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

Mass Users of the Ninety nine and Computer Hobbyists

August 1986   Monthly Newsletter   Version 5.8

THE MEETING THIS MONTH HAD SOME SURPRISES. FOR ONE, WE HAD THE NEW COMPUTER
TO SHOW AND THE NEW HORIZONS RAM DISK. BRUCE WILLARD GOT THIS MONTH'S MEETING
UNDER WAY. IT TOOK PLACE SOONER THAN PLANNED BECAUSE THERE WERE SOME PROBLEMS
WITH THE DEMO. BECAUSE THE CLUB COMPUTER SYSTEM WAS NOT THERE, WE HAD TO
SCRAMBLE LIKE CRAZY TO GET ONE TO DEMO GENEVE AND THE RAM DISK. THANKS TO DON
MASON WE ACQUIRED ONE.

THE MEETING STARTED WITH MINUTES BEING APPROVED AND TREASURER'S REPORT BEING
READ BY JIM COX. THE REPORT IS AS FOLLOWS:

INCOME FOR JULY

```
RAFFLE----------------------------- 12.00
RENEWAL DUES----------------------- 15.00
BLANK DISKS SALES------------------  2.00
T-SHIRT SALES---------------------- 8.00
99 UNITED FAIR WALTHAM-----------205.00
```

EXPENSES FOR JULY

```
LIBRARY EXPENSES------------------- 5.00
MONITOR RENTAL-------------------- 25.00
POSTAGE--------------------------- 22.00
NEWSLETTER PRINTING--------------- 50.00


CHECK BOOK BALANCE TOTAL--------620.00
```

THIS MONTH WE RAFFLED OFF A CHOICE OF EITHER A TEN PACK OF OMNI DISKETTS OR A
DOZEN C-30 CASSETTES, WHICH EVER THE WINNER WANTED. AND THE WINNER, OF ALL
PEOPLE, WAS JIM COX.

JIM COX HAD SOMETHING MORE TO ADD. ONE OF THE USER GROUPS IN COLORADO HAD
CRAIG MILLER VISIT THEIR MEETING TO DO A DEMONSTRATION OF HIS DISK ASSEMBLER,
NIGHT MISSION, THE GRAMKRACKER, AND SOME OF THEIR OTHER PRODUCTS THAT MILLERS
GRAPHICS MAKES. THE ENTIRE DEMO WAS VIDEO TAPED IN VHS FORMAT AND WE
PURCHASED A COPY OF IT. NEXT MONTH THE FIRST HALF OF THE TWO HOUR TAPE WILL
BE SHOWN AND THE FOLLOWING MONTH THE OTHER.

NEW BUSINESS: ASGARD SOFTWARE IS WORKING IN THE COMPUTER USER GROUPS FAVOR.
AS A PUBLIC SERVICE TO USER GROUPS, SOME 48 PICTURES IN ALL STORED IN THE
GRAPHX FORMAT, MAY BE DISTRIBUTED THROUGH THE USER GROUPS AT WILL. THESE WERE
GRAPHICS THAT WERE CREATED ON OTHER COMPUTERS IN THE R.L.E. FORMAT ON
COMPUSERVE FOR PUBLIC DISTRIBUTION. ASGARD SOFTWARE SPENT A LARGE AMOUNT OF
TIME AND MONEY DOWN LOADING THESE PICTURES AND CONVERTING THEM FROM AN ASCII

TO A GRAPHX FORMAT WHERE THEY CAN BE READLY ENJOYED. ONLY 99/4A USERS GROUPS
AND ASSOCIATIONS MAY OBTAIN THESE WORKS FOR DISTRIBUTION TO THEIR MEMBERS BY
SIMPLY SENDING TO ASGARD SOFTWARE A CHECK FOR TWO DOLLARS TO COVER RETURN
POSTAGE AND EIGHT INITALIZED SINGLE SIDED-SINGLE DENSITY DISKS. THIS OFFER IS
NOT FOR INDIVIDUALS LIKE THE PUBLIC DOMAIN SOFTWARE. THIS IS DUE TO THE
REPRODUCTION PROBLEMS THAT ASGARD WOULD FACE. THIS IS COMING FROM CHRIS
BOBBIT PRESIDENT OF ASGARD SOFTWARE. THIS MEETING WAS ALL IN FAVER OF GETTING
IT.
YOU MAY HAVE NOTICED THAT THE NEWS LETTER PRINTING IN SOME PLACES AS BEEN
RUNNING A BIT LIGHT. THIS IS NOT DUE TO AN OLD RIBBON IN THE PRINTER BUT THE
PRINTING ITSELF. THE PRINTER AS BEEN TOLD AND HOPEFULLY THIS WILL NOT BE A
PROBLEM IN THE FUTURE. IF FOR SOME REASON YOU ARE UNABLE TO READ ANY PORTION
OF THE NEWSLETTER BECAUSE OF THE PRINTING, PLEASE CONTACT BRUCE WILLARD. HE
HAS THE ORIGINAL PASTE-UP.

PETER HODDIE SPOKE ABOUT ABOUT THE NEW COMPUTER, GENEVE, FROM MYARC INC.
WHICH I HAD BROUGHT WITH ME AT THE MEETING TO DEMONSTRATE. IT IS ONE OF 20
BOARDS PRESENTLY MADE. THIS COMPUTER WAS NUMBER FOUR. THERE ARE TWO WITH
PAUL CHARLTON, ONE WITH LOU PHILLIPS, ONE IN CANADA, THAT ROB GREEN IS
WRITING SOFTWARE FOR, AND TWO OR THREE OTHERS ACROSS THE COUNTRY PRESENTLY
BEING USED FOR OTHER REASONS. NOT ALL OF THESE COMPUTER BOARDS HAVE BEEN
STUFFED AS YET BECAUSE OF SOME REDESIGNING OF THE BOARDS. ALL TWENTY ARE
TRULY EXPERIMENTAL BUT ARE VERY OPERATIONAL. WE ARE VERY PRIVILEDGED TO HAVE
IT IN OUR POSESSION. THE INTENT OF HAVING IT HERE TO SHOW WAS NOT THE ONLY
REASON. PETER HODDIE IS WRITING SOME OF THE OPERATING SOFTWARE. I AM DOING
WHATEVER I CAN TO MAKE IT AS EASY AS POSSIBLE FOR A FASTER GROWTH ON THE NEW
GENEVE. WE DID HAVE SOME PROBLEMS AS EXPECTED IN TRYING TO GET IT TO WORK.
THIS COMPUTER AT THE TIME COULD ONLY WORK ON THE MYARC DISK CONTROLER AND
THERE WASN'T ONE AROUND TO BE FOUND. THATS NOT TO SAY THAT IT ISN'T
COMPATIBLE. THERE IS A REGISTER THAT WE NEEDED TO ADD TO THE BUSS TO MAKE IT
WORK ON ALL OF THE OTHER TYPES, BUT SINCE I RECEIVED IT THAT AFTERNOON, I
WAS UNAWARE THERE WAS A PROBLEM.

THE BASIC FEATURES ARE 640K OF MEMORY, 512K OF PROGRAM MEMORY WHICH CAN BE
EXPANDED ON THE MOTHER BOARD TO 1MEG, AND 128K OF VIDEO MEMORY EXPANDABLE ON
THE MOTHER BOARD TO 196K. THE GRAPHICS IS AS GOOD IF NOT BETTER THAN THE
OMEGA AND THE ATARI ST. THE SPEED IS ALSO EQUAL OR FASTER THAN BOTH AS WELL.
THE COMPUTER WILL SUPORT THE SPEECH SYNTHESIZER AND ALL OF THE OTHER TI
COMPATIBLE CARDS WITH THE EXCEPTION OF THE 32K CARD. ON THE BACK OF THE
COMPUTER CARD THERE ARE PORTS FOR A MOUSE, JOYSTICK, RF MODULATOR, IBM
KEYBOARD, AND A PORT FOR AN RGB MONITOR. THE OPERATING SYSTEM OF THE COMPUTER
IS WRITTEN ON AN EPROM ON THE MOTHER BOARD. IF YOU COULD ALTER THE CHIP IT
COULD EMULATE AN IBM, ATARI, COMMADOR, OR THE OMEGA. BUT I DON'T KNOW YET
THAT THIS IS WHAT'S IN STORE FOR IT IN THE FUTURE. I AM SURE THAT WE WILL
FIND OUT MORE ABOUT THIS BY THE NEXT MEETING.

PETER HELD HIS FIRST ASSEMBLY LANGUAGE CLASS JULY 9TH. THE SECOND WAS ON THE
23RD. IT MEETS AT THE HOME OF JOYCE CORKER FROM THE MAGNETIC USER GROUP IN
LEXINGTON MA. IT MAY BE A VERY SLOW MOVING COURSE, BUT IT IS COMPREHENSIVE.
THERE IS STILL TIME TO JOIN THE CLASS. CALL PETER HODDIE AT 861-8733 IN
LEXINGTON FOR DETAILS.

WE WILL HAVE SOME VERY SPECIAL THINGS SHOW AT THE MEETING NEXT TIME LIKE A
WORKING COMPUTER, A WORKING HORIZONS RAM DISK, AND ALSO AN IBM TYPE KEY BOARD
FOR THE 99/4A COMPUTER.

CORSON, SECRETARY

AGENDA for August 19, 1986

7:00 - 8:00 Open Demonstrations
             New Member Registration
             Software Exchange (members only)
             Special Interest Group meetings
                Basic Programming -- as required
                Assembly Language -- by Dan Rogers
                Kids Corner -- with (to be announced)
                Video Tape Demonstration of The Gram
                Kracker by Craig Miller of Miller's
                Graphics and also live demonstration
                of the Gram Kracker

8:00 - 8:20 Raffle
             Business Meeting:
             Approval of Minutes
             Treasurers Report
             Committee Reports
             Old Business
             New Business
             Announcements

8:20 - 9:30 CONTINUATION of:
                Special Interest Group Meetings
                and Open Demonstrations and Discussion

             Plan for September meeting:

                Other half of Gram Kracker video tape
                   With Craig Miller including Explorer
                   and other software applications.
             Continuation of other SIG's

RAMBLINGS
by
JIM COX

The Group has obtained a tape of Craig Miller, of Miller's Graphics fame, demonstrating some of his products. This month, August, we will show the Gramcracker portion of the tape; and next month, September, we will show Night Mission, Diskassembler and Explorer. The Gramcracker demo runs a little over an hour and I hope to start it by 7:15, so come early. The tape will also be available through the club library. The tape is VHS format.

****

RAFFLE

The club has obtained four replacement keyboards for the computer. We will raffle these keyboards this month and for the next three months. Remember, you must be present to enter and win the raffle. The winner will have the option of selecting some software.

****

FOR SALE: TI 99 4/A computer with extended basic and other software cartridges. If you are interested please call Joe Potter at 892-8070 (Leicester).

****

Please enter my subscription to the M.U.N.C.H. newsletter, enclosed is $10.00

Please send me ___ bumper stickers at $1.75 each

NAME _____

ADDRESS _____

CITY_____ STATE_____ ZIP _____

SOFTWARE/TEXTWARE REVIEWS
by JACK SUGHRUE

It's always exciting to learn that a new bit of textware has come out for the TI. It's even better to discover that the textware is good.

Thus, I have great news for you: *COMPUTE!'s TI COLLECTION Volume Two*. This book goes a lot farther than other COMPUTE! books (all of which are very good). There are dozens of programs to type in, as always, but this book teaches applications and techniques; it teaches about what is inside the machine and how to manage memory; it even teaches how to begin assembly language programming with a couple good programs. The tutorials, whether you are a beginner or not, are intelligently and clearly written. And, for the first time, COMPUTE! is offering the whole book on disk for those who don't want to do all the typing ($14.95 including shipping and handling from TI Collection Vol 2 Disk, COMPUTE! Publications, PO Box 5038, FDR Station, New York, NY 10150 :: the book is $14.95 also but can be picked up or ordered locally - mine gotten from The Open Book, Westboro).

Like all of this company's books, they are ring bound (to lie wonderfully, openly flat), printed in large, clear type in a 6x9 format. The bindings are separate so the title can go on the spine for easy library access. The programs are all done in 10-unit increments and are preceeded by detailed line-by-line function descriptions, both of which I find incredibly useful for learning for typing and for debugging. A short essay describing how the program works starts each section. The authors and editors really put together a class act on these COMPUTE! books, though I'm still angry at the magazine for dropping us TI owners in Limbo. I no longer subscribe. These articles, tutorials, and programs are not from the magazine. They are totally new, though some of them are TI versions of excellent programs originally made for the Commodore, Apple, IBM, and Atari.

Some of the programs include a very useful spreadsheet called MitiCalc; a Sketchpad that is really a picture construction kit of more than a hundred redefined character blocks using SHIFTed, CTRL, and FCTN keys; a simple word processor which is ideal for notes and memos and operates (rather quickly, surprisingly, out of BASIC or XB, no disk-drive or expanded memory necessary; a good (but slow) screen dump; demonstration program to show how the Input/Output of your joystick port works; a program which lets you understand a little about artificial intelligence (which I thought was really frustratingly wonderful); record-blocking program with an excellent tutorial.

There are some programs that get you into graphic design and character definition; programs that are educational and fun; programs in assembly.

But fun for the joy of it is also a big part of this book. Games include Labyrinth, Spitfire, BOG'L, Speed Demon, Blackjack, Flood Waters, Macro/Micro Maze, and Mad Hatter Ladder.

Labyrinth is a five-story, 125 room, hotel-like maze. You have to find the one escape door and you have to do it quickly.

Spitfire puts you in the cockpit with the mission to stop the incoming enemy bombers from blowing up your country.

BOG'L is like Boggle, the Parker Brothers game. This is really well done. You'll love it, if you are into word games.

Speed Demon is a 3-D car racing game. Arcadelike. Operated very quickly from the arrow keys.

Blackjack allows one or two players and is a good simulation of the casino game.

Flood Waters is weird. A giant faucet opens up in the sky. A pair of dice rolls. A red ball starts descending. You must act FAST to prevent drowning.

Macro/Micro Maze is sort of a cross between Star Wars and Cat and Mouse with a bit of Dragon thrown in. It really offers a challenge (meaning that you get frustrated a lot at first, but you can succeed by lots of persistence and intelligence).

Mad Hatter Ladder has a Donkey Kong flavor with a little coocoo thrown in. You have to help the hatter leap buzz saws and avoid flames as he works his way up the odd stairs through the four stories (levels) of his mad home.

If any of you have been aching to sink your teeth into another great TI book from COMPUTE!, this is just what the doctor ordered. Well worth the price (even the disk price).

‡‡‡‡‡‡‡‡‡‡‡‡‡‡‡

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 "text ware" as much as you have !!!   THANK YOU !!

RANDOM BYTES
‡‡

WANTED: Upgrades on 1984 TI Tax Plan put out
             by Aardvark Software (now owned by McGraw Hill).
             Write to Al Cecchini at the MUNCH Group address.

             Looking for used 300 Baud Modem, acoustic
             coupler or direct connect. Contact Brad Clark
             at 617-886-2188.

‡‡

PRESIDENT'S MESSAGE

The tour at OMNI Resources will be on August 23rd at 10:00 in the morning. Right now the tour is full. If you aren't on the list, and want to go, check with me a few days before the tour to see if anyone dropped out at the last minute. I know this will be lots of fun for all who attend.

If anyone has an idea for another place for an outing, let me know. It's always nice to get the group together on new turf.

It's that time of the year again, election preparation time. At the August meeting we must form a nominating committee to assist in the election process. It will be the committee's responsibility to put together a slate of officers to vote on at the October meeting. The offices to be filled are President, Vice President, Secretary, and Treasurer. The nominating committee can nominate members, members can nominate other members, or you can nominate yourself.

Please try to give all selections to the committee by the September meeting so we can announce the candidates.

I'm sorry, but I will not be able to run for office again this time. The change in my work schedule along with other personal priorities changing, doesn't allow me enough time, and at the required times, to do the President's job effectively. However, I will continue to add to the newsletter on a regular basis and will also be able to run tutorials and demos at the monthly meetings. There is definately no lack of interest on my part, just lack of time.

I have been using PR-BASE for my data base management system. If any of you would like me to run a demo and tutorial on how to use this fast searching and fast sorting program, please let me know at the next meeting. Since we have the Millers Graphics video this month and next, it would give me the time necessary to set up the tutorial and demo properly. This is just one of the very fine fairware programs available to you through our library.

In the book Jack Sughrue reviews this month, "COMPUTE!'s TI Collection Volume Two", there is a program called "AI with TI". This program and its explanation of operation show how artificial intelligence really works on a small scale. Texas Instruments has been working with artificial intelligence for some time now. Hope to get this program typed in for a future demo and explanation. It's quite the thing.

Hope to see you at the August meeting.

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

THIS PROGRAM WILL DISPLAY THE MONTH TO MONTH PAYMENTS ON A LOAN.
IT WILL RUN IN TI-BASIC. A COPY OF THIS PRGRAM IS IN THE LIBRARY.
THE LIBRARY VERSION GIVES YOU A PRINTER OPTION FOR A REPORT.

"MORTGAGER"

```
100 REM  REWRITTEN BY CORSON WYMAN    JULY 7,1986
130 CALL CLEAR
140 PRINT TAB(4);"AMORTIZATION SCHEDULE";;"--------------------------";::::::
150 PRINT "    ENTER AMOUNT BORROWED";:
160 INPUT T
170 CALL CLEAR
180 PRINT TAB(6);"ENTER NUMBER OF";::TAB(6);"MONTHLY PAYMENTS";:
190 INPUT N
200 CALL CLEAR
210 PRINT "ENTER INTEREST RATE (%)";:
220 INPUT I1
230 I=I1/1200
240 P=T*(I/(1-(1+I)^-N))
250 P=INT(P*100+.0005)/100
260 CALL CLEAR
270 PRINT "*******************************";:
280 PRINT "BORROWED AMOUNT $";T;:
290 PRINT "ANNUAL INTEREST RATE";I1;"%";:
300 PRINT "COMPOUNDED 12X PER YEAR";:
310 PRINT "MONTHLY PAYMENT: $ ";P;:
320 PRINT "*******************************";:::
330 PRINT "ENTER (R)EDO"
340 PRINT "FOR THE YEARLY CALCULATIONS"
350 INPUT "PRESS ENTER TO CONTINUE.  ":H$
360 IF H$="R" THEN 130
380 CALL CLEAR
390 PRINT TAB(4);"BEGIN";TAB(13);"INTR";TAB(21);"PRIN"
400 PRINT "YR";TAB(4);"AMOUNT";TAB(13);"PYMT";TAB(21);"PYMT"
410 PRINT "-- ------";TAB(13);"----";TAB(21);"----"
420 FOR J=1 TO N/12+1
430 PRINT "YEAR>";J
440 FOR K=1 TO 12
450 T1=INT((T*I+.0005)*100)/100
460 T2=INT((P-T1)*100+.0005)/100
470 IF T<0 THEN 510
480 IF T1<0 THEN 510
490 PRINT K;T;TAB(14);T1;TAB(21);T2;:
500 T=T-T2
510 NEXT K
520 PRINT
530 INPUT "PRESS ENTER TO CONTINUE...":H$
540 NEXT J
550 INPUT "REDO (Y/N)":ANS$
560 IF ANS$="Y" THEN 130
570 END
```

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.

****

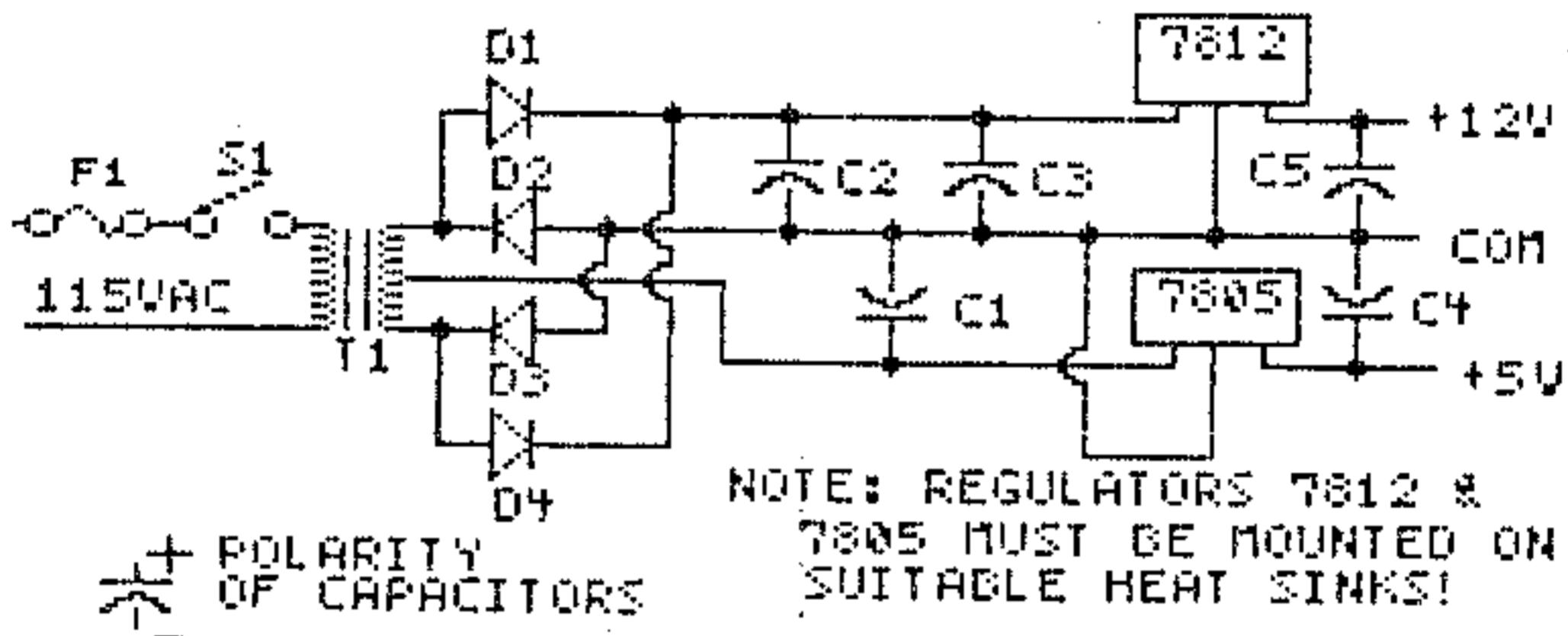This article came from the May 1986 issue of The SNUGLETter, Southern Nevada Users Group.

EXTERNAL DISK DRIVE POWER SUPPLY by Ken Gladyszewski - Cleveland Users Group

When I bought a case and power supply for an external disk drive, I was amazed at how simple and uncomplicated the power supply was. I present the circuit and parts list here for those wanting to build their own, because they already have most of the parts. These parts are expensive and total $21 (without a recommended on-off switch and fuse.) Better and less expensive complete power supplies or these same parts can be puchased from a surplus house by mail. Sheet metal enclosures can be obtained similarly. Any power suply with 12 volts DC at 1.0 Amps min, and 5 volts at 0.5 Amps min. should power most any single full height drive (But not all - Editor.)

The following is a list of the parts with Radio Shack's part numbers and prices.

	QTY	DESCRIPTION	PART NO.	COST
T1	1	TRANSFORMER 18V CT at 2.0A	273-1515	$6.99
C1,C2,C3	3	CAPACITOR 2200 microfarad at 35V	272-1020	$2.49 EA

C4,C5	2	CAPACITOR	272-1016	.79 EA
		100 microfarad at 35V		
D1-D4	4	3 AMP BARREL	276-1143	2/$.89
		DIODE 1N5402		
7805	1	5V FIXED	276-1770	$1.59
		REGULATOR 7805		
7812	1	12V FIXED	276-1771	$1.59
		REGULATOR 7812		
F1	1	FUSE		
S1	1	SWITCH		

FUNLPLUS!

Jack Sughrue has developed a 720-sector flippy called *FUNLPLUS!* which he will be releasing on the Fairware market in October. The disk contains programs, templates, new codes, tutorials, reviews, and such things as banners, calendars, minidumps, Pig-Latin writers, labelmakers, active cataloguers, etc. Things you never dreamed possible on one SSSD diskette of 38 total files!

This disk gives all the docs necessary to create this user-friendly environment within the *FUNLWRITER/DW1000* structure, distributed as a bonus on this new PD flippy disk.

This whole fully-documented and fully-debugged environment can be had by sending $8.00 to Jack Sughrue, Box 459, East Douglas, MA 01516. The disk and mailer will be paid for by Sughrue. Or see Sughrue at the meeting where members may receive the above for $7 in August only.

****

" _ _ _ RAFFLE _ _ _ RAFFLE _ _ _ "

The July raffle was won by Jim Cox and consisted of a ten-pack of Omni disks. The raffle for August will be a choice between a spare TI keyboard or casette software.

Your M.U.N.C.H. officers have found a void in the Worcester area in the lack of a TI Bulletin Board System. We are presently putting efforts forth, in research and Sysop training, to bring a high quality, quick response BBS to the Worcester area.

Why am I telling you all this in the RAFFLE column? Because the Group had donated to it, by Wm. Corson Wyman, a 300 baud modem and cable, strictly for the raffle. Lets crowd the meeting room so we can raffle off the modem. It will be brought out as an extra item for the winner's choice ONLY if we have a large enough turnout to make it worth while.

The raffle is open to all who attend. The drawing will be held just prior to the business meeting. Remember:

YOU MUST BE PRESENT TO WIN

Bruce Willard, Pres.

NEWSLETTER STAFF

Don Mason
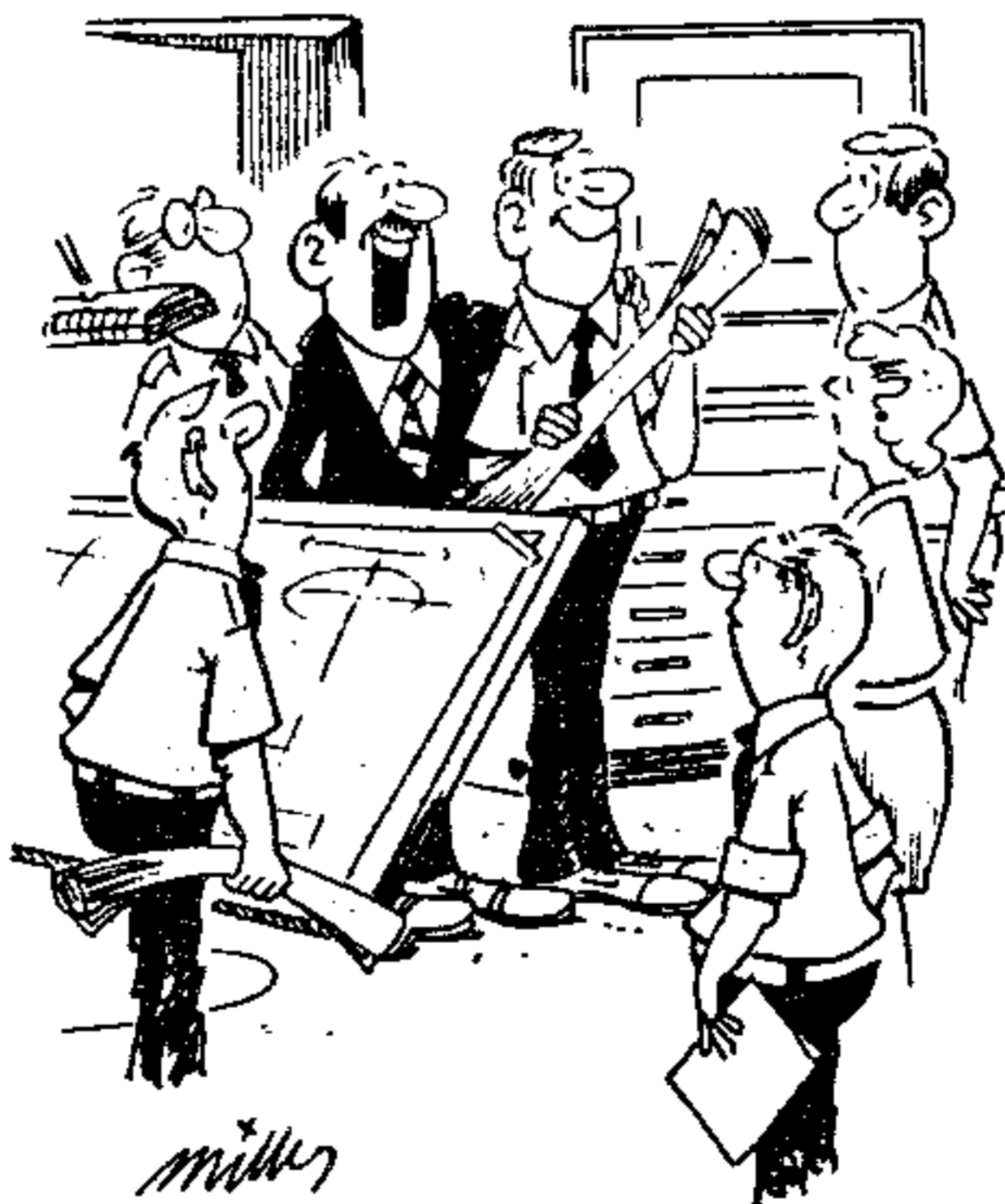30 Princeton St.
Worcester, Ma.   01610

Bruce Willard
1 Marmion Ave.
Worcester, Ma.   01606

Bob Doyle
210 Sewall St.
Boylston, Ma.   01505

M.U.N.C.H.
P.O. Box 7193
560 Lincoln St.
Worcester, Ma.   01605

Jim Murphy
21 Annisquam St.
Worcester, Ma. 01602

Brad Clark
Paddock Road
Rutland, Ma. 01543

"Let's hear it for Ed Frimly . . . Ed's designed a system that will replace this entire engineering department!"
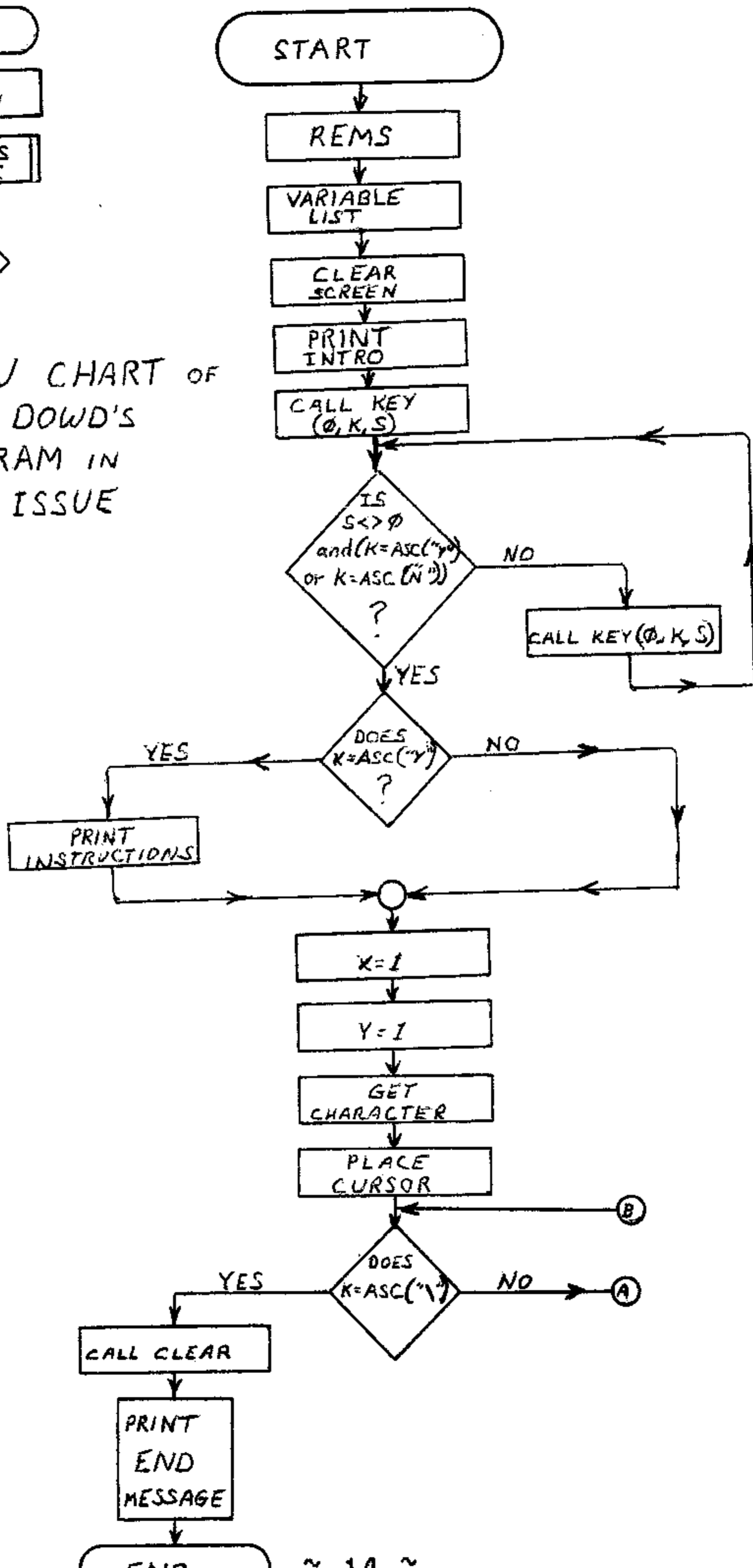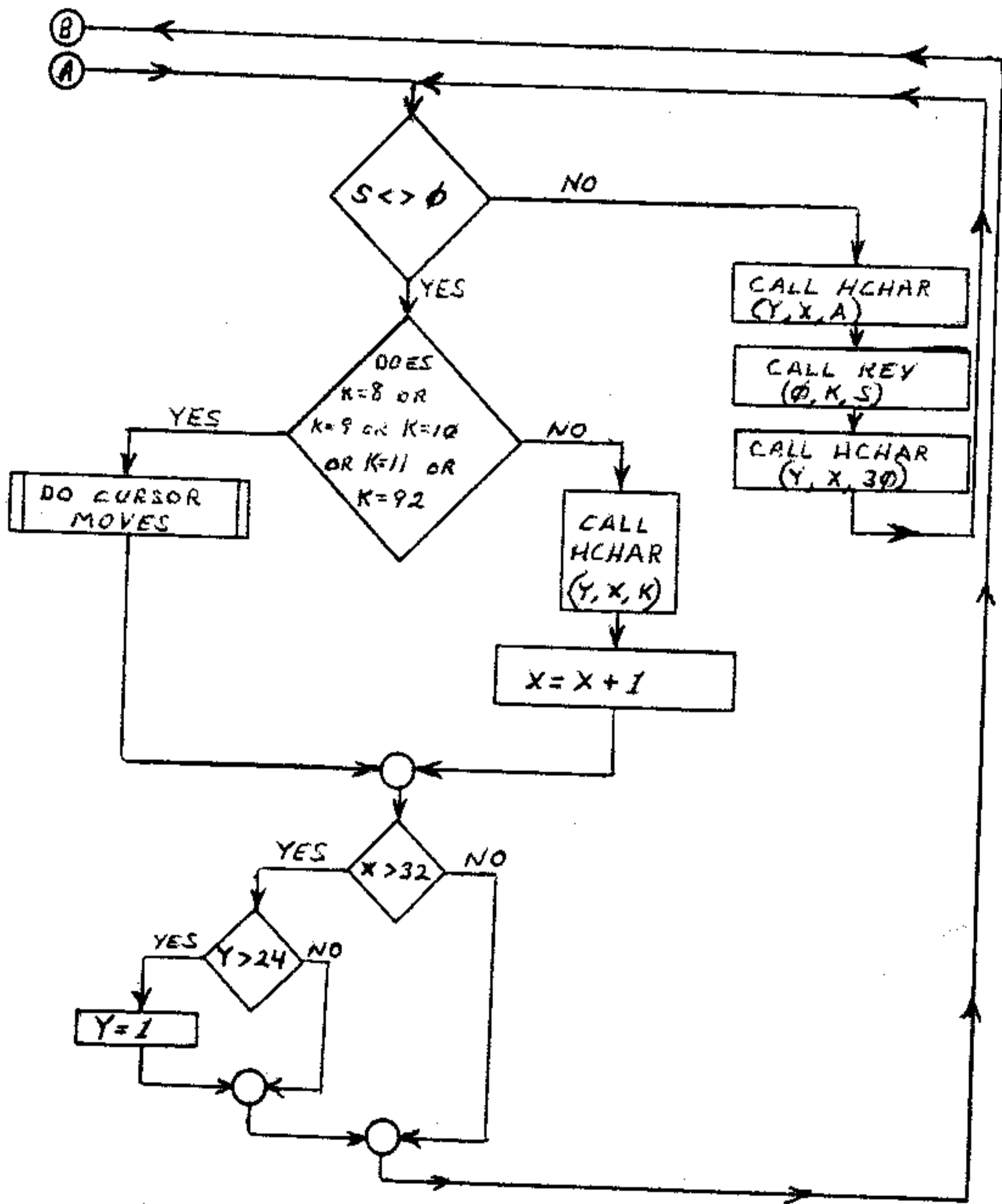
Legend

- **START/END**
- INSTRUCTION
- DESIGNATES A ROUTINE
- IF THEN ELSE

FLOW CHART OF JOHN DOWD'S PROGRAM IN JULY ISSUE

Flowchart

START

↓

REMS

↓

VARIABLE LIST

↓

CLEAR SCREEN

↓

PRINT INTRO

↓

CALL KEY (Ø, K, S)

↓

IS S<>Ø and (K=ASC("Y") or K=ASC("N")) ?

- NO → **CALL KEY (Ø, K, S)** → (loop back)
- YES ↓

DOES K=ASC("Y") ?

- YES → **PRINT INSTRUCTIONS**
- NO →

↓ (merge point ○)

X = 1

↓

Y = 1

↓

GET CHARACTER

↓

PLACE CURSOR

← (B)

↓

DOES K=ASC("\") ?

- YES → **CALL CLEAR** → **PRINT END MESSAGE** → (END)
- NO → (A)

~ 14 ~

M.U.N.C.H.

P.O. Box 7193

560 LINCOLN STREET

WORCESTER, MA. 01605

First Class

****
IMPORTANT NOTICE
****

August meeting will be on August 19, 1986
at University of Massachusetts Medical Center
(Come to the VISITORS entrance and follow the signs for MUNCH....)