

HARD COPY

What's New



By John Ewing

The August early meeting was opened by Bob Ward with a demonstration of a shareware product called RIR. RIR is similar to DOS's DIR command. The unique feature of this product is that it will display a listing of the file names compressed within a ZIP file. The demonstration led into an impromptu discussion of the SLO Bytes Library Locator program.

Bob was followed up by George Campbell with a discussion of hard disk upgrades and hard disk organization. The timing of this could not be better for me since I recently ordered a 120 meg IDE drive. There probably will be an article about the trials and tribulation involve with setting up a new hard drive in next months Hard Copy. Fortunately, I have George's lecture on tape, so I shouldn't have too much trouble.

The General meeting was dominated by Bob Hunt's demonstration of MS-DOS 5.0 Upgrade. According to Bob, DOS 5.0 is the most exciting revision to the DOS environment. The changes to DOS include easier installation, backup of the existing hard disk setup, help from the command line, an improved text editor, a more powerful DIR command with switches, a shell, a modified version of QuickBASIC, and a command line history program. All of this does not compare to the ability of DOS to load drivers, TSRs, and a portion of COMMAND.COM into High Memory. Properly configured, you can have 620k of conventional memory available for your programs to run in. This is quite an accomplishment.

Rumor has it that a new computer store will be opening in Atascadero on August 31. Central

Coast Computer Connection of Los Osos is expanding to the North County and the new store will be called Central Coast Computer Connection of Atascadero. From what I hear, they will be giving away a complete 80386sx system. You can get more information by contacting the Los Osos store at 528-3232.

If you are interested in HAM radio, you should be at the 1:00 o'clock meeting on September 1st. Max Sicher, a member of SLO Bytes, will be demonstrating how he uses his computer in conjunction with HAM radio communications. As far as the early meeting goes, we'll just have to see what happens.

Several of the new members have approached me about a Windows SIG. If you are interested in joining (starting, leading) this group, let one of the officers know. Remember, all members of a SIG should be prepared to contribute to the group's efforts.

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Club Officers

President George Campbell
Vice President Sam Powers
Treasurer Bernice Meador
Secretary Bob Ward
Editor John Ewing



by Bob Ward

SLO Bytes PCUG

The Z-Nix Super Mouse II

Not all mice are created equal. That probably goes without saying if you are a live mouse. But what about computer mice? They come in all sizes, shapes, with one button (for the Macintosh literate), two and three buttons for the PC users and a whole keyboard on a mouse for those of us with tiny fingers. One thing most mice have in common is a cord attaching the mouse to a board in the computer or a serial port.

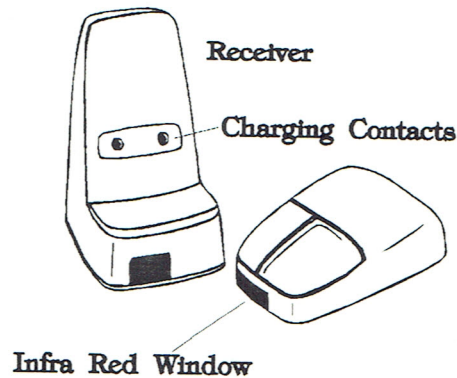
Then comes along a cordless mouse. Yes there is still a cord of some type attached to the computer. But the other end is attached to a receiver which may be put someplace in close proximity to the computer. "Tailless mice" have two methods of transmitting directions to the computer; either by radio waves or infra red light. Most of you probably have a VCR or remote TV with all those buttons, most of which you have never figured out how to program. Therefore you are already an expert in I.R. transmission even before getting a cordless mouse. The mouse sends signals through an I.R. emitting diode on the front of the mouse to a receiver which is placed somewhere in front of it.

Z-Nix Company makes a cordless mouse called the Super Mouse II. This is a two button variety (I never have used the center button on my 3 button Logitech mouse) which fits nicely into the palm of your hand.

The Package

The Super Mouse II comes with a 50 page setup and user's manual, Tele-Paint 3.0, and 3 disks, one for the

Super Mouse, the other two for the paint program. The mouse setup disk has both MOUSE.COM and MOUSE.SYS, the former to be loaded through your AUTOEXEC.BAT file, the later to be used in your CONFIG.SYS file. The mouse driver emulates Microsoft drivers and both Windows, Ventura Publisher, and other high end programs just require designating Microsoft serial mouse as the driver of choice. Of course you use the drivers that come with the mouse for non-Windows programs.



The Z-Nix SuperMouse II

Installation

Installation of the drivers was easy with only one little problem. Windows would not recognize the Super Mouse II as a Microsoft mouse clone without totally reinstalling Windows from scratch. This was a problem caused by Windows or me, not the Super Mouse software. After reinstalling Windows and designating my mouse as Microsoft, everything worked smoothly. The software comes with a test program. Move the mouse, click the buttons and it shows on the screen.

Super Mouse is supported by very good scaling and sensitivity software. I preferred using MOUSE.COM which proved to be more versatile and allows me to remove the mouse from memory if necessary. This could not be done if MOUSE.SYS was installed. By adding a couple switches to

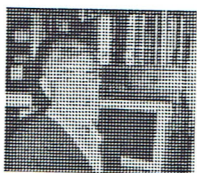
MOUSE.COM either through the AUTOEXEC.BAT file or later from the DOS prompt, you can set the horizontal and vertical sensitivity between 0 and 100, with 100 being a "speedy mouse". You can also add ballistic acceleration (does not require a seat belt to run in this mode) in conjunction with the mouse sensitivity. Therefore you can have a very sluggish mouse with little sensitivity (I've used these on a Macintosh) or a sensitive mouse that zooms across the screen. Ballistic acceleration determines how much cursor motion on the screen is a result of mouse motion. You can also set up motion profile macros to be used with the SETSPEED command. This defines the speed the cursor moves versus the incremental distance the mouse is moved. The faster the mouse is moved the further the cursor moves.

Like the Logitech menus that can be created for specific applications, Super Mouse has a similar menuing building program called AMENU for software that doesn't come already mouse driven. It also comes with 10 predefined menus for popular wordprocessors, spreadsheets and DOS. AMENU is a TSR and can be removed by just typing AMENU OFF.

Hardware

Super Mouse II is a high resolution 400 dpi mechanical mouse with the track ball running on two rollers, one to register vertical motion, the other horizontal motion. The receiver comes with a 6 foot cord and a 9 and 25 pin connector which should cover all possibilities for the serial port. The receiver can work with the mouse at a distance to 6 feet and up to a 45 degree angle off center depending on the distance between the mouse and receiver. I noticed the receiver can also be approximately 20 degrees above the mouse plane without causing any motion distortion. This is great if you have ever seen my com-

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What's In Our Library?

An Interview With Sam Powers.

by Jim Bigelow

SLO Bytes PCUG

The first event of SLO Bytes PCUG's monthly meeting is the library. It is exciting and busy. The room is filled with computers, boxes of disks and people. The level of conversation is at a high pitch everyone is busy, busy, busy.

SLO Bytes Library: monitored by Sam Powers. Sam is at the each month, taking care of business, helping the members, especially new members, advising, and troubleshooting. He gives new members a tour of the library and explains what it has to offer.

Sam: I serve as a monitor, I am the troubleshooter and adviser. My responsibility is to maintain the library during the monthly meetings in an orderly and functioning manner. My duties are many and demanding. There are many members crowded into the library and all to make the most of the facilities, which is obtaining software.

Jim: You are fully responsible? Do you help others when they need help with copying a disk? In locating a disk? How, and with what?

Sam: My objective is helping members make the most of the library. All new members need help. Some find the help they need through other members, but many turn to me. That is my job. I give them a tour of our library. I show them our catalogue files, of which we have two sets, with each set being sectioned into categories of 100 files or disks per book. We have 5 books of disks, which contain descriptions of each file. There is a total of 430 disks of shareware programs in our library.

Jim: What happens if a person can't locate their desired program in the catalogs?

Sam: I use a computer set up with a file locator program that will find the file for them. It searches for files in several ways; by title, category, disk number or keyword.

Jim: Do you have other files and programs for the members besides shareware?

Sam: Yes, we have more than 200 demos. These disks contain programs that are working programs of professional software. They may be "crippled," in that they don't print or carry out the full functions that the purchased copy will do, but they do explain the program and give the user a chance to learn about it before they buy it.

Jim: What other disks are there?

Sam: Well, we have a special category of disks; one that has all of SLO Bytes' past newsletters, and another that contains a database that will find any article by the title or subject. We also have disks that contain the SLO Bytes members list and a file locator for looking up any of the disks in our library. Another special offer is the Early Meeting disk made especially for each meeting. These disks contain special programs and information that are especially useful to the members.

Jim: Go on, please.

Sam: Well, we also sell new disks to members who forget to bring their own or prefer to buy from us. We offer very good prices and supply 5.25" disks in the 360kb format sizes and 3.25" disks in the 720kb format sizes. We also sell disks containing the new programs for the current month.

Jim: Is there anything else you sell?

Sam: Sodas and coffee. And at a reasonable price.

Jim: Sam, can you tell me more about the shareware program disks?

Sam: Sure. First of all they are organized by disk number: 1 through 433. Most files are "squeezed" with ZIP; they are compacted, which requires less disk space and helps time-wise, especially if the file is trans-

ferred over the phone line by modem. All files on a single disk are usually of the same category, such as utilities, games, graphics, educational, etc.

Jim: We have talked about shareware. Tell me, Sam, "What is shareware?"

Sam: Shareware is a concept by which computer programs are offered to the public on a basis of "try it before you buy it." If you use it, you are expected to register it. Usual fees are between \$10.00 and \$40.00. Unfortunately, the theory is better than the practice. About 3% pay for it. The programmer puts a lot of work into shareware and deserves his fee.

Jim: Do some programs move faster than others?

Sam: Yes, games that show graphical animation, educational programs and utilities.

Jim: Where do these programs come from?

Sam: There is a bulletin board in Wisconsin, named Exec-PC, that maintains about 6 gigabytes of shareware programs and text files. It is immense, and has 166 incoming lines. We connect to them via a local Tymnet number. Exec-PC has an excellent search routine whereby you can find a file or keyword within six seconds. We also use CompuServe and Galaxy.

Jim: What other work goes on in the background that we users don't know about?

Sam: We are continually searching the files for "updates" and adding them to the library. All programs are checked for virus's with McAfee's latest virus scanning program. When we prepare a program or programs for a disk, which is on a monthly basis, we make up a "readme" file that you see on each disk. We include a "how to unzip," notice and then "zip" it into a compressed file. We must then update the file locator and recompile the file locator disk. We add new "Demo" disks. We must compile the text files from the newsletter and update the PC files database that contains the authors and titles of all articles in the newsletter.

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Packet Radio Communications

by Frank Fischer

Central New York PCUG
[Reprinted from Orange Bytes, July 1991]

By replacing the telephone lines with a radio, and your modem with a TNC (terminal node connector), you can link your PC with another or to a whole network of others, BBS systems usually have few telephone lines and little or no "conference" type connections. Not so with Packet.

The Packet Network consists of dedicated TNCs that route packets and function as mini-relay stations. Built into these TNCs is a ROM chip that contains the protocol to connect, route, store, list, etc. to the rest of the network. Each acts like a "bucket brigade" taking your packet of digital information and passing it along through the network to its intended station. Since it doesn't care how many users are connected to it, whatever it hears, it sends. But where and how does it do this you ask? It's in the protocol.

Each digital packet starts with your call sign and the destination call sign encoded into it. When the node receives the packet, it sends it along its way toward its destination. In the ROM, it knows the direct route, and an indirect route. Even if it doesn't know who you want, it will try to connect for you. This "calling down the tunnel", as it were, can hop skip and jump to a few different network nodes to see if they know who you are talking about. Where in a telephone BBs the mail forwarding usually takes place at night or in off-peak hours, the Packet Network has "back-bone" TNCs shuffling the packets back and forth too. The nodes respond to each other in such a way as to time slot each transition to keep pace with the other users.

The network can in theory accept 256 users but the response time gets pret-

ty slow after 10 or so users connect. Usually your packet is intended for a single station, but you can connect to a "round table" TNC and have a "smash" with several callers at the same time. File transfers, bulletins and flash news are updated by the hour. If one node goes down, the net responds by rerouting traffic via another node. And with such a variety of interests, each gets his or her own packet passed down the link without the fuss of a busy signal.

Local connects are just as much fun. You set your TNC to beacon and wait for a reply.

Another feature is to set up a mailbox. This is similar to the BBS message base. You connect to the station call sign and tell the answering TNC you'd like to list, read, kill, or leave a message (usually to that TNCs owner but not always). If they have a more sophisticated TNC or a BBS set up, you can leave files too. If they connect and come on line, the limit is up to your software.

Simple terminal software is all you need, but a full blown PC makes Packet much more enjoyable. As in the telephone line connections you can access your local BBS, check to see the current users and, if the BBS has several lines, you can conference call the other users.

However in packet, as you are connected to BBS, you can "jump" to another channel in your software and connect directly with that other user. Presuming they want multiple connections, or want to receive your call, they can also jump to the other channel to talk while still being connected to the BBS. If your software permits, start up and upload/download on one channel and a conversation on another. My software comes built in for eight connects with a patch window for sixteen. Want to have a meeting on packet with other users while in the comfort of your home?

Depending on the node and access you get into, you can talk several

hundred miles. (And without the guilt of the phone bill).

In the past, some have complained about the expense of the TNC and radio, and for the hassle of getting an Amateur Radio License. The biggest drawback was having to learn Morse Code. I agreed, but this month the FCC came out with a new license that allows us Technician License privileges without having to learn the code. There is a test and a \$4.95 fee. If you can run a computer, you can pass the exam (mostly about common sense, no swearing, power levels and the like.)

Tests are being given locally so you don't have to find the nearest FCC exam center. TNCs and radio gear can be purchased new, but better yet at a swap fest. Brand new, a halfway decent TNC runs less than an external 2400 baud modem. And if you get an older, crystal type radio (older style but fine for packet) for \$50 to \$100, you can do it all.

Talk around the country, set up your own BBS, get in on the latest news, etc. and let your computer TNCs do all the work.

Store what you want on your disk and print it out as you want. Some of the better TNCs even do weather maps like seen on TV. (I wonder if my mother's neighbor, who is a HAM, can print out a Mother's Day Fax for me?)

Calendar

September 1st Max Sicher, SLO Bytes member will show us how he uses his computer in conjunction to HAM radio.

Definitions Plus A Dictionary On A Disk

by Bob Ward

SLO Bytes PCUG

Having survived Freshman English several years ago in college, I think future generations will have it easier with the advent of the personal computer. The philosophy of the educational system as I was progressing through school was to have a dictionary in one hand and a thesaurus in the other. The results were predictable. It appears that our local school system has since progressed back to phonics, the basic English tool of our grandparents.

Luckily it is not too late for my generation as long as I have a computer, spelling checker, thesaurus and dictionary. I've had the first three items for quite a while now and use them extensively. Just lately have I acquired a dictionary for the computer. This rounds out my set of writing crutches.

Definitions Plus from WordScience Corporation gives me the American Heritage Dictionary on disk. Virtually any definition in their 100,000 word dictionary is as close as a couple of keystrokes. The program takes about 2.2 megabytes of disk space and another 200K for a temporary swap file.

Setup is easy and foolproof. Select a source drive, a target drive and sub-directory and you are in business. The program checks the target drive for free space. If you don't have the required amount the program terminates while you do some hard disk cleaning. The appropriate files are copied from floppy disks to the hard disk and the dictionary is created.

You can custom configure Definitions Plus to work inside of 13 popular wordprocessors or choose ASCII

which filled my needs. If you have a color monitor, you have 3 preset color configurations from which to choose. The "Hot Keys" used to call Definitions Plus from within your wordprocessor may be customized by the user. They have even included an alternate set of hot keys to configure if you switch between two wordprocessors.

The dictionary has two modes; resident and non-resident. There are three resident modes. The first takes 98K of lower memory but is the fastest. Definitions Plus can also be loaded as a 4K TSR with the remaining program either swapped to your hard disk or expanded memory. I set it up to swap to the hard disk and found it very fast. On a 386SX it took less than 1 second for every word I looked up. With the lower memory savings this was my mode of choice.

Hot Keys

Three primary hot keys are defined for use within your wordprocessor. The first hot key looks up the word on the cursor, pops up a window and gives you the word, its parts of speech and the definition for that word. If it can be used in more than one part of speech, definitions will be given for each. Move the cursor to any other word in the definition and that word will also be defined like the former. If the dictionary can not find the word at the cursor then the window will pop up with suggestions of similar words. It can be used as a pseudo spelling checker in this case, if the word at the cursor is misspelled.

You can capture phrases with a second hot key and the dictionary will try and define the phrase. For example I tried "good looking" (where have I heard that before?) and the dictionary came back with a definition for that phrase. It works well with two word phrases. "Old country" was another phrase I looked up. Try anything more complicated though and

chances are you will come up empty handed (another phrase).

A third hot key brings up the options menu which gives help, or allows you to change hot keys, colors, or wordprocessors on the fly. You can also look up definitions not found in your current document by entering words or phrases on a highlighted line within the window. Finally you can uninstall Definitions Plus or remove the hot keys from memory through the Options Menu only if the dictionary has been loaded last. If the "remove from memory" option does not work, other TSR's have been loaded after Definitions Plus. Unfortunately, even though the menu says you can hit ESC to continue, the computer locked up under every circumstance. This could be a function of DOS 5.0 and their memory manager. I have not tested it under any other versions of DOS.

The Ultimate Weapon

Definitions Plus by itself is an excellent program. But if you use it with a RAM resident spelling checker/thesaurus like Turbo Lightning, you have an unbeatable combination. Add Grammatik to check grammar and a Pulitzer Surprise is just around the corner.

Conclusion

If you have difficulty with your native American English as do I, then this program is a must. It is simple to use, well behaved while in memory and saves you from endlessly thumbing through your not-so handy dictionary.

WordScience Corporation 1415 Oakland Blvd., Suite 220 Walnut Creek, Ca. 94596 (415)939-1190 List Price \$99.95 User Group Special \$49.95

I will demonstrate this program at the beginning of the 1:00pm meeting. (pick up special order form at the next meeting)



Address Book Plus 3.0

by John Ewing

SLO Bytes PCUG

If you are like me, you are constantly looking for a phone number or address you've scribbled down on a piece of paper. More often than not, you probably can't find that piece of paper when you need it. Well, Address Book Plus 3.0 from Power Up Software Corporation is the solution that works for me.

Keeping in line with the KISS method of software development that Power Up is famous for, Address Book Plus (ABP) is very simple to use. I started creating an address list within minutes of opening the box. (For those of you not familiar with the KISS method, this is an acronym for Keep It Simple Stupid).

According to Power Up, the software will work on any IBM PC or compatible with at least 512k of RAM. The program will work on a single or dual floppy system as well as on a hard disk. DOS 2.0 or greater is required.

Installation

Compared to most software developed in the recent past, installation of ABP was refreshing. No questions asking what drive or directory to use, no disk swapping, and no archived files. Just a straight forward DOS copy from the floppy to the hard disk directory you create. ABP comes with both 5.25" and 3.5" floppies. If you use a floppy disk system, just copy the files onto a blank disk and store the originals in a safe place.

Setup

When you start up ABP for the first time, the program displays a setup

menu. Here you will indicate the country that the list will be compiled for (USA, Canadian, Britain), the speed of the screen, the screen texture, the color set for the screen, and the screen background. The Country option will change the display of the Date field to reflect mm-dd-yy for USA & Canada, and dd-mm-yy for Britain. The Postal Code format is also changed.

The Manual

I don't think you can find a more complete manual for such an easy to use program. The 93 pages of documentation takes you from an explanation of Address Book Plus and includes installation, basic commands, creating & maintaining address lists, printing, importing & exporting files, DOS basics, customizing printers, and describing error messages. Power Up appears to have put much thought into what the program user's needs are.

Guided Tour

The manual offers a guided tour to the new user. Here you can easily learn to edit or add a record, use filters to select particular records, search for records, and print the records. This tour is five pages long and takes approximately 15 minutes. It is time well spent.

Address Fields

Each record contains twenty fields. It is not necessary to have information in any particular field. For example, you may have a data in the Company Name field without having data in the Last Name field. The fields include Last Name, First Name, Home Phone, Work Phone, Fax, Other Phone (i.e., pager), Company Name, Address, City, State, ZIP Code, Country, Profession, Comments (limited to thirty characters), Last Edit date (filled in automatically), Birthday, Codes (for grouping records) List By (how the record will be listed when printed to the address

book), Notes (paragraphs of comments), Directions (directions to the address for this record). With all these fields, your address database can be very extensive.

Phone Dialing

One major advantage to using a computerized address book is the Dialing feature. With a few simple keystrokes, your computer will call up any number in your phone list. This is especially useful for long distance or when you have to make numerous calls.

Printing

You can print your records using ABP formats and layout options, or you can customize you own formats and layouts. The reports available using ABP are Address/Phone Book, Rotary File Cards, Labels, Envelopes, and Database Lists.

Importing/Exporting

ABP allows you to import data in the form of ASCII files created with programs other than ABP, create files that can be read by other programs, merge two or more ABP files together, and make two or more smaller files from one large file.

Summary

For as simple as it is to use, Address Book Plus is a very powerful program. I have not found anything I don't like about it. The system requirements or not excessive, installation is simple, the program is easy to use, and output is very versatile. I would recommend Address Book Plus to anyone who needs to organize those little pieces of paper with the scribbled phone numbers.

Address Book Plus 3.0 is available through mail order for around \$50.00

*Power Up Software Corporation, 2929
Campus Drive, San Mateo, California*

Super Mouse II

puter desk. I've got to pile the receiver on top of all the papers and disks which constantly litter my work place. Z-Nix Super Mouse comes with two Nicad batteries, one in the mouse and one in the receiving stand. As long as the computer is on, the battery in the stand is being charged. The mouse battery may be charged by placing the mouse in the handy cradle built into the receiver when not in use. It is suggested that you just swap the batteries when batteries get low. The manual states that they should last 8 hours although I found the time to be about 25 percent less. Changing the batteries is painless and takes less than 15 seconds. I found the physical size and style of the mouse to be comfortable although the sensitivity of the mouse buttons was less than what I was used to with a Logitech mouse. One thing I thought missing on the design was a small L.E.D. on the mouse so you would know it was charging when placed in the charging stand. Guess I'm just used to my cordless screwdriver and the little charging light. It would make a nice addition though.

User's Manual

The users manual is simple to understand even for the first time mouse user. It tells you how to install the mouse, use the mouse software, and maintain the hardware. There is also a section for troubleshooting any problems that may arise.

TelePaint

Although the paint program has some nice features I give it low marks because it lacks a method of importing any type of "paint" files. Pictures created with TelePaint are saved as either canvas files with an extension .SS or a stamp file with an .ST extension. I saw no other file for-

mat mentioned in the manual. I tried loading a PCX file with no success and a TIF file bounced be back to a DOS prompt. Without import or export capabilities, the paint program is little more than something colorful with which to test your mouse.

Summary

I guess I'm hooked on cordless mice. It is a pleasure to have a mouse that doesn't require me to constantly drag the cord through the mess on my desk. The lack of all restraints makes the use of a mouse much easier. The Super Mouse II is more than adequate for my needs and comes with excellent supportive software with exception of the paint program. Retail price is \$133 for the mouse or \$199 if bundled with Microsoft Windows 3.0

Z-NIX Company Inc. 211 Erie Street
Pomona, CA. 91768 714-629-8050

I will be demonstrating this mouse at the beginning of September's early meeting.

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SLO Bytes Wishes A Very HAPPY BIRTHDAY To Our Members Born In September.

Larry Batcheldor	09/06
Girard G. Brennehan	09/15
V.W. Butler	09/10
Greg Davis	09/03
Jerome Deitz	09/28
Don Diller	09/18
Frank Drake	09/26
Margaret Earing	09/03
George Janeway	09/29
Duane Kukuk	09/27
Laudell Ludwig	09/01
Rich Newsham	09/06
Lars Perner	09/12
David Richards	09/26
Richard Romine	09/11
Gary Salmon	09/23
Doug Warschauer	09/03
Sig Wedeking	09/22

Our Library

ter from 1986 to the present. We must update the membership list monthly. There are approximately 50 to 60 disks that we copy each month. And, of course, there is our newsletter article; "What's New In Our Library," that we write to inform our members of the new disks. We update the two sets of "Readme" books, that is, the hard copy of the computer shareware description.

Jim: When I walk into the library during our monthly meeting, I see an impressive operation going on.

Sam: Yes, we have seven computers available for the members, each having a simple menuing system for diskcopying. We have a good assortment of computer magazines and computer trade newsletters, free for the taking. Members also bring their "read" copies of magazines to share with others.

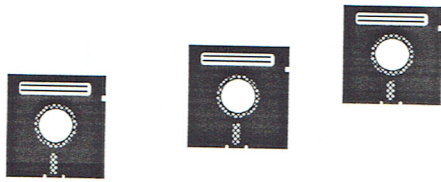
Jim: What suggestions do you have for the users?

Sam: Be prepared. Use your "file locator" program "at home" to determine which files you want before coming to the meeting. Be courteous to others. The best time to copy disks is during the general meeting or afterward. There is no limit to the number of disks you may copy but please be courteous. Don't copy more than 10 disks at one sitting - give others a chance.

I, as author of this article and member of SLO Bytes, express my appreciation and gratitude to those whose many years of work and dedication have made these services available to me and the computer users. And, at almost no cost. Sam is very knowledgeable of computers and is a great asset to the group



Sam Powers



SLO Bytes Library

LIBRARY NEWS

By Bob Ward, Librarian

For all you software hungry people here are a few programs worth looking at. I'm always looking for good educational software. Try #444-446 from IES.

#441 FLAGS91 - This is an update from #73. Has many more flags but lacks the anthems. So #73 will also remain in the library.

#442 NFL_FB91 - NFL Football roster. Track games, predict the winners, etc. **2EZ_DSK1 & 2** - Directory menuing system, desk tools, DOS shell, and much much more.

#443 CHECKSTAR III (ver 4.03s) - very nice checking program. Set up several accounts.

#444 IES Educational: Educational Word Puzzles: Acrostix changes quotes into a crossword puzzle. Krypto converts quotes into cryptograms.

#445 IES Educational: Formula1 - High school / college algebra. Quiz-Maker - create quizzes, tests, and multiple choice questions.

#446 IES Educational: TutorialWriter - create computer based tutorials with hypertext! Updates:

#366 HUGO16.EXE - updated from version 1.2s to 1.6

#310 TTT34.COM - Typing Tutor version 2 to 3.4. Now self extracting.

#433 VIRSIM20.COM - Virus simulator from version 1.1 to 2.0 (many more simulated viruses)

#419 SCANV80.EXE - updated McAfee's virus scanning program from 76V74 to 76V80. **CLEAN80** - updated from version 76V74 to 76V80.

#439 - FONTER30 - updated from version 1.5

Demos:

#196 - Lasrtrax Exhibit Photo Database Graphics Toolkit

Bits n' Bytes

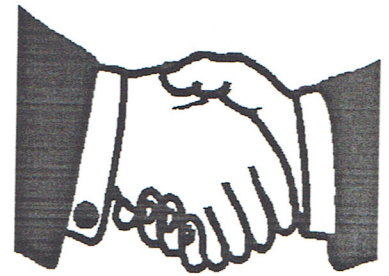
*** Someone asked me at the last meeting for a sideways printing program. Try P90.EXE found on library disk 212. It will print multiple pages sideways on an Epson printer from a text file.

*** Rumor has it Jim Bigelow is looking for a faster computer. Seems he doses off waiting for Windows to load on his 286. When asked why he needed a faster computer, he replied, "at my age, every second counts!"

*** Starlink, the national communications network for calling BBS's all over the country just added a node in San Luis Obispo. This means, a member of Starlink from New York can dial through a local Tymenet number on his end, connect to our BBS in Los Osos, and "do his thing" for \$1.50 per hour. Unfortunately an individual from north county would pay \$7 to \$9 per hour to connect to our BBS. Where's the logic?

###

New Members



Welcome to the new members who joined our ranks during the month of August:

Larry Batcheldor	543-9621
V.W. Butler	541-6909
Stephen Churchvara	543-2147
Mike Farrell	473-4645
David Grimshaw	772-9277
Laudell Ludwig	934-4915
John Montague	772-3406
Nick Nelson	927-4264
John Rogers	544-6152
Jeff Simmons	544-3912
Steve Verreras	238-6028

FLOPPY DISKS 4-SALE at the meeting

Dysan DSDD 360K
Unformatted Floppy Disks
with labels, tabs, and sleeves
60 Cents Each
or
\$5.50 / box

Generic High Density Disks
5.25" X 1.2 MEG.
75 Cents Each

Generic 3.5" X 720K
Unformatted Floppy Disks
85 Cents Each

New Library Disks
90 Cents Each

All Disks fully guaranteed against defects.

Club Information

The SLO BYTES Newsletter is a monthly publication of SLO BYTES PC User's Group located in San Luis Obispo, California. Information in this Newsletter is derived from both our own membership and other PC User Group Newsletters. The purpose of this publication is to inform our members of meetings and provide information related to the use of IBM PC's and compatible computers.

Membership: Dues are \$20 per year. Newsletter only is \$12 per year. Full membership entitles you to our monthly newsletter, full use of the public domain software library and discounts at local computer stores.

Article Submission: Deadline for submission of articles is the 15th of each month. Articles should be provided in ASCII format without any type of formatting from your wordprocessor including tabs, indents, extra spaces, or highlighting. We prefer articles on disk but will accept hardcopies if necessary.

Disclaimer: Neither SLO BYTES PC User's Group, its officers, editor, or contributors to this newsletter assume liability for damages arising out of this publication of any article, including but not limited to the listing of programming code, batch files and other helpful hints.

Reprinting of this Newsletter: Articles from this newsletter may be reprinted by other user groups if credit is given to both the author and newsletter from which it was taken. Reproduction of articles with a specific © Copyright notice is prohibited without prior permission from the original author.

Advertising: Commercial advertisers, request ad packet from Bob Ward. Members may advertise personal computer equipment or software for free. Submit your ad to Bob Ward.

Direct all correspondence to Bob Ward, 2100 Andre Ave., Los Osos, CA. 93402. Call (805)756-2164 M-F 7:30am - 5pm and (805)528-0121 all other times.

Editor: John Ewing, 1710 15th Street, Los Osos, Ca. 93402. Phone 528-7196.

Meeting Times

General meetings are held the 1st Sunday of every month, unless noted otherwise in the newsletter calendar, at 2:30 pm in the Cal Poly University Biology Department, Fisher Hall 286. Special Interest Groups (SIGs) meet at 1:00 - 2:15 pm.

New User's SIG - F.H. 286

Our Public Domain Library is in Fisher Hall 292. Hours 12 Noon till closing.

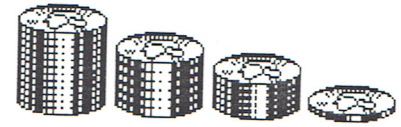
SLO BYTES BULLETIN BOARD

(805) 528-3753 2400/8/N/1

PC Files & Message Section

SYSOP: George Campbell

All Welcome - 24 Hours



Treasurer's Report

SLO Bytes PCUG Expenditures July, 1991

Beginning Balance:	+ 947.03
Expenses:	
Newsletter 07/29/91	- 98.13
Bulletin Board 08-12/91	- 100.00
Disks and Labels	
08/10/91	- 129.50
	=====
	- 327.63
Deposit 08/05/91	+675.20
Dividend 06/30/91	+ 9.99
	=====
	+685.19
Balance 08/12/91	+1304.59

DISCOUNTS

Star Computers 855 Morro Bay Blvd. Morro Bay 772-7827	5%	Any software in stock.
Computer Logic 973 Foothill Blvd. #4 San Luis Obispo 544-8347	10%	Paper, ribbons, cables, and other supplies.
WITCO Computers 3563 Sueldo, Blvd. B San Luis Obsipo 549-0811	10%	Off list - all computers, software, computer peripherals, and products. Contact Bruce, Paul or Dave for discount.
Los Cerros Computers 466-4402	15%	Off regular prices on Whitaker computers
	20%	Off service
		Meet nearly any advertised price on same or similar computers. Bring ad to store.
		Above cost on computers and computer peripherals.
		Above cost on software & supplies (Cost includes shipping & handling)



Ziff-Davis User Group Magazine Discounts

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user group discount