

Orange Coast IBM PC User Group

# README.DOC

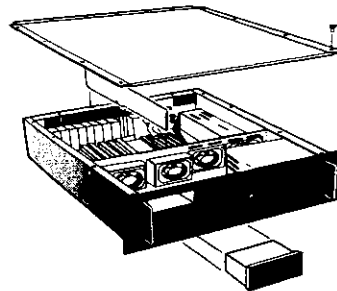
January 1997

Newsletter

Version 13.1

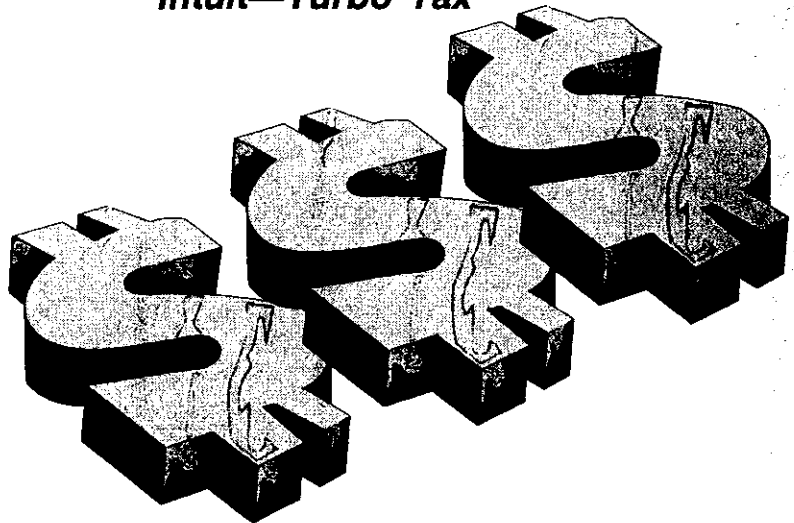
*The January 25, 1997, 9:00 a.m.  
General Meeting will feature:*

*PowerQuest—Partition Magic  
ZyXEL Modems  
Comp USA—New discounts*



*The February 22, 1997, 9:00 a.m.  
General Meeting will feature:*

*Parsons Products  
Intuit—Turbo Tax*



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All items submitted for publication are subject to editing. We reserve the right to refuse any material submitted for publication.

Send all submissions to the Editor, on or before the deadline.

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1. Upload to the Newsletter Section of the Bulletin Board, Files Area.
2. Upload as an attachment to a message to the Editor in the BBS Message conference 10-Newsletter.
3. 3.5" disk mailed to the Editor in time to meet the deadline:

OCIPUG

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# President's Message

Ken Kamber

Many thanks to the members who chose to elect me to this position. I feel humble when I look at the example of some of our recent presidents who are still active. I know of no president who has shown more integrity than Ed Lee. No president has worked harder, over an extended period, than Bob Basaraba. No president has made more contributions over the years than Stan Sabin. No one I know is a better educator and author than John Goodman. These active former presidents have set very high standards. My only hope is that they will help me make my best effort *better*.

Even though I have been a member of the club for a long time, I have only been active for a couple of years. I am impressed with all the volunteers and their efforts in support of the club. It isn't possible to list all the volunteers, but allow me a few examples.

The Program Committee, led by Alan Liebschutz, has worked extremely hard and should be given credit for keeping our club alive. Without the monetary returns generated from the software auction, we would not have been able to pay the rent on our SIG space. The efforts of Larry Pierce as Treasurer have led to the recent comment by our auditor that the club's financial records are in the best shape in its history. Our Secretary, Terry Dewitt, said little, but did everything. For personal reasons, she had to resign and has been replaced by Morris Fier. Our previous BBS System Operator, Bill Krehbiel, did an amazing job of collecting, collating, evaluating, and implementing Internet e-mail on our BBS.

There are many more members who have worked just as hard, and some even harder. I believe we need more members doing less to make the various tasks smaller and more fun. We have need for help in every area of our club. At this time, one of our greatest needs is in publishing. We can always use experts, but being an expert is not required. The only requirement is being willing to learn. If you will contact me, we will match critical club needs with individual desires. One of the things I would like to make available to our members is a non-commercial

membership list. The content, to be determined by the new Board of Directors, could contain names, street and e-mail addresses, phone numbers, and interests. This list could be used for zip code searches to facilitate carpooling to our meetings. It could be used to answer questions asked by members at the general meetings or SIGs. It could be used to send newspaper or magazine articles, or for a free admission ticket. Some people will not wish to be on this list, and their wish will be honored.

The OCIPUG Board of Directors will provide ample time for individuals to make their decision. The Board will also determine how the list will be made available to members.

One of our members has expressed the perception that our club supports the product vendors more than OCIPUG members. My platform stated that the members will come first. It is true that product manufacturers are our second largest source of income. They contribute products for our annual auction, which is a vital source. When speakers come to our general meetings or SIG meetings, we must remember they are our guests and we should treat them as such. Instead of saying, "Your company doesn't provide product support," why not say, "I had an expensive phone bill from being placed on hold while trying to get product

support. Are there times when I can call and be placed on hold for shorter periods?"

Richard Katz, the user group interface leader for Intuit, made a statement at COMDEX that was agreed to by all the user group support people present. He indicated that present or future sales was the main goal of speakers sent to clubs to give talks. For the most part, these speakers are highly-qualified technicians in the use of their product. Since they are in a sales mode when talking to us, they very seldom volunteer information about limitations or defects in their product. I don't believe I have ever heard a company representative knowingly give false information or give an intentionally incorrect answer to a question.

The main purpose of OCIPUG is for people to help people with computers. Within our club, members can get multiple, financially-unbiased answers to questions. The vendors are an important source of revenue for us. The budget for user group support is being reduced for almost all vendors. Please remember that the presenters are our guests.

The presenters are given a fixed amount of time to cover presentation of products. If they ask us to hold questions until the end, we should do so. Members should hold up a hand to be recognized by the speaker before asking a question, and should identify themselves prior to asking the question.

Our paid membership has been declining steadily. Some people have said our dues are too high. Each year I probably save more than my dues at the product auction, without even considering the special discount offers received at general meetings and SIG meetings, and discounting the \$200 Hayes Accura 288 (really runs at 33.6) modem that I won at a general meeting drawing this year, because that doesn't happen every year.

Everyone needs to work on membership. Wear your badge. If you see someone without a badge, introduce yourself and talk about OCIPUG. Bring a friend to a meeting. Give a gift of club membership to someone who could use our kind of help.

## GIFT MEMBERSHIP

Dean Sowers

Does anyone still have holiday shopping to do? How about giving someone a gift membership to OCIPUG? Perfect for your friends and relatives. Also nice for the neighbor who is a novice user ... and knows YOU'RE the local expert! Fill out the membership form in the README.DOC with the receiver's name and address. Make sure to write the receiver's name in the MEMO section of your check. The receiver will be mailed a README.DOC with a FROM sticker and a note congratulating him/her on becoming an OCIPUG member.

— Give the Gift of Education —

**January Program**

**To Be Held on January 25, 1996 at 9:00 a.m. at the Orange Coast College Science Lecture Hall**

For the January General Meeting, the first meeting of the new year, PowerQuest will present their latest version of Partition Magic for the new 32-bit FAT file system of Win 95 and the NTFS file system of NT 4.0. Zyxel will show us their latest robust modems, both 28.8 and ISDN, and their network routers.

**Partition Magic version 3**

Are you getting the most of your hard drive? Are you loosing hundreds of megabytes of hard disk space due to inefficient cluster sizes?

As drives have gotten larger, 1 GB and beyond, storage cluster sizes have grown to 32K. If a 2K file is saved in a 32K cluster, the unused portion, 30K, is lost. Thus, hundreds of megabytes can be lost for a normal 1 GB drive. By reducing the size of a partition, cluster sizes become smaller, thus regaining lost hard-disk space.

Power users understand the secret of mastering hard drives: hard disk partitioning. Dividing a hard drive into several partitions efficiently organizes operating systems, programs, and data. Modifying partitions after the original disk setup was a nightmarish task demanding that you back up data, delete existing partitions, create and format new partitions, reinstall the operating system, and finally restore the applications and the data (which hopefully wasn't destroyed along the way). To modify your configuration, you had to repeat the entire day-long process. PartitionMagic has made dynamic partitioning a short, easy process.

New computers are preloaded with a new OEM version of Windows 95 employing a 32-bit FAT and Windows NT 4.0 has a new file system, NTFS. Microsoft has developed these new file systems in order to easily address large hard drives and to be able to more efficiently address sector size. With PartitionMagic 3.0, optimizing a hard drive, for these new file systems without destroying data, is as easy as clicking our mouse. Even the novice computer users can visually create, format, shrink, expand, and move hard disk disk partitions in minutes. It exploits the full capacity of your hard disk.

PartitionMagic also includes IBM's Boot Manager and features from MicroHelp's utility, Uninstaller.

FAT32 — allows users to have a partition larger than 2GB but does not allow partitions smaller than 512MB. This new version of PartitionMagic converts existing FAT partitions to FAT32 when appropriate, and also can convert FAT32 partitions back to FAT16.

Partition Copy — permits users to copy partitions from one hard drive to another, to make backups of system partitions, and facilitate the installation of Windows 95 in a separate partition without reinstalling applications.

Applications Mover — moves applications and their related files from one partition to another.

Cluster Analyzer — analyzes specific partitions to calculate disk efficiency and cluster waste.

Drive Mapper — helps update drive letter references for partitions and peripheral attachments such as CD-ROMs and removable storage devices.

**ZyXEL Modems**

ZyXel makes modems known for their ability to maintain high speeds and clear quality connections regardless of where you are communicating around the globe. Models include the Omni 288S for analog to digital communication, the Omni TA 128 ISDN modem, the Elite series that include both ISDN ready and ISDN models, and the Prestige 2864I remote access router.

Omni288 is a 28.8 modem with either serial or parallel port models. Omni TA128 is the ISDN version.

The 288S:

- Is equipped with a high-speed port interface for DTE speeds of up to 460.8 Kbps;
- Provides auto data/fax detection and serial port connection directly to a postscript printer for stand-alone printing of incoming faxes;
- Prevents unauthorized connects to your system with callback security and password protection features;

—Offers voice commands, compression schemes, and tone detection to accommodate a voice mail system;

—With TAPI (Telephone Applications Programming Interface) support, allows voice messaging, voice response, and computer telephone integration; and

—Provides flash EPROM memory for easy firmware upgrades.

Elite 2864, with its flexible hardware architecture, provides an extensive array of modem, fax, and voice functions. Plus, it provides easy upgradability to ISDN. This is the ideal solution for users who are considering ISDN for future use, but who need V.34 modem speeds now. Elite2864I is the ISDN version. These modems can maintain high quality connections and high speeds especially during adverse line conditions.

The Elite series :

—Automatically falls back to lower speeds when communicating with slower modems or when line conditions degrade; and maintain compatibility to Zyxel proprietary 19.2 and 16.8 Kbps speeds;

—Complete with both serial/parallel ports, integrates serial interface speeds up to 460.8 Kbps. The parallel port connects to a standard bi-directional PC parallel port for maximum speed data transfers. Users may also receive faxes by connecting the parallel port directly to an HP PCL compatible printer.

—Provides auto data/fax detection. Also with an optional 8MM DRAM module for storing received faxes, it can provide overnight stand-alone fax receiving. Besides voice commands, compression schemes, and tone detection, it provides convenient and versatile voice messaging input/output means such as microphone and speaker jacks. A regular telephone set can be plugged into the modem's phone jack for voice messaging recording or playback.

—Provides flash EPROM for easy firmware upgradability.

Prestige 2864I - is a remote access router that combines an ISDN terminal adapter, V.34 modem, LAN router and Bridge into one complete standalone package. This modem was built for the users who want to simplify the way they manage their remote sites.

## December Program

Held on December 14, 1996 at 9:00 a.m. at the Orange Coast College Science Lecture Hall

(Editor's Note: Because of the Holidays, this issue of README.DOC is being published after the General Meeting. However, the usual summary by Alan Liebschutz is presented for future reference.)

### Auction

We still have about \$6k of software left from our September Auction in which we raised 18% more than last year. This software will be auctioned off in December and at future General Meetings by Jerry Man of the Program Committee.

### Software Presentations

For the December General Meeting, in time for Christmas, we will have a software presentation from Broderbund on their new Windows 95 *Print Shop Ensemble III*, their newest math program for kids, *Logical Journey of the Zoombinis*, and the new upgrade of the game, *Where in the World is Carmen Sandiego?* Very special discounts will be available on all of Broderbund products.

Dr. John Goodman will speak on the basics of memory management and Mike Spilo of Helix will discuss further Helix memory management software such as Hurricane and Netroom.

### Broderbund Products

*Printshop Deluxe CD Ensemble II for Win 3.1 and Printshop Ensemble III for Win 95* Twelve years after Broderbund first brought publishing into the home, The Print Shop, in its latest incarnation as Ensemble II for Win 3.1 and as Ensemble III for Win 95, continues to impress families with its versatility and its broad selection of graphics.

*Print Shop Deluxe CD Ensemble* lets you create 11 project types, including cards, labels, certificates, calendars, signs, letterheads and postcards.

*Print Shop Ensemble III for Win 95* also enables users to create and print greeting cards, signs, banners, certificates. It has a Graphics Browser that allows accessing over 5,500 graphics and has 100 photo images, 100 fonts, 1000 ready made designs, and photo

accessories which allows you to insert your personal photos into pre-designed frames. Also included is a spell checker and thesaurus, an oversized 8 1/2" x 5 1/2" greeting card size, and easy access to the Internet for an endless supply of free graphics and quotations. You can use the new On-Line Greetings to send "cyber messages" to your friends and family. A multimedia Print Shop Idea Guide is also included to provide valuable hints and topics on how to embellish your Print Shop projects.

*Logical Journey of the Zoombinis CD for Win 3.1 or Win 95*

With the *Logical Journey of the Zoombinis*, kids ages 8-12 build advanced math thinking skills as they lead the Zoombinis on their escape to a new homeland. Twelve sets of puzzles develop data organization and thinking skills necessary for understanding advanced math concepts, such as algebra, set theory, graphing, data analysis and sorting, statistical thinking, and logical reasoning. Randomly generated puzzle solutions automatically adjust to a player's skill level.

*Where in the World is Carmen Sandiego?* CD for Win 3.1 or Win 95

Expand your knowledge of world geography, with Broderbund's newest version of this popular game, as you track crooks' trails through painted locations rich in history, culture, and music. Learn more about 50 countries and cultures as you get verbal clues from over 200 animated characters. Solve cases by using the almanac included with the game, and a detailed reference data base filled with essays, color photos and video clips from The National Geographic Society.

Immerse yourself in different cultures as you pan through scenic landscapes, listen to appropriate music, and learn new facts. Take a guided tour of each location, track clues on an Electronic Notepad, and make the arrest before your battery meter runs out.

### Memory Management

Memory is a valuable commodity, especially when you are running windows. As John

Goodman has stated to me, "So you thought that Windows 95 made worrying about memory a thing of the past? Hah! Microsoft fooled you. No matter if you are running DOS programs, Windows 3.1, or Windows 95, understanding how your PC uses memory (RAM) and how you can help it do so more capably has never been more important."

This month we are fortunate to have Dr. John Goodman, our resident OCIPUG memory guru, and Mike Spilo, President of Helix Software (and lead programmer of Microsoft's MemMaker, as well as the Helix products Headroom, Netroom, and Hurricane) speak to us.

Dr. John Goodman (past president of OCIPUG, author of "Memory Management for All of Us", "Hard Disk Secrets", and "DOS 6.0 Power Tools", and a member of InfoWorld's Review Board) will present an overview of the subject of Memory Management, with an emphasis on how Intel's design of the original 8088 CPU chip still straightjackets all PC users and their programs and how DOS memory management can offer at least limited relief.

Mike Spilo has been programming since the age of 12; he is the named inventor on 5 issued US patents on memory management. He will continue the story of PC memory, its problems, and some possible solutions with a discussion of how Windows uses RAM and how you can help it do better.

### Some of the topics of discussion will be:

- ◆ What is memory: How does RAM work, and how is RAM different than disk memory?
- ◆ What is virtual memory?
- ◆ What is DOS memory: the first megabyte and the 640k barrier?
- ◆ What are Windows resources and why does one get "out of memory" errors when the system says that there's are lots of memory left?

◆ How to add RAM to a system and what should you be concerned about when adding RAM?

◆ How much RAM is enough?

◆ Why and when do you need memory management software in DOS, Win 3x & Win 95?

◆ How do Helix memory management programs work and what do they do?

**Hurricane 2.0**

Even with RAM prices now low, Hurricane 2.0 delivers some worthwhile enhancements. It expands usable memory without a performance hit in Win 95, and has Win 95-specific functionality, and eliminates most of the end-user tweaking of the previous version. Hurricane finds and uses unused RAM, and when coupled with Stacker-licensed compression, it can make the unused RAM perform like additional memory.

WinPack adds a fourth button to the title bar. Rather than just minimizing applications, it also compresses them, while still maintaining background execution. The program decompresses when accessed. An IBM Thinkpad 755CD with 24 MB of RAM and running Word 7 and ECCO Pro 3.0 simultaneously used 85% of physical memory and 20 % of virtual memory. When both were WINPacked, memory utilization dropped to 78% and 19%, respectively, freeing up 480K of physical memory.

**Netroom**

Netroom features "cloaking" technology, a unique way to gain memory by moving programs to 32-bit protected mode memory of your PC. For example, cloaking takes 96k of system and video BIOS and reduces it to a mere 8k by running your BIOS in extended memory.

Cloaking also updates your BIOS to the latest versions available and includes free BIOS upgrades for all systems- a PC running an older BIOS is automatically updated to the current BIOS via a free software upgrade.

**Plans for Future Meetings**

**January 1997**

Partition Magic- Gene Barlow,  
Powerquest

Zyxel Modems- Jenniffer Mackey

Comp USA- New Discounts-  
Crystal Nowaski

**February 1997**

Parsons Products- Matt McCann

Intuit- Turbo Tax- Elizabeth Dougherty

**March 1997**

Netcom Internet Products-Jason Starr

Symantec- New Norton Products-  
Hart Macklin

**April 1997**

US Robotics Modems

Microsoft Windows NT 4.0

**Thanks**

**To our vendors for making the  
OCIPUG AUCTION such a success:**

- |                            |                              |
|----------------------------|------------------------------|
| Activision                 | Intuit                       |
| Adaptec                    | Legend                       |
| Adobe                      | Lotus                        |
| Aims                       | Lucas Arts                   |
| America Power Conversion   | Macromedia                   |
| Anchor Pad                 | Mc Afee                      |
| Avery Dennison             | Micrografx                   |
| Books That Work            | Microsoft                    |
| Borland                    | Microsoft@ Mindshare         |
| Broderbund                 | Mustang Software             |
| Caere                      | NetCom                       |
| Capsoft Corp.              | New Vision Technologies      |
| Cirque Corp                | New World Computing          |
| Command                    | Nolo Press                   |
| COMPUSA                    | Novell                       |
| Connectsoft                | Optical Coating Laboratories |
| Corel                      | Parsons                      |
| Datastorm                  | Popular Mechanics            |
| Dynamix                    | PowerQuest User Grp Rel      |
| Earthlink Network, Inc     | Promise Technology, Inc.     |
| Edmark                     | Ray Dream, Inc               |
| Electronic Arts            | Sierra                       |
| Four Home Products         | Sir Tech                     |
| Fractal Design Corporation | STAC                         |
| Gibson Research            | Starfish                     |
| Hayes                      | Symantec                     |
| IBM                        | Timex , Data Link Div        |
| INSO Corp(Sys. Comp. Corp) | U.S. Robotics                |
| Interactive Magic          | Western Digital Corp         |

**October***October 26, 1996*

We've grown used to seeing Michael Springer before us as a host of "Random Access." Before this 141st General Meeting he again played this role, showing extensive knowledge of hardware and software, and dispensing reasonable answers to questions submitted, or from the floor. New members need to know that Michael (#944) is a professional engineer (electrical) and an experienced teacher at college level. He's been a fantastic asset to OCIPUG with the RBB, in giving seminars, and in contributing valued technical articles to README.DOC. I'd vote for him if he ever sought ANY OCIPUG office; he's told me more than once he's just not interested in this aspect of club involvement.

At 9:05 AM Michael yielded the floor to President Ed Lee, who urged that members vote in our mail-in election. Ed announced that Bill Spicer has stepped down from his positions on README.DOC, and that we need urgently someone skilled in layout to replace him.

Program Chair Alan Liebshutz then introduced ADOBE's Peter Svensk (E-Mail: psvensk@adobe.com), who spent the major part of the meeting demonstrating all aspects of ADOBE's PageMill 2.0, PageMaker 6.5, and PhotoDeluxe. Peter has appeared before us on other occasions; on this, as on those, he did a splendid job. PageMill first appeared on the MacIntosh; 250,000 copies were sold. Alan effectively summarized its features in October's README.DOC; Peter showed us details and techniques of use. He did the same for ADOBE's PageMaker 6.5 (out on the shelves in December) and ADOBE's PhotoDeluxe.

Mike Moran is an Associate with TAMCO, a representative of IOMEGA. Mike showed up bare-handed, with little except his willingness to accept questions and his promise to get answers. We had expected a full presentation directly by IOMEGA. Alan's article in October's README.DOC gave us the basics of the IOMEGA Zip and Jaz Drives. Herb Huey and Harv Haight in

README.DOC articles have discussed successful experiences with these products, but questions and comments from the floor quoted an inability to get help from IOMEGA and some questionable product performance. OCIPUG members told Mike that IOMEGA should serve its customers better, and that we expected a reasonable explanation for the "no-show."

Program Committee member Jerome Man concluded the meeting with a spot auction of programs left from our September meeting. In a drawing for three copies of PhotoDeluxe from ADOBE, Louis Pappas (#2177), Gerald Sinykin (#994), and Francis Smith (#2525) were winners. OCIPUG thanks ADOBE for the chance for these members to try PhotoDeluxe.

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**November***November 25, 1996*

Guru Michael Springer answered questions in "Random Access" prior to this 142nd General Meeting. At 9:00 AM Election Committee Chairman Steve Schiffman opened the formal meeting by announcing election results:

President - Ken Kamber, Vice President - Douglas Nowlin, Treasurer - Larry Pearce, Secretary - Terry de Witt, Directors (1997-1998) - Richard Black, Richard Hunter, Jim Kirkpatrick, Dean Sowers

Director and Program Chairman Alan Liebshutz next spoke of his contacts with IOMEGA, to complain about the no-show at our last meeting. His talk resulted in apologies, discount privileges for ZIP/JAZ drives and disks, and special toll-free priority telephone numbers for contacting IOMEGA (see Alan).

Alan then introduced Alisha Sigler and Albert Gusman from MICROSOFT's Southern California District. Ms. Sigler and Mr.

Gusman demonstrated the ENCARTA 95 ENCYCLOPEDIA FOR WINDOWS, now taking two CDROM disks, and explained the new MICROSOFT features for the INTERNET. In his preliminary in the November README.DOC, Alan had given extensive details of what Ms. Sigler was to show, but PUBLISHER 97 was not available at this time.

"Software Evangelist" Richard Katz from Intuit proved as popular today as he has been with previous presentations to OCIPUG. This time he showed the newest QUICKEN products, including FINANCIAL PLANNER V2.0 (to cover birth to "end of support").

After a brief break, Program Committee member Jerome Man introduced Dracos Istrate, whom he called "Dracula," derived from Istrate's birthplace of Transylvania. It was obvious that he had useful experience with PC repair to impart. Most of his views reflected those of us who do repair or teach repair, although some recommendations hardly apply. In this California of line spikes, surges, and brown-outs, it would be foolhardy at best to leave an installation on 24 hours a day with the usual line conditioner. Also, today's attempts to employ "green machine" techniques offer other failure modes and can lead to expensive repairs. From the interest shown by members in Istrate's talk, perhaps future meetings or articles are called for, to show individual members how better to help their machines survive!

After Mr. Istrate, Director and SIG Chairman Preston Hill introduced SIG Chairs and Committee Leaders, for reports and announced changes.

Before a final drawing, Alan Liebshutz and Jerome Man auctioned off residual OS/2 programs. In the drawing, Louise McKane won a copy of QUICKEN software (based upon Katz's random selection from fill-out sheets). Stephen Chao (#1729), Harv Haight (#52), and Tom Millard (#262) won three additional QUICKEN programs. OCIPUG thanks Mr. Katz and INTUIT for their generosity.

# Herb's Hangout

Herb Huey



bit OS so that the time counter is likely to go to 64-bits. This will take us into the year 6600 A.D. which should ease the minds of most people.

## Signing Off - A Storage Dilemma

I still haven't solved my backup storage problem. I still balk at the expense of the Jaz even though it looks like the most promising storage solution. I received a message from Rudy Wolf about his experience with the Jaz drive. Rudy had to return a drive after only five days of use. The replacement drive is now three months old. What worries me is that Rudy also had to return a cartridge after using it for backups about 20 times. Somehow Rudy lost the preformatting on the cartridge and he performed a full format on the cartridge. The format was never completed and he had to send it back in.

Omega is legendary for its poor technical support. Infoworld reported on the poor response by Omega's technical support and the \$14.95 fee that Omega wanted for even the simplest questions. Rudy posted a message on Jim Wu's Unofficial Omega Web Page at <http://www.akula.com/~jwu/wwwboard/wwwboard.html>. I did a little browsing and there were quite a few gripes about Omega's poor tech support. Stephen A. Langford even had the Utah Attorney General look into the matter with Omega's tech support.

Omega has grown rapidly since January 1995 when stock prices were \$4 a share up to a peak of \$110 a share. At that point the stock split to \$55 a share but now the stock is around \$15 a share. If Omega improves the quality of its products and tech support then we can expect Omega to rebound. Meanwhile the Zip drive is selling like hotcakes and the Jaz drive is taking off.

My department has ordered six Jaz drives to supplement and eventually replace our MegaDrive removable hard drives (affectionately called "bricks"). If the Jaz is at least as durable as our "bricks," then we

17 will have a winner. Meanwhile, all is not quiet on the SyQuest front. The 1.3GB SyJet is expected to be out on November

Continued on page 17

## The Second Millennium

Back in the September 1996 issue of README.DOC, I predicted there would be major chaos in our mainframe programs at the stroke of midnight, January 1, 2000. Many companies are still using legacy applications written in COBOL. However, most of our COBOL programmers are already forgotten and buried. Many of them would have laughed in your face if you told them that the programs they wrote in the 50s and 60s would still be used in the year 2000. Today, one of the hottest sellers is COBOL disassemblers that can help locate all the places in programs that ask for a date.

If you ask a large group of business users if the applications used in their workplace are Year 2000 compliant, you would get a lot of smiles and head nodding. Now ask them if all their hardware is Year 2000 Compliant and those smiles will quickly disappear. Try this on your computer, set the time and date to December 31, 1999 at 11:59 p.m. and see what your computer says after one minute. I tried it on my three computers and they all correctly reported that the new date is Saturday, January 1, 2000. However, a friend at work demonstrated a 486 laptop running Windows 95 that reported the new date as January 3, 1980! Mr. Corporate Businessman start checking your corporate computer hardware before it's too late!

This may not strike fear into the hearts of the average home user at first but it should. Microprocessors are used in practically every electronic device. What if they should fail? Imagine the traffic lights that get out of sync or the bank vault that refuses to open or shut because of the wrong date? Will the elevator be reliable on New Year's Day? At home, your VCR may not record at the right time or your sprinklers and electronic temperature control may not work correctly. What are you going to do about all those remote controls for your TV, VCR, and stereo? There is nothing more annoying than having to simply change all the times on the clocks built into your electronic equipment. Finally, if you decide to go out will the fuel injection system in your car go out of whack because the date has changed?

What's more this will happen over a three-day holiday weekend. Will there be anybody around to fix or reset all those electronic devices during the holidays? Okay, so everybody is going to make sure that all their hardware and software are Year 2000 compliant ahead of time, right? Has your heartbeat returned to normal? Now for the next shocker. Time will end on February 5, 2038 at 3:12:44 a.m!

Herb, now you have totally gone whacko but most UNIX guys will understand. UNIX has been keeping track of time since January 1, 1970. All those seconds are stored as a 32-bit integer. The biggest number that you can store in 32-bits is 2,147,483,648 which translates to February 5, 2038 at 3:12:44am GMT (Greenwich Mean Time)

Since UNIX was meant to be a portable operating system (OS) among different types of computers and CPUs, it was essential for UNIX to keep track of time. Nobody thought that UNIX would survive to the Year 2000 but UNIX is a survivor and will probably be around in 2038. What will happen at this time? Probably nothing. It is very likely that the counter will just reset itself and go on counting. UNIX is now evolving into a 64-

# Tech Tips



The cables discussed in the November 1996 column were terminated with plugs formally designated as type RJ11; these connect between the wall plug and the body of the telephone set, and fit both 4-wire and 6-wire flat cables. For a simple connection, only the red and green wires are active; at the wall jack into which the plug fits, the red wire is plus and the green wire is negative. The red wire is nominally "ground," and the green wire is nominally -48 to -50 volts DC. In telephone jargon, the green negative lead is T (for tip), and the red positive lead is R (for ring). This derives from tip and ring parts of the special plug used in OLD, OLD manual switch boards. To connect the handpiece to the body of the telephone, a plug similar in shape to the RJ11 is used, but with a smaller width; the RJ11 won't fit into the jack where the handpiece cable connects nor into the handpiece itself. The connecting cable has a REVERSE connection. DON'T plug this cable into the wall jack; this will endanger a connected handpiece or the cabling (the phone company could get REALLY unhappy and might cut off your service).

The DC voltage between the pins that contact the red and green wires is from the "talking battery" in the telephone office, and the lines have considerable DC/AC resistance. This means that if a lot of current is drawn, the voltage available can become low enough so that the phone won't work properly. You can install additional extensions to an original phone, but voice level will drop with MANY phones on line. Some phone answering devices may also reduce available voltage, although most of these use line plug-ins to power built-in electronic circuits.

Let's talk about the functions that a "standard" telephone performs.

1) When the handpiece is lifted from its cradle, it requests of the central office use of the system. The central office sends a dial tone to show the system is ready to use.

2) By the caller pressing number or symbol keys (ignore the rotating dial type phone), it transmits to the system the number being called. It receives tones sent by the system to indicate the status of a call in progress. A "ringing" signal, roughly sinusoidal (from

16 to 60 Hz), generates a tone or rings a bell to indicate, at the phone being called, an incoming call.

3) By changing the flow of DC current, it changes speech by a caller to electrical signals, and electrical signals received by the called party to speech. The usual voice signal response is from 300 Hz to 3400 Hz.

4) It adjusts automatically for ambient changes of available power.

5) It signals to the system when party calling or party called hangs up his handpiece.

When the handpiece is secure in its cradle, two switches are open. The red and green wires between them have about 50 volts DC; they go to a "ringer" circuit that blocks flow of DC by a series capacitor. To indicate to the called party that a call is incoming, the central office sends a 40-volt AC (16 to 60 Hz) signal to the called phone. At the called phone, the DC voltage rises and falls at a rate from 16 to 60 Hz, to actuate a AC-responsive loud tone or to ring a bell.

At the phone placing the call, the two switches close when the handpiece is taken from its cradle. This completes a DC path to the central office and initiates a dial tone, indicating that the exchange is ready to accept a phone number. The dial tone combines TWO frequencies, 350 Hz and 440 Hz, continuously, until one of the twelve keys on a push-button "dual-tone multifrequency (or DTMF)" telephone is pressed.

In a manner similar to the dial tone, each of the twelve keys, when pressed, will generate a dual tone: [1] 697 Hz/1209 Hz, [2-ABC] 697 Hz/1336 Hz, [3-DEF] 697 Hz/1477 Hz, [4-GHI] 770 Hz/1209 Hz, [5-JKL] 770 Hz/1336 Hz, [6-MNO] 770 Hz/1477 Hz, [7-PRS] 852 Hz/1209 Hz, [8-TUV] 852 Hz/1336 Hz, [9-WXY] 852 Hz/1477 Hz, [\*] 941 Hz/1209 Hz, [0-OPER]

941 Hz/1336 Hz, and [#] 941 Hz/1477 Hz. Real tricky, this technique of getting twelve unique combinations from only seven tones! Tones are switched by a "cross-bar" matrix of "row" and "column" rods that can be pressed simultaneously by the individual key. Individual tones are not from separate generators, but result when opening a DC path shock-excites two chosen and linked tuned circuits; tones are sustained by special transistor/transformer circuits until the key is released. Complicated, but HIGHLY effective and with the VERY low rate of failure that AT&T and others insist on!

As keys are pressed, the caller hears the dual tones at a signal level much lower than that sent to the central office. This is a result of "sidetone," a feature necessary so that a speaker can hear his/her own voice from the earpiece, to determine how loudly to speak.

Voice communication by phone is "full-duplex." The term should be familiar to modem users: it means that signals can be transmitted in both directions at the same time. That component that permits sidetone - a "hybrid" - also makes it possible to interface a two-wire line with the four lead wires connected in pairs to the transmitter and receiver in the handpiece. The hybrid consists of two interconnected transformers in one package. Separation of signals from the transmitter and to the receiver is done by proper phasing of windings and the presence of a balancing network. The network is slightly unbalanced at the telephone to create the sidetone. At the central office, a similar fully-balanced hybrid is used to match a four-wire network required for central switching operations.

The transmitter in the handpiece can be specialized, but is generally a carbon microphone, whose electric resistance changes with a change in sound frequency and level at an attached tensioned surface. The receiver is a set of coils, upon a magnetized structure, that produces sound by attracting and repelling a thin steel diaphragm as changes of DC level result in variations of magnetic strength.

Continued on Page 20

# My War Against Paper

Michael Springer ([michael.springer@ocipug.org](mailto:michael.springer@ocipug.org))

Last time we installed and checked out the fictitious BaseLine Generic Scanner Package. Scanning pages worked. Image data was saved as graphic files. The basics of OCR were discussed.

## Evaluating originals — part 1

Now we need to assess the originals we'll be scanning. Shape, size, quality and contrast of the print are important. Page layout can be troublesome. The content and how it is to be retrieved must be considered. The preferred form of output is important. The amount and schedule of available time is a key factor.

After we have some understanding of the characteristics of the originals, we can start looking for software and hardware features that will support our document conversion task(s). In the interest of simplicity and clarity, discussion of factors of original assessment and corresponding hardware and/or software features will be combined.

Evaluating software — Part 2 was published in the November Readme.Doc.

## Evaluating software — part 3

Large, sharp, plain, black characters on a white background are ideal. Stylized shapes, low-contrast background, and low resolution are undesirable. Control of the scanner's image brightness and contrast can provide some compensation for non-ideal originals.

Look for scanner setup menu items in the scanning application. If your scanning application does not provide sufficient brightness and contrast control, you can try scanning problem documents while using the scanning utility provided with the scanner (there should be one customized for the scanner). This utility should be able to set all possible scanner parameters, possibly rescuing an otherwise useless original. Save the image files to disk and read them later (frequently called importing) with the scanning application.s

Page layout can cause serious problems in several ways. Use of colors in the back-

ground can cause zones of poor imaging, though the rest of the page is fine. With regard to varied color backgrounds, magazines are more problematic than books or newspapers. Multiple columns, pull-quotes, and inserted graphics in the original require special treatment in the OCR process.

The OCR feature (or separate software) should provide for single- and multiple-column processing and for 'manual zoning' if your originals are complicated by unusual layouts. Recognize that your scanning tasks may fall into classes of complexity — single-column business correspondence (no graphics), pictures (no text), multi-column newsletters (no graphics), manufacturers' catalogs (text, tables, graphics), advertising flyers or brochures (color backgrounds, irregular text layout, graphics, overlaid text on graphics). Very sophisticated OCR software and even a color scanner may be in your future.

The presence of graphics and text in one original is a problem waiting for a solution. The text can be OCR'd. The graphics can be cropped from the original scan and saved as graphic files.

The problem is how to link all the files together. We'll look into this in a future column. Saving an image of the original for future processing might be the best thing to do today — tomorrow someone might release some software to deal with this gracefully.

The contents of the original, and how the contents will be retrieved, are major factors in software and hardware selection. If color capability is a must, then the scanner, storage capacity and output device must support color. This could mean a color printer and significantly larger graphic files. If all the originals are pure text and will be OCR'd, storage will be minimized and a low-cost printer could suffice. If complex graphics are to be stored, resolution will be a key factor in the choice of the output device, be it a monitor or a printer.

Last for this column, but not least, is the time factor. Will you be able to scan, review, separate text from graphics, OCR, read/correct OCR'd text, classify and save the results for each original before moving on to the next original? Or, will you have to do this in spurts? Will the software support 'batch' or delayed processing of originals at various stages of the project? Can you be scanning while software solutions are being written?

An effective way to get into the conversion may be to scan many originals, storing a graphic image for each. Now you can dispose of the paper. Later, you fetch the images and resume the processing. You may find that separating text from graphics in some of the images requires a great deal more manipulation than for most images. You may find that you are in the market for more capable software that can deal with images more complex than you ever thought you would process.

Think of this delayed processing as being similar to 'time shifting' television programs with a VCR. You scan the paper, dispose of the original, and hold onto the image until it becomes convenient and easy for you to process the image. Maybe that will have to wait for some new software that doesn't exist today.

Scan-now, process-later demands that the images be stored in a non-proprietary format that is likely to be used in the future or is at least readable and convertible by graphics conversion programs. The files will take up a significant amount of storage space, but storage is getting cheaper by the day. This technique may be the only thing that saves me from spiraling into an abyss of unresolvable issues in my war against paper (at least until after the first of the year).

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# 486DX2/66 upgrade

Richard Hunter

If you have a 486 computer, you may be interested in an upgrade, and if so, my experiences may help you. On the other hand, after reading this article, you may very well elect to take a different approach to any upgrade you may consider.

After I installed Windows 95, I found that scrolling through a document was too slow. I had been using a Diamond Speed Star 24X ISA video card. An ISA card only uses the main bus at 8 MHZ to transfer information to the CRT, and thus has limited speed. To improve the speed, I purchased a VLB Diamond Stealth card, but it interfered with my modem. I returned the Diamond Stealth card and purchased a generic local bus video card. Later I discovered that the problem was that the Diamond Stealth used the same memory address as com 4 (02E8). Had I known of the problem at the time, I could have worked around the it.

Now I had Windows 95 working faster, although I still had some problems with the video drivers for Windows 3.1. Windows 95 uses it own drivers for this video card, so it works OK. However, since Windows 95 allows one to run several programs at once, I found that doing so slowed each program. You can see then, with more capability I wanted to do more things at once, and thus needed more CPU speed.

My second problem started when I had some time to kill near a Circuit City. I looked at a 166 MHZ Pentium computer - was it ever fast. While playing Freecell in the store, the cards didn't move, they disappeared and reappeared instantaneously at the new location. Now I had the bug to upgrade, but how to upgrade was the question.

I would like a dual 200 MHZ processor Pentium Pro, but that isn't a good investment for me. Instead of appreciating, computers quickly depreciate, as all of you know. This situation then left me with the question of how to improve the performance of my 486DX2/66 without spending much money. The choices were: buy a new system board and all that goes with it, buy a Pentium OverDrive which runs at 83 MHZ, buy a plug in processor such as manufactured by Kingston, or buy an Intel or AMD 486-1xx processor. My system board, which I pur-

chased and installed in January of 1995, had a fairly good manual, which showed it could be upgraded to the Pentium OverDrive (P24T). This processor sells for around \$200, a little more than I wanted to spend. The AMD 586-133 on the other hand, sells for as little as \$35. I checked the database that came with Windows Magazine's CD-ROM and it appears that the 586-133 could give, at very little cost, a significant increase in speed. I knew very little about the 586-133 and it was not listed in my system board manual. Nevertheless, being an optimist and not having enough sense to ask a lot of questions, I decided to buy the 586-133 and try it.

I installed the 586-133 in my system and changed the jumpers to match an AMD Plus processor. Starting the computer, nothing came up. The little green light on the monitor turned from green to amber, which meant the system went into the sleep mode - a real bummer. Next, I decided to set the jumpers up for a generic (V8T) AMD processor. All went well, and the system came up. Performance increased about 50%, using WinTune from Windows Magazine's CD-ROM as the measurement tool. Then I noticed that the processor was only running at 100 MHZ, not the 133 MHZ I expected.

I took the processor back to the place where I had purchased it and complained. The sales person explained to me that unless I had purchased the system board this year, in all likelihood it wasn't capable of running the 586-133 at that speed. He showed me a system board with my 586-133 running at 133 MHZ. He then showed what happened if he removed the jumper for the 133 MHZ performance. Now the processor ran at 100 MHZ. Not being one to give up, I reinstalled the processor in my system, but this time I set it up as an AMD Plus processor, leaving out one jumper. Now the processor, while run-

ning at 100 MHZ, showed a 77% improvement in the CPU performance. It turns out that one jumper setting in the V8T manual addendum had a jumper crossed out, but the manufacturer meant to delete the same jumpers for the Plus versions also.

The 586-133 processor is capable of both write-back and write-through memory update. I set the system up as a write-back system, which is faster than write-through. With write-through, all changes to the date are immediately written back to main memory, while with write-back the changes to the main memory are made when the CPU isn't busy.

Finally, I ran all or almost all of the major program on my computer to see if they all worked. I didn't have any problem, although I had to change some DOS programs running under windows 3.1. Because the DOS box wasn't closing, I had to change the executable under File|properties to the ".PIF" instead of ".EXE" and then check the "close on exit" box to get the DOS box to close when the program was closed. That was very minor difficulty and no problem.

Overall, I am please with the increased performance and the low cost. This will not be the end of my upgrades, though, since software requirements and my desires for increased speed will continue to increase. So, now for \$47.72 for the processor and fan, taxes and a fee for using my visa card, I got the performance listed in the table.

Dollar for dollar, the change seems to me to be cost effective. The system now is noticeable faster. Obviously not every system board is capable of being upgraded in this fashion. Of course, if you don't have a manual for your system board, you might not know how to set the jumpers to make the new processor work.

CPU type	AMD 486DX4WB	Intel 486DX2	% increase
Clock rate	100 MHZ	66 MHZ	52
Dhrystone	112 MIPS	63 MIPS	78
Whetstone	24 MFLOPS	15 MFLOPS	60
Video speed	3.9 MP/s	2.6 MP/s	50
C:\ Cached speed	6.1 MB/s	4.5 MB/s	36
C:\ Uncached speed	1.6 MB/s	1.2 MB/s	33
RAM Read avg	84 MB/s	48 MB/s	75
RAM Write avg	61 MB/s	61 MB/s	0
RAM Copy avg	27 MB/s	27 MB/s	0

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### Compare the Facts

Features supported	Borland C++ 5.0	Microsoft Visual C++ 4.1
Parallel 32- and 16-bit development	✓	—
Complete support for Windows NT/95	✓	✓
ObjectScripting (fully programmable IDE)	✓	—
MFC source code included	✓	✓
New ObjectWindows® Library 5.0 with OCX and MAPI support	✓	—
ANSI/ISO Standard C++ Library, including STL	✓	✓
WinSock, ODBC 2.0, and OLE 2.0	✓	✓
Point-and-click install expert with prebuilt components	✓	—
Automatic uninstall support for Windows 95	✓	—
Detects bad pointers, even outside of API calls	✓	✓
New Intel-engineered 32-bit Pentium® optimized code generation	✓	—
Automatic detection, location, and diagnosis of memory bugs	✓	✓
Full color visual differencing of source code version	✓	—
Free integrated Java™ tools for the Internet, including GUI debugger	✓	—
AppAccelerator™ for up to ten times faster Java code	✓	—



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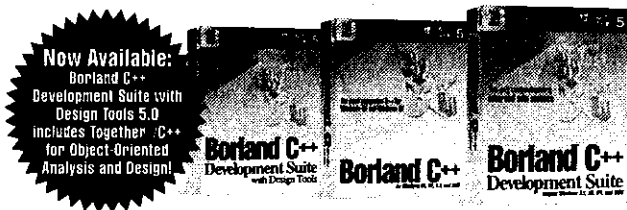
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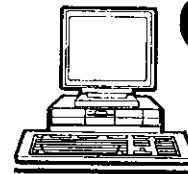
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# Special Interest Group Guide



## OCIPUG

Orange Coast IBM  
PC User Group

**January General Meeting**  
PowerQuest-Partition Magic; Zyxel-Modems  
Random Access begins at 8:30 a.m.  
The presentations begin at 9:00 a.m.  
See inside pages for map and location.

MEETINGS AND SPECIAL EVENTS

JANUARY 1997

MEMBERSHIP • MEETING INFO  
OCIPUG Voice Hotline (714) 662-2939  
OCIPUG BBS (714) 751-3242

SIG SPACE • HEADQUARTERS  
1520 Brookhollow Drive Suite #38  
Santa Ana, California

OUR MAILING ADDRESS  
Orange Coast IBM PC User Group  
1500 Adams Ave. #105, Costa Mesa, CA 92626

	SUN	MON	TUE	WED	THU	FRI	SAT
J A N U A R Y		<i>Executive Board Meeting A6.5</i>		1 Happy New Year	2 Pub. Comm. B7  DeskTop Publishing B7	3  UNIX/Linux A7	New User/ New Mem. A9  DOS and Utilities A1
	5	6  WordPerfect A7	7 SIG Oper. Comm. A9  Spreadsheet A7	8 Internet Beg. A9:30 am  Genealogy II A7	9  Microsoft Office A7	10  Internet A7	11 Programming A9 Delphi Beginners A1
	12	13  Windows 95 A7	14  <i>BBS Committee B6</i> Modem A7	15 Windows 95 Startup A9:30 am  Windows 3.1 A7	16  Now What Do I Do? A7	17  GeoWorks A7	18  3D Studio A10 Investing A2
	19	20  Lotus AMI/Word Pro A7	21 SIG Oper. Comm. A9  OS/2 A7	22 Windows 95 Startup A9:30 am  dBase A7 Network B7	23	24  <i>Readme.Doc Deadline</i>  OS/2 Warp Connect A7.5	25 <b>General Meeting - 9 am</b> Science Hall <i>Program Comm. OCC-Noon</i> <i>Internetworking Comm. A2</i>
	26  ACP Swapmeet	27  <i>Executive Board Meeting A6.5</i>	28  <i>BBS Workshop E7 /Committee B6</i> Pers. Finance A7	29 Windows 95 Startup A9:30 am  <i>Pub. Comm. 7pm</i>	30	31	

DAYTIME SIGs are being considered. Advise Preston Hill (714-893-2403) of topics desired.

For latest meeting dates and topics, check Hotline (714-662-2939), BBS Bulletin #5 (714-751-3242), and WEB page (<http://www.ocipug.org>).

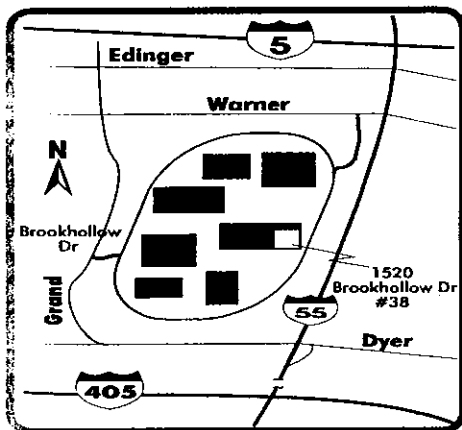
Call the Facilities Improvement and Maintenance Committee chairman, Red Davidson, at (714) 548-0413 for any donations of funds and/or equipment for our SIG facility.

### CALENDAR SYMBOLS

A	SIG Room A
B	SIG Room B
E	Equipment Room
8, 9, 10	8 a.m., 9 a.m., 10 a.m.
1, 2, 7	1 p.m., 2 p.m., 7 p.m.
6.5, 7.5	6:30 p.m., 7:30 p.m.

## Special Interest Group Meetings held at the OCIPUG SIG space.

<p><b>3D Studio</b> <span style="float: right;"><b>Sat Jan 18</b></span></p> <p>Leader: David Carroll (714) 775-3130</p> <p>We discuss the new Windows NT based 3D Studio Max and review its capabilities. Call SIG Leader for specific topics and details.</p>	<p><b>DOS and Utilities</b> <span style="float: right;"><b>Sat Jan 4</b></span></p> <p>Leader: Ed Miller (714) 470-9319 Co-Leader: Richard Black (714) 847-4827 Guru: John Goodman (714) 537-6400</p> <p>Reviewed are fundamental and advanced features of various DOS-type operating systems as well as many commercial and shareware add-on utilities. Come share your problems and expertise. Call SIG Leader for specific topics and details.</p>	<p><b>Geoworks</b> <span style="float: right;"><b>Fri Jan 17</b></span></p> <p>Leader: Paul Fuller (714) 662-7801 Co-Leader: Reg Roberts (714) 642-5399</p> <p>Questions, tips and demonstrations will follow a Beginners Q&amp;A, including setup and configuration tips. Bring a disk with problems! Call SIG Leader for specific topics and details.</p>
<p><b>Lotus AMI/Word Pro</b> <span style="float: right;"><b>Mon Jan 20</b></span></p> <p>Leader: Stan Sabin (714) 968-7307</p> <p>Scanning and editing photographs using Logitech hand scanner.</p>	<p><b>Now What Do I Do?</b> <span style="float: right;"><b>Thu Jan 16</b></span></p> <p>Leader: John Donan (714) 633-6616 Guru: John Goodman (714) 537-6400</p> <p>Learn how experts in different areas solve present and future PC-related problems that you and others bring. Expert-of-the-month is (TBD). Bring your questions, preferably on disk or paper, and a blank (1.44MB) diskette. <i>Take notes to remember the information presented.</i></p>	<p><b>Hardware</b> <span style="float: right;"><b>Thu Jan 23</b></span></p> <p>Leader: Bob Basaraba (714) 559-6539 Co-Leader: Preston Hill (714) 893-2403</p> <p>New computer hardware and peripherals are discussed. Bring your hardware related problems for possible solution. Call SIG Leader for specific topics and details.</p>
<p><b>dBASE</b> <span style="float: right;"><b>Wed Jan 22</b></span></p> <p>Leader: Max Lockie (714) 720-8170 Guru: Tom Toner (714) 537-9175</p> <p>We start a 3-part series to move from DOS-based dBASE to Windows-based Visual dBASE.</p>	<p><b>Genealogy</b> <span style="float: right;"><b>Wed Jan 1</b></span></p> <p>Leader: Stan Sabin (714) 968-7307</p> <p>No meeting on New Year's Day - Happy New Year :-)</p>	<p><b>Internet</b> <span style="float: right;"><b>Fri Jan 10</b></span></p> <p>Leader: Richard Armenteros (714) 378-9321 Guru: Jay Benesh (818) 568-0655</p> <p>Continue demonstrating using graphics with Java in creating WEB pages.</p>
<p><b>Delphi Beginner's</b> <span style="float: right;"><b>Sat Jan 11</b></span></p> <p>Leader: Maurie Seymour (714) 633-2914 Guru: Greg Stevenson (714) 457-9621</p> <p>For the Object Pascal portion, we will continue talking about building components. For the component portion, there will be more discussion of data base processing. Bring your questions, tips and tricks.</p>	<p><b>Genealogy II</b> <span style="float: right;"><b>Wed Jan 8</b></span></p> <p>Leader: Preston Hill (714) 893-2403</p> <p>Answer questions and exchange tips regarding Pedigree Pursuit (PED), Personal Ancestral File (PAF), and other genealogy programs. Demonstrate entering names, making corrections, and printing reports.</p>	<p><b>Internet DAYTIME</b> <span style="float: right;"><b>Wed Jan 8</b></span></p> <p>Leader: Frank Disparte (714) 960-7494 Co-Leader: Preston Hill (714) 893-2403</p> <p>We will demonstrate locating and using various search engines, saving them to "bookmarks/address books", locating files and saving files to your hard drive.</p>
<p><b>Desktop Publishing</b> <span style="float: right;"><b>Thu Jan 2</b></span></p> <p>Leader: Leader needed Co-Leader: Preston Hill (714) 893-2403</p> <p>Continue learning to layout documents such as the OCIPUG newsletter and SIG Guide using PageMaker, Microsoft Publisher and a word processor.</p>		



### SIG Space and Headquarters

Most evening SIGs are held from 7 p.m. to 10 p.m. at our SIG space and clubheadquarters:

**1520 Brookhollow Drive, Suite #38  
Santa Ana, California**

The Brookhollow Office Park is easily accessible via the northbound and southbound Dyer Road exits from the 55 Freeway. Abundant, well-lit parking is available a few feet from the ground level office door.

For late-changing information, call the OCIPUG Hotline at:  
**(714) 662-2939**      **Visitors are always welcome—please join us!**

# Visitors are welcome at all SIGs and monthly General Meetings.

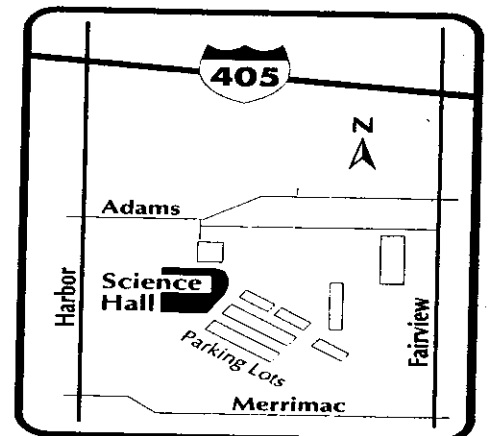
<p><b>Investing</b> <span style="float: right;"><b>Sat Jan 18</b></span></p> <p>Leader: Tony Mellini (714) 536-8733</p> <p>Demonstrate Vector Vest ProGraphics 4.0 Portfolio Manager. Daily and weekly downloads to your account from the Vector Vest Internet site of data with personalized recommendations for making your decision to buy/sell/hold stocks.</p>	<p><b>New User/New Member</b> <span style="float: right;"><b>Sat Jan 4</b></span></p> <p>Leader: John Lunsford (310) 995-0947</p> <p>This is the first of a 4-part series starting from scratch to introduce you to the basics of computers and their effective use. Ask questions freely! You can begin with any part.</p> <p><b>OS/2</b> <span style="float: right;"><b>Tue Jan 21</b></span></p> <p>Leader: Steve Schiffman (714) 531-0376 Guru: Gary Granat (714) 731-0457</p> <p>We will look at available Faxing options and how they can be used with OS/2 and Windows applications. Network connected faxing options will also be discussed.</p>	<p><b>Spreadsheet</b> <span style="float: right;"><b>Tue Jan 7</b></span></p> <p>Leader: Neil Carman (714) 964-1901</p> <p>We will demonstrate the newly released Microsoft Excel 97 spreadsheet.</p> <p><b>UNIX/Linux</b> <span style="float: right;"><b>Fri Jan 3</b></span></p> <p>Leader: James Clymer (714) 840-8238 Co-Leader: Jim Kennedy (310) 436-4945</p> <p>Try Linux without reworking your computer's file system by using the Linux live file system. Just a few megs of read/write files go on your existing DOS file system and the rest of the Linux is on the CDROM.</p>
<p><b>Microsoft Office</b> <span style="float: right;"><b>Thu Jan 9</b></span></p> <p>Leader: Ken Kamber (714) 637-4496</p> <p>Personal Information Manager (PIM) demonstrations with Microsoft Excel and Access. Searching and transferring data between formats.</p>	<p><b>OS/2 WARP Connect</b> <span style="float: right;"><b>Fri Jan 24</b></span></p> <p>Leader: Bob Basaraba (714) 559-6539 Co-Leader: Steve Schiffman (714) 531-0376</p> <p>Features of OS/2 Warp Connect are discussed with emphasis on connecting to the Internet and local networks, including generating HTML documents. Call SIG Leader for specific topics and details.</p>	<p><b>Windows 95</b> <span style="float: right;"><b>Mon Jan 13</b></span></p> <p>Leader: Frank Disparte (714) 960-7494 Guru: Bill Phillips (714) 281-8171</p> <p>Share your problems and solutions for installing and using Windows 95. Call SIG Leader for specific topics and details.</p>
<p><b>Modem</b> <span style="float: right;"><b>Tue Jan 14</b></span></p> <p>Leader: Kim Kymlicka (714) 495-1319 Co-Leader: David Yap (714) 847-1517 Guru: Michael Springer</p> <p>Complete off-line reader discussion and demonstrate sending/receiving FAXs using your modem.</p>	<p><b>Personal Finance</b> <span style="float: right;"><b>Tue Jan 28</b></span></p> <p>Leader: Max Lockie (714) 720-8170</p> <p>Demonstration of "headstart" version of TurboTax for 1996 income tax preparation.</p>	<p><b>Windows 95 Startup</b> <span style="float: right;"><b>Wed Jan 15</b></span></p> <p>Leader: Rudy Wolf (714) 528-3715</p> <p>Getting started with Windows 95</p>
<p><b>Network</b> <span style="float: right;"><b>Wed Jan 22</b></span></p> <p>Leader: Francis Reed (714) 733-1750 Co-Leader: Ken Kamber (714) 637-4496</p> <p>We'll tour the OCIPUG internal network and discuss it's implementation.</p>	<p><b>Programming</b> <span style="float: right;"><b>Sat Jan 11</b></span></p> <p>Leader: Francis Reed (714) 733-7150</p> <p>We'll look at Netscape's JavaScript language which is embedded in HTML documents.</p>	<p><b>Windows 3.1</b> <span style="float: right;"><b>Wed Jan 15</b></span></p> <p>Leader: Richard Hunter (714) 968-6362</p> <p>Q&amp;A session, review previous meeting topics, and demonstrate Windows 3.1 problem solving techniques.</p>
		<p><b>WordPerfect</b> <span style="float: right;"><b>Mon Jan 6</b></span></p> <p>Leader: Jeff Sinn (714) 775-2390 Co-Leader: Richard Baznik (714) 669-8974 Co-Leader: George Austin (310) 375-7213</p> <p>We review basic and advanced features of DOS and Windows versions of WordPerfect. Call SIG Leader for specific topics and details.</p>

## Monthly General Meetings

Orange Coast IBM PC User Group (OCIPUG) meets in the Science Hall of Orange Coast College in Costa Mesa, California. Random access question and answer session begins at 8:30 am, and presentations begin at 9 am on the 4th Saturday of the month, unless otherwise noted.

Ample free parking is available on campus lots off of Adams, Merrimac and Fairview (see map at right). All facilities and parking are handicap accessible.

Visitors are always welcome—please join us.



## OCIPUG Membership Information

Orange Coast IBM-PC User Group (OCIPUG), a non-profit all-volunteer organization, was formed in 1985 and has grown to become one of the most respected user groups in the country. Our purpose is to provide computer enthusiasts with an opportunity to gain related knowledge and to offer assistance when needed.

An individual, family or student (verified 12 undergraduate units or 6 graduate units) membership includes:

- a subscription to *Readme.Doc*, OCIPUG's monthly newsletter
- discounts on public domain, shareware and commercial software
- access to OCIPUG's online services: a local bulletin board and our World Wide Web site at <http://www.ocipug.org/>
- an opportunity to purchase Internet e-mail access through OCIPUG's bulletin board for an additional \$12 a year per member
- eligibility for the drawing at the monthly general meeting
- a Support Group Hotline

To become an OCIPUG member, complete the application below and mail it along with your check or money order to:

OCIPUG  
1500 Adams Avenue #105  
Costa Mesa, CA 92626

To request more information, call: (714) 662-2939

## Benefits of OCIPUG Membership

OCIPUG is a valuable resource for computer users. Help is readily available to assist with software or hardware problems. You will get answers to your questions, learn more about computers or a particular program, attend Special Interest Group (SIG) meetings and exchange ideas and information on related issues.

OCIPUG monthly general meetings are a great place to see new product demonstrations and the latest releases of established products, often prior to initial shipment. At these meetings we often host the industry's top-of-the-line manufacturers such as Microsoft, Novell, Lotus, IBM and others who send their representatives to demonstrate their latest products. Some of our guest speakers provide significant insight into current hardware and software issues that affect the industry as a whole.

OCIPUG's online services include a BBS, (714) 751-3242, which runs at speeds up to 14.4Kbps, and a World Wide Web home page which contains useful information about the group and its educational resources. We also carry a full line of public domain and shareware software available on disk at our general meetings and as downloads from our BBS.

OCIPUG publishes an award-winning newsletter, *Readme.Doc*, which contains insightful and informative articles and product reviews by OCIPUG members and interesting reprints from other user group newsletters from around the country.

OCIPUG has more than twenty-five SIGs that meet at various times during the month. These SIGs focus on specific areas of computing and often host speakers with expertise in that field. It would be difficult to find such an abundance of knowledge anywhere that is so readily available to all our members.

OCIPUG has it all! Why not join today?

### Orange Coast IBM PC User Group

1500 Adams Avenue #105  
Costa Mesa, CA 92626

Today's Date: \_\_\_\_\_



Title: Mr. Mrs. Ms. Dr. Prof. Hon. (Circle one)

Membership: New  Renewal

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: ( ) \_\_\_\_\_

Work Phone: ( ) \_\_\_\_\_

Fax: ( ) \_\_\_\_\_

Occupation: \_\_\_\_\_

Company: \_\_\_\_\_

Individual Membership?  Family Membership?  Family Member(s) Names: \_\_\_\_\_

E-mail address: \_\_\_\_\_

**Annual Dues:**  
Make check payable to OCIPUG  
and mail to the above address  
or bring to the General Meeting.

Individual:	\$45.00	\$ _____
Family:	\$60.00	\$ _____
Full-time student (U-grad 12 units; grad 6 units)	\$25.00	\$ _____
Internet E-mail: \$12/person/yr. * # persons X \$12.00		\$ _____
	Donation:	\$ _____
	<b>Total Amount Paid:</b>	\$ _____

\* Requires signed Acceptable Use Agreement which will be mailed to you upon receipt of your application.

Have you been a member of OCIPUG before? \_\_\_\_\_

Type of computer: 8088/86 (XT)  286 AT  386   
486SX  486DX  Pentium  Other \_\_\_\_\_

If so, what was your membership number? \_\_\_\_\_

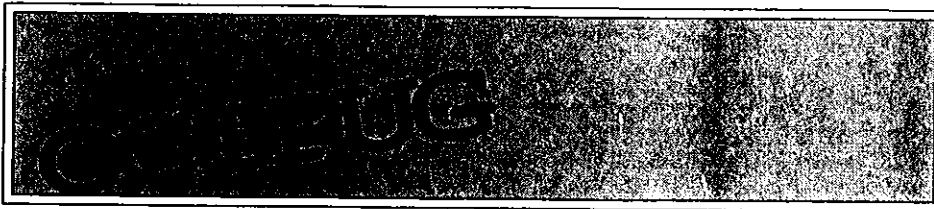
I heard about OCIPUG from: \_\_\_\_\_

I consider my skill level to be:

Modem? \_\_\_\_\_ Printer: \_\_\_\_\_

Beginner  Intermediate  Advanced

Fax Capability? \_\_\_\_\_ Type of Monitor? \_\_\_\_\_



The members listed below have generously offered to serve as resources for other members in need of assistance with specific hardware or software problems. They are there for you, but please bear a few things in mind:

- The times listed are when these volunteers are available. Please respect their times by limiting your calls to the hours indicated.
- Your questions should be specific and reasonably brief. Consult your manual, tech support, etc., first, so as not to take up their time needlessly.
- All of our volunteers have expertise in the areas shown, but nobody knows everything, so be understanding by not expecting them to know everything.
- This service is free, available to our members only. Our volunteers are not doing this for personal gain, but as a service to benefit their fellow PC users, thereby making OCIPUG a stronger organization.

#### Abraxas

Kevin Post — Anytime ..... 969-9495

#### AccPac Plus

Donna Fulmizi — .8 a.m.-8 p.m.....897-3371

#### AccPac Simple Accounting

Ron Collins — 6-10 p.m. M-F

Wkends after 9 a.m. .... 493-6520

Christian Malm — 9 a.m.-9 p.m. M-F

Anytime Wkends ..... 966-5339

#### Ami Professional

Mark Burrell — 9 a.m.-12 noon ... 777-2130

Stan Sabin — 5 p.m.-9 p.m. M-F ... 968-7307

Richard Sino — 6 p.m.-10 p.m. .... 951-1892

#### Approach

Maurie Seymour — 9 a.m.-9 p.m. M-F.....

..... 633-2914

BBS (OCIPUG's Bulletin Board Service)

Bill Krehbiel — Anytime ..... 645-8561

#### BASIC

Herb Huey — 6 p.m.-10 p.m. .... 525-1608

#### Champion Business Systems

Kevin Post — Anytime ..... 969-9495

#### Clarion

Mark Burrell — 9 a.m.-12 noon .... 777-2130

#### Corel/Ventura

John Goodman — 2 p.m.-12 midnight...537-6400

(Preferred): .agoodman@earthlink.net

#### Clipper

Bob Wendorf — Anytime ..... 892-1031

#### dBase IV

Preston Hill 1 — 9 a.m.-9 p.m. .... 893-2403

#### dBase Programming

Tom Toner — 10 a.m.-8 p.m. .... 537-9175

#### Disk & Memory Management

Harv Haight — 9 p.m.-11 p.m. .... 546-0820

John Goodman — 2 p.m.- 12 mid....537-6400

(Preferred): ..... agoodman@earthlink.net

#### DOS

Harv Haight — 9 p.m.-11 p.m. .... 546-0820

Herb Huey — 6:00 p.m.-10 p.m. ... 525-1608

John Goodman — 2 p.m.- 12 mid....537-6400

(Preferred): ..... agoodman@earthlink.net

#### Excel

Herb Huey — 6:30 p.m.-10 p.m. ... 525-1608

Mark Burrell — 9 a.m.-12 noon .... 777-2130

#### Fortran

Herb Huey — 6 p.m.-10 p.m. .... 525-1608

#### FoxPro

Stan Hetrick — 6 p.m.-10 p.m. M-F

Anytime Wkends ..... 774-3115

#### Genealogy

Stan Sabin — 5 p.m.-9 p.m. M-F ... 968-7307

Preston Hill— 9 a.m.-9 p.m. .... 893-2403

#### Hardware

John Goodman — 2 p.m.-12 mid ... 537-6400

(Preferred): ..... agoodman@earthlink.net

Harv Haight — 9 p.m.-11 p.m. .... 546-0820

#### MAS 90

Christian Malm — 9 a.m.-9 p.m. M-F .....

Anytime Wkends..... 966-5339

#### PCTools

Preston Hill — 9 a.m.-9 p.m. .... 893-2403

#### PAF

Preston Hill — 9 a.m.-9 p.m. .... 893-2403

Stan Sabin — 5 p.m.-9 p.m. M-F ... 968-7307

#### Paradox

Jim Samuelson — 6 p.m.-10 p.m. .. 472-9822

#### Paradox for Windows

Jim Samuelson — 6 p.m.-10 p.m. .. 472-9822

#### PerForm

Richard Sinor — 6 p.m.-10 p.m. M-F 951-1892

#### Real Estate Software

Stan Sabin — 5 p.m.-9 p.m. M-F .. 968-7307

#### Q&A

Mark Burrell — 9 a.m.-12 noon..... 777-2130

Terry Currier — 8 a.m.-9:30 a.m.

7:30 p.m.-9 p.m. .... 774-2018

#### Quattro Pro

Preston Hill — 9 a.m.-9 p.m. .... 893-2403

Mark Burrell — 9 p.m.-12 mid..... 777-2130

#### QuickBooks for Windows

Cathy Hall — Anytime ..... 434-7302

#### Quicken

Preston Hill — 9 a.m.-9 p.m. .... 893-2403

Ron Ross — 6 p.m.-10 p.m. M-F

Anytime Wkends ..... 964-5137

#### Quickpay

Ron Ross — 6 p.m.-10 p.m. M-F

Anytime Wkends ..... 964-5137

#### Stacker

Harv Haight — 9 p.m.- 11 p.m. .... 546-0820

John Goodman — 2 p.m.- 12 mid.. 537-6400

(Preferred): .agoodman@earthlink.net

#### Windows 3.x

Richard Hunter — .9 a.m.- 9 p.m.M-Sat

..... 968--6362

#### Word

John Goodman — 2 p.m.-12 mid ... 537-6400

(Preferred): agoodman@earthlink.net

#### WordPerfect for DOS

Mark Burrell —9 a.m.-12 noon..... 777-2130

Preston Hill — 9 a.m.-9 p.m. .... 893-2403

#### WordPerfect for Windows

Richard Baznik — 9 a.m.-6 p.m. .... 669-8974

*(Note: If you would like to be listed here as a volunteer to help with any PC-related subject, please call Roberta Klein at (310) 596-8067 or leave a message on the BBS. We need volunteers in many more software and hardware areas. The success of this program depends on your help.)*

# Corel WordPerfect Suite

Jeff Sinn

I am very pleased to have the opportunity to review Corel's new WordPerfect Suite 7 — this will be the first 32 bit program that I have installed, besides whatever came with Windows 95. However, the computer I am using is something of a relic: 486DX/33, ISA bus, 8 MB memory, about 1 GB of IDE hard disk space, and a 4X CD-ROM. This meets (barely) Corel's minimum requirements — they recommend a 486/66 and 16 MB of RAM

The first thing you notice when you open the box is that there are only two fairly modest manuals along with the CD-ROM. One displays thumbnails of the 10,000 clipart images that ship with the suite. The other is entitled "Quick Results" and shows you how to accomplish a specific *task*, like "Creating a Business Report" that uses WordPerfect and Quattro Pro, rather than a set of manuals for each application.

The actual installation process could not have been any easier: just insert the CD-ROM and the Setup Menu appears automatically. You are presented with a choice of installing all the major components of the Suite (WordPerfect 7, Quattro Pro 7, Presentations 7, Envoy 7 and the Desktop Application Director) or just WordPerfect. From this screen you can also install the Bonus applications (Sidekick, CorelFLOW, Dashboard, a screen saver and 150 fonts), Internet software (Netscape Navigator and AT&T WorldNet Service), access a set of electronic manuals for the major applications, or view instructional demos on the CD-ROM.

I selected the Suite Setup, but was first given the opportunity to review the Release Notes. Like any good README file, this provides the latest product information and installation tips, such as: WP Suite 7 can be installed without removing older versions of the applications. This is an improvement over WPWin6.1, which did not cheerfully co-exist with WPWin6.0. The Setup program does not overwrite or remove pre-Windows 95 versions of these applications. The only exception is that if you have Envoy 1.0 or 1.0a installed, you need to remove it before you install Envoy 7. The Release Notes also ad-

vised you of the hard disk requirements: 119 MB for a typical Suite installation, up to a whopping 273 MB for the full load.

I began with the "Typical" setup, which installs the core programs mentioned earlier. This was completed with no problems in about 45 minutes. The Desktop Application Director (DAD), which in Office 3.0 created its own menu bar, is now neatly integrated into the Windows 95 "notify area" on the Taskbar — that is, the "tray" in the lower right corner where the clock and speaker icons live. Here, the icons are always available to launch the programs in the Suite without taking up any space on the desktop.

When you click the WordPerfect icon in DAD, you are presented with a blank document screen that is very similar to Version 6.1. The most obvious change is the addition of light blue guidelines that give you a visual reminder where the margins are set. The margins can be quickly changed by grabbing and dropping the guidelines. While you are dragging, a small window pops up to give you the margin width in inches. Another new feature is the QuickSpot button which appears in the margin next to the first line of a paragraph. A click here allows you to apply common formatting options (such as borders, fills, indents, etc.) to just that paragraph.

Although WordPerfect has had a spelling checker for years, Version 7 has added "Spell-as-you-go" spell checking. As soon as you press the space bar to end a word, WP places red hash marks under any word it does not recognize. A right mouse click will bring up a list of possible replacements. Also, some of the more common operations have been made easier to perform: two hyphens are automatically changed to a dash; three hyphens followed by Enter on a new line will produce a horizontal graphics line between the margins; and an asterisk followed by a Tab will be converted to a bullet and an indent.

Despite the fact that it does not get much mention, a great utility program that is included with WPSuite7 is INSO's Quick View Plus. WordPerfect's "Open" dialog box is excellent and includes a built-in previewer, but Quick View Plus adds a versatile viewer

to *all* of Windows 95. Win95 ships with scaled-down version of Quick View, but Quick View Plus includes viewers (approximately 200) for just about any kind of file — word processors, spreadsheets, databases and graphics.

It is most convenient when you are browsing around your drives in Windows 95 Explorer. Right clicking on a file, then selecting Quick View Plus from the menu will produce a view of the document in its native format. If you want to view several files from Explorer, you can just drag and drop from the file list to the Quick View window. You can download updated viewers from INSO's BBS or Web site to keep current on the latest application programs.

WPSuite7 ships with an impressive array of Internet tools. To get you connected, there is AT&T WorldNet software and a customized version of Netscape Navigator, 2.01. You can connect to the Internet by using shortcuts on the Windows 95 desktop or by clicking on the Corel QuickConnect button in DAD. This brings up a dialog box which displays all of the Bookmarks you have defined in Netscape or other online services. Click on the site you want and this will connect you directly to the URL or other service location.

You can choose Internet Publisher from the File menu in WordPerfect to create a new web document without having to learn HTML codes. Or, you can format the current document as a web document, save a copy of the current document in HTML format for publication to the web, or launch Netscape Navigator to browse the World Wide Web. You can also create a link in any WordPerfect document, Quattro Pro notebook or Presentations slide show to a specific URL on the Web. Just create the link, then click on the "hot" location; the browser loads and takes you to the designated Web page.

One of the features that I liked the most in WPWin6.x seems to be missing in WP7, and that is the QuickList. This was a window in

Continued on Page 17

## Special Interest Group (SIG) Reports

### Genealogy II

Bill Splitter, Robert Lynch  
and Preston Hill

At the October meeting, Robert Lynch demonstrated *Tiny Tafel*. Basically, *Tiny Tafel* (TT) is an abbreviated form of Ahnentafel, German for ancestor table. Robert explained the details of TT and demonstrated some entries.

Originally, TT was a shorthand manner to make requests for genealogy data via BBS. It was actually written for the purpose of matching records used by anyone submitting TT data on the BBS. It was originally written in the C/PM computer language by Howard Nurse at Commsoft in Mountain View, California. A version 1.22 was updated by Tom P. Douglas in 1988 at Colorado Springs, Colorado.

Simply, TT uses Soundex codes, along with names, dates and location data, for each record. One line represents one record request and is entered manually by the sender. The number of records are essentially unlimited.

An example of the basic record:

```
A100 1613:1684 ABBE\England\Massachusetts
B230 1740:1894.BECKWITH\Connecticut\Wisconsin
F236 1812:1869:FOSTER\Pennsylvania\Indiana
R200 1727:1912*RICE\Germany\Crawford Co., Wisconsin
S526 1838:1888*SWANGER\FranklinCo.,PA/Trego,WashburnCo., Wisconsin
```

The first column of data contains the Soundex codes for the surname, usually capitalized. The next two fields are earliest and latest date of interest, relative to the next NAME field. Preceding the name is a flag to signify the levels of interest by the sender as follows:

[space] or 0 = No interest  
. or 1 = low interest  
: or 2 = moderate interest  
\* or 3 = highest interest

The separator (/) represents the earliest date or location relative to the name. The (\) represents the latest date or location.

For example, for the name RICE in the *Tiny Tafel* file above, note that the earliest known RICE was born in Germany in the year 1727. The last RICE was born in Crawford County, Wisconsin, in the year 1912.

Robert Lynch recommended that foreign (non-English) characters should not be used in *Tiny Tafel* as they confuse the editor.

The next demonstration was narrated by Preston Hill. It was an online demo using Netcom as the Internet service provider (ISP). We visited a genealogy site: <http://www.soc.genealogy.computing> using Netscape Navigator 2.02 as the browser. We looked at several computing related items at this particular site.

Another Universal Resource Locator (URL) address - <http://www.rootsweb.com/rootsweb/searches/rs1-info@genealogy.org> — is the Roots Surname List (rsl) with over 100,000 surnames listed. Each surname listed includes the person requesting or submitting information. Linking to the name of the requester/submitter displays the other names being researched. Thus, you can judge whether the person is following your line of research or not. If indicating a common interest, an email or address is generally given so you may contact that person for further exchange of information. This listing appears to be supplanting the use of the *Tiny Tafel*, at least for the Internet.

A voluminous amount of genealogy data is to be found on the Internet. But, finding reliable items of value is a major problem. Both Robert and Preston warned that much data presented may be erroneous and unsubstantiated. However, it may also provide clues for your own research so everyone was encouraged to use the Internet.

Future SIGs will answer questions regarding using the Internet as well as installing and examining the latest versions of Pedigree Pursuit, Brother's Keeper, Personal Ancestral File (PAF), and other genealogy

programs of interest. The Genealogy II SIG will emphasize DOS-based programs inasmuch as Stan Sabin's Genealogy SIG emphasizes Windows based programs, especially AncestralQuest. However, both SIGs are open to any and all questions pertaining to genealogy in general and genealogy computer programs in particular, whether DOS or Windows based.

If interest warrants, Genealogy II will be moved to a daytime meeting. Please advise Preston Hill (714-893-2403) if you would be interested in a daytime meeting.

### Genealogy II

Bob Soth  
Preston Hill

The December meeting got going before the 7 p.m. start time with general questions and/or comments from the members present. One subject that came up—that should concern all OCIPUG members—is how to increase our membership and also attract younger adults. If you have any ideas, please pass them on to the club officers.

Random access got the meeting officially started. One of the early questions was, "How do I save and keep separate a family that has no direct identified link? Several wills indicate or lead me to believe there must be a relationship. I know I'll find that relationship. I want to keep my original file and not mess it up, but I also want to save this new data and be able to access it easily."

This was all that Preston needed. He jumped right in with the DOS-based Pedigree Pursuit (PED), version 3.55, demonstrating how to create a separate database for unlinked individuals, enter the data, save it and then view the original file or the new file simply by toggling back and forth.

During this demonstration Preston found ways to show us other new and useful features of PED. You can now add a common note (such as the source) to existing records by tagging each desired individual record and then adding the note in a single global operation, rather than having to manually enter notes one record at a time. PED also

## Special Interest Group (SIG) Reports

allows global entering of a common note when importing new record files via GEDCOM.

Some more nice features: Pedigree Pursuit, Personal Ancestral File (PAF), and Ancestral Quest use the identical database. You do not have to make duplicate databases or create a GEDCOM file.

**Geographical Locator**—If you want the latitude and longitude of someone's birthplace, as well as neighboring towns, just enter the place name and the radius of interest.

PED seldom requires more than a single key-stroke to move to a new feature. For example, at the main screen, <F>ile displays a drop-down menu. <S>elect Database then displays the database selection screen with existing databases and actions that can be taken. Add a new database for unlinked individuals, for example, by pressing "+" and entering the full path and name of the new database. You'll also like being able to create a new directory while in PED without having to exit to DOS.

You say you want your name and address (label style) on all the reports you produce. No problem. Preston also showed us free-form fields—such as entering the city, county, and state in one field instead of the "classic" PAF-style of four separate fields. We were then shown how to enter or name a field we wanted for a "user defined field."

You think there can't be any more? When entering a birthdate—or any field, for that matter—and you want to make a note of the source for the information, pressing the ">" key jumps you to NOTES. Pressing <F10> returns you to the original screen. Of course you want to save the note AND add it to the bibliography of notes, which is in another database *anywhere* so long as it is a PAF-type database. You guessed it, PED will allow you to do it.

PED is a shareware program. You try it, you like it, and then you buy it. Registration is just \$50. Upgrades within the 3.5x series are free. A small charge is asked for upgrades from other series such as the 3.0x or to future 3.6x series.

The last part of the evening was devoted to The Internet. Yes, Hot Websites, Cool Home Pages, browsers, search engines, off-line reading, WWW, HTTP, URLs, AOL, etc., were shared. All relating to genealogy and the possibility of uncovering another one of our roots. Talk about pedigree pursuit!

### Modem SIG

*Maurie Seymour*

At the November Modem SIG, Michael Springer answered many modem-related questions. One was about automated broadcasting of voice mail. (There is probably no inexpensive way to do it and it is illegal in California.) Some other questions were about host and caller setups, how to control modem speed, and how to stop scrolling after a [N]onstop command to the BBS (hit the space bar).

Red Davidson told us that the ZyXel modem he won at a meeting has good voice mail capabilities and it was not necessary to buy additional software to make it work.

SIG leader Kim Kymlicka read part of the article on modems in the November issue of PC World indicating that plug-and-play does not live up to its name for many modems.

The main demonstration of the meeting was about off-line readers for the BBS. Using an off-line reader makes it possible to read and answer messages on the BBS without being connected to the BBS. If have to pay for your calls to the BBS, an off-line reader will save you money. Even if the BBS is not a toll call, using an off-line reader will free your phone line for other calls. There are off-line readers on the OCIPUG BBS.

Several times Michael mentioned that the communications software and the off-line reader that you use do not need to be from the same vendor. You must have communications software to connect with the BBS, find messages, and download those messages from the BBS to your hard disk. Also, you must have an off-line reader to read the messages that are on your hard disk. The

off-line reader must know where your communications software put the messages on your hard disk. To read offline, that is the only necessary connection between the two packages.

Someplace in your communications software, it asks you for the name of a download directory. That is where that software will put the downloaded messages. Also, someplace in your off-line reader, it asks you for the name of the download directory. Put the same directory name in both of those places and you have completed the connection needed for off-line reading.

Before the communications software can download messages, you must tell the BBS what you want downloaded and how you want the results packaged. On the OCIPUG BBS, you can do that by going to the message menu and hitting D for "wcMail x-fer Messages." That will list several options. You can consider them one at a time.

With the OCIPUG BBS and most current communications software, you need to use QWK for [1] Packet format, PKZIP for [2] Packer, and Zmodem for [3] Protocol.

If you say "Yes" to [4] Include new files list, your first download will include a list of all files uploaded since the date you put in [5]New files date. A date only a few days in the past will usually get you a short list of new files.

There are many conferences on the BBS. You may not want to read mail in all of them. If you choose [S]elect conferences to scan, you can tell the BBS what conferences you want to download and if you want attachments included. If you select no conferences, you will get no messages.

You can do all of this by following the prompts on your screen. Usually, one of those prompts will give you help. If you are still lost, put a message on the BBS explaining your problem. Someone will help you.

### Windows 3.1 SIG

*Richard Hunter*

Nine people attended the October Windows 3.X Special Interest Group. Considering there was a presidential debate and a baseball playoff, nine people is a good turn out, or an indication of the lack of interest in the presidential debate or baseball.

The meeting started early with a demonstration of how to install Barclock. This program, which is on the BBS, puts the time and date on the Title bar of the Program manager. Barclock is a handy program, and as best we could tell, it is freeware. There wasn't the usual readme.doc with the program, so could be sure it is freeware.

The one random access question was regarding the slowdown of Windows 3.X while running in a small network. This is probably the nature of Windows 3.X but it is best handled by the network SIG.

A demonstration was made to show how a user could access both DOS help file and Windows help information. The DOS "help" command was used to find out how to change a line in the Config.sys and the Autoexec.bat files to comment lines that would not be executed. We then looked at the information available for Windows via the WRI files, (Windows' Write program files). File Manager was used to select only WRI files making it easy to find these files. Because last month we were not able to run some of the test programs that had been planned, we ran SNOOPER.EXE and CONFIG.EXE, two shareware programs that report on the characteristics of the operation system. We also ran Computer Consultant, a commercial program.

We then went into some of the features of Files Manager. We covered such things as copying and moving files. We also looked at the options for conformation setup for File Manager.

After the break we discussed and demonstrated restrictions options available in progman.ini. Restrictions can be handy if more than one person is using the computer, and the configuration needs to be saved from corruption or vandalism.

In November, we have a short review of the October SIG meeting and a Q & A session. There will then be a demonstration on installing a Windows program and copying information between Windows programs.

### Windows 95

*Ed Lee, Roberta Klein*

We were all saddened to be reminded that this October meeting was Ed and Roberta's last Windows 95 SIG.

There was an initial problem in getting Win 95 loaded onto the SIG space machine but Red Davidson, Kevin Moser and Ed Lee finally did it.

Cheyenne Backup is supposed to recover Win 95 by itself. So Ed promised to delete a particular file that Windows must have in order to run to test whether Cheyenne can recover.

Ed thanked group for being a good one. He felt that he learned a lot from members. He mentioned that he is giving it up partly because of work, but also because, as he experienced with his Win 3.1, SIG, enough is enough: the SIG needs a fresh face. Again, he repeated his thanks to all.

Roberta and Ed have done a lot on the OCIPUG web page. However, they have tested their output only with Netscape and MS Explorer browsers, so they cannot vouch for compatibility with all browsers. When they do finally install their new page to the web, they will mirror the site which they will identify at the time. The new page will feature some of Ed's favorite software freebees. A Win 3.1 site and later, an NT site will follow.

When Windows is upgraded from a CD Rom, it looks over the entire hard drive, searching for the Microsoft program of which the installation is an upgrade. The user then may show to the install program the primary startup disk of *any* MS Windows program.

A question arose as to how much free space to leave blank on C: drive in order to keep things working. Ed warned that Windows

programs frequently want to install themselves on the C: drive. If your swap file is on C:, which is where Windows 95 usually puts it, Ed recommended 50 to 60 MB of free space. He felt that it is often helpful to get that much free space onto another partition less likely to become overcrowded. To realize this, click Control Panel | System Properties | Performance | Virtual Memory. There you may click the radio button specifying user control of the location and indicate the name and path of your swap file and a maximum and minimum value. This can help keep all of Windows from slowing down.

The user may boot to DOS from a startup by changing the default to boot to DOS rather than Windows 95. If the timer should be set to 0, when Windows attempts to boot up it goes immediately to DOS and you're locked out of Windows. So Ed recommends leaving the timer code at 16 seconds or so allowing time to kick over to Windows if desired.

The DOS mode is Win 95's version of DOS. If the user wants something else he must have an old version of DOS left over from a previous setup remaining in the machine. As promised earlier, Ed deleted a file essential to starting Win 95 and used the Cheyenne program to attempt to restart it. But the Cheyenne disk didn't work. So...

Ed used a regular DOS startup disk in the A: drive to boot. Then he (craftily) copied the missing file (which he had kept in reserve) and Win 95 did start. His initial start was in the safe mode, then he restarted and Windows loaded in the regular manner.

Ed tried to install Windows Internet Explorer to access the new OCIPUG web page but failing to get Windows 95 to work, he loaded a floppy and was able to demonstrate his and Roberta's progress in re-making the All Windows web page.

Robert Lynch won the drawing for Checkit.

### WordPerfect SIG

*Jeff Sinn*

The October SIG began with a question about the feature assigned to the F10 key in WPWin6.0a. [A short diversion — if you enjoy “Abort, Retry, Fail” in the back of PC Magazine, you will like this: I was watching a TV show the other night and the two characters were operating a laptop computer. One said “Press F4” and the other dutifully hit the “F” key, then the “4” key. Just to prove this was no fluke, he next did “F10” by, you guessed it, “F”, “1”, “0.” Maybe it was a Mac.] There is no function assigned to F10 by default. However, you can assign a feature or keyboard script to a key, as well as launch another program or play a macro. WordPerfect will not allow you to edit the default keyboard — first create a copy, then customize that one. Besides being able to use the combinations of Ctrl, Shift, and Alt with all the Function and regular keys, you can even *change* the normal assignment of a key. Never use that “z” key? Why not make it really valuable — like launching Solitaire with a single keystroke. The minor downside is that you will not be able to discuss the up-coming Pizza party in your next newsletter until you unassign the key or select another keyboard from Preferences.

The first topic for the evening was how to use the Internet to get useful information on Corel and WordPerfect products. Richard Baznik began with an introductory Presentations slide show on the basics of the Internet. We then got online where Dick and I demonstrated some of our favorite sites, starting with Corel's website at [www.corel.com](http://www.corel.com). This site has plenty of news and information on all of Corel's product line. Perhaps the most useful aspect is a direct link to Corel's ftp (file transfer protocol) site. From here, you can download updates, patches, help files, programs (like the Internet Publisher for WPWin6.1) and the latest printer drivers for all recent versions of WP.

The next website was Corelnet ([www.corelnet.com](http://www.corelnet.com)), which calls itself “the independent online resource for all thing Corelian.” It includes product information plus press releases, tips, and a link to Corel's site. Corelnet also provides descriptions of Corel related files and utilities, and links to

sites for downloading. The Discussion Area is much like a BBS, where you can post questions and exchange tips and tricks with fellow users.

The final location we visited was WordPerfect Magazine ([wpmag.com](http://wpmag.com)). This site presents an overview (plus the full text of selected articles) of recent editions of the magazines (DOS, Windows and the UK versions). Older issues (> 3 months) appear to have the entire articles presented.

George Austin then continued his primer on using macros to place a series of graphics in a pattern within a document. As a sample, he created the Corel “C” logo by defining a square in an OLE box in WP Draw. George first edited the OLE graphic style to turn the wrap off, then his macro took over to set the squares in the proper configuration. He also demonstrated a similar macro which placed images in a spiral formation. George finished up the SIG by looking at some of the issues involved in rotating an image within a graphics box without clipping the corners.

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### WordPerfect SIG

*Jeff Sinn, George Austin, Dick Baznik*

At the November meeting, Jeff demonstrated Corel WordPerfect Suite 7 for Windows 95. For a more thorough review, see Jeff's article in this issue or on the OCIPUG Web page. The first question was regarding an error message you get when you try to install an additional component after the initial installation of WP 7. Jeff started the installation process off of the CD-ROM to show the options available on the initial screen. You can install as much or as little of the suite as you like, including AT&T's internet service and Netscape Navigator. The entire installation can take as much as 273 MB of disk space. WP Suite 7 can be installed along side Novell's PerfectOffice 3 (WP 6) with no conflicts. On the subject of conflicts, Jeff's computer video output and the SIG's overhead projector were incompatible. The monitor worked fine, so the rest of the demo was done on the small screen.

Corel places the Desktop Application Director (DAD), not on the desktop as in Novel 6 suite but down on the task bar in the notify area. Click once on a fountain pen icon and up comes WordPerfect 7.

The look of WP7 is pretty much the same as 6.1. Jeff brought up a sample document just to tinker with (the file format is different from 6.x). He then showed the two small manuals that come with the product: one is 10,000 pieces of clip art and the other “Quick Results” shows how to do things using more than one program, but is in no way the documentation for each program. The Reference center on the CD-ROM has all the documentation in Envoy format.

Some of the new features: Margin Guidelines — you see blue lines delineating the margins (red when you are using columns), which can be dragged and dropped.

QuickSpots: This is a little button in the margin opposite the current paragraph. If you click on it, you get a menu of things you might want to do to a paragraph. There is similar QuickSpot for tables

Spell-As-You-Go. Under the misspelled words are little red hash marks that let you know the program can't find the word. Right click on the unrecognized word to get a menu suggesting a replacement. You can also start the spell checker from this menu. Or you can fix it yourself and the red hatching will go away.

With QuickCorrect, when you type an asterisk and a tab, it changes it to a bullet and an indent. Three dashes at the beginning of a line gives you a full width graphic line; three equal signs for a double line. It also makes ordinals easy: 1st goes to 1<sup>st</sup> automatically.

See and Set Tabs. There is an indicator in the margin to tell you where you set up a tab change and to make modifications easy.

If you click on QuickConnect in the task bar, you get a dialog box that lets you select an internet URL. It then loads Netscape Navigator, dials your ISP and you are connected to your selected web site. You can prepare a

document in WordPerfect, then convert it to HTML or create hypertext links with anything on the web.

George Austin related his recent experience with WordPerfect's tech support. He had a corrupted macro but didn't realize it. After waiting a long time for Corel to come on line, they could not help, so he solved it himself. George says: when debugging a macro, it is best to not play a macro on the same screen with the macro. Switch to a new document and play the macro there.

George then described a macro to place graphics in a pre-determined configuration or to deploy them along any geometric path you specify. It can also change attributes, size, position, brightness, etc. For a newspaper ad, he simulated a single shingle in WordPerfect Draw. He then placed it in a OLE box in WordPerfect. The graphic can be rotated to the proper configuration and reproduced to obtain the desired effect. This is done by selecting the object, the using the graphics power bar with special graphics controls such as Content, Border/Fill, Size, Tools.

George then went through the important lines of the macro that put the shingles into their proper relationship.

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### UNIX/Linux

*James Clymer*

Jim Clymer opened the October Linux/UNIX SIG by showing some related books and press releases about subjects common to Linux and UNIX. He then introduced SED and AWK, two stream handling programs present on all Linux and UNIX systems. He had handouts showing two sample programs. SED was a stream-handling editor and the sample program was a four-line program to filter out control codes used for formatting the online manual pages for the screen. This allowed the printing of the online pages without getting control codes in the print-out. AWK is a very powerful script type programming language which lends itself well to streams. The class example was a program which read an ASCII comma delimited file

with names and grades and built a summary of the class performance and converted numeric grades to letter grades.

After the break, Jon Pike brought in his machine with Linux loaded. He and Jim connected their machines together to form a network and demonstrated how Linux machines can be networked with the TCP/IP programs which are included with the system.

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### UNIX/Linux

*James Clymer*

The subject of the December Linux/UNIX SIG was games in honor of the Christmas Holidays. A number of games which come free with most Linux distributions were demonstrated by SIG leader Jim Clymer. Several of the games were graphical card games like solitaire, spider, klondike a game similar to solitaire and ohhell which is a bidding game where you take tricks. There was a version of yahtzee and a game called connectN which is a game where you drop colored disk in a two dimensional rack build the stacks from the bottom trying to get five in a row in any direction before your opponent. Another games was othello which is a game where you start out with a square board divided into cells, each player places a colored disk in a cell adjacent to an existing disk. Any of the opponent disks which fall between the disk you played and another one of your disk is changed to your color. The object of the game is to have the most of your color disk on the board when all the cells are full. Mancala is a thought game where you try to make moves to take as many of your tokens off the board and when you make the right moves you get to take some of your opponents tokens of the board. The player to take the most tokens off the board when the board is empty is the winner. There was an "X-Windows" version of backgammon which the group had a lot of fun trying to teach the leader how to play. Also, a game named flying, which is an "X-Windows" version of pool, the attendees all pitched in to figure out how to operate this game. In addition, a game called mines which is very similar to the one that comes with

MicroSoft's Windows. Two other actions games were doom, the old favorite games from other platforms and abuse a dungeon type of game with multiple levels. Both of this games have great graphic and sound.

At the break Christmas cookies were served to get everyone in the holiday spirit.

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### Corel WordPerfect Suite - Cont'd from pg 13

c the "File Open" dialog box which allowed you to click on an easy-to-remember name, like "WordPerfect SIG Reports" to go to that directory without having to recall that the path is really:

"D:\OFFICE\WPWIN\DOCUMENT\WPSIG." However, with the addition of long file names in Windows 95, this is not the same issue it was in Win3.1. WPSuite7 creates a Favorites folder in which you can store shortcuts to the files and folders you use frequently. To make this even easier, there are icons on the "Open" and "Save As" dialog boxes to allow you to open your Favorites folder or create a shortcut. Although this is going to take some getting used to, I think the Favorites folder will prove to be even more convenient than the QuickList.

I will continue to report on this very impressive new release as I work my way through the various programs and features.

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### Herb's Hangout cont'd from pg 6

15 with SCSI and IDE versions competitively priced with the Jaz. The SyJet cartridges will also be comparably priced to the Jaz cartridges.

Right now I am still content to wait for the dust to clear. I see the price of the media as the biggest obstacle to owning a Jaz drive. Who knows, maybe Iomega will give OCIPUG a club discount at the October General Meeting and I will have something to talk about next month.

# Minutes and Announcements

## Minutes of the Executive Board Meeting

October 28, 1996

Pursuant to determination that a quorum was present, the meeting of the Executive Board of Directors of OCIPUG was brought to order by President Ed Lee at the OCIPUG SIG space, 1520 Brookhollow Drive, Suite #38, Santa Ana, CA at 6:38 p.m.

### Those present::

#### Officers:

Ed Lee, President  
Paul Fuller, Vice President  
Terry De Witt, Secretary (absent)  
Larry Pearce, Treasurer

#### Directors:

Richard Baznik  
Tony Dopazo  
Preston Hill  
Herb Huey (absent)  
Ken Kamber  
Alan Liebschutz  
Reg Roberts  
Denise Werner (absent)  
Bob Basaraba, Past President (absent)

Approximately ten additional committee chairs, members and guests were also in attendance.

### Minutes:

Minutes of the previous meeting of the Executive Board of Directors (September 30, 1996) were approved as recorded. Minutes of the General Meeting of September 26, 1996 were approved as corrected

### APCUG Report:

Paul Fuller will cast OCIPUG's ballot for the current APCUG election as OCIPUG's representative to APCUG.

### MISCELLANEOUS ITEMS:

Newsletters received from other User Groups to be delivered to the SIG Space by the Editor when no longer needed and made available for the general membership on the SIG Space magazine display rack. The term "Facilities" in the disposition col-

umn of the Secretary's Correspondence report should be corrected to "Property".

Alan Liebschutz to be provided with a copy of the OCIPUG Insurance Policy in order to research other insurance carriers.

### FINANCIAL REPORT:

A five page financial report submitted in the Director's Package was accepted by the Board as submitted.

### COMMITTEE REPORTS:

*Publications Committee:* Publications liaison Richard Baznik submitted a one-page report on the costs of publishing the Readme.Doc for the current month. 100 SIG guides were made available to Fry's Computer store.

*SIG Space Committee:* Red Davidson reported the SIG Space Toshiba VCR will cost \$110 to \$125 to repair, and the value of the unit is in excess of the cost of repair. The Laser printer is having a paper jam problem and is still under warranty. Ed Lee is to take the printer for repair as necessary. The Club Okidata printer is in need of repair, possibly a drum, and is in the possession of Red Davidson pending direction from the Board regarding repair.

### OPEN FORUM:

The meeting was suspended for the "good of the group" at 7:35 p.m. Kevin Moser repeated his request for information on what was going to be done with leftover software and goods from the auction.

*Facilities & Equipment (Property) Committee:* Chairman Allen Ashley presented a two-sided, one-page report of "Assets stored in places other than Brookhollow". Considerable discussion took place regarding the difficulties encountered in maintaining control of property with too many people having access and failing to observe procedures.

*Policy and Procedures:* Chairman Tony Dopazo re-submitted a three-page report regarding the proposed Rules of Conduct having received no additional input, and recommended the adoption of the Rules of Con-

duct by the Executive Board and publishing the Rules in the club newsletter "Readme.doc".

### Financial Review Committee:

Chairman Charles Cambron reported the accounting procedures are substantially improved over prior periods and the Treasurer's duties are being performed in an orderly and timely manner (Detailed report in Director's Package). Considerable discussion took place regarding the history and purposes of the Tim Smith Fund. Mike Springer will research prior issues of the Readme.doc for articles and items published in approximately 1988 for documentation of the Tim Smith Fund origin.

*Membership Accounting:* Chairman Roger Garten submitted a one-page report of renewals and new members covering an eleven month period (December 1995 through October 28, 1996). Current membership stands at 756 and declining.

*Membership Promotion:* Reg Roberts reported someone has screwed up the hot line equipment and Kevin Moser is attempting to correct the problem. President Ed Lee is to provide Reg Roberts with a remote access code to access and respond to messages left on the SIG Space Office answering machine for follow-up and action.

*SIG Operations Committee:* Chairman Preston Hill gave a brief oral report together with a one-page written report that no SIG leader is available for the Windows NTW SIG, and the SIG has been canceled. The Microsoft Access SIG has been canceled due to lack of a SIG leader and a new leader is needed for the Desktop Publishing SIG. The "Getting Started" SIG has been changed to "Now What Do I Do".

*Secretary's Report:* In the absence of the Secretary, Tony Dopazo reported the Secretary requests disposition of software recently received. Four copies of Adobe Photoshop Deluxe for the General Meeting drawing has been received and were distributed to the Program Committee. Only threecopies were provided at the drawing. Considerable discussion took place regarding the fourth copy being distributed to the Internet working

Committee for review for the Web Page without authorization or knowledge of the Executive Board and in violation of the Club's policy regarding receipt and distribution of software and other product. In addition, a copy of Corel7 was allegedly solicited and received by the Program Committee Chairman or his designee in violation of OCIPUG Policy. The President directed the Chairman of the Program Committee to immediately retrieve and deliver both software items to the Club Secretary.

## Business:

### *Repair SIG Space VCR:*

It was moved (Kamber) and seconded (Dopazo) to authorize Kim Kymlicka to have the SIG Space Toshiba VCR repaired at a cost not to exceed \$125.00. Motion carried.

*Rules of Conduct:* It was moved (Dopazo) and seconded (Fuller) the Rules of Conduct as submitted by the Committee for the OCIPUG Policies and Procedures be approved and to implement the membership termination provisions of the OCIPUG By-laws. Motion carried, One abstained (Liebschutz).

*Distribution of Rules of Conduct:* It was moved (Dopazo) and seconded (Hill) the Rules of Conduct shall be distributed by their inclusion in each new member kit, published in the OCIPUG Newsletter Readme.doc in the next issue following adoption, and whenever directed by the Executive Board of Directors. Motion carried, One abstained (Liebschutz).

## Adjournment:

The meeting was adjourned at 9:35 p.m. by unanimous consent.

## Next meeting::

The next regular meeting of the Executive Board of Directors will be held on Monday, November 25, 1996 at the SIG space, beginning at 6:30 p.m.

Respectfully recorded,  
Larry Pearce, Secretary Pro Tem

## Minutes of the Executive Board Meeting

November 25, 1996

A quorum being present, the meeting of the Executive Board of OCIPUG was brought to order by President Ed Lee at the OCIPUG SIG space, 1520 Brookhollow Drive, Suite #38, Santa Ana, CA, at 6:37 p.m.

### Those Present:

#### Officers:

Ed Lee, President  
Paul Fuller, Vice President  
Terry De Witt, Secretary  
Larry Pearce, Financial Officer

#### Directors:

Richard Baznik (absent)  
Tony Dopazo  
Preston Hill  
Herb Huey (absent)  
Ken Kamber  
Alan Liebschutz (absent)  
Reg Roberts  
Denise Werner (absent)  
M.R. (Bob) Basaraba, Past President

Approximately ten committee chairs, members and guests were also in attendance.

### Minutes:

Minutes of the previous meetings (October 28, 1996) were approved as recorded.

*Secretary's Report:* Secretary Terry De Witt reported a summary of correspondence and other items received at the OCIPUG mailbox. He also informed Board that software that was to be received from Alan Liebschutz was not received. The report was concluded by the Board giving their direction as to where software received should be directed.

*Financial Officer Report:* Financial Officer Larry Pearce presented a one-page summary of the financial condition of the club in the board package. Also included was a five-page financial breakdown of income and expense of OCIPUG accounts. The financial officer fielded several questions for clarification of the financial statements submitted

in his report. The report was concluded with a copy of application for renewal to APCUG for information purposes only.

### Committee Reports:

*Publications Committee:* Publications liaison Richard Baznik submitted a report breaking down the cost of publication of SIG Guides.

*Membership Accounting:* Chairman Roger Garten submitted a one-page report including total renewals and new members covering a twelve month period. The Chairman also shared with Board a message received from a member his reasons for possibly not renewing his membership with OCIPUG.

### Open Forum:

The meeting was suspended for the good of the order open forum discussion at 8:35 p.m. The meeting was reconvened at 8:45 p.m.

### Committee Reports Cont.:

*SIG Operations Committee:* Chairman Preston Hill submitted a report updating Board of Directors on recommendations re daytime SIG's. The Chairman is also seeking both SIG Leaders and Layout Volunteers to assist with the SIG Guide and SIG meetings. The Chairman concluded his report by informing the Board that Dale Blank of NOCCC "Orange Bytes" has agreed to teach a class as well as assist in the preparation of the upcoming Readme.Doc.

*Election Committee:* Chairman Steve Schiffman presented a one-page report with final results of the election tallies.

*Internetworking Committee:* Chairman Bob Basaraba presented a five page quarterly report outlining the status of projects and long range goals for obtaining Internet access for members. A special walk through meeting was set up for the new Board of Directors to see OCIPUG network resources available to the Board and others in volunteer positions.

### Appointments

Dean Sowers Internetworking Committee, Frank Disparte as Leader Windows 95 SIG, Bill Phillips as Guru Windows 95, Bob Schmiedeke member SIG Operations Com-

## Minutes and Announcements

mittee, Rudy Wolf Leader Special Windows 95 Start-up SIG, and Rudy Wolf member Internetworking Committee.

### Announcements:

The Board of Directors extended special thanks to both Allen Ashley and Roger Garten for the contributions made to OCIPUG in the positions they held. Allen as Property Chairman and Roger as Membership Services Chairman.

There will be a Special Windows 95 start-up SIG on Wednesday Mornings from 9:30am to 12 noon for five consecutive weeks. The newly elected Board of Directors and Officers were sworn in by outgoing Vice President Paul Fuller.

Russ Merrifield notified the Board of Directors of his and Allen Ashley's work with the Head Start Program of Santa Ana. They assisted in the setup/use of donated computers. Job well done to both Russ and Allen.

### New Business:

*Minutes—October 28, 1996:* It was moved (Dopazo) and seconded (Pearce) to accept minutes as submitted. Motion carried unanimously.

*Financial Report:* It was moved (Dopazo) and seconded (Fuller) to accept the Financial Report as submitted by the Chief Financial Officer. Motion carried unanimously.

*Internetworking Quarterly Report:* It was moved (Pearce) and seconded (Fuller) to accept the Internetworking Quarterly Report as submitted by the Chairman. Motion carried unanimously.

*APCUG Software Distribution:* It was moved (Pearce) and seconded (Hill) that in lieu of payment of expenses for his trip to COMDEX that Paul Fuller be allowed to retain a copy of O/S Warp and Internet Sidekick. Motion carried one opposed (M.R. Bob Basaraba).

*APCUG Software Distribution:* It was moved (Pearce) and seconded (Roberts) that in lieu of payment of expenses for their trip to COMDEX that Terry De Witt be allowed to retain a copy of OS/2 Warp 4, Tony Dopazo retain Quick Books Pro, Roberta Klein OS/2 Warp 4 and Internet Sidekick.,

and Ken Kamber retain OS/2 retain a copy of O/S Warp and Internet Sidekick. Motion carried one opposed (M.R. Bob Basaraba).

*APCUG Software Distribution:* It was moved (Pearce) and seconded (Roberts) that in lieu of payment of expenses for their trip to COMDEX that Terry De Witt be allowed to retain a copy of O/S Warp, Tony Dopazo retain Quick Books Pro, Roberta Klein O/S Warp and Internet Sidekick., and Ken Kamber retain O/S Warp and Internet Sidekick. All Other software having a retail value of \$50.00 or more became the property of OCIPUG. Motion carried one opposed (M.R. Bob Basaraba).

### Adjournment:

The meeting was adjourned at 8:00 p.m. by unanimous consent.

### Next Meeting:

The next regular meeting of the executive board will be held on Monday, December 30, 1996, at the SIG space, beginning at 6:30 p.m.

Recorded, Terry De Witt, Secretary

*These draft minute prepared by the Secretary become official only if, when and as adopted by the Executive Board. —Ed.*

### Tech Tips, continued from pg 7

Various components such as surge suppressors and clamping diodes are used at critical points through handset circuitry to permit operation from -47 VDC from the central office battery to -105 VDC, and for ringing voltages of from 40 VAC to 130 VAC. For the technically minded, it's estimated that each mile of wire pair between the central office and a local takeoff has shunt capacitance of 0.07 microfarad, series inductance of about 1.0 millihenry, and series resistance of about 42 ohms.

The telephone industry has changed fantastically in the thirteen years since publication of a source I recommend for further details, but the basic telephone has changed little:

UNDERSTANDING TELEPHONE ELECTRONICS, J. L. Fike and G. E. Friend, Texas Instruments Learning Center (for RADIO

## Rules of Conduct

The Orange Coast IBM PC User Group (OCIPUG) is comprised of those who share a common interest in gaining understanding of and proficiency in the use of personal computers and software. OCIPUG welcomes into membership all who share these interests and encourages the active participation of all of its members. In order to preserve its facilities, maintain a congenial atmosphere, and protect the organization for the benefit of all members, OCIPUG prohibits the following conduct:

1. Misappropriation of OCIPUG property.
2. Misrepresenting member status, authority or position.
3. Willful or intentional destruction of club property or property intended for club use.
4. Intentional disruption of any club meeting or event.
5. Defamation of character of another member at any club activity, or by use of any club facility, or in the course of or incidental to the conduct of club business.
6. Use of OCIPUG position or facility for promotion of commercial/private enterprise with7. Unauthorized copying or distribution of club software, or of any software in the course of a club activity.
8. Failure to abide by the substantive policies of OCIPUG as established by the Executive Board.

## OCIPUG Executive Board

### Officers

President	Ken Kamber	637-4490
Vice President	Doug Nowlin	838-1890
Secretary	Morris Fier	646-8292
Treasurer	Larry Pearce	543-5661
Past President	Ed Lee	897-1347

### Directors

Richard Black	1998	847-4827
Tony Dopazo	1997	897-3912
Preston Hill	1997	893-2403
Richard Hunter	1998	968-6362
Jim Kirkpatrick	1998	642-8795
Alan Liebschutz	1997	859-5815
Reg Roberts	1997	642-5399
Dean Sowers	1998	531-0477

### OCIPUG Information & Resources

Bulletin Board (2400/9600/14400)	751-3242
OCIPUG Information & Message Line	662-2939
OCIPUG Emergency Line	662-2539
World Wide Web	<a href="http://www.ocipug.org">http://www.ocipug.org</a>

## People and Numbers to Know

BBS Committee	Ed Miller	470-9349
SYSOP	Dean Sowers	531-0477
Calendar Specialist	Maurie Seymour	633-2914
Editor	Preston Hill	893-2403
Property Committee		
Library Committee	Bob Blakeley	549-0958
Long Range Planning	Ed Lee	897-1347
Membership Acctng.	Richard Baznik	669-8974
Membership Promotion	Reg Roberts	642-5399
Policies & Procedures	Tony Dopazo	897-3912
Program Chairman	Alan Liebschutz	859-5815
Publications Comm.	Doug Nowlin	838-1890
SIG Operations Chairman	Preston Hill	893-2403
Facility Improvement	Red Davidson	548-0413

## General Meeting Dates

- |              |               |
|--------------|---------------|
| ☆ January 25 | ☆ February 22 |
| ☆ March 22   | ☆ April 26    |

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**March 1997**

**Netcom Internet Products**

**Symantec—New Norton products**

**April 1997**

**US Robotics — Modems**

**Microsoft — Windows NT**

Copy deadline for Readme.Doc articles, reports, product reviews, and other copy is **January 24, 1997**.  
SIG Topics deadline to SIG Guide Coordinator is **January 29, 1997**.

**Orange Coast IBM PC User Group**  
1500 Adams Avenue #105  
Costa Mesa, California 92626-3894

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