```
   *    *    #   #    @     @    %%%     $    $
  ** **    #   #    @@    @    %   %     $    $
  * * *    #   #    @ @   @    %         $    $
  *    *    #   #    @  @ @    %        $$$$$
  *    *    #   #    @   @@    %   %     $    $
  *    *   ###     @     @    %%%     $    $
```

Mass Users of the Ninety nine and Computer Hobbyists

June 1984   MONTHLY NEWSLETTER '   Version 3:6

PRESIDENTS MESSAGE

This month I would like to inform everyone of some changes being made in the format of the monthly meetings. Starting with the July meeting we will be forming more discussion groups and cutting the business meeting short. The business meeting will consist of a short introduction by the president, the treasurers report, old business, new business, and adjournment. The software, hardware, and other committee reports will become discussion groups.
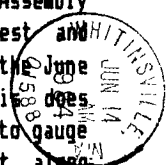
There are a couple of reasons that we thought this would improve our meetings. One is to try to increase interaction between members and promote familiarity within the club. The second is that people who are not interested in a particular subject, such as hardware or reviews, will not have to listen to that particular discussion.

In conjunction with this new arrangement, several new discussion groups will be set up. These will include Hardware, Software, Education, and Telecommunications. These, along with our current groups; Beginers programming, Advanced Programming, Assembly Programming, and Logo, will provide a wide base of interest and interaction between members. There will be sign up sheets at the June meeting to gauge member interest in each of these groups. This does not mean that you are stuck in one particular group, but only to gauge interest in each group. Also discussion of this new arrangement, along with proposals for additional groups, and solicitation for leaders of the new groups will be taken up at the June meeting.

We would also like to have demonstrations of programs written by members of M.U.N.C.H. at future meetings. For information on this, please see me at any meeting.

Well, thats all for now, so Happy Computing !

Steve Neas

MUNCH MEETING MINUTES   May 15, 1984

BUSINESS MEETING 7:30
- New President, Steve Neaz, welcomed 62 people to the
meeting and gave some of his ideas for the club.

- Minutes of the last meeting were accepted as published in
the newsletter.

TREASURY REPORT
- MUNCH has $646 in the treasury. Expenses were, $101 for
the newsletter, $20 for postage.

HARDWARE COMMITTEE
- Ron Nicholas asked members who are looking for hardware to
look in ads for and about computers and you might be able to
find someone to buy from. Also, no schematics. They just
weren't available.

NEWSLETTER COMMITTEE
- Bruce Willard discussed having an editorial staff. More
in the June newsletter. Also, keep the ideas and
contributions coming in.

SOFTWARE COMMITTEE
- Jack Sughrue asked that everyone visit bookstores and ask
for T.I. books. If we don't they will stop carrying them.

LIBRARY COMMITTEE
- Al Cecchini asked that anyone borrowing library materials
please return it at the following monthly meeting.

Activities for the evening included the beginners' group,
the library and the MBX System.

                              Respectfully submitted,

                              Dave Lee, Secretary

RAMBLINGS

by

Jim Cox

OLYMPICS UPDATE

Certificates for the top scores in each game category will
be given out at the next meeting. The Video Connection has
donated games for the overall champions for each age group.

DO YOU HAVE A MODEM?

Greg Brescia, of 192 Oak St., Clinton, wants to get in touch
with a MUNCH member in order to try a computer link-up over
the phone. If you are interested, give Greg a call.

NEW CLUB ADDRESS

The group's new mailing address is 560 Lincoln St.,
Worcester, Ma., 01605. This is the Video Connection's new
store and all T.I. products are now carried at this store.
New hardware and software arrives weekly, check us out!
!!! Remember M.U.N.C.H. members get a 10% discount on all
T.I. and T.I. compatable products. !!!

NAMES AND NUMBERS   (All in 617 area code)

Role	Name	Number
President:	Steve Neaz	—
Vice president:	Ota Jiroutek	852-0835
	John Doon	852-4295
Secretary:	Dave Lee	832-3156
Treasurer:	Jim Cox	869-2704
Editor :	Pete Blackford	892-4946
Hardware Chair:	Ron Nicholas	839-9055
Programs Chair:	Pete Rauktis	799-6035
Library Chair:	Al+Lisa Cecchini	—
Adv. Prog. Chair:	Dan Rogers	248-5502
Mail + messages:	Video Connection	757-9280
Club reviewer:	Jack Sughrue	476-7630

EDITOR'S NOTES

At the last MUNCH meeting it was proposed that we have an Editorial Staff. This was prompted primarily because Bernie Miller had to step down as one of the editors for personal reasons. That left only Peter Blackford to gather data, sort data, typeset the data if necessary, put it into printable format, and deliver it to the printer. For one person that's a monumental task. Even with two people it wasn't an easy job.

Anyway, we now have a staff of seven people. That's right, seven people to receive your copy and ready it for the NEWSLETTER.

Now, we need all of you people out in T.I. land to send us material for the NEWSLETTER. We would prefer it to be 17 cpi and 70 columns wide. However, if you can't provide that then we will take it typewritten, handwritten, etc.

Not sure what to write about? Well then, let me give you some ideas. Anything that might interest another MUNCH member will do. "Like what", you ask? A magazine article or book review is excellent material. A program that you wrote or found that is public domain is another fine example.

There! Now that ought to get the mail flowing. Mail it to any one of the following addresses:

Pete Blackford
P.O. Box 311
Leicester, Ma. 01524

Brian O'Brien, Jr.
Box 12
Fabyan, Conn. 06245

Don Mason
30 Princeton St.
Worcester, Ma. 01610

Mr. + Mrs. Dave Anderson
139 Grove St.
Paxton, Ma. 01612

Bob Doyle
210 Sewall St.
Boylston, Ma. 01505

Bruce Willard
1 Marmion Ave.
Worcester, Ma. 01606

M.U.N.C.H.
c/o Vid. Con.
560 Lincoln St.
Worcester, Ma. 01605

ON THE FASTRACK

COMMENT/QUESTION

I found the requirement to get listings printed in "screen size" columns to be much more difficult than I thougt it would be. My printer (a Gemini 10x) seems to line feed after the 80th character in a line no matter what other commands are given. This seems to happen only in the LIST mode. My only solution was to rewrite the program so no line had more than 80 characters. Does anyone have a way to get around this?

ANSWER: This isn"t documented anywhere, but we called TI awhile ago and found that it's really simple: When you "OPEN" the printer port, the default (automatic) value for the number of columns is 80. To change this, just use something like OPEN #1: "PIO", VARIABLE 132 (or any number of columns you wish). The same applies when using an RS232 OPEN statement. PMB

(for a "screen-size" listing, use VARIABLE 28)

ALARM REVIEW

by JACK SUGHRUE

IT'S FINALLY HAPPENED !!!!!
For two years COMPUTE ! Magazine has been
one of the two main sources in America for T.I.
utility and game programs. Not any more...
This month COMPUTE ! dropped all T.I. pro-
grams. They still ran a short Regena tutorial,
but that was it.
Don't take this quietly ! When our pro-
gram sources dry up, we're all in deep trouble.
WRITE !
WRITE !
WRITE !
Instantly to COMPUTE !
Let them know you're angry and upset and
that you and the other two and one-quarter
MILLION T.I. owners want and need their program
sources.
COMPUTE ! also puts out Regena's reference
guide and three other extraordinary books (T.I.
Games, T.I. Games for Kids, and T.I. Arcade
Games). If the magazine stops doing T.I. pro-
grams, the book department will soon follow.

At our last meeting great concern was
voiced about this tragedy, and it's crazy.
There are more owners of T.I. home com-
puters than there are of ANY other home com-
puter but Commodore.
Yet all these other computers have their
own magazines. (Some have as many as eight
devoted entirely to their single model.)
Of all the large-selling computers in
America, only T.I. does not have it's own
commerical magazine (99er changed to multi-
purpose and UNOFFICIAL 99 died for good last
month). But, until now, we've at least shared
COMPUTE ! on a fairly equal footing with the
others. Is HCM next ???
But as I said, it's crazy. Now that
Infocom and Atarisoft and Parker Bros. and
Aardvark and other huge program companies are

finally making cartridges, disks, and tapes
for the T.I. (not to mention the numerous book
companies), the magazines carrying those com-
panies' ads are dropping us.

We really have to do two things if we want
to keep our investments (in time and money)
growing: support these advertisers by buying
as much as you can afford before these things
start being dropped (early Christmas shopping?);
and by writing many, many, many cards and
letters thanking and pleading. Write to all the
sources presently making things for the T.I.:
hardware, software,books, whatever.
Let our voices be heard BEFORE all the T.I.
stuff is dropped from their inventories or from
the development stages. (We all know nothing
will ever be picked up or developed again.)
This really is a crisis period for the T.I.
Large department stores and chains have
dropped the T.I. stocks entirely. Support those
few that are left (and are carrying the T.I.
cartridge versions of Atarifoft, Parkers,etc.

Another real example: Today I went to the
warehouse/store of New England Mobile Book,
which is the largest wholesale distributor of
hard and paper books to libraries, schools,
stores, etc. in New England. As I pushed around
my shopping cart, I noticed it automatically
headed toward the computer book section. The
section has been enlarged easily three times
since my last visit in the fall. However, what
a blow to discover the T.I. books were REDUCED
by over half. There were 30+ titles in the fall.
Now there are exactly 11 ! And only one was
new to me.
If you have T.I. friends not part of the
user's group, encourage them to write and sup-
port, too.

There is a buying market out there and
there will be for a long time to come. Let
every bookstore and department store and com-
puter store (and anyone else you can think of

locally) know you're very interested in their carrying T.I. products.

And write those letters and cards to the biggies (and smallies) to let them know your feelings. (Starting with COMPUTE ! Magazine !)

At the meeting (because my printer blew up) I'll have some addresses circled and marked in HCM and COMPUTE ! But don't wait! Look through past issues of the M.U.N.C.H. newsletters. In some of my reviews I've described the text or magazine or software and listed the addresses.

COMPUTE! Magazine is the best source for companies like Infocom, Parker Bros.,Aardvark, Atarisoft (which even offers a coupon), and others.

HCM offers the most.

A $3.00 investment in stamped postcards (20 of them) may turn out to be your best investment. Talking to storeowners (free) is certain to be equally as valuable.

If anyone (or everyone) could make as complete a list of all the companies of software, textware, and hardware you can, this would greatly help us all.

Meanwhile, I will try to create as long as list as I can for the next M.U.N.C.H. Issue. But don't wait. It may be too late..............
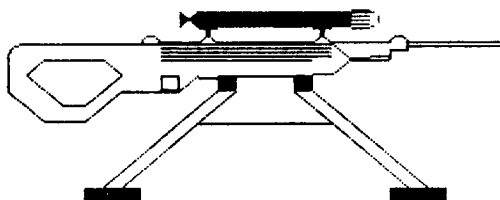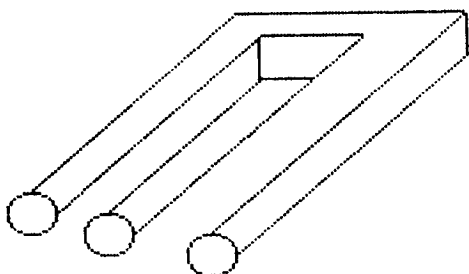
HELP WANTED - PART TIME SALES AND STORE COVERAGE
CALL NANCY FOR MORE INFORMATION.......366-4644

HELP WANTED - LOGO TEACHER NEEDED FOR SUMMER
HOURS. CALL FOR MORE INFORMATION AND SPEAK TO NANCY...............................366-4644

ADVANCED ELECTRONICS
152 MAIN ST.
SPENCER, MA.
886-5083

COMPLETE SUPPORT FOR
T.I. 99/4A USERS.
HARDWARE & SOFTWARE
SCHOOLING & SERVICE

STOP BY AND SEE
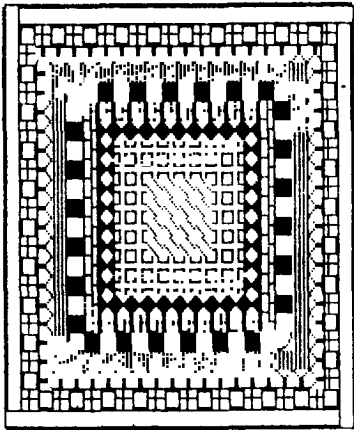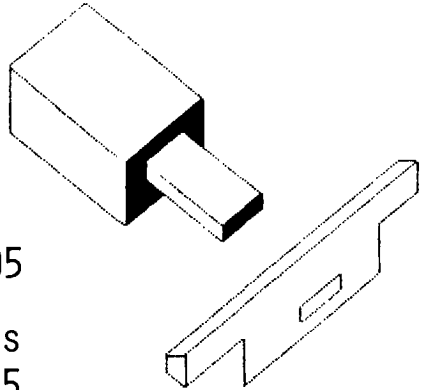OUR BRAND NEW
LINE OF COMPUTER,
VIDEO AND AUDIO
FURNITURE.......

PRINTERS, MONITORS &
PERIPHERALS ALL AVAIL-
ABLE WITH SUPPORT &
INSTRUCTIONS ON THEIR
USE.................

SAMPLE OF GRAPHICS DONE WITH SKETCH IT AND
SCREEN DUMP.............................

NATIONALLY ADVERTISED
SKETCH IT PROGRAM
GRAPHICS PROGRAM
CASSETTE OR DISK...$29.95

SCREEN DUMP FOR GRAPHICS
DISK..............$14.95

AUTO TYPE WORD PROCESSOR
DISK ONLY.........$89.95

SUPERMATH PROGRAM
CASSETTE OR DISK...$34.95
(DESIGNED FOR STUDENTS &
ENGINEERS)

NOTICE

BRING POSTCARDS TO JUNE 19 MEETING!

Jack Sughrue will have a list of Computer Publications etc. whom we want to convince to keep or increase their coverage of TI Hardware or Software.

Bring as many "penny" postcards as you can with your message to the publishers on them. You can address them at the meeting and we will mail them for you.

We want to "snow" them with requests so we need everybody to cooperate! One possible format might be:

"Gentlemen:
As one of over 2,000,000 owners of the Texas Instruments 99/4a computer, I wish to appeal to you to increase your coverage of both hardware and software for that system.
I know that other firms are carrying on where TI left off, and so we want to have continuing information on them.
Sincerely,"

Be sure to put your own variations in so that they won't look like a form letter, and be sure to give your name and address.

With enough push we can keep things going during this transition period.

$ $ $ $ MEGABUCKS CONTEST RESULTS $ $ $ $ $ $ $ $ $

We are happy to report that there was a very gratifying response to the programming challenge proposed last month. The two best programs each produce the desired results in only seven lines of code, but use different methods to prevent duplicate numbers. Both are reproduced herein. Don Mason included a discussion of the thought process he used in arriving at his solution, and Tony Falco found an equally compact and slightly more sophisticated answer.

```
5 REM ### TONY FALCO ** 393-6391
10 RANDOMIZE
20 FOR I=1 TO 6
30 X=INT(36*RND)+1
40 IF (X=A(1))+(X=A(2))+(X=A(3))
+(X=A(4))+(X=A(5))THEN 30
50 A(I)=X
60 PRINT X;
70 NEXT I
```



```
**** MEGABUCKS COMPUTERIZED NUMBERS
              DONALD MASON

1 FOR K=1 TO 6                    (OPENS LOOP FOR 6 NUMBERS)
2 A(K)=INT(36*RND)+1              (SUBSCRIPT VARIABLE ARRAY CALLED A)
3 FOR J=1 TO K-1                  (OPENS LOOP TO COMPARE NUMBERS)
4 IF A(K)=A(J)THEN 2              (CHECKS NO.S IF EQUAL GETS ANOTHER)
5 NEXT J                          (CLOSES LOOP)
6 NEXT K                          (CLOSES LOOP)
7 PRINT A(1);A(2);A(3);A(4);A(5);A(6) (PRINT VARIABLE ARRAY ON THE SCREEN)
```
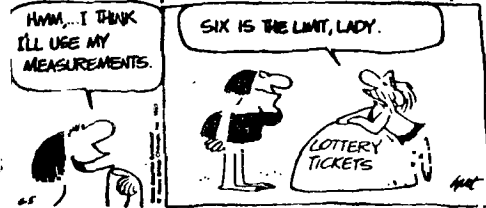
Seeing the program only has to run once the Randomize statement doesn't have to be included. A DIMention statement can be excluded as well,becuase this is a small program (NOT WISE - FOR TROUBLESHOTING A PROGRAM). And in the PRINT statement of array a loop would of been neater. Also a time delay at the end of program to restart program is a nice extra to have.
   The computer must know how big an array is for two reasons. First,there is a question of how much space to save in memory to hold the array. Next the computer must know the size of the array in order to carry out aritmetic operations properly. Actually, for small arrays, BASIC automatically saves space. In a one-dimemsional array BASIC automatically sets up space for ten elements(option base 1)or eleven elements(option base 0)

Both John Norgren and Don Mason submitted more complicated programs as well. John's program sorts the numbers in the correct order, and Don's adds to this the ability to key in the number of different sets of numbers (tickets) you wish to generate. Due to space limitations, these will be available at the next meeting in listing form, and maybe even on a future MUNCH tape.   PMB

* *

If you have Mem-Expansion Mini-Memory of the Editor Assembler cartridge you can CALL LOAD(-31888,63,255) to shut down ALL of your Disk Drive Files * (same as CALL FILES(0) which is not allowed as a command) and type in NEW or edit your program to open up memory space. The easiest way to turn your * Disk Drives back on is to type in BYE.

CALL LOAD(-31888,55,215) and then RUN, NEW, of editing your program in * Extended BASIC with Mem - Expansion will also turn your Drives back on. It is possible to use these CALL LOAD'S in your programs if you have Memory * - Expansion, but they have not been fully tested so make sure that you have backups before you RUN the program or you may lose it! NOTE : Any disk ac- * cesses with Drives shut down will lock your computer and you will have to shut it off and back on to regain control.

* *

Here's one for those of you who have BASIC and would like to know the * SIZE of a program, type in: 1 MM=MM+8 next 2 GOSUB 1 then RUN the program. You'll get a **MEMORY FULL IN 1** after that type PRINT MM . This has the * effect of calling statement 1 again and again, adding 8 to MM on each call. Each call requires another 8 bytes of memory to stack the return address. * Thus, this routine evenually uses up memory and stops. Be aware that when your program executes, it can use more memory than needed just to store the * program. Place the statements in the program where they will be executed during the heaviest use of memory.

* *

ESCAPE FROM WIZARD'S KEEP   *
~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Good news for all who have been looking to ESCAPE FROM WIZARD'S KEEP * - Here is a sure-fire solution: S-W-S-W-N-N-E-S-S-E-E-N-E-E-S- SAY ROCK. also if you get into the room with no exit,you really get trapped. Instead * of a chance to play again, you got * SYNTAX ERROR IN 970 . Line 970 should read: 970 CALL COLOR(13,1,1)   *

GRISLY ADVENTURE   *
~~~~~~~~~~~~~~~~~~

Theres a BUG in the program. Line 2850 should reads as follows:
2850 IF (I<>G) + (P<>F)THEN 2880   *
As written, it is impossible to kill the bear by shooting either right or left. the only way to kill the bear is to shoot it from above or below.   *

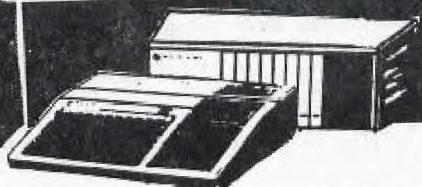DATA ERRORS   *
~~~~~~~~~~~~~~

If you key in a program and go to RUN it and come up with * DATA ERROR IN ____ line. Which you find is a READ STATEMENT,all that has to be done to * isolate the mistake is to change the READ --,--,ect. to PRINT --,--,ect. as so as the MESSAGE APPEARS and it will tell you the last value that it READ * correctly.

* *

If you have the Editor / Assembler, the Editor that loads and runs with this module is one of the best windowed 80 column under $40 word processors * you can buy. It will do FIND, REPLACE, MOVE, INSERT, COPY, SHOW, DELETE and it has user setable Tabs. It won't right justify your type but it is very * easy to use, what you see is what you get. The files can be saved to Disk as either DISPLAY FIXED 80 or DISPLAY VARIABLE 80 and they can be easily * OPENed and written to or read from in Basic and Extended Basic. The DIS/VAR 80 files are SEQUENTIAL and the DIS/FIX 80 files are RELATIVE type files. * With interaction like this between Extended Basic and Assembly Language source code or word processed text and or DATA there are quite a few inter- * esting possibilities. Note: To SAVE thru I/O Parallel Port type in PIO.

* *

YOU PROBABLY ALREADY KNOW THIS, BUT YOU
DON'T HAVE TO TYPE IN THE BLANK SPACES BE-
FORE AND AFTER THE :: IN MULTIPLE STATE-
MENTS IN EXTENDED BASIC. JUST RUN EVERYTHING
TOGETHER 100 CALL CLEAR::RANDOMIZE::FOR D=
1 TO 100::NEXT D AND THE COMPUTER WILL
SEPARATE IT FOR YOU, SHOVING STATEMENTS IN-
TO ADDITIONAL LINES IF NECESSARY.

OUT OF MEMORY

HAPPY HACKIN'

JIM PETERSON

AUGMENTED AUTO PROGRAM BOOTER
by Tony Falco

The program that follows is an edited version of the Guaranteed Auto Program Booter that appeared in the March newsletter. I have found this to be the most useful program in my library. By merely typing "RUN 'DSK1.LOAD'" (or whatever name you chose to give it) you can catalog and run any EXTENDED BASIC program on your disk. By saving it under the name "LOAD" the program will run automatically whenever the disk drive is on and you pick the EXTENDED BASIC option. Change END and STOP in your programs to RUN "DSK1.LOAD" and you will return to the menu of programs on your disk.

The original version would run up to 20 programs. The augmented version will run up to 40. For over 20 programs the menu is in two columns, and the second column does print over the column which shows the number of sectors that the the programs use, but this seemed a small loss against the gain of 20 additional programs. I have also added an option to catalog the listing to a printer. Then you can slip the listing into the disk's envelope (or tape it on the outside). These added features did increase the size of the program. It now uses 8 sectors. For a printer set up other than parallel, change the "PIO" in line 27 to whatever is needed for your system.

```
1 CALL CHARSET :: CALL CLEAR
 :: CALL SCREEN(15):: OPTION
 BASE 1 :: DIM PG$(40)
2 OPEN #1:"DSK1.",INPUT ,REL
ATIVE,INTERNAL ::' INPUT #1:N
$,A,B,C :: R,D=0
3 DISPLAY AT(1,1):"MENU: DIS
K=";N$;"USED:";A-C;" FREE:";
C :: FOR X=1 TO 40
4 R=R+1 :: IF R<128 THEN INP
UT #1:P$,A,B,C ELSE 8
5 IF LEN(P$)=0 THEN CLOSE #1
 :: GOTO 9 ELSE IF ABS(A)<>5
 THEN 4
6 V=X+3-4*(X>20):: J=1-14*(X
>20):: Q=64+X :: L=LEN(P$)
7 DISPLAY AT(V,J)SIZE(18):"[
";CHR$(Q);"]";" ";P$;RPT$("
",10-L)&" -"&STR$(B)
8 D=D+1 :: PG$(D)=P$ :: NEXT
 X
9 B$="[LETTER]=RUN--1=DELETE
--2=EXIT--0=PRINT--"
10 DISPLAY AT(24,1):SEG$(B$,
1,28)
11 B$=SEG$(B$,2,43)&SEG$(B$,
1,1):: CALL KEY(0,K,S)
12 IF S=0 OR K<48 OR(K>50 AN
D K<65)OR K>104 THEN 10 ELSE
 IF K=48 THEN 27
13 IF K>50 THEN 22 ELSE IF K
>49 THEN 21
14 DISPLAY AT(24,1):"WHICH P
ROGRAM ?" :: CALL KEY(0,K,S)
15 IF S=0 THEN 14 ELSE IF K<
65 OR K>104 THEN 12 ELSE IF
LEN(PG$(K-64))=0 THEN 12
16 DISPLAY AT(9,11-INT(LEN.P
G$(K-64))/2))ERASE ALL:"DELE
TE:";PG$(K-64);
17 DISPLAY AT(12,4):"ARE YOU
 SURE? (Y/N) N"
18 ACCEPT AT(12,24)SIZE(-1)V
ALIDATE("YN"):BEEP:Z$
19 IF Z$="Y" THEN DELETE "DS
K1."&PG$(K-64)ELSE 1
20 GOTO 1
21 END
22 IF LEN(PG$(K-64))=0 THEN
12 ELSE DISPLAY AT(24,1):"RU
N ";PG$(K-64)
23 CALL INIT :: CALL PEEK(-3
1952,A,B):: CALL PEEK(A*256+
B-65574,A,B)
24 C=A*256+B-65534 :: A$="DS
K1."&PG$(K-64):: CALL LOAD(C
,LEN(A$)):: V=LEN(A$)
25 FOR I=1 TO V :: CALL LOAD
(C+I,ASC(SEG$(A$,I,1))):: NE
XT I :: CALL LOAD C+I,0)
26 GOTO 36
27 OPEN #1:"DSK1.",INPUT ,RE
LATIVE,INTERNAL :: OPEN #4:"
PIO"
28 PRINT #4:CHR$(15);CHR$(27
);"0"
29 IMAGE [#] ########## -##
30 INPUT #1:N$,A,A,C :: PRIN
T #4:"DISK MENU: DISK=";N$;"
USED:";A-C;"FREE:";C; :
31 R,D=0 :: FOR X=1 TO 40
32 R=R+1 :: IF R<128 THEN IN
PUT #1:P$,A,B,C ELSE 35
33 IF LEN(P$)=0 THEN 35 ELSE
 IF ABS(A)<>5 THEN 32
34 PRINT #4,USING 29:CHR$(64
+X),P$,B :: D=D+1 :: PG$(D)=
P$ :: NEXT X
35 PRINT #4 :: PRINT #4 :: P
RINT #4 :: CLOSE #4 :: CLOSE
 #1 :: GOTO 1
36 RUN "DSK1.1234567890"
```

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   "   "

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

LIBRARY NOTICE:

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

AGENDA -- JUNE 19, 1984

7:00 - 7:30 Registration of New Members
             Open Demonstrations
             Software Exchange

7:30 - 8:00 Business Meeting
                Approval of Minutes
                Treasurer's Report
                Committee Reports:
                     Hardware
                     Library
                     Newsletter
                     Membership
                     Software
                Old Business:
                     Location for meetings
                     Newsletter
                     Patition
                New Business:
                     Announcements
                     New meeting format
                     Sign up sheets
                     Adjournment

8:00 - 9:00 DISCUSSION GROUPS
                Beginners Group - Pete Rauktis
                APSIG - Dan Rogers
                LOGO Group
                Software Exchange

CALL FOR CONSOLES

Here we are again, asking (begging and pleading even) for
consoles for the upcoming meeting. Actually, we have been
doing pretty well for the past few meetings, but we still
need your help! If you would like to volunteer the use of
your console and power supply, please call RON NICHOLAS
either at home 679-0055 or at work 955-7075, and Thank You!

Join M.U.N.C.H. Today

MEMBERSHIP BENEFITS

MONTHLY NEWSLETTER - Members may place classified
ads at no charge.

MONTHLY MEETING - New product and program demos.
Special interest groups for beginning, intermed-
iate and advanced programmers; education, games
and Logo. Members may sell or swap hardware, soft-
ware etc.

LENDING LIBRARY - Books, magazines and programs
available to members on a monthly basis.

PROGRAM LIBRARY - A growing number of member writ-
ten and public domain programs are available to copy.

SUPPORT AND HELP - Our group has a number of talent-
ed people who can help solve your problems.

10% DISCOUNT - This discount applies to all TI
compatable software bought at the Video Connection,
Webster Square Plaza, Worcester. Valid membership
card must be presented at time of purchase.
****

If you would like to join, or renew your membership
please send a check for the appropriate amount to:

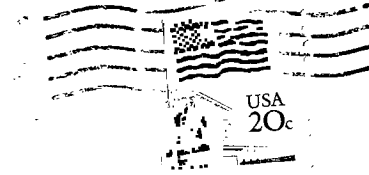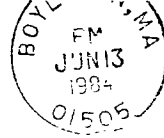M.U.N.C.H.   1241 Main St.   Worcester, Ma. 01603

NAME_____

ADDRESS_____

CITY/ZIP_____

Annual dues $12.00, new member initiation fee $10.00.
New membership total $22.00.   Renewal $12.00 1 year.

M. U. N. C. H.
1241 MAIN STREET
WORCESTER, MA. 01603

M.U.N.C.H.
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588 LINCOLN ST.
WORCESTER.MA.01605

USA
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1984

T Edmonton Users Group
PO Box 11983
Edmonton, Alberta Canada T5J-3LI

CANADA T5J-3LI

IMPORTANT NOTICE
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JUNE MEETING   JUNE 19TH AT 7:30 PM