# US NS Newsletter

Winter 1987-88

## Late-Breaking News

Harry Baya and Bob Clark went to the Phase /// show in Chicago on the 9th, 10th and 11th of October, and manned a USUS booth there. The show was advertised as covering the Apple // and the Mac, but guess which one got more attention . . .

Many famous Apple-connected folks were in attendance, and gave talks -- Don Williams, one of the authors of Apple-Works/MS Works; Taylor Pullman, who wrote the series of articles in Softalk about Apple /// Business Basic, and is now working on //GS Basic; Mel Astrehan, who is working on graphic software for the ///, and will be releasing it through On ///; Bill Atkinson, of Hypercard fame, who talked for two straight hours; and our own Harry Baya, who gave a presentation on the p-System and the USUS Power Tools.

Friday afternoon was reasonably slow, since most of the attendees were professionals and remarketers from out-of-town, but Saturday and Sunday were busy, since the Chicago public (and their kids) showed up in droves to browse and bargain. The biggest bargains came on Sunday afternoon, when Sun Remarketing (the people who are selling Apple's remaining stocks of Apple ///s) announced that they didn't want to haul anything but cash back to Utah, and sold everything they had at rock-bottom prices.

Bob reports that there was a lot of interest in USUS, and that they handed out dozens of membership applications, but that only two people actually plunked down the money to join. We are eagerly watching the mailbox to see if we get any more applications.

## USUS Making it

As of the last Administrator's report (31 Sep 87), there are 486 active members out of a total of 3,449 names of once-active people in the data base. The Treasurer informs me that there is enough money in our checking account to take care of current expenses, publish this newsletter (which is being mailed to all 3,449 of those names), and probably publish a copy of the USUS Journal (the "thick", "technical" one -- this is the "thin", "chatty" publication).

This is a great improvement on the situation at the time of the last newsletter, which someone referred to as the "Send money or we shoot the dog issue" at the June Meeting at Stride Faire. On the other hand, we have made only about half our membership goal for 1987 -- 1,000 members.

This number gives USUS enough money to publish four of these "thin" Newsletters, one "thick" Journal, hold two meetings, and pay reasonable expenses (Meeting expenses and Compuserve costs) to Officers, and to pay the Administrator for postage, paper, and telephone expenses to keep the membership records and correspondence up to date. It also allows us to pay off (bit by bit) our back debts.

We are doing reasonably well, and there seems to be no lack of interest in Pascal and Modula-2 (and other "machine-independent languages and operating systems", as our Charter says). In particular, users of the Apple and TI 99/4 p-Systems have been coming to us for support since those companies have dropped support (See following story).

## Editor's Corner

Like to see your name in print? Got something you're dying to tell all of USUS? Got a product you'd like to sell? The Editor is more than willing to help you do it!

One of the reasons for the lateness of this newsletter is the lack of stuff to print -- we need to fill 16 pages to get a preferential rate for printing it, and re-keying material, frankly, is a pain in the ... fingers.

The Editor prefers to get material for the Newsletter in soft copy -- preferably via Electronic Mail at one of the addresses below:

UUCP: {hplabs,lll-crg}!well!samlb
Internet: samlb@well.uucp
Compuserve: 71735,1776;
WU Easylink ESL 6284-3034;
MCI SBassett.

Second best is via a diskette sent through the mails. The Editorial computers can read: 5.25" Apple Pascal & Apple CP/M; 8" CP/M SSSD Interchange Format; 5.25" PC/MS-DOS 2.0 & later DSDD 360k; 5.25" DOS-hosted p-System formatted diskettes. Anything else is a problem.

Last and hopefully least is hard copy -- paper.

We are prepared to print almost anything -- letters, short news items, cries for help, lists of names and addresses -- you name it. Oh, yes -- and ads!

Many thanks to Bob Griffith of Grifco Engineering for his Ad, found on the bottom of Page 3.

BTW, the Editor has the same name (but wears a different hat) as the USUS Chaircritter, and by some weird coincidence, has the same address, too.

## Officers

President        To Be Appointed

V.P.             TBA

Secretary        TBA

**Treasurer**

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AC/CU/MET
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(205) 383-2177
CompuServe: 72747,3126

**USUS Administrator**

A. Hays Busch
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CompuServe: 70260,306

**V.P. Member Services & MUSUS System Operator**

Bob Peterson
P.O. Box 1686
Plano  TX  75054
(214) 995-6080
CompuServe:  76703,532

**International Coordinator, Ombudsman & Advocate**

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**USUS in Europe**

USUS (UK) Ltd.
Attn: Secretary
P.O. Box 448
Chelmsford  CM2 8QB
Essex          **ENGLAND**

**USUS in Australia**

In Formation.

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## Professional Member List
### as of 8/16/87
### THANKS!

Richard Albright
Samuel B. Bassett
Irwin L. Brainerd
Felix E. Bearden
Robert E. Clark
Virginia K. Dyer { #1! }
Gary Gibb
Bob Griffith
Joseph Chao/Michael Hoffman
Richard W. McMahon
John C. Miller
Jon L. Nevins
Charles J. Osicka
Juerg Scheidegger
Neil Silberkeit
Bill Slocumb
William D. Smith
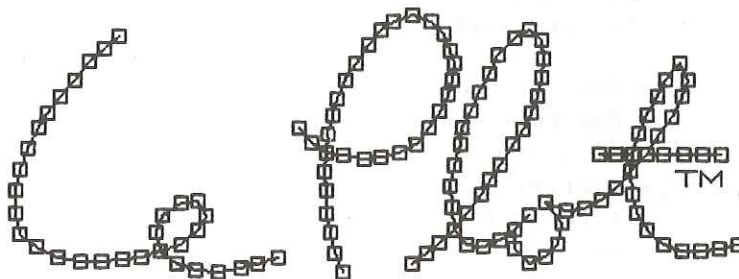David Sparkman
Cye H. Waldman, Ph.D.

## Institutional Members
### as of 8/16/87
### Many Thanks!

MicroSage Computer Systems, Inc.
680 S. Rock Blvd.
Reno  NV  89502

MicroFinancial Corp.
15404 E. Valley Blvd.
Industry  CA  91746

Pecan Software Systems, Inc.
1410 - 39th Street
Brooklyn  NY  11218

```
+----------------------------------+
|                                  |
|            Renew Today!          |
|            See Page 14           |
|                                  |
+----------------------------------+
```

Le Plot™

Le Plot is a multi-featured X/Y plotting program optimized for hassle-free setup on an alpha-numeric terminal and the generation of professional looking plots on a dot-matrix printer.

Included are utilities for character font generation, line-type font generation, manual data entry, and Timberline spread-sheet data download.

Le Plot performs (!) on Sage and Stride machines under the UCSD p-System, and is available directly from Grifco for $69.00 plus shipping.  Please write or phone for more information and/or a free brochure.

Grifco Engineering and Design, 2402 S. Catarina, Mesa, AZ  85202, (602) 831-6750

## USUS PowerTools (USUSPT)
### now available.

Through the cooperation of Jon Nevins of the Tennessee Valley Authority, Eli Willner of Pecan Software Systems and a number of USUS members who have contributed their programs to the USUS library, we are now able to make USUS PowerTools available for various systems. These currently include:

  IBM PC,XT,AT and compatibles
  Apple /// (partial implementation)
  Macintosh
  Stride/Sage

USUSPT includes Word Processing and Telecommunications programs as well as a configurable Menu Shell to produce an integrated desktop environment. In addition, the General Utilities programming tools are included.

While the software is only available for the above listed systems at this time, other systems running the Power System IV.2.2 (or Apple Pascal 1.2 and above) with a REMUNIT meeting USUS standards can be supported. (Atari ST and Amiga versions are expected soon).

The telecommunications module currently requires a Hayes 1200 Smartmodem or true compatible, however since its source code is available, enterprising individuals should be able to convert it to their modem's code set.

The USUSPT Package -- Executable (.CODE files), no source, which includes word-processing, telecommunications, menu, and programming tools (requires Hayes 1200 Smartmodem or compatible) -- is available to USUS members for US$59.95.

Source Code for the complete package is available to Professional Members who have bought at least 1 copy of the Executable package on the same basis, and for the same prices as Library Volumes.

Jon demonstrated the completed package at the summer meeting at Lake Tahoe -- it forms the basis of the Form-U-tm Share system that he maintains for the Tennessee Valley Authority. The code is based on programs donated to USUS and other institutions over the last several years, augmented by Jon's work over the past 3-5 years. Jon secured the permission of all copyright holders to make it available to USUS members, and has donated the package under the stipulation that proceeds from sales go to help support USUS.

For the executable-only packages, Pecan Software Systems (who now sell the p-System) has donated run-time systems (to allow the package to run without having to buy a copy of their Power System). It is understood that buying one executable package give you the right to use it on one machine -- the given price is for quantity one -- using it on other machines means buying another copy -- but there is a discount for quantity purchases.

**Thanks, guys!**

There will **not** be any direct telephone support -- not at these prices -- but USUS will be happy to help anyone having difficulties via CompuServe (MUSUS). {The foregoing is a commercial announcement -- see the item on CompuServe later in the issue.}

To order copies of the USUS PowerTools package, use the Library Order Form at the back of this issue.

```
+-------------------+
|     MUSUS!        |
|  (USUS On-Line)   |
|   See Page 6      |
|   for details.    |
+-------------------+
```

## Apple, TI Users are
## still a majority

Hays Busch, our Administrator, has been keeping an eye on the renewal applications as they come in, and reports that the two most popular systems among USUS members are the Apple (][ & ///) and the TI99/4A.

While they don't have all of the speed and technical acclaim of the Stride, or the marketing support of a large Blue company, they are useful machines, and a lot of games, utilities, and solid business applications are available.

The other thing they are is cheap -- which makes them ideal for students and learners. USUS recognizes very well that we are not going to survive very long without these people, and is committed to serving them.

We learn from Michael Hartman that:

Apple Pascal 1.3 is now sold by the Apple Programmer's and Developer's Association for $75. APDA is an offshoot of A.P.P.L.E. which has been given the sole distributorship for many software development tools from Apple. They also carry the Apple II Pascal Device Support Tools (Attach, interrupt-handling documentation, but no ProDOS Access Tools), the Desktop Toolkit (mouse, double hi-res graphics), and the Filecard Toolkit (AppleWorks interface), all of which are useable from Pascal 1.3. To order from APDA, you must be a member. This costs $20 and gets you catalogs roughly six times per year. A membership application is on-line in the APDA Data Library (7) of the Apple Developers SIG (Go APPDEV) on CompuServe, under the title "APDEV1.TXT". Anyone who is serious about programming Apple // or Macintosh computers should join APDA just to keep apprised of the various tools and documentation available. All new tools and documentation from Apple are being offered through APDA (sometimes exclusively or before other channels).

Their address is:

Apple Programmers' &
Developers' Association
290 SW 43rd Street
Renton, WA 98055
(206) 251-6548

There is a reasonably active TI SIG (Special Interest Group) within USUS, largely thanks to people from the CompuServe TI Forum, while the Apple SIG has languished lately for lack of noise and volunteers.

For more information, and to volunteer (hint, hint) to build a fire under USUS on behalf of your favorite machine, please contact the following people:

### Apple Coordinator

Harry Baya (USUS Board member)
28 Whitman St.
Hastings-on Hudson NY 10706

### TI 99/4A People

Jonathan Zittrain
136 Thornberry Dr.
Pittsburgh PA 15235
(SYSOP of the TI Forum on CompuServe -- TIFORUM's DL10 has a lot of p-System goodies for the 99/4A.)

Stephen Jacobs
1400 Florida Ave., #204
Modesto CA 95350

Kent Gestring
4634 Oberlin Place
Denver CO 80236

Vice Presidents are mostly ceremonial, but none-the-less necessary. The President of USUS, on the other hand, needs to have an eye for detail & a willingness to harass people (including recalcitrant editors and sysops) into getting things done. The Chaircritter informs me that he, too would like to turn the job of President over to someone with a bit more enthusiasm.

We also need a distributor for the Library in Atari format.

## Short Tips

Beverly Henderson, of El Granada CA sends the following short program which counts words in text files:

```
Program Spaces;
VAR  CH, HC : Char;
     SP      : Integer;
     F       : Text;
     TITLE   : String;
Begin
  Write( 'Type name of file: ' );
  ReadLn( TITLE );
  Reset( F, TITLE );
  If IOResult <> 0 Then
    Begin
      WriteLn( TITLE, ' NOT FOUND.' );
      Exit( Program );
    End;
  SP := 0;
  HC := 'X';
  While ( NOT EOF( F ) ) DO
    Begin
      Read( F, CH );
      IF ( CH =   ' ' ) AND
         ( HC <> ' ' ) THEN
        SP := SP + 1;
      HC := CH;
    End;
  CLOSE( F );
  WriteLn( 'Total words in ',
           TITLE,': ', SP );
END. { Program Spaces }
```

## MUSUS

MUSUS is the UCSD p-System Forum on CompuServe, a sort of bulletin board where USUS members share tips, code, and ideas about Pascal and the operating system. It is also the place where Pecan Software Systems answers questions and complaints.

There are also several Data Libraries (sections of the Forum where information and source code are stored) on MUSUS, and when you become a member, you will be able to down-load examples of working code and tips on how to get the most out of your system.
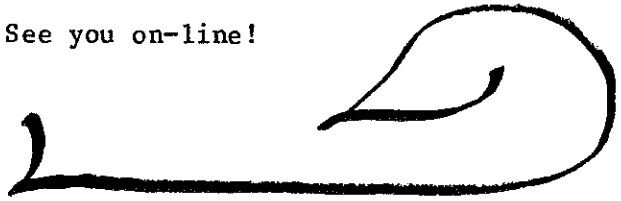
If you have a microcomputer, a modem, some communications software, and a credit card, it is quite easy to become active on MUSUS.

First, CompuServe itself is anxious to help you, and will send you an Introductory Subscription kit, which gives detailed descriptions of how to log on, and free connect time (you don't get charged for learning how to use the system).

Second, the Chaircritter and all of the other "expert" users are ready, willing, and able to give advice, hints and tips about the system, as well as answer questions about Pascal and the p-System.

To get your Introductory Subscription kit, either write the USUS Administrator (the address is in the back of this issue) or call Compuserve at: (800) 848-8199. We or they will send a copy to you in the mail.

See you on-line!

## P-System in Peking

Robert Delfs, a USUS member who is Bureau Chief for the <u>Far Eastern Economic Review</u> in Peking, sent us a letter describing what he suspects is the biggest UCSD-based installation in Asia. It consists of about 40 micros -- a mix of Sord M23Ps (Z-80 based) and various PC/XT clones -- about half in Hongkong, and the rest in news bureaus in Bangkok, Jakarta, Kuala Lumpur, Manila, Peking, Seoul, Singapore, Sydney, Taipei, Tokyo, and Washington.

Computers at the main Hongkong office are connected to twinned Sord M343s with hard disks via a LAN. A rough-copy printer is also on the network. The LAN software automatically routes stories, and appends numerical suffixes to successive edited versions, to preserve an audit trail. A single M23P feed text to a typesetting system just before it goes to print.

Except for Peking and mainland China, communications are via Hongkong Data-pak, and a remote communications handler at the main office does user verification, receives messages or stories, lists all current messages for to a bureau, and logs accesses and file exchanges. Writers and editors use ASE, which they wish had split-screen capabilities.

Mr. Delfs and James Leung, who works for Avionet HK and is a computer consultant to the Review, wrote and maintain the LAN and communications software. { **Ed note:** We are impressed! }

## Board Members

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(Chaircritter, Acting President)
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San Anselmo  CA  94960
(415) 454-7282
CompuServe: 71735,1776
USENet: samlb@well.uucp

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(914) 478-4241
CompuServe: 72135,1667

Jon L. Nevins
Tennessee Valley Authority
Systems Res. & Dev. Section
Fertilizer Econ. & Mktg. Staff
Muscle Shoals  AL  35660
(205) 386-2300
CompuServe: 76456,416

A. Robert Spitzer
Wayne State University
4375 Borland Ave.
W. Bloomfield  MI  48033
(313) 363-6810
CompuServe: 75226,3643

Eli Willner
Pecan Software Systems, Inc.
1410 - 39th St.
Brooklyn  NY  11230

## USUS UK News

USUS UK, Ltd. is alive and well, and elected new officers in March of this year:

Chairman
David Pennington
Forex Advisory Services

Vice Chairman
Gordon Wilkie
Pecan Europe

Membership Sec'ty
Ashley St. Clair
Stark Associates

Treasurer
Dr. Peter Grigg
UMIST Textiles Dep't.

Secretary
Richard Pickvance
STC Semiconductors

USUS UK's Registered address is:
P.O. Box 448, Chelmsford CM2 8QB,
ESSEX,                    **ENGLAND**

## What is USUS, anyway?

The following is from a couple of long letters that Harry Baya, one of our Board Members posted on MUSUS a while back, when asked the question:

"Why USUS?

For individuals developing applications in the p-system (including those who are just writing programs, or tinkering with programs) this is our union, our trade association, our vehicle for helping each other and for promoting our p-System industry.

If we were rich some of us might put extra money into it to make it stronger. We are rich in our ability to develop and evaluate software, so that is what we will give.

My guess is that the library had this focus from the start. Now it is big enough to be significant. It needs weeding, re-organizing and, now that it is as big as it is, we can look at it as the embryo of somthing much bigger. We can look for what it could become, notice what is missing (eg. the toolkit disk), think about shaping it, (I am still pushing for making as much of it public as we can), and begin to make more use of it meet other USUS goals (eg. attract new members).

We are building a culture around the P-system, Pascal and Modula-2. The underpinnings encourage us to coin new terms, phrases, processes and the like. These show up as programs, functions, procedures, units, techniques with names, common use of descriptive terms, areas of expertise and much more. To the extent that the culture is richly interactive and adaptible these things will evolve to better serve the needs of the community. My view is that USUS is the center of that culture and should seek to promote its growth and health. It will thrive until we find a better culture for what we now do in this one, all things considered.

Opps! My soap box just collapsed. I knew I should have eaten fewer goodies at the coffee breaks. Also the brass brand never showed up and the miniature blimp that was to draw a crowd has collapsed on top of the Pig Roast. I need USUS. Who else would read this?

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My impression is that we have not been attracting many new members recently, and have lost some of the old ones. I assume we could do better than that with the resources we have. The trick is to figure out how. I agree that we could benefit from a marketing plan that identified what we had to offer and who to offer it to.

The main target I see for USUS is those people who have decided to use UCSD Pascal or Modula-2 to develop their own applications over several years. They are using a language/environment and could benefit from participating in a community of people who use that language/environment.

My guess is that most of these people are doing work beyond what was required of them in a formal course. Some are professionals, some are hobbyists, and all are "hackers" to some degree. These are application developers who may be doing anything from developing their own mail-list manager to building a large commercial model...

USUS provides not only resources they can draw on, it also provides a chance to contribute, to use their hard won knowledge to help others and gain psychic income, however they define it. We need to develop a healthy community that makes participation rewarding, that allows potential members to see what they could give as well as what they would get. I dont know how to do that, but I feel that USUS has all the needed ingredients.

One way to get to these people is stay close to the vendors of UCSD development tools. Appropriate PR and Publicity is also needed, but I agree that it isn't clear where it should go and we certainly can't afford a real market study, nor much paid advertising.

I like the idea of having booths at computer meetings, both the big national ones and the smaller ones – but that has to come from USUS members who volunteer. I don't see anyway to get that going other than just doing it and hope that the example encourages others. I also like the idea of co-ordinating with other computer groups/ publications –but I hope we can keep our own identity and have our own newsletter.

At this point I feel that we must either

(a) Draw new participating members
- come up with some new "products" in the form of disks,
- get some publications out on a regular basis
- have meetings in big cities, near major airports, and try to draw new attendees.
or

(b) Accept a version of USUS that is limited to participation on MUSUS.

Finally, another role of USUS, which is harder to see, is to promote the continued development of the UCSD environment and the languages it supports and to help potential users to find out what they need to know to decide whether to work in this environment. We seem to have access to a development environment that is currently the best one available for some kinds of projects.

If that is so, why isn't it more popular? What can be done to make it more desirable (e.g. Larger Memory, better utilities ) and to gain greater exposure? I sometimes see USUS as a seed that could grow into something much larger, sort of like the the first boy scout troop, or the first League of Women voters. They grew because they provided an opportunity for people with a shared interest to work together in a rewarding way. How can we do that.

I am an idealist, and a lazy one at that. I do enjoy thinking about this and I am willing to help, but I do not seem to have the time and energy to "make it happen". My hope is that enough of us will do what we can, and some will do a lot, and we can have a lot of fun building a healthy global community around USUS. Or, we may just continue bumbling along as we have been; I still feel it is worth it.

Harry

**We get letters~**

Feedback:

"...I will renew my membership ... [but] I want to climb up on my soapbox ... very disappointed ... [I have] not received replies to inquiries about the software libraries ... order form is confusing ... Please keep us 'new entrants' ... in mind ... I am willing to put my muscle where my mouth is, ... am willing to offer whatever help a novice can ... would love to help review and distribute Apple software."

Monte J. Harvey, D.O.
Hawarden IA

{ **Ed. sez:** Fair criticism -- we have not done too well on these scores, but are getting better, we hope. The Board's policy is to try to help 'novices' as much as possible (how did the rest of us get to be 'experts', after all?), so don't hesitate to yell at us regularly! }

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"I joined USUS <u>long, long</u> ago ... I began offering to serve ... my services were not even graciously declined. { Long, and, alas!, typical tale of woe } ... I love Pascal. I love the p-System. In the year and a half I've been in the retailing business, with my own store, our Stride has served us almost flawlessly. ... We're developing our own point of sale system using DB7 from Micro R&D, and love it.

Gary L. Allen
American Family Video
South Salt Lake, UT

{ **Ed. sez:** Novices and professionals heard from -- they both love the p-System, despite the provocation . . . }

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"...in 1984 ... I became interested in learning Pascal ... Unfortunately ... my computer is a TRS-80 Model 4, 128k, using TRSDOS 6.2+ with a non-RS hard drive. ...Softech sent ... literature ... [and] two disks which were supposed to contain a DOS which would work on the TRS-80 Mod. 4 ... they would not ... joined USUS ... When you know as little about a computer as I do, and live way out on Cape Cod, you shy away from doing anything too drastic. ... for the moment I do not intend to renew ... <u>BUT</u> IF YOU COULD FIND SOMEONE TO HELP ME, I COULD VERY WELL CHANGE MY MIND."

J. Samuel Slicer
P.O. Box 1288
West Chatham MA 02699

{ **Ed sez:** Anybody out there know anything about TRS-80s? }

## HELLLP!!

A section of the Newsletter for asking for help on specific problems.

"... we are looking for a solution ... by the end of '87, we must be able to [cross-tabulate] heaps of survey data on our <u>Stride</u> under the p-System ... not only crosstabulations ... but correlations, regressions, and ... social statistics ... who has a statistical package ... a kind of SPSSx, BMDP, or SAS?? Can anybody help us to find such a statistical package for a reasonable price? ... please contact me -- with a <u>written</u> note . . .

Juerg Scheidegger
IPSO Sozial- und Umfrageforshung
Heuelstrasse 21, Postfach
CH-8030 Zuerich **SWITZERLAND**

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Ed Livingston, an engineering student, writes to say that he "wants to really have the FORTRAN for the TI." He also invites anyone similarly interested to contact him at:

244 Walt Arney Rd.
Lenoir NC 28645
(704) 754-4089

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USUS needs volunteers to fill the positions of President, Vice President, Secretary, and Treasurer. The Chaircritter is filling the position of Acting President, and the present Treasurer, Bob Clark, has been in office since November, 1985 -- he would like to turn the job over to someone who has a bit more enthusiasm.

Since we have an Administrator (thanks Hays!), the Secretary's job will consist of collecting and keeping the official copies of the Minutes of meetings, and keeping an eye on Hayes. The Treasurer keeps the checkbook and arranges for the Income Taxes to be done every year.

In addition, Pascal is the "standard" language being taught in High Schools around the U.S., and is the language used on the SAT test for computer proficiency. Pecan, which sells the p-System now, is working very hard to market UCSD Pascal to this educational market, and is having some success.

USUS is still a viable organization, and your vote of support -- by renewing soon -- will keep it that way for the forseeable future.

Sam´l Bassett
USUS Chaircritter.

## New Library Volumes

At long last, we have some new Library volumes -- numbers 35 & 36.

Volume 35 contains a re-issue of PDOSTRANS and PDOSOPS, Mike Berg´s utility which lets you read and write MS-DOS files on a Sage/Stride, etc., as well as on a PC clone. It also contains 18 files, ranging from 4 to 36 blocks, of Modula-2 I/O utilities: printer, file, and terminal manipulation routines.

Volume 36 contains Jai Khalsa´s version of the game of LIFE, and a star-trek game re-written to use the abilities of the WY-50 terminal. Also included (for the non-gamers among us) is source for Carl Helmers´ ´REPORT´ program for use with current versions of Tom Swan´s PDBS.

To order the new volumes, send a completed order form (see the back of this issue) and a check for US$10/volume to the USUS Administrator, Hays Busch (P.O. Box 1148, La Jolla CA 92038). He will arrange with the distributor to ship the volume to you -- be sure to tell him what kind of media/format you need.

Herewith are the prices for software orders of Vol 35 and 36:

| | | |
|---|---|---|
| APPLE ]I[ | $ 8 / VOLUME | (2 disks) |
| APPLE /// (SOS) | $ 8 / VOLUME | (2 1s disks) |
| APPLE /// (SOS) | $ 6 / VOLUME | (1 2s disk) |
| IBM/NCI | $ 6 / VOLUME | (1 disk) |
| MACINTOSH | $ 7 / VOLUME | (1 disk) |
| SAGE/STRIDE | $ 6 / 1 VOLUME | (1 disk) |
| SAGE/STRIDE | $ 7 / 2 VOLUMES | (1 disk) |
| TI99/4a | $11 / VOLUME (SSSD 40TK) | (3 disks) |
| TI99/4a | $10 / VOLUME (DSSD 35TK) | (2 disks) |
| TI99/4a | $10 / VOLUME (DSSD 40TK) | (2 disks) |
| TI99/4a | $ 6 / VOLUME (DSDD 40TK) | (1 disk) |

Ask for pricing for any formats not shown above.

Here are the directories of the new volumes:

****USUS Library Volume 35****

PDOSTRANS.TEXT        Originally on Vol31: which was withdrawn.  Transfer
                      IBM PCDOS text files to p-System text files.
PDOSOPS.TEXT          Part of the above.

LIFE.TEXT             Jai Khalsa´s game of LIFE...as discussed on MUSUS and
LIFE.DOC.TEXT         in the USUS Bulletin #13.  An example of fast two-
                      dimensional list processing.  Also originally on Vol31.

LNPR.TEXT             A group of Modula 2 programs submitted by P.D.Terry.
LNPRINC.TEXT          A lot of worthwhile material you can use.
LNPRDATA.TEXT
LNPR.DOC.TEXT
OPENFILE.TEXT
TERM.DOC.TEXT
TERM.TEXT
FIXDIR.TEXT
FIXINC.TEXT
FIX.DOC.TEXT
LISTER.TEXT
LISTER.DOC.TEXT
SETFX80.TEXT
SETFX.DOC.TEXT
EASYDEF.TEXT
EASYMOD.TEXT
TERMDEF.TEXT
TERMMOD.TEXT
README.TEXT           Listing of the programs in this group.
VOL35.DOC.TEXT        You´re reading it.

----------------------------------------------------------------------------

****USUS Library Volume 36****

TEMPL.SUB.TEXT        The main program of Carl Helmers enhanced "REPORT"...
                      ...program for use with Tom Swan´s PDBS data base...´
                      ...Provides additional formatting capability.
MAKE_TEMPL.TEXT       A quick way to start creating a template

P3_LINES.TEXT         These are demo files explained in the documentation
A3_LINES.TEXT
AFORM_LTR.TEXT
PFORM_LTR.TEXT
ALIST_HEAD.TEXT
ALIST.HEAD
ALIST.TEXT
PLIST.TEXT
AGENERIC.TEXT
PGENERIC.TEXT
STATUS.TEXT
PA_DBS_FI.TEXT
A_PDBS.FIL.PDBF

TEMPLATES.TEXT        The documentation file
DOCGGENCONV.TEXT      More on documentation.

STARTREK.TEXT         Revision of original program on VOL9:  Specific to
                      IV.2.2 and STRIDE with WY50.  Puts all action into
                      windows instead of continuous scroll.
STREK.TEXT
STREK1.TEXT           Broken up for older p-System Editor
STREK2.TEXT

S2.TEXT               Another version of the above.
S2MAIN.TEXT
S2ONE.TEXT            Another break up
S2TWO.TEXT
STREK.DOC.TEXT        Explanation of the files and how to compile for the
                      Sage.
VOL36.DOC.TEXT        You´re reading it.

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# US2 Newsletter Winter 1987-88

Sam'l Bassett, Editor

**Note:** If you have just joined, and <u>haven't</u> gotten a New Member Packet or anything else, please be patient -- Hays Busch informs me that they are on their way, and should follow this Newsletter in a few days. Thank you for your support . . .