

# WORLDWIDE

A PUBLICATION OF SLO BYTES — THE SAN LUIS OBISPO PC USERS GROUP  
VOLUME 9 · NUMBER 10 · OCTOBER 1993 · VOLUME 9 · NUMBER 10 · OCTOBER 1993 · VOLUME 9 · NUMBER 10 · OCTOBER 1993

## WHAT'S NEW BY BOB WARD, SEC.

Naw.... nothings new, just the same old stuff with different packaging. Ya know the constant french fry debate. I don't know why Kathy doesn't get bald just worrying about it. Yesterday I even went over to their house with camera in hand to try for a decent picture of her for the newsletter. Not that she's not a decent lady, mind you, but I thought one without her fingers up her nose would be more appropriate for the newsletter. Oh no, she wouldn't go for any more pictures. Instant refusal! You don't think she's Marilyn Monroe in disguise, do you? Better finger print her. Well I did get a couple pictures but nothing to speak of... [George will understand if he reads this newsletter the point I'm making.]

This coming month we almost didn't have a speaker. And after seeing me for the last two months I knew if we didn't get someone different up there, you might replace me. Wishful thinking.

We had booked Frame Technology for November several months ago. But their regional rep is no longer a regional rep and he didn't communicate to the other people in the company that he had made a commitment to demonstrate for us in November. Guess his E-Mail broke! So the best comes out of the worst disasters. I called Sierra On-Line, a great company that makes

CONTINUED ON PAGE 3

## MICROSOFT WORD VER 6 FOR DOS BY BOB ILLMAN— SLO BYTES PCUG

**READING WARNING:** If you already own WINDOWS, do not waste your time reading this review. It is not only irrelevant to your interests, it contains the confession of a DOS only user that he is finally going to have to purchase Windows. If you are a smug, I told you so type, reading this confession could cause you to be smug and unreasonable for at least 24 hours. This could lead your family and friends to mistakenly think that you have gone into politics or acquired a state job, either of which could damage your reputation.

Ethos is the Greek word, meaning custom, from which we get our word, ethics. So, in our society, the phrase "evil ethics" means evil that is regular or customary. Hence, there is a certain redundancy, since we are all automatically used to being customarily done in. Now, along comes a company

CONTINUED ON PAGE 8

## CLUB CALENDAR

**NOVEMBER 7**  
SIERRA ON-LINE WILL BE HERE WITH ALL THEIR EDUCATIONAL AND GAME SOFTWARE.

**DECEMBER 5**  
**BIG CHRISTMAS GIVE-A-WAY**

**JANUARY 2 (1994)**  
MICROLOGIC SOFTWARE WILL DEMONSTRATE PRINTSHOP PRO

**FEBRUARY 6TH**  
COREL CORP WILL DEMONSTRATE VENTURA PUBLISHER FOR WINDOWS

**MARCH 6**  
CAERE, MAKERS OF OMNIPAGE WILL DEMONSTRATE THEIR PRODUCTS.

**APRIL 10**  
THE MEETING WILL BE MOVED TO THE 2ND SUNDAY FOR THIS MONTH DUE TO EASTER.

PAGE LAYOUT COMPLIMENTS OF TERI A. SORGATZ COMPUTING ASSISTANCE

## INSIDE THIS ISSUE . . .

### WHAT'S NEW—COLUMN

Bob Ward ..... 1

### MS WORD V.6 FOR DOS

Bob Illman ..... 1

### CLUB CALENDAR

..... 1

### 30-SEC. COMMUTE

Kathy Yakal ..... 3

### A WORD FOR .BAK

Jules Lieber ..... 4

### WIN HINTS

Gus Tomasson ..... 5

### ADOBE PHOTOSHOP

Gus Tomasson ..... 6

### TREASURER'S REPORT

..... 9

### LIBRARY NEWS

..... 9

### CLUB INFO

..... 9



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# THE 30-SECOND COMMUTE

BY KATHY YAKAL

As you can tell by the picture accompanying this column, Bob is pretty upset that I haven't written a column in the last couple of months. I told him my dog ate my disk (we don't have a dog). I explained that I had to go see "Demolition Man" about a hundred times until I could finally understand every word that Sylvester Stallone was saying (he knows I don't like Sylvester Stallone). I tried making him believe that I was so busy cleaning the house and the yard that I just didn't have time (he's seen our house and yard).



Finally, he just gave up and got revenge by putting this picture (which HAS been doctored some) in the newsletter. I haven't actually even seen the picture yet, but he's described it to me, and I suppose it's worse than I imagined.

Anyways, in anticipation of this retaliatory move of Bob's, we went to the Sizzler (his favorite place) for dinner after the meeting last month, since he wasn't able to join us. Several people had the all-you-can-eat buffet, and suffice it to say it's a good thing there was no camera there. One officer (who shall go unnamed) was caught sneaking a pile of shrimp out of the restaurant in a napkin. Good thing there were no buffet police at the door.

Anyways, speaking of 30-second commutes (the amount of time it takes Bob to get from the table to the buffet and back), there's a great new book by the same name, aimed not at all-you-can-eat buffet fans, but at people who work at home. *The 30-Second Commute*, by Don and Carole Terp, offers helpful advice for people starting home-based businesses.

The Terps have operated small businesses and served as consultants to people who are trying to start home-based businesses, so they know what they're talking about. The book is written in clear, understandable language; reading it makes you feel like the Terps are sitting in your office talking with you. And the book is sprinkled with humor; my favorite line is in the chapter on accounting when they're talking about Profit and Loss statements. Why do they call it a Profit and Loss statement?, the Terps want to know. Shouldn't it be Profit OR Loss? It can't be both; it's gotta be one or the other.

Other chapters cover topics like:

- ◆ why to start a home-based business
- ◆ basic economic principles
- ◆ planning
- ◆ marketing and sales
- ◆ advertising and promotion
- ◆ designing and using business records
- ◆ technology
- ◆ dealing with professionals like lawyers

Each chapter is filled with tips, specific examples, and common sense wisdom that will help you take a logical, planned path through the difficult process of starting work on your own. No book could anticipate every possible situation that might occur, but the Terps do a great job of advising you on issues you need to consider, gently and specifically. \$19.95 is a small price to pay for a resource that could save you lots of money down the road.

The Terps have also published a book called *Small Business Strategies for Senior Citizens*. ○

To order *The 30-Second Commute*, contact Read Mountain Press, P.O. Box 13022, Roanoke, VA 24030-3022. (703) 977-1058. \$19.95 plus \$3 shipping charge —P.S. I really did go see "Demolition Man," but only once.

WHAT'S NEW...  
CONTINUED FROM PAGE 1

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game and educational software, and convinced them that we would all show up at the next meeting if they would drive over from Coarsegold. Now come on SLO Bytes members, let's show them that we're all kids at heart and want to see what they have. This will be a demonstration for KIDS too (no, not the goat type, but two legged) so bring'em if you got'em or borrow a couple from your neighbors (after getting permission, of course). Sierra has a lot to show us, so much that they're bringing their demos on CD! We'll meet the infamous Lounge Lizard, Leisure Suit Larry. You've all heard of the Quest games, Kings, Police and Glory. Hey, I've got them, have you?

Sierra has been in the acquisition mood lately. Dynamix, a subsidiary of Sierra makes a great flight simulator. And for you sport nuts how about Front Page Sports: Football or Baseball. Bright Star, another acquisition makes educational software including Alphabet Blocks and Ready, Set, Read. You want to learn something about all those people who make computers possible? Try Japanese Alive, a program that teaches about Japanese culture, language and more through great graphics and digitized speech.

Before I get you so excited you won't sleep for the next week before the meeting, I'd better stop. Really folks, this is going to be a great one. Hope you can come out and do bring the children (2 legged KIDS).

They have assured me they are bringing door prizes to satiate the greed in all of us. I've already filled out my 20 tickets. ○





# A WORD FOR BACKUPS

BY JULES LIEBER—  
SLO BYTES PCUG

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.BAK .BAK .BAK .BAK .BAK



For those of you that are having difficulty in understanding the backup systems that are available I hope this article will be enlightening.

The basic principle in using a backup is to provide the maximum protection of your directories and files encased on your hard disk. This is even more important when you have your HD partitioned. Knowing that all of you have the original program disks from which you can reload to your hard disk does not support not having a back up program. There are many systems that would give you the protection you need.

My primary reason for backup is mainly for the configuration mode for each of my directories. I have spent a great of time and effort configuring my word processor, spreadsheet, database, desk top publisher accounting systems and many of the more sophisticated games that I have become attached to. I have decided that if I lose my hard disk I have all of the original disks from which to reload to my H/D, but I am concerned about all the hours and hours of work in the configuration of software.

So I have set up a schedule of first making a full b/u and then following up with a modified or differential b/u. At the last meeting I was astonished that many of you have not tested your b/u with a partial restore. If you are concerned about deleting any of your files then why not restore to your ram drive (i.e. E:\ drive). You can practice restoring many files or even a complete directory to your ram disk without damage to your H/D. Once you are finished practicing you can reboot your computer and your ram drive will be cleared.

There are many critical reasons why you should backup your data on either tape or floppies. Protection is the primary function of any b/u... protection from accidental hard disk formatting or file overwriting. Protection from hard disk failure. Hard disks do fail. Having a b/u of your most recent data minimizes this problem. Tape drives and data cartridges are some of the most reliable products. Mean Time Before Failure is usually somewhere between 25000 and 35000 hours. Many warranties are for at least one year. Cost effectiveness... the cost of the hardware and software are insignificant when you compare the cost of your time in reloading your work all over again. The capacity of many tapes (compressed) is 250Mb and only takes minutes for a reliable b/u. The tape is portable... you can carry the tape in your shirt pocket.

The other b/u software such as Norton Backup, Backit4, PCTools B/U and even your MSDOS B/U are well documented. Each of the b/uses have there own idiosyncrasies but once familiarized the backups are "a piece of cake".

My b/u drive was not functioning and since I had a 1 year warranty I called Colorado. I called them on Monday afternoon and I received a replacement by FedEx Tuesday early morning. I did have to wait for my techie but he recognized the problem and sent me the replacement. All in all I sent them the old drive with a nice letter thanking them for the exceptional good service.

First you must decide which of the backup hardware systems you should consider. The most popular is the Colorado Memory System. Namely the Jumbo 250 Mb drive. But do not let me limit you to just this hardware. I suggest that you pick up any computer magazine and rifle through the many ads for other b/u drives and tape.

You can also backup your H/D using floppies but with a total of 100Mb you are going to b/u to at least 75 floppies (with compression). I experienced this operation just a few times and then I opted to go the way of a tape drive. On a tape that measures 2 1/4" by 3" you can copy 250Mb (compressed) and the technique is quite simple. Installing the software is another "piece of cake". You just have to follow the screen displays. If any of you have any questions regarding backup software and/or hardware you are welcome to call me.

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# WINDOWS HINTS

BY GUS

THOMASSON

—SLO BYTES

PCUG

I hate Windows. It sells a million copies a month. Its graphic interface is to me obtuse and I don't understand much of the system. I do know that the \*.INI files run the thing, and that much of the mysteries of the interface can be gleaned by tweaking one or more of the too numerous variables which may or may not be present in one or more of these \*.INI files.. I know that there are keyboard commands to all the things that I would like to do in Windows but I don't know what they are or for that matter why they aren't WordStar compatible.

All of these mysteries will be discussed in the following saga or group of saga's. I will plagiarize where I can, copy what I can't and when all else fails I'll ask Bob Hunt who seems to know more than anyone has a right to know about obscure stuff in Windows. **He of course cheats. He reads.** Through some aberration in his youth Bob feels that the day begins at 4 AM. Thus he has more time than most of us to pursue this suspect activity. (Reading that is) Why Bob Ward ask me to do this series and not Bob Hunt I don't know. Perhaps I'm funnier and less direct in the little bits of knowledge I'll depart thus making the SLO

Bytes newsletter larger and more appealing. Next he'll add inserts. If so cancel immediately. Lets nip this thing in the bud. OK here goes. Windows Mysteries

The first Windows jewel I'll share is this. **Why run Windows at all?** There's an old joke among PC uses that goes something like this. How do you turn a 66 MHz 486 into a 4.77 MHz 8088. Simple Run Windows. Ha Ha Not too far from the truth. The fact is that Windows does create multiple virtual 8088 PC's in your screen. Each running in a window. This is called the protected mode of Windows.

Its achieved by loading Windows on an 80386 or higher. Its the default mode unless otherwise specified. You can tell what mode your running in by dropping down the help menu from the desktop program manager of Windows and **clicking on "About Program Manager"** There it will tell you if your in the 386 or protected mode of Windows. In this mode several neat things happen. One The processor is shared among the many windows that may be running. How much time the processor actually spends on each window is dependent on the PIF file that opened the program and on the requirements of the program itself. **PIF files tell Windows how much memory to allot a program**, where it is and whether to run in a full screen or a window. They also tell Windows if the program is run in the background or just to be quiet if not in the foreground. Some programs like the print manager or communications programs you want to run in the background Some take a lot of processor time Downloading files or printing a complex color graphic image takes less processor time than say running a tape backup in the background. Keep in mind that many programs such as Carousel or even DrDOS 6.0 can shift one program or another into or out of active memory

(RAM) but **Windows is different.** Each program actually is sharing the computers processor and as such is doing something whether it is up on top or not. This is a powerful feature if you need such stuff. Especially if its automatic **and trouble free which its not.**

The protected mode is automatic on a 386 or higher but you can force the program by a switch in the win.bat file. If you type Win /3 or win /p the program will start in the protected mode. (Win /1 or win /r is the real mode and win /s or win /2 is the standard mode.

What we are speaking of however is the protected or 386 mode win /3. **Some neat things** can be done in this mode. In any DOS application run under Windows in the protected mode you can hit (alt-Enter) to virtualize the program; that is, run it in a window. Thus you can even run DOS in a window by this technique. By the way in case you didn't know DOS is run in Windows by selecting the program manager's drop down menu (file-run then type COMMAND.COM) when DOS appears hit (alt-enter to put it in a window) **Neat Huh?**

Some thing else this one is a little more obscure. It involves using your mouse in a DOS application run in a window. **No easy matter.** How do it know for one thing if its a DOS app or a Windows app. Trust me it

**CONTINUED ON PAGE 7**





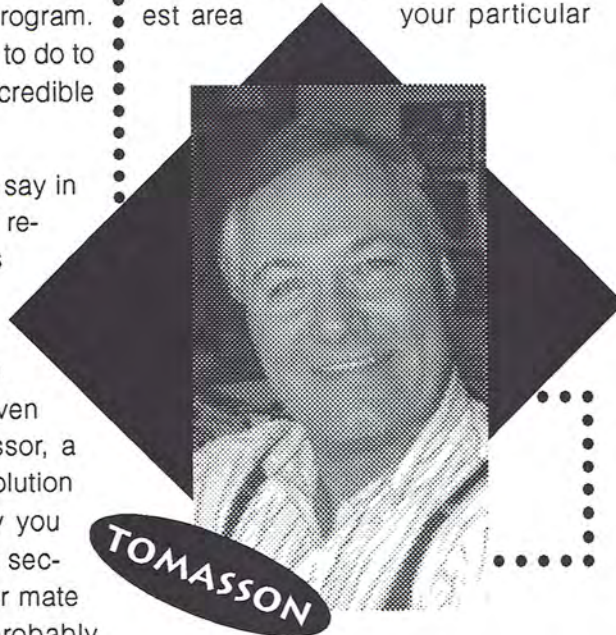
## HOW GOOD DOES IT GET? .....

This rhetorical question was drafted to describe the great and much fabled Adobe PHOTOSHOP. It's too good to be true, too good to be appreciated except by the snobbish graphic elite. You know the kind, they usually around coffee shops, stay up late, wear knitted hats and actually read the documentation of a program. This is exactly what you have to do to get even a smidgen of the incredible potential of this product.

Adobe PhotoShop is as they say in the jargon of the professional reviewer, a robust product. It is so well integrated into the windows environment that it becomes a prime example of just how good it gets, given enough RAM, a fast processor, a color scanner and a hi resolution color printer. What, you say you don't have all that. Well get a second job or better yet get your mate second job. The mate is probably wasting your money on stupid things like food, shelter and clothing anyway if their anything like mine.. Meanwhile you, hard working person that you are don't even have a color printer, color scanner, and 16 MEGs of RAM or so on your local bus 486-66. That's the problem with America we don't buy enough stuff like that. So lets go America. The far east needs the money.

Because the jargon of PhotoShop is so foreign to most users this article may have limited appeal. For one thing most people never install special drivers that come with their graphics cards so they only have 16 colors at any one time to display. A VGA graphics card with 512 k of memory can show 256 simultaneous colors if you have correct drivers, 1 MEG is required to display 256 colors at 800X600 but there are drivers available to display millions

of colors. Next you must understand the difference in graphics types. Basically there are two types of graphics images. Bit Maps are just that. The file is described by a number of pixels on the screen. Each pixel has color, intensity, density and stuff like that. By the way pixel is a word that is thorn about a lot in computer talk. In theory A pixel is the smallest area your particular



system can display or deal with. In VGA its described as 640 little boxes across and 480 little boxes down a screen. 640X408=307,200 little bits of information the system has to keep track of. Super VGA has 800X600 pixels equates to 480,000 pixels An increase of 50 more data. Theoretically a pixel could be the size of an electron but present systems do not have the memory storage or capability to display more than 3000x2400 or so. This is of course only screen resolution , not printer resolution. What you see on a screen is only remotely related to what is sent to the printer sense the resolutions are so different and the drivers for each must translate between the two. Printers are usually described in dots per inch. Most printers cab print at 300 dpi some at 600 dpi and professional offset printers are at 2400 dpi or so. Bit mapped

images must keep track of the resolution at which they are created. The pixels can get larger but never any more detail can be added. That is to say if the thing has 50 pixels across and is say 1 inch long on the screen then many programs will stretch or expand the image but not the number of pixels that describe it. The effect of all this is that jagged look of many of the graphics images like the early apple stuff. Bit Mapped graphic images are those which are scanned or created in such packages as PC Paint, they have extensions like PCX, TIF, BMP,GIF IMG, or in the care of Adobe photo shop PSD. Another type of image or graphics file which is much more sophisticated is called a vector graphic. These graphics images side step all the pixel stuff by not storing their images as bit maps but rather as mathematical equations and symbols. The advantage of such an image is obvious. First they are very small allowing them to be transferred to a printer quickly which can then directly interpret them create the graphic and print it out. A postscript printer has this capacity. Such printers ate subject to printer resolution limitations but not image sizing limitations. Vector images can be sized infinitely without the deg-

CONTINUED ON PAGE 7



# ADOBE PHOTOSHOP THE MOTHER OF ALL BIT-MAPPED IMAGE PROCESSORS

BY GUS W. THOMASSON  
—SLO BYTES PCUG



**WINDOWS HINTS...**  
**CONTINUED FROM PAGE 5**

knows. First of all if the DOS app supports a mouse when its run under DOS like WordPerfect or XTGOLD then it will support a mouse under Windows in the full screen mode. You must of course run the mouse driver that comes with your mouse to use it in a DOS application. This unfortunately

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**PHOTOSHOP...**  
**CONT FROM PAGE 6**

radation of the bitmapped image. True Type fonts use this technology that's why they are so pretty when printed at any size. Vector graphics files end with extensions like CRD for Corel Draw or GEM for Gem draw. Adobe PhotoShop is the mother of the bitmapped image processors while Corel draw is the premier vector graphics program. In using the different packages, the biggest difference I have noticed is the lack of an eraser in any vector graphics package I have reviewed. I guess the routines have not yet been discovered to swath a path across all those mathematically derived images while a bit map is easily erased. A bitmap can be converted to a vector but not easily. Corel trace is a program which can do it.

**THE PROGRAM**

The first step to using the program Adobe PhotoShop, after its excellent and intuitive installation routine which scans your hard disk for a space big enough to accommodate it, is to calibrate your system. This includes the monitor, printer, room environment and light. Even if you have a standard printer the shades of gray should accurately reflect the grays you use on screen in density and tone. And if you have a color printer matters such as ink density, absorption rate and transparency contribute greatly the actual

reduces the memory available to all programs since each will have mouse loaded weather or not it's used by the program. The answer is of course to **load a mouse** in the window that you might need a DOS mouse.

Unfortunately this memory that could be used by Windows disables the DOS-in-a-window mouse use. Windows of course has its own driver for the mouse for Windows programs but for DOS programs it depends on the external mouse driver MOUSE.COM or MOUSE.SYS Now for the fun part.

Its one thing to use a mouse in a DOS application running full screen under Windows. Its quite another to use the

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image you finally generate. The process is subjective and light sensitive and involves the type of paper you use ambient back lighting and temperature of the system.

The desktop reflects the many tools of the professional artist uses in photo-finishing and painting. Such as the airbrush which can spray color obtained from any portion of an image, paintbrush, completely configurable from stiff to light from big to little, etc. eraser paint roller to fill large closed areas with color a lasso to grab any portion of the picture, scissors, sponge for smears and many others too numerous to mention.

The most impressive feature of Adobe PhotoShop to a novice such as myself is not the spectacular output or the many configurable options but the manner in which it handles its displays. With most packages I have used, the images are constrained to the size of the display area or less. In Adobe PhotoShop images may be expanded to the entire screen. Want to blow up an eye in a photograph, lasso it with the lasso tool and hit the expand icon,

mouse on a DOS program that supports one in a DOS program that has been virtualized that is run in a window. How do you do it? **Er, ah well, its like this.** In the SYSTEM.INI file there is a section called [NonWindowsApp] under this section add the following line: mouseindosbox=1. This will allow you to use the mouse in a DOS window. It does add one small complication. One of the **nice things** about Windows is the ability to copy data to the clipboard in any program and then import that data to another application. With the DOSinmousebox variable set to 1 you loose the ability to graft text to the clipboard. But the process is available if you click in the upper left DOS box a menu appears select edit-mark and drag a box around the data you want to copy to the clipboard. From there you can use it in any other application. Select edit and paste and voila, the data appears.

That's all I have time for this week, leave me questions to be answered in this series on the bulletin board. Tell next time **Peace in the brotherhood of Windows.** ○

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instantly the eye fills the entire screen. Wow the individual pixels at this resolution are clearly visible and may be altered individually are in mass. All tools are available in this mode just as they are in the real size mode. In summation Adobe PhotoShop is the most in-depth image processing program I have had the pleasure to examine. Its interface is clean well designed and easy to use for both the professional as the amateur artist. Be Happy and Compute well! ○

**Adobe Photoshop for Windows 2.5**  
**Adobe Systems Inc.**  
**P.O. Box 7900**  
**Mountain View, CA. 94039-9887**  
**1-800-83FONTS**



1 which appears to want to reverse that trend. Yes, my friends, our very own Microsoft Corporation, the purveyor for years of yours and my favorite operating systems, and of late, of our favorite add-on graphical user interface, have created a DOS based upgrade for Microsoft Word users.

2 I know what you are thinking, you cynic. You think that they have abandoned those of us too stupid or too poor to convert to Windows. NOT SO! Nope. No Way. They have introduced Word for DOS 6.0 to allow all of us non-Windows simpletons to drag our paragraphs around the screen just like the big boys. What's more, we get Grammatik, and spelling and grammar checker, thrown in for free, and we can also select from some powerful, op-

5 To be fair to Microsoft, they did make a few minor changes or upgrades from 5.5 to 6.0. Besides drag and drop editing, you can now click on the ribbon to format text in a table. This allows you to bypass some of the old, confusing instructions on creating tables by keyboard, and learn some new, confusing instructions on creating tables by point and click. Other additions include a listing of your most recently opened documents in the file menu. You can click directly on them without opening a directory list to hunt for recent work. Also, the print preview option, where you can view your printed work on the screen, has been modified to include the ability to zoom in and look closely at work, as well as review two pages at a time. Finally, you can password protect your documents with WORD for DOS 6.0. Still, this "upgrade" actually is less powerful in meaningful ways than the Microsoft Works for DOS 3.0 upgrade which was released last winter. Don't the Word folks and the Works folks at least compare notes once in a while?

What does all of this mean. Simply this—if you must do word processing in DOS, use WORD for DOS 6.0. Like

3 tional point and click options on the screen based ribbon bar, and pretend that we have buttons to push just like the other guys. (Actually, except for the drag the paragraph stuff, you could already click on the ribbon bar in Word 5.5, so the point and click hoopla is not really a big deal. But for the real Neanderthal, the WORD 5.0 or earlier user, of which are no more than 5 or 6 in captivity due to the Wordperfect cornering of the DOS market, this version of Word is a real upgrade.)

4 Truthfully, Word for DOS 6.0 is the best word processor available for DOS users. (If you use WORD for WINDOWS, you know how good it is!) Microsoft Word has always been superior to Word Perfect, unless you enjoyed buying your mother-in-law a copy of Wordperfect without the documentation. But, for everyday use, Microsoft Word is an easy to use, well documented word processor. DOS Version 5.5, which I have used for years, is powerful and userfriendly. Unfortunately, it doesn't do True-Type Fonts, and people like me have been limited to whatever our printers come equipped with. I have a poor man's laser printer—the HP Deskjet, and I was really looking forward to installing WORD for DOS 6.0, because the large print said that it did True-Type Fonts. Only inside the shrinkwrap did the fine print say that True-Type fonts aren't available on the HP Deskjet. That means that they are available on a laser printer, which, if you have one, you already have windows and so you could care less, or on a Dot Matrix printer, which if you have one, you already know that True-Type Dot Matrix print looks like it was done on a Dot Matrix printer. So, I must tell you that I was disappointed by WORD for DOS 6.0.

6 the earlier versions, you can't beat the features and logic of WORD for DOS 6.0. DO NOT, however, be surprised if the newer Microsoft products give you fits on a DOS that is not produced in Washington State. [He means that DR DOS users will find that the newest Word and Works upgrades don't work well on DR DOS. I wonder why?] If, like me, you needed the re-

7 lease of this new product to convince you to finally enter the Windows world, then Microsoft has made it easy. Yep, they really are trying to do the right thing. When you WORD for DOS 6.0 purchasers realize that the upgrade is not worth it, you can send in a coupon you received with you disks, and this coupon, along with \$15.00 will get you a copy of WORD for WIN-

8 DOWS 6.0 when it is released. Pretty fair deal if you ask me. After all, if Microsoft had sent me a letter saying, "Come on Illman, spring for Windows, get Word for Windows and get with the program", I wouldn't have done it. But, appealing to my cheap side, they got my interest by promising True-Type Fonts for DOS, 1 bit, and now I will do the right thing and get Windows and a great deal on Windows Wordprocessing. Of course, if you haven't bought this upgrade yet, why not skip it, learn from my mistake, and just go directly to the Windows purchase. Bill Gates will still love you, and the money will still flow into the Seattle economy. ○



## CLUB INFORMATION

**HARD COPY** 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, editors, 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 and newsletter submissions to:

**BOB WARD, SECRETARY**  
2100 Andre Ave.  
Los Osos, CA. 93402  
(805) 756-2164

## NEW MEMBERS

...for the month of October, 1993.  
Welcome!

• Newell Beck	489-0109
• Eugene Peters	
• Gary Peterson	438-5837
• Donna Sylvester	773-1866
• Wayne Williams	543-5181

## 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 to 2:00 pm.

• **General Information SIG:**  
Fisher Hall 286

• **New computer user SIG:**  
Fisher Hall 292



## SLO BYTES OFFICERS

• President	George Campbell
• Vice President	Sam Powers
• Treasurer	Marilyn Jenkins
• Secretary	Bob Ward
• Editors	B. Ward & T. Sorgatz

## SLO BYTES BBS

(805) 528-6172

14,400 / 8 / N / 1

PC FILES (9,000)

AND MESSAGE SECTION

## FLOPPY DISKS 4-SALE AT THE MEETING

• DSDD 360K Formatted Floppy Disks with labels, tabs, and sleeves .	55¢ Each
• DSDD 360K Formatted Label Over Floppy Disks .....	45¢ Each
• Generic High Density Formatted Floppy Disks (5.25" X 1.2 Mb) .....	70¢ Each
• Generic 3.5" X 720K Formatted Floppy Disks .....	70¢ Each
• Generic 3.5" X 1.44 Mb Formatted Floppy Disks .....	90¢ Each
• New Library Disks .....	90¢ Each

*All Disks fully guaranteed against defects.*



## TREASURER'S REPORT

### SLO Bytes PCUG Expenditures October, 1993

Beginning Checking Balance	1411.80
Expenses:	
Newsletter 9/93	(130.24)
Bulk Mail deposit	(200.00)
2 CD's for Library	(24.50)
BBS Phone Bill.(September)	(8.90)
Club Long Distance Chgs. (September)	(23.48)
	=====
Deposit 10/04/93	387.12
	320.20
	=====
Checking Balance 10/04/93	1344.88

## LIBRARY NEWS BY BOB WARD

Time's running short, but here's a couple disks to keep me out of trouble from the shareware gurus at the next meeting.

Thought I would cater to the Windows enthusiasts this month. We you wanted them, here they are.

**#579 WIZMGR**—Wizmanager ver 1.1c is a Windows file manager add-on.

**#580 PONTMSTR**—Pointmaster v 1.1. a Windows graph maker. ADIAL10 - Phone dialer.

**#581 LVIEW25**—Windows JPG, GIF Viewer. TAIL - become a tailgunner with this game.

**#582 WINIMA**—Windows disk copier. Copy disks in the background. TANGROO - Education Tool, help build skills in problem solving.