE CONSOLE. THE CARTRIDGE THEN PLUGS INTO THE UNIT. THE ADVANTAGE OF THIS IS THAT YOU CAN ACCESS ALL OF THE EXPANSION MEMORY AS WELL AS SAVE WEAR AND TEAR ON THE SLOT. HOWEVER, YOU NEED TO USE THE EXTENDED BASIC MODULE. ALSO NOTE THAT THE CARTRIDGE THAT YOU SAVE USES UP VALUABLE MEMORY SPACE. THE GRAM CRACKER UNFORTUNATELY HAS A HEFTY PRICE TAG THAT FEW WILL PAY. A SUGGESTION TO HAVE THE CLUB BUY ONE WAS MADE. TO ABSORB THE COST, EACH LENDER WOULD PAY A SMALL FEE FOR THE USE TO CONVERT HIS OR HER OWN COMMAND MODULES.

JACK SUGHRUE SPOKE TO THE GROUP RECOMMENDING SOME COMPUTER MAGAZINES WHICH EACH OF US WOULD ENJOY. FROM THE SERIOUS USER TO THE OCCASIONAL GAME PLAYER "THE SMART PROGRAMMER" IS A GOOD CHOICE. IT IS PUBLISHED BY CRAIG MILLER EACH MONTH. IT CONTAINS TIPS ON PROGRAMMING YOUR 99 AND SOME PROGRAMS TO TRY. IF YOU HAVE A SUBSCRIPTION TO A MAGAZINE THAT OTHERS MIGHT ENJOY, PLEASE LET US IN ON IT.

BRUCE WILLARD STRESSED THE IMPORTANCE TO THE CLUB ABOUT ENROLLING NEW MEMBERS. FOR US TO STAY A HEALTHY SIZE, EACH OF US NEEDS TO ADVERTISE TO OTHERS THE GREAT ADVANTAGES OF JOINING OUR USER GROUP. A YELLOW RECRUITING SHEET WHICH WAS MADE FOR US EARLIER FOR DISPLAY, WILL BE USED WITH THE FOLLOWING CORRECTION: CHANGE THE YEAR 1985 TO 1986. IF YOU WOULD LIKE SOME COPIES AND ARE UNABLE TO ATTEND THE MEETINGS, SEND YOUR NAME AND A SELF ADDRESSED ENVELOPE TO BRUCE WILLARD. ALL OF YOUR HELP IS VERY MUCH APPRECIATED. THE VIDEO CONNECTION IS TRYING TO HELP US BY DONATING \$5.00 TO MUNCH FOR EVERY VCR, VIDEO CAMERA, COLOR TV OR STEREO SYSTEM PURCHASED BY A MEMBER OR WHOEVER PRESENTS THE MUNCH SAVINGS CARDS WHICH HAVE BEEN ISSUED. MEETING CONCLUDED.

8:02-9:00 - BRUCE WILLARD INTRODUCED AND DEMONSTRATED A GRAPHICS MODULE CALLED "PAINT PRINT" BY NAVARONE. THIS SOFTWARE WITH THE USE OF THE JOYSTICK, WILL ALLOW YOU TO DRAW A LINE AS THIN AS ONE PIXEL WIDE TO A LINE AS WIDE AS AN INCH. IT ALLOWS YOU TO EXPAND ONE AREA SO THAT YOU CAN SEE THE PIXELS CLEARLY FOR DETAILED WORK. EACH FIGURE DRAWN CAN BE PICKED UP AND MOVED ON THE SCREEN. ANY DRAWING DRAWN CAN BE BOTH SAVED AND PRINTED WITH A COMPATABLE PRINTER (DOT MATRIX). THERE ARE 16 COLORS TO CHOOSE FROM ALONG WITH SOME SPECIAL RAINBOW EFFECTS. A DISK COMES WITH THE THE CARTRIDGE WHICH EXPANDS THE VERSATILITY ALLOWING YOU TO DRAW CIRCLES AS WELL AS OTHER GEOMETRIC FIGURES.

BY: WM CORSON WYMAN

LIBRARY NOTICE

With the increased demand for the newer TI-99/4A related books we must request book loans to be only one month. If you have any books on loan please bring them to the next meeting. If you can't make it to the next meeting please ask a friend to return the book(s). Thanks! This gives everyone a better chance to see one they haven't seen yet.

I.U.N.C.H.

60 LINCOLN STREET

First Class

WORCESTER, MA. 01605

IMPORTANT NOTICE

November meeting will be on November 19, 1985
at University of Massachusetts Medical Center
(Come to the VISITORS entrance and follow the signs for MUNCH...)