ALPHA

MICRO

USERS

SOCIETY

Newsletter

VOL 2   NO 4   APRIL, 1979

FROM THE PRESIDENT
    The most important news is the 4th West Coast Computer
Faire. AMUS has arranged for two rooms, #306 and 308 right
in the convention center. We will be holding an advanced
A/M seminar in one (Bob Currier) and a novice seminar in
the other (Steve Elliott and myself) on Friday, May 11.
    Room 306 will be available on Saturday and Sunday for
demonstrations IF someone in the Bay area will loan us a
system. Preferably a hawk. Please call Sharon Greene at
(303) 449-6917 to let her know if you could supply a system
or if you would like to use the system for demonstration
purposes.
    Room 308 is being scheduled for discussions on
Saturday and Sunday.
    The main attraction will be an open forum discussion
between Alpha Micro and all dealers and OEM's. AMDEAL will
also be included. This will surely be your best chance to
voice your opinions and ask questions. This session starts
at 9AM Saturday. Len Backus and Patrice Martinez will be
there.
    Those members who are currently on the board of
directors should note that we will get together at 12:30
Saturday.
    The general meeting for AMUS will be scheduled into
one of the regular meeting rooms by the "Faire" people and
should be at 5:00PM Saturday. Everyone is welcome to
attend this meeting. We will ask for nominations from the
floor for officers and directors for the following year and
will then publish a ballot in the next newsletter which
you may vote on.
    AMUS membership is currently at about 430.
    We should know more about the potential for a
communication network by the time of the Faire.
    If you plan to attend the one day seminar on Friday,
please call Sharon or just send your $35.
    The Boulder area is having a terrible time with Persci
floppies. Once, all 13 drives were out of commission at
the same time. If a significant number of other users are
having problems let me know and we will see if we can put
some pressure on Persci.
    Remember - if you have questions about membership,
dues, reprints, software, etc. - call Sharon.
    We had a lot of trouble hooking up the AM-400 board as
a peripheral to a hawk system, but now that we have, what a
beautiful system. All that storage and the flexibility of
a cartridge too. You must disable the phantom and the prom
by removing chip Z29 and bending out pin #5 on Z32. After
the system is booted from the hawk, type TRIINI (or
include it in your SYSTEM.INI. You may need to shut both
tridents off line in order to get a status of 0 from the
TRIINI command.

BAUD
Gary DeCamp has 4 systems that he claims the baud rate on one of the terminals is getting changed without being told to do so. Anyone else hear of this?

FLOCK
Dick Starr in Hamburg, Iowa had problems with the 5.0 option. It was determined that this option will create a "Device does not exist" error if the record number is zero. Otherwise it works OK. Record number zero can be acccessed as logical record number one by using FILBAS=1. Terry Flander of Longmont Colorado also had problems with FLOCK leaving one que block in use. We do not think FLOCK is fixed on 4.1. It will not work well with the business package.

VUE with ADM-3
ALPHAVUE will work much better on the ADM-3 if you disable the Auto NL feature.

NEW PRODUCTS
Alpha Micro will be bringing out some new products in June. They will be shown at the NCC in New York.

COPY on TRIDENTS T25
The new 4.0 COPY.PRG does not work well on the trident system. There is a 4 block discrepancy in the size of the bitmap as seen between COPY and DSKANA.

A/M ACCOUNTING PACKAGE 1.1
In the Payroll Employee input program, the xcalls to input social security number and zip code have the wrong number of input charactors. You must remember to put in your state sales tax in the OE billing program. Check out the calculation of amount due in the case where the entire amount was prepaid. You may be off 1 or 2 cents due to scaling.

THE MAY MEETINGS
The may meetings will include seminars on Friday, May 11th, Discussions and demonstrations Saturday during the day, and a general meeting Saturday evening. AMUS has rented two rooms at the Convention Center for these meetings and demonstrations. If you have an activity that you need space for, please contact Sharon Greene at (303) 449-6917. There are still times available on Saturday and Sunday.

WE DO NEED A BRAVE SOUL who is willing to bring a system to the Faire and allow it to be used for demonstrations of software. The system should have a CRT, printer, and at least 64K of memory. Please contact us if you would be

willing to help.

THERE WILL BE A CHARGE of $35.00 to attend either of the Friday seminars, all other activities will be free and open to the public.

BOARD OF DIRECTORS MEETING
A Board of Directors meeting will be held Saturday afternoon. Be sure to check in if you are a member of the board, or have some business that you would like to present to the board.

SCHEDULE OF EVENTS

	Room 306		Room 308	

Room 306   **Room 308**

Friday, May 11

Room 306	Time	Room 308
Beginners Seminar Led by Jim Taylor & Steve Elliott of AMUS	9:00 AM	Advanced Seminar Led by Bob Currier of Alpha Micro
Break for lunch	Noon	Break for lunch
Beginners Seminar Continued	1:00 PM	Advanced Seminar Continued
Seminar ends	5:00 PM	Seminar ends

	Saturday, May 12	
Demonstrations of Software	9:00 AM	Alpha Micro, AMDEAL, Dealers, and OEM's meet for general discussion
Sign up for times at the Faire		
Break for lunch	Noon	Break for lunch
Demonstrations of Software	1:00 PM	Board of Directors Meeting
	3:00 PM	Discussion of the Alpha Micro as a language learning tool led by John Hamlet
	5:00 PM	General Users Meeting
	6:00 PM	Meeting ends

April 1, 1979

Mr. J Taylor
AMUS

Dear Jim:

I enjoyed talking to you the other day - and although I am not sure what
to say, the West Coast Faire is probably a good place to discuss the
possible use of the computer for language learning. So I would like to
ask you to print a notice that I am going to organize a panel on that
subject. Anyone interested in participating should drop me a line.
As for scheduling the time, leave that open if you can, though Saturday
would be my preference.

Areas to be covered:

1. Dictionary files

2. I/O requirements for foreign alphabets

3. Vocabulary testing

4. Pattern practice

5. Self-evaluation

6. Machine translation

I will try to line up three speakers so if anyone has some ideas on
this and wants to give a short talk, I want to hear from him/her;
we should make arrangements to meet a while before the session to
get our act together.

I think this would be good for about one hour.

That's all on that for now. What is happening on the AMUS diskettes
I ordered 2 months ago?

Ypurs truly,

John Hamlet

AMDEAL INC

4059 roosevelt way ne   seattle, wa. 98105

marketing seminar
may 14 & 15

We are pleased to announce the first AMDEAL seminar. The title is: "Marketing For Profits"

Please look over the enclosed agenda, and if you wish to attend, let me know right away as attendance is going to be limited by room space. For those of you planning to attend who notify us, we will be sending you a packet with the room rates, flight schedules, etc. We will handle the reservations with the hotel/motel for you.

I hope you will attend, please complete the seminar questionaire, whether you plan to attend or not. Thanks.

Regards,

Dale Horn, President

206 632-5080   dealers for   alpha micro

AMDEAL SEMINAR

"MARKETING FOR PROFITS"

May 14-15   Los Angeles (Irvine)

Two day seminar cost is $75.00 per
company (limit 2 persons per company,
$45.00 each additional person.

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Agenda:

1. "Lets get acquainted"

2. AMDEAL, Goals and Structure

3. Marketing: Marketing for Profits...
    A. Todays Market - Tommorrows Market
    B. Our place in the Market
    C. Alpha Micro's place in the Market
        1. Retail Computer Stores
        2. Systems Houses
        3. Specialty Markets

4. Software:
    A. Alpha Micro and 1.0
    B. Cross Licensing
        1. Advantages
        2. Pitfalls
        3. Realizing profit to both parties

5. Dealerships
    A. Running a profitable dealership
    B. The "Law of Leverage"

6. Profit:
    A. Are you missing "HIDDEN" profits?
    B. Do you really know your net?
    C. What about the IRS and profit?
    D. Are you the "Cobbler's Son"?

7. Alpha Micro's future and yours as presented
    by Alpha Micro.

8. Alpha Micro's future and yours as presented
    by AMDEAL, Inc.

Included in seminar: Lunch 2-days
                      Hospitality Room - Tuesday Evening

dealers for ✳ **alpha micro**

PETER C MURPHY
3418 BISHOP STREET
CINCINNATI, OHIO 45243
513-751-6893

MARCH 30, 1979

DEAR JIM:

    THANKS FOR THE CALL! DON'T TAKE MY ABRUPT TERMINATION OF
IT AS AN INDICATION OF ANY LACK OF INTEREST ON MY PART IN YOUR
ENDEAVOR. I AM ENTHUSIASTIC ABOUT YOUR USER GROUP AND ITS
GOAL OF FUNNELLING AMUS INFO. AT THE TIME YOU CALLED HOWEVER,
AND THAT MUST HAVE BEEN A MONTH AGO BY NOW, THE THREAT OF A
HEATLESS NIGHT IN TWENTY DEGREE WEATHER OVERSHADOWED.

    YOU EXPRESSED AN INTEREST IN MY SOFTWARE DEVELOPMENTS. I
REGRET TO WRITE THAT I HAVE NOT, AS YET, FINISHED THAT
CONSTRUCTION ESTIMATING PACKAGE THAT I WROTE ABOUT IN MY FIRST
LETTER. IT APPEARS THAT IN ADDITION TO SACRIFICING MY EYES TO
THE CATHODE RAY TUBE I AM ALSO GOING TO HAVE TO THROW IN MY HEART
AND SOUL TO COMPLETE THIS PROJECT. JUDGING FROM YOUR STATIONARY
YOU ARE AWARE OF THE PROBLEMS THAT I AM ENCOUNTERING. THE LITTLE,
'IF YOUR A SOFTWARE DEVELOPER - YOU NEED HELP', DIDDIE ON YOUR
ENVELOPE HIT HOME. I AM A SOFTWARE DEVELOPER AND LORD DO I NEED
HELP; BUT I WILL FINISH THIS DAMN ESTIMATING PACKAGE. I HAVE
APPENDED A BRIEF DESCRIPTION OF IT TO THIS LETTER AND I WILL FORWARD
DETAILED DOCUMENTATION WHEN IT IS (STARTED AND) COMPLETED!

    I RECOGNIZE THAT THE ONLY WAY TO MAKE THIS WORK PROFITABLE IS
TO GET REPEAT SALES. I CONTRACTED TO DESIGN THE ESTIMATING SYSTEM FOR
A FIXED PRICE AND I WILL BE WITHIN PENNIES OF THE MINIMUM WAGE BEFORE IT
IS DONE. MARKETING, THEN, PLAYS AN IMPORTANT ROLE IN GENERATING A
PROFIT IN THIS BUSINESS AND THE TYPICAL UPer's NATURAL AVERSION TO THE
TASK CONSTITUTES ONE OF HIS SOREST NEEDS FOR ASSISTANCE. I AM ASSUMING
THAT YOU ARE LOOKING TO OFFER THAT ASSISTANCE SO . . . "VIVA AMUS USERS
GROOP! AND LISTEN BUDDY, AH, WHAT KINDA SOFTWARE DO YOU GOT"? I AM
VERY ANXIOUS TO ENTER MY PACKAGE INTO YOUR SOFTWARE LIBRARY (ASSUMING
ALOT HERE); BUT FOR NOW MY IMMEDIATE NEEDS ARE TO BORROW FROM IT.
I KEEP TABS ON ANOTHER AM SOFTWARE DEVELOPER IN TOWN AND I HAVE
APPENDED A LIST OF THE SOFTWARE PACKAGES THAT WE ARE CURRENTLY WORKING
ON AND WOULD CONSIDER MARKETING THROUGH YOU AS WELL AS A LIST OF OUR

UPCOMMING PROJECTS.   IF YOU KNOW OF SOFTWARE WHICH ADDRESSES THESE
LATTER NEEDS WE WOULD GLADLY CONSIDER IT FOR MODIFICATION.   BY 'CONSIDER
FOR MODIFICATION' I DO NOT MEAN THAT WE WILL SEND $3,000 IN THE MAIL
IN THE HOPES THAT THE GUTS BEHIND A HALF PAGE DESCRIPTION OF A JOB
COSTING SYSTEM WILL STAND UP TO OUR SPECIFIC APPLICATION.   I DO HOPE
THAT WE CAN BRING THE MARKETING OF AMUS SOFTWARE BEYOND THIS PRESENT
JUNCTION.   AT THE MINUMUM MORE COMPREHENSIVE TECHNICAL AND NON TECHNICAL
DESCRIPTIONS OF THE PRODUCTS SHOULD BE OFFERED.   I LOOK FORWARD TO
TACKLING THE DOCUMENTATION AND MARKETING OF MY SYSTEM, EVEN THOUGH
IT IS A BIT OF A UNIQUE BIRD, AND I WOULD APPRECIATE ANY TIPS THAT YOU
CAN OFFER.   I'M LOOKING FORWARD TO HEARING FROM YOU AGAIN JIM.
KEEP UP THE GOOD WORK!

                              SINCERELY:

MECHANICAL CONTRACTOR'S BID ESTIMATING SYSTEM

REQUIREMENT - THIS PACKAGE IS BEING DEVELOPED FOR A PIPING, HEATING,
AND AIR CONDITIONING CONCERN THAT HAS GROSS SALES OF 5 MILLION
DOLLARS. THE COMPANY EMPLOYES 5 PROJECT MANAGERS WHO DIVIDE THEIR
TIME EQUALLY BETWEEN COORDINATING ONGOING JOBS AND 'TAKING OFF'
DETAILED PART AND LABOR COST ESTIMATES FROM BLUE PRINT SPECIFICATIONS
OF PROSPECTIVE JOBS. THESE PART AND LABOR COST ESTIMATES ARE USED
TO PREPARE BIDS FOR THESE PROSPECTIVE JOBS. ONLY ABOUT TEN PERCENT
OF THE JOBS THAT ARE BIDDED ON ARE AWARDED TO MY CLIENT. THE
PROJECT MANAGERS ARE HIGH PAID INDIVIDUALS WHOSE WORK IS CRITICAL
TO THE PROFITABILITY OF THIS CONCERN. THEY MUST BID JOBS PROFITABLY
AND COMPETITIVELY AND THEY MUST PROFITABLY MANAGE THOSE JOBS WHICH
ARE AWARDED. THE GOAL OF THIS SYSTEM IS TO MINIMIZE THE CLERICAL WORK
ASSOCIATED WITH BID PREPERATIONS.

BRIEF DESCRIPTION - THIS IS A STAND ALONE SYSTEM. A SEPERATE FILE OF
ESTIMATION ACTIVITY IS ESTABLISHED FOR EACH JOB AND IT IS MAINTAINED
FOR AS LONG AS IT TAKES TO BID THE JOB - WHICH MAY BE SEVERAL MONTHS.
THIS IS A MULTI USER SYSTEM DESIGNED TO PERMIT SEVERAL USERS TO
ESTIMATE DIFFERENT JOBS AT THE SAME TIME. THE SYSTEM CAN BE OPERATED
WITH A MINIMUM OF TECHNICAL KNOWLEDGE. AN INTERMEDIATE OPERATING
SYSTEM IS SUPPLIED WHICH COORDINATES ALL PRINTING, FORCES THE BACK UP
OF BOTH THE DISKS IN THE DUAL FLOPPY SYSTEM AFTER EACH RUN, AND CHECKS
FLOPPY DISK ID FILES TO ENSURE THE PROPER VERSIONS OF THE 10 ROTATING
DISK SETS THAT ARE ESTABLISHED FOR EACH DRIVE ARE MOUNTED AT THE
BEGINNING OF EACH RUN AND COPIED TO AT THE END OF EACH RUN.

CONFIGURATION - 144K ALPHA MICRO COMPUTER, 1 DUAL WANCO DRIVE, 5 SOROC
IQ 120s, 1 DEC LA36

THICKER DESCRIPTION -
INPUT - THE ESTIMATES ARE 'TAKEN OFF' FROM BLUE PRINTS. THE STANDARD
ESTIMATION INPUT IS COMPRISED OF THREE INFORMATION ELEMENTS.
A CODE TO IDENTIFY THE MATERIAL, e.g. '01' IS PIPE;
A DIMENTION - 1 INCH OR 12 INCH ETC
AND A QUANTITY

PROCESSING - THE SYSTEM MAINTAINS ONE LARGE FILE OF PRICE AND LABOR
FACTORS PER UNIT OF MEASURE FOR EACH ITEM THAT IS ESTIMATED.
ONE ITEM IS 'COPPER PIPE', ANOTHER IS 'STAINLESS STEEL PIPE -
ANOTHER 'BRONZE XTRA HEAVY VALVE' ETC. THE SYSTEM THEN ALLOWS
FOR SEPERATE PRICE AND LABOR FACTORS FOR A RANGE OF 23 SEPERATE
DIMENTIONS WITHIN THAT ITEM. ALMOST ALL THE MATERIALS THAT THIS
CONCERN WORKS WITH SPAN DIMENTIONS (PIPES, ELBOS, VALVES ETC).
WHEN AN ESTIMATION ELEMENT IS ENTERED THE PRICE AND LABOR
FACTORS ASSOCIATED WITH IT ARE ACCESSED FROM THE CONSTANT FILE.
THEN A SEPERATE RECORD OF THE ITEM, DIMENTION, QUANTITY, AND
PRICE AND LABOR FACTORS IS WRITTEN TO THE PARTICULAR JOB'S
ESTIMATION FILE. IT MIGHT TAKE TEN SITTINGS OR SESSIONS WITH
THE COMPUTER TO ESTIMATE ONE JOB. EACH SESSION GENERATES A
SEPERATE DETAIL ESTIMATION FILE. THIS FILE CAN BE REPORTED ON
AND VERIFIED. UPON ACCEPTANCE IT IS THEN DUMPED INTO A SUMMARY

LEVEL FILE OF THE JOB'S ESTIMATION ACTIVITY. IF 1/2 INCH
COPPER PIPE APPEARED TEN TIMES ON TEN DIFFERENT PAGES OF A
PLAN THEN TEN DIFFERENT 'DETAIL SESSION ESTIMATION RECORDS'
WOULD HAVE BEEN GENERATED. IN THE JOB'S SUMMARY LEVEL FILE
ONE 'SUMMARY LEVEL ESTIMATION RECORD' WOULD CANTAIN THE RESULTS
OF THE TEN DETAIL RECORDS. THE DETAIL FILES AFFORD A SOURCE OF
DETAILED ESTIMATION VERIFICATION BY SESSION WHILE THE SUMMARY
FILE PROVIDES ALL THE DATA NECESSARY TO PRODUCE THE FINAL
ESTIMATION REPORT.

REPORTING - THE OUTPUT OF THE SYSTEM IS A DETAILED REPORT OF THE
ESTIMATIONS OF EACH JOB. EACH JOB'S SEPERATE FILE OF ESTIMATION
ACTIVITY IS USED TO PRODUCE ITS BID REPORT. INDIVIDUAL
ESTIMATION ELEMENT COSTS ARE SUMMED ACCRUSS LIKE DIMENTIONS
WITHIN ITEMS AND SUMMARY FIGURES ARE GROOPED ON THE REPORT
BY DIMENTIONS WITHIN ITEM AND ITEMS WITHIN CATAGORY. STANDARD
COSTS ARE ALSO SUMMED ACCORDING TO SUPPLIER INFO SO THAT
QUANTITY DISCOUNTS CAN BE APPLIED.

INTRODUCTION TO CTCS

The Contract Task Control System (CTCS) was designed
expressly for organizing and controling project costing, and
for consolidating and reporting cost/schedule variances.

CTCS impacts the project cost estimating phase in a
very positive way. By mandating the use of logical project
planning for data input, CTCS starts off well where it
counts the most - right at the beginning. To properly
utilize CTCS, the user must prepare a Work Breakdown
Structure (see Appendix A for W.B.S. considerations) showing
all of the major areas of effort included in your project.
By forceing task assignments to procede in an orderly
fashion, the risk of forgetting that important task can be
reduced.

Depending upon the size of the project, one or more
persons team to identify all tasks within each W.B.S.
catagory, and input the task descriptions and expenditures
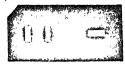into the CTCS data base.

Included in CTCS is a base-rate-of-pay table program
that allows the forecast of labor tasks in terms of
man-hours, with dollar amount calculation done automatically
according to department. Both man-hour and dollar amount
figures are stored for every month for every project task.
Non-labor tasks (raw materials, purchased parts, outside
processing, freight, etc.) are also accomodated.

The Forecast Expenditures Report is suitable for use as
a "bid sheet" or price backup for formal contract proposals.
Costs are reported by task, by W.B.S. catagory, and by
resource (or department code). This report is available for
any project month, quarter, or for the entire project.

CTCS follows through beyond the proposal phase and
becomes the source for consolidated reports on the actual
progress of your project. The Actual Expenses Report notes
task expenses in terms of man-hours and dollars for the
current month, in terms of man-hours and dollars (used and
remaining) for cumulative-to-date, and in terms of man-hours
and dollars for at- completion.

CTCS project files are limited in size only by the
amount of disk space avaliable. Multiple projects, coded by
sales order number, are fully supported on the same disk.

western computing

AMUS
Sharon Greene
P. O. Box 1723
Boulder, Colorado   80306

Dear Sharon:

In regard to the ADM3.TDV and 2.0 VUE being incompatable. If the driver
is modified by changing the 7th line from the end.

old: BMI   EOL9   ; IF PAST END OF LINE IGNORE

new: BLE   EOL9   ; IF AT OR PAST END OF LINE IGNORE

The clear to end of line will almost work and the runaway problem will
be fixed.

Don't forget to reassemble and copy the PRG to DSK0:1,6, then rename it
with TDV extension. Last but not least boot the system to test it.

A bug in vue is encountered when you try to VUE a file not in your PPN
ie: program in 50,1 and you are logged into 40,1. Vue will load and
allow you to edit the file until you finish, at that time you get:

        UNRECOVERABLE IO ERR #20
        MEMORY IMAGE STORED IN MEM:IMAGE.VUE

The book says you can save the edited file by SAVE MEM:IMAGE.VUE in your
PPN. What the book does not tell you is that in order to make any use
of the file you must use EDIT and delete the first 10 characters first.

   ie: SAVE MEM:IMAGE.VUE   (save the memory file to disk)
            EDIT IMAGE.VUE   (edit the saved file with EDIT)
            *10D$$ (delete the first 10 characters)
            *E$$ (put back the fixed file)
            VUE IMAGE.VUE   (re-edit using VUE to put back
                                       line-feeds and carrage-returns)
            (tell vue to finish)

The people at AlphaMicro told me about this one, and it works.

Sincerely,

E. L. Templeton, II
Western Computing

BYTE SHOP OF RENO
CYBER SENSE, INC.

CROSSROADS CENTER
4104 S. KIETZKE LANE
RENO, NV. 89502
(702) 826-8080

Two Diskettes are available from the Byte Shop of Reno.
All programs come with complete documentation in the form of HELP
files. Source code is provided for all programs on Diskette #1.

Diskette #1 contains a package of general utility programs.
The utility disk may be purchased for $35.00

Diskette #2 contains a generalized menu system. This system
allows programs to be interfaced through a hierarchial menu tree which
can easily be extended and edited. Modifications to existing programs
is trivial. The Menu System may be purchased for $85.00

Programs on Diskette #1:

BASIC language:

AUTO   Allows automatic line-numbering for BASIC programs.

CMPALL Allows 'wild card' compilation of basic programs.

IF   A conditional statement processor which allows the
        user to control the flow of procedure files.
        An example: .RUN IF FILE ABC.BAS THEN COMPIL ABC
        The file ABC will be compiled only if it exists.

RENUM   A program which will renumber a basic program.
        The renumbering can take place on specific sections if
        desired.

RESEQ   A BASIC programs resequencer. Same as RENUM, but allows
        imbedded line numbers.

BASIC subroutines:

CHAIN   Chain allows the user to chain to a command file directly
        by passing it a string of commands. This allows the user
        to pass arguments.

CLINE   Cline will fetch the command line into a string. This is
        very useful in production programs which require arguments.
        Allows you to type things like: .RUN PROG ARG1,ARG2.

BYTE SHOP™ OF RENO
CYBER SENSE, INC.

CROSSROADS CENTER
4104 S. KIETZKE LANE
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(702) 826- 8080

COMBLK Comblk is a general common block routine which allows
common blocks to be stored in memory when chaining to
other programs. It is similar to the alphaMicro COMMON
subroutine, but it allows any number and size of common
blocks. Common blocks may be stored in the system area also.

DATCNV A generalized date conversion routine. It allows dates to
be stored in just two bytes. DATCNV will check for date
legality (i.e. 2/29/77 is illegal) and is valid from
1/1/1900 through 6/7/2079.

DSKRD/DSKWRT
Two Routines to read and write directly to a block-
structured device.

EKOSET Set/Reset your terminal's echo within a program

GETCH   Gets a character from the keyboard without the necessity
of pressing return.

NXTPAR Allows easy extraction of parameters from a string. It
is used with the CLINE subroutine to extract arguments.

PAUSE   Allows the job to delay for a specified amount of time.

PRTERR Prints an error message and waits for return from keyboard.

PUTIN   Allows the user to force characters into his own input
string.

RGETCH Allows real-time entry of characters from keyboard.
Returns null of no keys pressed, but returns a character
when one has been entered.

TRIM   Removes trailing blanks from a string (Similar to the Alpha-
Accounting STRIP routine, but is smaller and faster

Assembly language programs:

ALLOC   Same as the ALLOCATE statement in basic, but entered in
command mode.

ALPHA MICRO USERS SOCIETY Membership form

Please fill out as much information as possible.

Name _____ Company _____

Address _____ City _____ State _____ Zip _____

Business Phone _____ Home phone _____

Circle one: Own Lease Thinking

Check all applicable: Dealer __ OEM __ User: Corporate __ Individual __

Describe equipment: _____

AMUS may use my name for mailing lists __   Make checks payable to AMUS

Annual dues are $25.00 per member.

AMUS
c/o Community Free School
P O Box 1724
Boulder, Colorado 80306