

Orange Coast IBM PC User Group

README.DOC

February 1997

Newsletter Version 13.2

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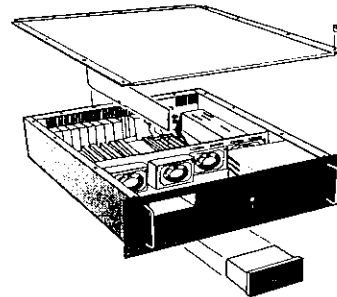
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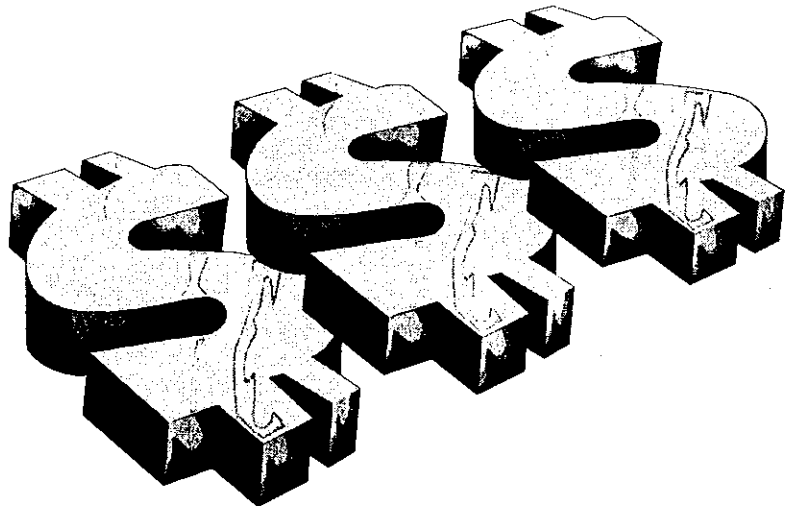
*The January 25, 1997, 9:00 a.m.
General Meeting will feature:*

*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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Richard Baznik

714-669-8974

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OCIPUG

1500 Adams Avenue #105
Costa Mesa, CA 92626-3894

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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.

The *Readme.Doc* copy deadline is midnight the Friday before the General Meeting.

1. Upload to the Newsletter Section off 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

Editor - *Readme Doc*

1500 Adams Ave. #105

Costa Mesa, CA 92626-3894

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Newsletter Staff

Publications Chair	Preston Hill 714-893-2403
Editor	Norm Bergman 714-536-2951
Assistant Editors	Doug Nowlin Peg Morgan Charles Schreiber Carroll Travis Audrey Wolden
Layout/Design	Dale Blank Norm Bergman Karla Heider Preston Hill Peg Morgan Charles Schreiber
SIG Guide Editor/Layout	Norm Bergman Preston Hill Dale Blank
SIG Topic Coordinator	Preston Hill
Contributors	Norm Bergman James Clymer Morris Fier Paul Fuller Harv Haight Preston Hill Herb Huey Richard Hunter Ken Kamber Alan Liebschutz Tony Mellini
Production Mgr	Charles Schreiber Norm Bergman
Circulation Mgr	Russ Merrifield
Circulation Assistants	Bob Barringer
Dave Brown	Bill Bunning Patricia Bunning Mike Conway Tony Dopazo Paul Fuller Michael Gooding Robert Lynch Audrey Wolden
Past Editor & Publisher	Roberta Klein Sunny Lockie Jean Stevens Steven Dela Stephen Burnside Tom Sutro
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PRESIDENT'S MESSAGE

Although this is the February issue, this is the first message I have written in 1997 and I want to wish everyone a Happy New Year.

As I was moving into the OCIPUG office, I had constant reminders of what past volunteers had accomplished. Many things had been taken for granted. I learned that the locks in our SIG space were worth about \$1500 and were a donation arranged by Dave Lorenzini, one of our founding members. Dave is on the East Coast now, but I still consider him one of our valuable resources. When I approach the equipment cabinets, I can see the mall sign made by Bob Basaraba which indicates that they were made by Red Davidson and Kevin Moser. Without that little sign, I would never have given a thought as to who made the cabinets for us. I'm starting to use a small computer (no label so I don't know who the generous donor was) in the office which is an old 25 megahertz AST 386 SX with 4 megabytes of memory and a 50 megabyte hard drive. I'm used to running Windows 95 and OS/2 at home. Bob Basaraba has shown me how the AST can be used in a productive manner. Whenever I use the copy machine in the office, donated by Arcadia Lloyd Insurance Company, I'm reminded of all the contributions that have been made to OCIPUG through the efforts of Mary Christensen, Jeannette Kay and many others.

This minimal computer in the office will become much more useful when we have the intranet completed in our SIG space. Much of the work on the intranet is already completed. All of the wires (a \$1500 donation by Mary Christensen again) are installed due to the efforts of a lot of people. I helped on this one and saw many people working. When I go to the SIG space I quite often see Francis Reed, Bob Basaraba, Denise Werner, and other members of the Internetworking committee working in the SIG space. As construction of the intranet progresses, it will help people using our SIG space and benefit all members of our club.

A small amount of criticism from a few members has come my way because the Readme.Doc missed an issue and was late for an issue. The criticism is justified. I do think I am learning my job and making fewer mistakes. My approach of appointing team

leaders seems to be working.

I am impressed by the publications team that has been gathered by Preston Hill. They are working as a team and my impression is that they may even be having fun. Some of them are learning really fast. A small number are professionals.

Enough good things cannot be said about Dale Blank. He is a member of the North Orange County Computer Club and the Editor of their Orange Bytes. He helped us produce the January issue of the Readme.Doc. The OCIPUG Board of Directors has made Dale a member of OCIPUG. Dale is continuing his help by giving presentations to our Publications Committee and the Desktop Publishing SIG.

Now is an outstanding opportunity to learn how to publish a newsletter. Just come to a Desktop Publishing SIG, a Publications Committee meeting, or call Preston Hill.

Recently a HTML draft version of the OCIPUG Bylaws was prepared by Jim Clymer. It is on our Web page (<http://www.ocipug.org>) and available to all members. I don't know about you, but I don't know which issue of the Readme.Doc had the Bylaws printed, or where that issue is. Also, Jim did a beautiful job with the hypertext. When the Bylaws refer to something, one just clicks on the highlighted reference and is there. This is true even for the State of California Codes. Try it. You'll like it. Thanks Jim.

Jim Clymer cannot be thanked without thanking Roberta Klein, who with her committee, did so much work over a 2 year period to give us Bylaws that are in compliance with legal requirements. That effort by Roberta was probably a minor one compared to the excellent work she did every month as editor of the Readme.Doc.

It is good to see some members recruiting new members. We all need to be doing that. Wear your badges. Invite people to our meetings. Tell them the great opportunities in our club. I'm a member of four computer clubs in our area. They are all good. I get my best value, and learn the most from OCIPUG.

Meeting Report December 14, 1996

Harv Haight

Guru Michael Springer was backed by Bob Basaraba in answering questions from the half-filled auditorium in a "Random Access" prior to opening this 143rd General Meeting. After opening remarks by new President Ken Kamber at 9:00 AM, Program Chair Alan Liebschutz introduced Broderbund Products's Erin McGlynn, who demonstrated various formats of Print Shop Deluxe as well as several new games. Ms. McGlynn had problems with the sound system that lessened audience appreciation to some extent.

Former President John Goodman came next, with a cogent overview of memory management with DOS and its "successors." WIN95's major contribution has been in improved handling of "resources." John has told fuller details in his series of books that are still quite pertinent!

For the final presentation, Helix Software sent President Mike Spilo to give details of "Hurricane" and "Netroom." "Hurricane" finds unused RAM and utilizes "Stacker" compression to free up physical memory. "Netroom" gains memory by moving programs to 32-bit protected mode memory. It also updates BIOS via software. OCIPUG thanks vendors for contributing prizes. Records were not kept of drawing winners.

MEMBERSHIP INFORMATION

WELCOME - New Members

We extend a hearty welcome to the following members who joined OCIPUG during November or December 1996. Each of you should have received a "New Member Kit" to introduce you to the many features and advantages of OCIPUG, especially the use of the OCIPUG electronic bulletin board system (BBS) — a center for exchanging ideas and getting help to solve a problem. Additional kits are available from the OCIPUG Library during General Meetings. We encourage you to participate in the Special Interest Group (SIG) meetings, use the BBS, help your fellow members, and have fun.

3409	Carole Arnold	3401	Tony Hernandez
3406	Brigitte Bassler	3400	Roger Hughes
3412	Paula Castanon	3411	Stuart Koziol
3413	Richard Castanon	3405	Robert Leonard
3414	Bill DeMayo	3402	Price Locke
3415	Donna DeMayo	3403	Alan Moses
3397	Cynthia Denzler	3407	Marjorie Millen-Reednick
3396	Fabian Denzler	3410	Herbert Sax
3394	Hanspeter Denzler	3408	Gregory Stevenson
3395	Rosmarie Denzler	3404	Carroll Travis
3398	Annabelle Farago	3399	Bruce Williams
3416	Cindy Foley		

EXPIRING OR EXPIRED MEMBERSHIPS as of 31 December 1996

We now have 538 individual, 66 family, and 5 student memberships.

If your name is on the list, won't you consider renewing your membership and use the features and advantages of OCIPUG! If you see the name of a friend on the list, won't you encourage your friend to renew!

Names are listed by month of expiration.

<p>NOVEMBER 1996</p> <p>1258 Dave Armstrong</p> <p>2579 Ilie Cionvica</p> <p>2098 Gene Duchene</p> <p>3267 Rick Eirich</p> <p>3019 Warren Flarity</p> <p>3037 Tony Fleming</p> <p>786 Richard Held</p> <p>3275 Derek Henry</p> <p>2783 Richard Kettley</p> <p>405 Robert Marczy</p> <p>1841 Jonathan Means</p> <p>1842 Mary Means</p> <p>2573 Dan Miano</p> <p>3269 William Myatt</p> <p>2594 Joseph Pellitteri, Jr</p> <p>2157 John Presta</p> <p>1028 Robert Smith</p> <p>3033 Bill Spicer</p> <p>3026 Dan Upchurch</p> <p>3036 Annaliese Wirth</p> <p>3035 Jonathan Wirth</p> <p>DECEMBER 1996</p> <p>3277 Andrea Avazian</p> <p>1649 Edward Butler</p> <p>1612 Marge Butler</p> <p>3046 Michael Butler</p> <p>3281 Joe Cullen</p>	<p>JANUARY 1997</p> <p>2182 Wayne Ali</p> <p>2498 Jesse Bequette</p> <p>3068 Belle Bestor</p> <p>867 Charles A. Bracher</p> <p>737 Roy Burke</p> <p>457 Robert Buzerak</p> <p>458 Reta Cagle</p> <p>1357 Mike Cangli</p> <p>3287 Bernard Carns</p> <p>459 Victor Caron</p> <p>3288 Donald St. Clair</p> <p>877 Steve Codd</p> <p>3057 David Conway</p> <p>2791 Mike Conway</p> <p>2802 Nino Cotela</p> <p>1599 Bill Crane</p> <p>2231 Lee Donaldson</p> <p>2478 Anthony Dopazo</p> <p>1593 Bernard Egbert</p> <p>428 Joe Falcon</p> <p>3283 William Fisher</p> <p>3069 Carol Forney</p> <p>385 Patricia Ganz</p> <p>2809 Barbara Garten</p> <p>2808 Roger Garten</p> <p>2811 Louis Gehring</p> <p>444 Danny M. Geter</p>	<p>1639 Pamela Greene</p> <p>1065 Dave Gryvnak</p> <p>2805 Cathy Hall</p> <p>3284 James Hodge</p> <p>1641 Kurt Keller</p> <p>57 Ann Lee</p> <p>3071 Michael Lingo</p> <p>750 Max Lockie</p> <p>751 Sunny Lockie</p> <p>1879 Devon McRorie</p> <p>2613 Joyce McRorie</p> <p>845 Tom McRorie</p> <p>886 George Mefferd</p> <p>1076 James Mitchell</p> <p>479 Bobbie O'Neal</p> <p>1526 Wendy Ochi</p> <p>3285 Ward "Tom" Olsson</p> <p>65 Mark Powers</p> <p>1186 Dean Reinemann</p> <p>715 Steve Riddle</p> <p>3289 Rhoda Rosen</p> <p>1624 Martin Ruby</p> <p>942 Jean Rudenski</p> <p>3063 Lou Sharkansky</p> <p>943 Dean Sowers</p> <p>3286 Dennis Sprang</p> <p>67 Mike Stewart</p> <p>63 Ned Stewart</p> <p>1637 Jim Stolp</p> <p>1360 George Walker</p> <p>3051 David Weiss</p> <p>3050 Hillard J Weiss</p> <p>3052 John Weiss</p> <p>3049 Katharine Weiss</p> <p>3053 Mark Weiss</p> <p>954 David Yap</p> <p>FEBRUARY 1997</p> <p>2225 Audrey Allen</p> <p>2233 James Allen</p> <p>3290 Suzann J. Bennett</p> <p>3294 Zed Benson</p> <p>3299 Marsha Best</p>	<p>3306 Julie Bixby</p> <p>3307 Mark Bixby</p> <p>1896 Marshal Boslow</p> <p>1298 James Brady</p> <p>3323 Loretta Brainard</p> <p>3092 Richard Brainard</p> <p>1919 David N. Brown</p> <p>1920 Jeanne Brown</p> <p>920 Tony Carnicello</p> <p>3300 Glen Christiansen</p> <p>2841 Nancy Costantino</p> <p>2194 Fredric Crosby</p> <p>1780 Donald Crow</p> <p>1396 Paul Delke</p> <p>3302 John Despot</p> <p>3303 Libby Despot</p> <p>3304 Mary Despot</p> <p>2297 Frank Disparte</p> <p>3083 Warren Frandsen</p> <p>975 J. Donald Franklin</p> <p>3291 John E. Fuller</p> <p>3292 Kevin Fuller</p> <p>3293 Mary Fuller</p> <p>1346 Jim Fulton</p> <p>2206 Gary Granat</p> <p>3118 James Gunn</p> <p>3305 Lani Hall</p> <p>3077 Chris Hansen</p> <p>2329 Jeannie Henry</p> <p>2835 Marvin Hoffman</p> <p>3309 Michael Hoffman</p> <p>3308 Steven Hoffman</p> <p>3295 Bill Hoyland</p> <p>500 Lucille Hunter</p> <p>2311 William Jennings</p> <p>3091 Patricia Jiles</p> <p>3310 Adrienne Joyce</p> <p>3311 D.Karpowich</p> <p>3105 Jim Kennedy</p> <p>2210 Ed Kimball</p> <p>1653 Jim Kirkpatrick</p> <p>1658 Don Krueger</p> <p>518 John Kruse</p>	<p>3312 Linda Lalamentik</p> <p>2217 Jack Ledbetter</p> <p>2234 Alan Liebschutz</p> <p>2243 Robert Lynch</p> <p>1648 Berenice Maltby</p> <p>932 Pamela Mang</p> <p>933 Terence Mang</p> <p>3081 Dennis Martin</p> <p>2211 Max Mayfield</p> <p>1912 Pat McLaughlin</p> <p>984 Roger Mendenhall</p> <p>986 George Moore</p> <p>3298 Milton Nielsen</p> <p>3297 Mitzi Nielsen</p> <p>525 Robert Olea</p> <p>1652 Dino Panicacci</p> <p>418 Carol Peterson</p> <p>3107 Jon Pike</p> <p>1430 Jack Plotner</p> <p>1457 Mary Plotner</p> <p>1924 Robert Rank</p> <p>2083 Virginia Reese</p> <p>3114 Gloria Ruiz</p> <p>991 Arthur Saltzman</p> <p>834 James Samuelson</p> <p>3094 Carol Savant</p> <p>3095 Chuck Savant</p> <p>2833 Don Schafer</p> <p>1916 Edward Sharman</p> <p>2525 Francis Smith</p> <p>1895 Rena Smith</p> <p>1537 Donna Springer</p> <p>944 Michael Springer</p> <p>3296 Barbara Stamp</p> <p>3090 Walter Stewart</p> <p>3313 Amat Tajudin</p> <p>2218 David Wade</p> <p>3314 Paul Waggoner</p> <p>3087 William Wardrop</p> <p>1383 Donald Weiner</p> <p>1552 David Erbas-White</p> <p>3088 Ken Wolf</p> <p>2985 Roman Yanda</p>
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February Program

February 22, 1997 9:00 AM at the Orange Coast College Science Hall

General Meeting Schedule — February

- O&A — Springer et al.
- President's Message
- Intuit — Elizabeth Dougherty
- TurboTax Deluxe
- Parsons software — Matt McCann
- Address Book
- Announcements
- Atomic Clock
- Family Origins
- Announcements — SIG Leaders and Committee chairs
- Drawing

In time for April tax time, we will have a presentation from Elizabeth Dougherty of Intuit on the latest version of their top selling 1997 tax software - TurboTax - for your 1996 Federal and State tax returns. TurboTax comes in three flavors: TurboTax, TurboTax Deluxe on CD-ROM, and TurboTax for Business on CD-ROM.

Matt McCann of Parsons will present the latest updates of Address Book, Announcements, Atomic Clock, and Family Origins.

TurboTax Deluxe

TurboTax takes you through the following steps:

- The EasyStep system first asks you in plain English - no tax jargon - then places your answers into up-to-date, IRS-approved tax forms, and performs all calculations automatically.
- TaxLink cuts data entry time by transferring financial information from Quicken or Quick Books files directly to your TurboTax return.
- The Tax Advisor offers you personalized tax tips and money saving suggestions as you are doing your taxes. It's like having your own accountant looking over your shoulder.
- The Final Review double checks your tax return for missing information, overlooked deductions, and entries that could possibly trigger an IRS audit. And the new US Averages Comparison lets you easily see how your return compares with those of other people with similar tax situations.
- TurboTax prints ready-to-file IRS-approved forms right from your printer.

Especially important, in light of previous difficulties with most tax software programs, Intuit provides a money back guarantee that if you pay an IRS or state penalty because of a calculation error in TurboTax, Intuit will pay the penalty plus interest.

What is new for TurboTax this year?

- Where am I? - Makes moving through the program and checking your progress easier.
- Refund Monitor - Constantly displays your refund amount (or tax due) and updates itself automatically any time you enter new information.
- US Averages Comparison - permits comparison of your return with others in a like tax situation.
- Tax Tips for Next Year - Lets you start making changes now to improve next year's tax picture.
- Deduction Finder - Points out money-saving opportunities and deductions you may have overlooked.
- Includes up-to-date Tax Forms - All the 1996 tax forms you are likely to need.
- Netscape Navigator, Intuit Edition - Gives you access to up-to-the-minute tax information from the Intuit Internet site.

Once you have finished the federal return, you can transfer the data from your completed federal return to your state tax forms using the separate TurboTax State program. The enhanced State Assistant works the same way as the TurboTax interview, guiding you step-by-step through your state return. For additional information see www.intuit.com or link to Intuit from the OCIPUG Home Page at www.ocipug.org.

Parsons Software

He's back! Yes it is time for Matt McCann from Parsons Technology to visit us again. Some of the things that he will show us are Family Origins, Address Book, Announcements, and Atomic Clock.

Atomic Clock: — The software that no computer should be without. You will just have to show up to find out why.

Announcements — Use this great program to create your own greeting cards, posters, business cards, calendars, and much more.

Family Origins — Family Origins is used to help you store and track your genealogy information. This new version allows you to use the Internet as a way to do genealogy research by creating your own World Wide Web Page based on your Family Origins data.

- There are essentially no practical limits to the number of databases, the number of individuals within each database, the number of notes for each individual or event, the number of sources per event, nor the number of persons in a family that may be entered. Databases may be renamed any time.
- Addresses, source information, and pertinent notes can be attached to each individual. Address lists, mailing labels, name tags, sources with comments, and similar information can be viewed on the screen, printed individually and/or summarized in various reports.
- Multiple scanned images, video and sound clips can be attached to any individual, printed in a Scrapbook Report, and displayed on a pedigree/ancestor "Tree". A Camera and Envelope at the end of a person's name signifies the existence of a photo or address.
- You can import/export and edit with a word processor.
- An easy to use Search as well as a Backup/Restore feature are built into the program.
- Boxes printed on charts may be framed in several styles and colors.
- Relationships between a specified individual and all others in a database can be listed.
- Family Reunion Planner gives tips and suggestions for planning, scheduling, and organizing a reunion and maintaining future contacts.
- Family Atlas lets you print maps to share with relatives.
- The Daily Journal program tracks your reunion and genealogical research activities.

Herb's Hangout

Herb Huey



Happy Birthday to the Microprocessor.

While we were celebrating this Holiday Season, a special birthday was quietly celebrated. Twenty-five years ago in December, Intel introduced the 4004 microprocessor that is the forerunner of our modern PCs. It is hard to imagine another product that has had a greater impact on our lives. Microprocessors are everywhere: in our PCs, microwaves, cars, TVs and just about every electronic gadget in our lives. The 4004 ran at 108 kHz (that is kilohertz, not megahertz) and processed 4-bits of data at a time. Today's microprocessors run thousands of times faster (that includes all you 286 die-hards as well). Many of us know about Moore's Law (named after Gordon Moore of Intel) which states that the number of transistors that can be placed on a chip will double every 18 months or so. The microprocessor is the epitome of that statement; not only has the number of transistors increased at that rate but performance has increased at nearly the same rate.

I remember about two years ago, a co-worker was looking at using the latest in digital signal processors (DSP) for a new application. The spec for this new DSP was around two BOPS (billions of operations per second) making it the first multi-BOPS CPU of any kind. He wanted to know how fast was the DSP in MOPS (millions of operations per second) in the 1986 era equipment for which I was responsible. MOPS! MOPS! How about KCOPS (thousands of operations per second)?, I exclaimed. How long can microprocessors maintain this dizzying pace? If we look at Intel, it will not be very soon. Intel has used many advances in technology to maintain this pace. One area is lithography that allows designers to place electronic components closer together on the chip die. Current Pentium processors use a 0.35 micron line process. Intel has already invested in a new 0.25 micron process that will be on-line in 1997. Intel also expects to go to 0.18 and 0.13 micron processes in the future. Decreasing the line size helps packing density but another major contributor to improving packing density is also the number of layers that can be embedded on a chip. Intel's first

66 MHz Pentium chips were 294 square millimeters (mm²) in size. The 100 MHz Pentium is 164 mm² in size, and the latest 200 MHz chips are only 91 mm² in size. The downside to all these improvements in packing density is that the new chips are harder to manufacture, test and validate. Interestingly enough, it may not be the limits of technology that slows the microprocessor's advance, but simple economics. Intel recently invested \$2 billion for a wafer fabrication plant with the capability to manufacture 40,000 wafers per month. With every new technological advance, expensive equipment that is only a few years old can suddenly become obsolete. Still, Intel has found ways to lower the cost of manufacturing. They plan to go from a 200 mm wafer size to a 300 mm wafer size. Moving to the larger size wafer will cost Intel around \$500 million in startup capital, but the potential yield of 2.25 times the number of chips of current wafers makes the switch economical. There will come a day when Intel will find it difficult to maintain the pace that Moore's Law predicts. Intel believes that this may happen around the 2010 decade. However, Intel has been successful in challenging the future for 25 years; and believing that Intel will meet the challenges for another 25 years is easy.

SIGNING OFF

I hope that Santa was good to you this year. While Santa did not actually leave me a PC-related gift under the tree, I did obtain a few PC-related items during December. I have been talking a lot about getting some kind of backup capability, perhaps the Iomega Jaz drive. After the poor Iomega presentation at the October General Meeting, and hearing about Rudy Wolf's problems with the Jaz drive, I decided to postpone that decision. I talked to Harv Haight about his excellent experience with the Zip drive. I also found Jim Woo's Unofficial Iomega Web Page and saw that the quality control problems that plagued the Jaz did not extend to the Zip drive. I then decided to get a Zip drive. Two co-workers told me that they bought Zip drives and had them up and running.

I went to the November Computer Marketplace Swap meet in Buena Park and obtained a SCSI-based Zip drive for only \$169, and a Gig-a-Pack (10 disks) of Zip disks for \$129. Iomega is currently offering a rebate of \$50 on Zip drives and \$20 rebate on the Gig-a-Packs. I also bought a SCSI-3 to DB-25 cable to connect the Zip drive. The cable was defective so I went to Fry's to look for an alternative. A proper configuration of cables and connectors would cost \$90!

A co-worker suggested that I string out a 50-pin internal cable to a DB-25 breakout connector on the case. The cost for this approach is \$7 for the cable and \$2 for the breakout. I connected the Zip drive and Windows NT immediately recognized the Zip drive, assigning it drive letter E; and moving the CD-ROM to F:. When I turned on Disk Administrator, it would not permit me to restore drive letter E; to my CD-ROM but did offer the choice of any drive letter F; and higher.

Iomega offers an installation disk for MS-DOS, Windows 3.X and Windows 95. If you allow the software to modify your CONFIG.SYS and AUTOEXEC.BAT files, it will add quite a few unnecessary lines to these files.

Continued on page 5

Tech Tips



Today's OCIPUG is far different from the user groups of the late 1970s and early 1980s, before the introduction of the IBM PC. For instance, when such CPM-based personal computers as those made by KAYPRO were hot items, a prominent local user group of perhaps fourteen people was started and led by Peggy Lloyd, deceased now for many years. Peggy went on to represent KAYPRO countrywide, but the initial group met primarily to exchange (often illegally, by today's interpretation) software; members sometimes combined funds to purchase a single copy, which they then replicated, removing copy-protection through use of popular software tools.

The early KAYPRO computers would play effectively only those programs for a specific version of the CPM operating system. While they had two disk drives, one above the other, the early ones used one-sided 180K disks; punches were sold that put a second slot in two-sided 360K disks when they next appeared, so that such disks could play in the 180K drives by "flipping the floppy." Small-time CPM programmers would sell programs on flip-floppies; while the media would work for a while, debris freed by backward rotation generally led to read errors after many uses of such disks. Those users in the know would copy the originals first thing to one-slot floppies. With the CPM computers, each manufacturer tried to gain an edge over competitors by modifying CPM to remove recognized flaws in performance, and to enhance specific features. As a result, often a program would play only when used with a limited number of PC brands. In particular, this feature was troublesome for the early networked systems, especially when a business used an antiquated network long after the effective demise of CPM. As a result, the new owner of a personal computer was presented with diskettes and manuals for each CPM program purchased. With no hard drive the only way to assure continued use was to make several backups of each program disk.

KAYPRO and such others as COLUMBIA stayed in business through much of the eighties, switching over to MSDOS once IBM effectively made it an industry standard. They and other small manufacturers continued to modify MSDOS to fit specific hardware; marketing would proudly announce, however, "fully compatible with

IBM performance." Again, the PC manufacturer supplied full documentation and software on floppies to the customer; it was his/her job to install it on the hard drive (and did many of those manuals make it hard to do!). The small-time fabricator of IBM clones solved this problem by preinstalling software on the hard drive; it generally was pirated, and no manuals were supplied, but most programs worked. By the late eighties and into the early nineties major companies such as IBM, COMPAQ, DELL, PACKARD-BELL, etc found that to compete they had to preload licensed versions of popular software on the hard drive before shipping from assembly locations. Emphasis was placed upon README manuals, again to avoid documentation.

By the start of the nineties, the purchased computer from the prominent suppliers had a legal preinstalled hard-drive copy of MS-DOS and WINDOWS on its hard drive. Toward the mid-nineties major PC manufacturers reverted to the earlier policy of "fine-tuning" performance; in this case, how MDOS and WINDOWS systems could be made easier or have specialized features that might give a competitive marketing edge.

Today units sold by IBM, COMPAQ, DELL, HEWLETT-PACKARD, PACKARD-BELL, ACER, and most other tradenamed PC manufacturers each has an individual shell, through which (or by means of which) the user works in DOS or WINDOWS 95. Some of these are clever and represent genuine improvement over raw access to WINDOWS 95. Others complicate group use of machines from different manufacturers. "Learn one shell and fumble in any other"; learn basic DOS and WINDOWS 95 (using the excellent second-source manuals) and ACHIEVE in any machine (once you subvert the built-in shell). Final note: check, yourself, to find that in your case the manufacturer's shell may take up as much as one-third of that nice 1.2 gigabyte hard drive.

Obviously, for any group teaching DOS,

WINDOWS 95, MS OFFICE, or COREL SUITE 7, the first step after purchasing a unit from the manufacturers listed is to remove its installed shell. Worse trouble, sometimes, is that obvious techniques may foul what is left; often the best trick is to install DOS 7 (WINDOWS 95) with CDROM drive essentials and then reinstall WINDOWS 95 from CDROM.

I deeply resent having to pay for that which I must discard! The manufacturers response to this resentment is that to REMOVE this 100%-installed feature would raise any bid-price. I regard this as a stupid mind-set!

Herb's Hangout

Continued from Pg 4

I have found that only the following lines are necessary, with changes as noted:

In CONFIG.SYS:

1. DEVICE=C:\SCSI\ASPI8DOS.SYS /D /z

Comment: Add the switch — /z.

2. DEVICE=C:\SCSI\ASPIDSK.SYS /D /ID=0+3+5

Comment: This line identifies the SCSI address id's as — 0, 3 and 5

3. DEVICEHIGH /L:1,29568

=C:\SCSI\ASPIDC.SYS /D:ASPIDC0

Comment: This is the SCSI version of the CD-ROM driver

4. DEVICE=C:\MOMEGA\SCSIDRVR.SYS

Comment: This is the Iomega ZIP SCSI driver add-on.

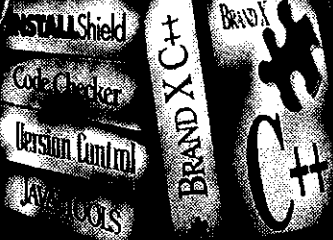
In AUTOEXEC.BAT:

C:\SCSI\MSCDEX.EXE /D:ASPIDC0 /M:12 /L:E

Comment: Add the last switch /L:E to assign the CD-ROM drive letter as E:

I also obtained Microsoft Fortran Power Station for Windows NT, Power Quest Partition Magic, and the Play Incorporated Snappy Video Snapshot. I really need the Partition Magic as my 2.1 GB hard disk is down to its last 200 MB. Unfortunately, I have not had the time to install and play with these additions but I need to have some material for future columns. I hope that you've got enough goodies to keep you busy with your PC as well.

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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	✓	✓
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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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Windows Tech Journal
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Data Based Advisor
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Special Interest Group Guide



OCIPUG

Orange Coast IBM
PC User Group

February General Meeting
Intuit—TurboTax Parsons Technology
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

FEBRUARY 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
F E B R U A R Y	26 <i>ACP Swapmeet</i>	27 <i>Executive Board Meeting A6.5</i>	28 <i>Personal Finance A7</i>	29 <i>Windows 95 Startup A9:30 am</i>	30	31	1 <i>New User A9 DOS and Utilities A1</i>
	2	3 <i>WordPerfect A7</i>	4 <i>Spreadsheet A7</i>	5 <i>Windows 95 Startup A9:30 am Genealogy A7</i>	6 <i>Pub. Comm. B7 DeskTop Publishing A7</i>	7 <i>UNIX/Linux A7</i>	8 <i>Programming A9 Delphi Beginners A1</i>
	9	10 <i>Windows 95 A7</i>	11 <i>SIG Ops Comm. A9 BBS Committee B6 Modem A7</i>	12 <i>Internet Beg. A9:30 am Genealogy II A7</i>	13 <i>Microsoft Office A7</i>	14 <i>Internet A7</i>	15 <i>3D Studio A10 Investing A2</i>
	16	17 <i>Lotus AMI/Word Pro A7</i>	18 <i>OS/2 A7</i>	19 <i>Windows 95 Startup A9:30 am Windows 3.1 A7</i>	20 <i>Now What Do I Do? A7</i>	21 <i>GeoWorks A7</i>	22 <i>General Meeting OCC - 9 am Science Hall Program Comm. OCC - Noon Internetworking Comm. A2</i>
	23	24 <i>Executive Board Meeting A6.5</i>	25 <i>BBS Workshop E7 /Committee B6 Pers. Finance A7</i>	26 <i>Windows 95 Startup A9:30 am Base A7 Network B7</i>	27 <i>Pub. Comm. B7 Hardware A7.5</i>	28 <i>Readme.Doc Deadline OS/2 Warp Connect A7.5</i>	

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.

3D Studio 10:00AM Sat Feb 15
 Leader: David Carroll 714-775-3130

We discuss the new Windows NT based 3D Studio Max and review its capabilities. Call SIG Leader for specific topics and details.

Lotus AMI/Word Pro 7:00PM Mon Feb 17
 Leader: Stan Sabin 714-968-7307

Lotus Ami Pro and Lotus Word Pro are discussed. Call SIG Leader for specific topics and details.

dBASE 7:00PM Wed Feb 26
 Leader: Max Lockie 714-720-8170
 Guru: Tom Toner 714-537-9175

Relational features and applications of dBASE database for DOS and Windows are discussed. Call SIG Leader for specific topics and details.

Delphi Beginner's 1:00PM Sat Feb 8
 Leader: Maurie Seymour 714-633-2914
 Guru: Greg Stevenson 714-457-9621

We will discuss using Borland's Delphi to process data bases.

Desktop Publishing 7:00PM Thu Feb 6
 Leader: Leader needed
 Co-Leader: Preston Hill 714-893-2403

Charles Schreiber will install, configure and introduce the use of Microsoft Publisher '97.

DOS and Utilities 1:00PM Sat Feb 1
 Leader: Ed Miller 714-470-9319
 Co-Leader: Richard Black 714-536-0036
 Guru: John Goodman 714-537-6400

John Goodman will help us take a look at PC DOS 7.0. Also, we'll discuss how to use DOS more effectively; including some of the more obscure DOS commands that are available but not used very often, such as sorting the directory by date.

Now What Do I Do? 7:00PM Thu Feb 20
 Leader: John Donan 714-633-6616
 Guru: John Goodman 714-537-6400

Learn how experts in different areas solve present and future PC-related problems that you and others bring. Experts-of-the-month are John Goodman and Mike Springer. Bring your questions, preferably on disk or paper, and a blank (1.44MB) diskette. *Take notes to remember the information presented.*

Genealogy 7:00PM Wed Feb 5
 Leader: Stan Sabin 714-968-7307

Genealogy computer programs are discussed with primary emphasis on Windows-based programs such as Ancestral Quest (PAF for Windows). Call SIG Leader for specific topics and details.

Genealogy II 7:00PM Wed Feb 12
 Leader: Preston Hill 714-893-2403

We will describe gathering records from the LDS Family History Center documents, especially the records on CD-ROMs. Matching and merging of new records into your databases will be shown using Pedigree Pursuit, PAF, Ancestral Quest, and other programs as time permits.

Geoworks 7:00PM Fri Feb 21
 Leader: Paul Fuller 714-662-7801
 Co-Leader: Reg Roberts 714-642-5399

Questions, tips and demonstrations will follow a Beginners Q&A, including setup and configuration tips. Bring a disk with problems! Call SIG Leader for specific topics and details.

Hardware 7:30PM Thu Feb 27
 Leader: Bob Basaraba 714-559-6539
 Co-Leader: Preston Hill 714-893-2403

We will demonstrate installing various auxilliary cards in a desktop/tower computer system. Bring your own computer for help and demonstration.

Internet 7:00PM Fri Feb 14
 Leader: Richard Armenteros 714-378-9321
 Guru: Jay Benesh (818) 568-0655

We continue to demonstrate using graphics with Java in creating Web pages, and will begin managing a Web page.

Internet DAYTIME 9:30AM Wed Feb 12
 Leader: Frank Disparte 714-960-7494
 Co-Leader: Preston Hill 714-893-2403

We will search and download files from home pages and ftp sites, with emphasis on virus detection/protection data update. Touchstone will demonstrate their PC-cillin program for automatically scanning to detect virus during download from the Internet.

Investing 2:00PM Sat Feb 15
 Leader: Tony Mellini 714-536-8733

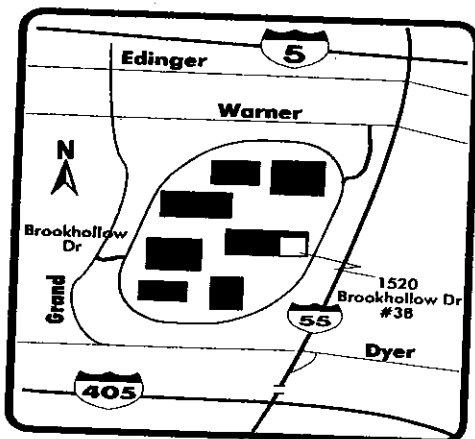
We will duplicate our January Workshop using Vector Vest and will demonstrate using Quicken and TurboTax.

Microsoft Office 7:00PM Thu Feb 13
 Leader: Ken Kamber 714-637-4496

Various features of the Microsoft Office suite of Windows applications are discussed. Call SIG Leader for specific topics and details.

Modem 7:00PM Tue Feb 11
 Leader: Kim Kymlicka 714-495-1319
 Co-Leader: David Yap 714-847-1517
 Guru: Michael Springer

An extensive opening Q&A session is followed by discussion of special features of modems, especially as pertain to connecting to the OCIPUG BBS and to the Internet. Call SIG Leader for specific topics and details.



SIG Space and Headquarters

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

Network 7:00PM Wed Feb 26
 Leader: Francis Reed 714-733-1750
 Co-Leader: Ken Kamber 714-637-4496

We'll look at Windows 95 dial-up networking and Windows NT Server Remote Access Service. This combination allows a Windows 95 PC to access multiple systems on a remote network.

New User/New Member 9:00AM Sat Feb 1
 Leader: John Lunsford 310-995-0947

This second of a 4-part introduction to computers and their effective use will emphasize what hardware is and does, relations with vendors, and what is needed to use Windows 95. You may start at any session.

OS/2 7:00PM Tue Jan 18
 Leader: Steve Schiffman 714-531-0376
 Guru: Gary Granat 714-731-0457

We will examine System Performance Monitor/2 (SPM/2), a program that monitors resources such as CPU, RAM, disk space, disk I/O and more on local and remote OS/2 workstations and servers. We will have it display in realtime the resources being used on the SIG space computers.

OS/2 WARP Connect 7:30PM Fri Feb 28
 Leader: Bob Basaraba 714-559-6539
 Co-Leader: Steve Schiffman 714-531-0376

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.

Personal Finance 7:00PM Tue Feb 25
 Leader: Max Lockie 714-720-8170

A Q&A session will cover Quicken, QuickBooks and other DOS and Windows programs for managing your personal and small business finances. Call SIG Leader for specific topics and details.

Programming 9:00AM Sat Feb 8
 Leader: Francis Reed 714-733-1750

We'll look at Python, an object-oriented scripting language written by Guido van Rossum and initially spread via the Internet.

Spreadsheet 7:00PM Tue Feb 4
 Leader: Neil Carman 714-964-1901

Topics will be: Blinking and Colored Cells; Using your Spreadsheet as a Database; Charting Wizards & Coaches; and Leaving Voice Messages in your Spreadsheet.

UNIX/Linux 7:00PM Fri Feb 7
 Leader: James Clymer 714-840-8238
 Co-Leader: Jim Kennedy 310-436-4945

We will look at the Debian GNU/Linux 1.1.4 that is gaining popularity. It is a version of Linux developed and supported by the GNU Free Software Foundation Inc. under the General Public License (GPL). It installs the kernel version 2.0 of Linux. Come join us and see what it do for you!

Windows 95 7:00PM Mon Feb 10
 Leader: Frank Disparte 714-960-7494
 Guru: Bill Phillips 714-281-8171

We will have an extensive Q&A review, and will demonstrate using and saving the Registry.

Windows 95 Startup 9:30AM Wed Feb 5,19,26
 Leader: Rudy Wolf 714-528-3715

Weekly DAYTIME SIG to share your tips, tricks, problems and solutions for installing and using Windows 95. Call SIG Leader for specific topics and details.

Windows 3.x 7:00PM Wed Feb 19
 Leader: Richard Hunter 714-968-6362

We will have the usual questions and answers, and an open Potpourri. We will then take up trouble shooting techniques for solving Windows 3.x problems.

WordPerfect 7:00PM Mon Feb 3
 Leader: Jeff Sinn 714-775-2390
 Co-Leader: Richard Baznik 714-669-8974
 Co-Leader: George Austin 310-375-7213

We will continue to review the basics of WordPerfect for Windows. Also, we will look at using WordPerfect tables as spreadsheets and graphing the results with WordPerfect Draw.

General Meeting 9:00AM Sat Feb 22
 Leader: Alan Liebschutz 714-859-5815

At the February General Meeting, in time for April tax season, we will have a presentation from Elizabeth Dougherty of Intuit on the latest version of their top selling 1997 tax software: Turbo Tax Deluxe.

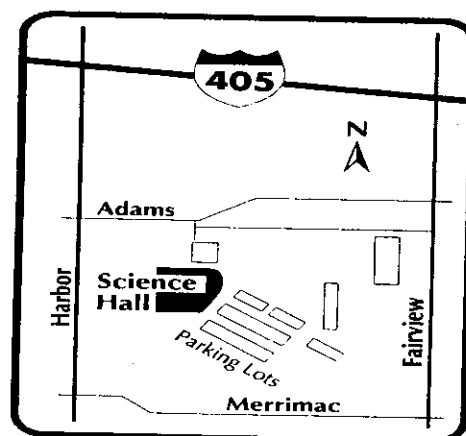
Matt McCann of Parsons Technology will present the latest updates of Address Book to organize addresses and phone numbers, and to make calls and record notes; Announcements to create personalized cards, posters, banners, brochures and business cards; Atomic Clock to keep your PC up-to-the-second and monitor times around the world, and Family Origins to record and manage your genealogical records.

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 at 714-751-3242 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
- participating in 30 or more Special Interest Group (SIG) seminars
- eligibility for the drawing at the monthly general meeting
- a Support Group listing members volunteering to help you
- an information and message "Hotline", 714-662-2939

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 92626-3894

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, Corel, Intuit, Symantec 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 28.8Kbps, 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 thirty SIGs that meet at various times during the month in our own unique facility. 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: _____

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Make check payable to OCIPUG and mail to the above address or bring to the General Meeting.

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

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:	\$ _____	\$ _____
Total Amount Paid:		\$ _____

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: _____

Modem? _____ Printer: _____

I consider my skill level to be:

Beginner Intermediate Advanced

Fax Capability? _____ Type of Monitor? _____

OCIPUG SUPPORT GROUP

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 to assist you. 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 mid . 537-6400

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

Clipper

Bob Wendorf — Anytime 892-1031

dBase IV

Preston Hill — 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 Preston Hill (714-903-2403) 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.)

AN INEXPENSIVE 486DX2/66 UPGRADE, PART II

Richard Hunter

In part one, I explained why I decided to upgrade my computer and what steps I took to make the changes to achieve a CPU speed of 100 MHz. After I made the changes, I signed up with an Internet provider to get on the net. The first stop on the net was to Advanced Micro Devices, or AMD (www.amd.com). I read what AMD had to say about the Am5x86-133 and downloaded the specification sheet (19751c.pdf). The specification said that if the CLKMUL is high the processor will run in the clock-tripled mode (100 MHz). To run in the clock-quadrupled mode at 133 MHz it is necessary to ground CLKMUL (pin R17). Once I soldered a wire from pin R17 to ground (Vss), my system ran at 133 MHz. This is the speed I had hoped to achieve when I started this project, and the CPU's performance is now increased by 138 percent.

There is one slight anomaly though. The BIOS reports a CPU speed of only 120 MHz. The AMD fact sheet noted this potential erroneous value. The fact that the BIOS reports only 120 MHz doesn't affect the computer operations.

There are restrictions on the use of the Am5x86-133 of which you need to be aware. The system board has to be able to run an Enhanced Am486DX2 and an Enhanced Am486DX4. Otherwise, there could be permanent damage to the Am5x86 microprocessor. And, of course, there was the problem of operating the CPU at the correct voltage. This CPU comes in two versions, 3.45 and

3.3 volts, so care must be taken to insure that the CPU is operated at the correct voltage. The CPU I installed was the 3.45 volt version, so marked on the unit itself.

The chart below shows the latest results compared to the previous 486DX2-66:

These results bring up the question of why the lower performance for the RAM write. The CPU is running in the write-back mode, which means that data in the cache is not necessarily written back to the main memory immediately. Remember though, only data needs to be written back to memory. Applications do not need to be written back to memory. The important speed improvement is in the read cycle, which is when most bytes are read from the hard disk. For example, think of a WordPerfect application. The program is quite large. It is first loaded into memory and then the document is loaded in memory. In most cases, the size of the document is a very small fraction of the WordPerfect size, and since the program isn't read back to the hard disk, very little time is spent in the write cycle compared to the read cycle.

Now for some facts about the Am5x86-133. The pinout is the same as a 486, which of course is necessary if it is to be used as a replacement for the 486. The Am5x86 is fully software compatible with the 486 so that all software for the 486 will run on the Am5x86-133. The CPU is capable of 105.6 million bytes per second burst mode at 33 MHz. This chip uses 0.35 micron construction, which is

on the leading edge of IC manufacturing, at least at this time. As noted, it is capable of write-back memory update. It has an internal 16 Kbyte cache, a 64-bit internal bus, and branch prediction, but only one pipeline. Thus, only one instruction is executed at a time, while a Pentium processor executes two instructions per cycle. As you can see from the above result, the Dhrystone performance is greater than the increase in processor speed because of the internal architecture. The unit also uses less power than a 486DX4-100. The performance is better than a Pentium 75 but not quite as good as a Pentium 90, although that depends on the test used to make the comparison.

I encountered one problem after the installation and the addition of the jumper. My system's BIOS has an automatic configuration mode, and for some reason in this mode the bus speed was automatically set to T/2 or 16 MHz. That is too fast for the bus, so I had to disable the automatic configuration. After deactivation, the BIOS reverted to a default setting of T/4, or 8 MHz, which is the correct speed for the ISA bus. If you are doing a similar upgrade, be sure to check your BIOS settings after making the changes.

Now, for relatively little money, I have taken a 486DX2-66 and made it into an Am5x86-133. This change increased the speed significantly. Furthermore, it was a fun project with very good results.

CPU type	Am5x86-133	Intel 486DX2-66	% increase
Clock rate	132 MHz	66 MHz	100
Dhrystone	150 MIPS	63 MIPS	138
Whetstone	32 MFLOPS	15 MFLOPS	113
Video speed	4.1 MP/s	2.6 MP/s	58
C:\ Cached speed	5.7 MB/s	4.5 MB/s	27
C:\ Uncached speed	1.7 MB/s	1.2 MB/s	42
RAM Read avg.	105 MB/s	48 MB/s	119
RAM Write avg.	31 MB/s	61 MB/s	-49
RAM Copy avg.	17 MB/s	27 MB/s	-37
Norton SI	287.5	142.9	101

Learning Windows 95, a CD-ROM

by Libby Albright, North Orange
County Computer Club
Orange Bytes

**The best use of Learning
Windows 95,
Corel's "Interactive Learning"
CD, is for reference because,
though there's much
well presented information — it
is not
the "interactive" tutorial disk as
labeled.**

Why? Because you can't mouse-click, drag, or type to practice skills taught, and isn't this the main value of an interactive CD as opposed to a video tape? If you are in Windows 95, you can quickly minimize the program and practice a lesson on your own system. If you are in Windows 3.11 you can't.

Benefits

I was glad to see about twice as much more information in this CD as is found in most beginning tutorial CDs. Though it is not interactive, much more information can be clearly explained through an animated lecture. Corel products always look good, too.

The JIT Just In Time feature lets you go immediately to a list of about 20 topics. Click a topic and see an illustrated definition of that feature. It is a nice reference tool.

Liabilities

Despite the more than adequate Windows 95, Pentium 100, 48 meg RAM, environment (but only 1 meg of video RAM) the menu would often come up in a black and white scrambled manner. It claims to need only a 386 minimal system.

We have come to expect to have control over the pace of the lessons in a tutorial

computer program. Unfortunately you can't speed up, slow down, or skip parts of Corel's lessons.

Many times the lesson control buttons don't work because they are temporarily disabled by the program. Since these buttons have a microscopic active mouse-click area, effective clicks require fantastic hand-eye coordination! As a result, you may not know if a command-click didn't work because it was incorrect, disabled, or the pointer was not placed with super-precision.

Topics

Included are: Inbox and Exchange (for faxes and Email); accessing other computers in a network, using multimedia sound and video players; Windows Explorer; Disk Maintenance tools; most Accessories; display properties; how to make a customized bitmap for wallpaper; short-cuts; Taskbar features, and Start menu.

I wasn't sure why Corel included tours of the Windows 95 and Microsoft Internet Explorer installation Wizards, since they are self-explanatory. I was sorry that Hyperterminal, a vastly improved version of Win 3.11 Terminal and my favorite tool for accessing bulletin boards, along with the new document-centric approach — were not mentioned.

If you want a lot of reference information on one \$21.95 CD, Corel has produced a quality product. There is no free 800 number for technical support. Although there is no advanced version of Learning Windows 95 CD to purchase next, "Corel Home" produces other tutorial CDs if you like this one.

Some Tips from AOL

by Jinn, AOL Hilites Editor

AOL Add-Ons

Add-ons are applications that you can use with AOL. AOL has add-ons for e-mail, spellchecking, and lots of other interesting items. Try the MailBag: it gathers your mail, grabs online text, and can be used

with a spellchecking feature made by the same company. To see which add-ons are available, go to keyword: Filesearch and type in "AOL add-ons."

Turning Off IMs

Tired of dealing with age/sex checks when you are busy browsing the Web, reading newsgroups, or attending live events? Turn off IMs! Just send an IM to screen name \$im_off and type anything in the message box. Your IMs will be turned off for that session. To turn them back on, send an IM to \$im_on.

BCC Mail

Have you ever wanted to send mail to several people and not let others know that you were sending the same mail to someone else? You can use the BCC (Blind Carbon Copy) feature. BCC lets you send mail to someone and conceal their address from the others who you've sent the mail to. To send someone mail and conceal their address, put their e-mail address or screen name in parentheses (). You can BCC several people by putting several screen names in parentheses and separating all the names with commas.

BCC does NOT mean that the receiver of the mail doesn't know it comes from you. When they receive the mail, they will see your screen name in the From: line in the mail.

101 Ways To Go to a Web Site on AOL

Okay, so there's not really 101, but we've got at least 5!

1. keyword: URL—You can type in any URL or Web address (starting with http://) that you know directly into the keyword box and click on Go.

2. keyword: WWW

3. keyword: Web

4. keyword: http—http is Web protocol, how computers send and receive Web information. The http form gives you a box to type in any Web address.

5. Web links in the AOL channels—All of the channels on AOL (Internet Connection, News, Sports, Kids, etc.) have searched the Web for the best and most interesting Web sites for their channels.

Practical Web Sites The Internet is more than just chat rooms and e-mail. It's got practical uses too. To find sites that you can use, check out the Web Essentials section of the AOL Web site. We dig up sites that help you track your packages online, buy CDs, be your own financial advisor, get a map for any city, and more. Keyword: <http://www.aol.com/top/essentials/>. (note: this link will work with the AOL browsers only.)

Best of the Web

10. All Apartments—<http://www.allapartments.com/aa/>

9. FAQ Finder—<http://ps.superb.net/FAQ/>

8. Unaccustomed As I Am—<http://speeches.com/auto.html>

7. Internet Movie Database—<http://us.imdb.com>

6. Get that Spammer!—<http://kryten.eng.monash.edu.au/gspam.html>

5. The Zipper—<http://www.stardot.com/zipper/>

4. The Movie Critic—<http://www.moviecritic.com/>

3. Career Site—<http://www.careersite.com/>

2. Doctor HTML—<http://imagiware.com/RxHTML/>

1. Learn2.com—<http://www.learn2.com/>

Bonus! MapBlaster—
<http://www.mapblast.com/>

Desktop Publishing

*Charles Schreiber and
Norm Bergman*

Dale Blank from North Orange County Computer Club was the speaker of the evening. Preston Hill announced that the Board of Directors had given Dale a year's membership in OCIPUG, with our gratitude for helping us set up PageMaker 6.0 to layout Readme.doc, and for putting in many long hours doing the layout and showing us how to use the masters. Welcome Dale. Glad to have you aboard.

Dale continued the discussion of PageMaker started last meeting. He suggested we turn off the autoflow feature and showed us how to use the curtain pulls to locate text on the page or column. He recommends using picas and points in layout, rather than fractions of an inch. He showed us a copy of the manual of styles he put together for our Readme.doc. He showed us how stripped ASCII text in each paragraph is easily formatted to desired fonts, justifications, and other aspects of layout, using the style selection list which floats alongside the text. Each SAVE AS results in a new layer which can be manipulated and modified using the arrow and text tools. The other tools, such as box, rotation etc were also demonstrated. Alt-left click changes the arrow to a hand which allows you to move selected material around the pages.

Preston and Norm are going to add procedures and timelines for README.DOC production to the manual to assist present and future volunteers. Dick Baznik gave us the dates by which different aspects of its production should be met to be in member's hands before the February general meeting.

Investment Sig

Tony Mellini

We started the meeting with specific questions on the VectorVest ProGraphics 4.0 user manual. We reviewed all problems users had in doing and using 1. Stock Viewer 2. Stock WatchLists 3. Strategy Group's 4. Portfolio Manager using the Trade Screen. and lastly 5. Graphing Preferences and setting up graphs in Portfolio both single and multiple format. Allan Ashley assisted me by posting spe-

cific questions and problems that were user related to the five (5) areas mentioned above. Those unanswered today will be brought up with VectorVest Tech Support and discussed at the January workshop. Questions posted were as follows: 1. User had difficulty in Portfolio Manager typing selected Stock Symbols in portfolio and activate stock WatchList Menu. 2. User could not sort his Stock Portfolio by Name. Can this be done, if so what are the options and examples offered in the program? 3. What does the "Sigma" symbol signify in graphing preferences? 4. User had problems downloading current daily database from VectorVest—Williamsville, NY. 5. User had problems in VVPRO v-3.0 finding specific stocks by Name and Stock Symbol. 6. User had problem with his WatchLists graphing specific preferences for both single and multiple WatchList Stock Selections. 7. User had problems in Portfolio Manager graphing Single and Multiple Stock Graph selections. 8. User had problem in changing \$-Dollar amount value in the Portfolio Manager. Following questions and answers, the meeting was adjourned.

UNIX/Linux

James Clymer

Jim Clymer started the meeting by giving an explanation and general overview of the "umsdos" program. This program is used for loading the Linux operating system by taking a small portion of a DOS drive to serve as the root Linux directory and the CD-ROM is used for the remainder of the Linux file system as a live file system. This works by using the umsdos program and a special file in each directory to convert from the DOS type file system to the Linux type file system with long file names, permissions, owners, groups etc.

Jim went on to demonstrate the process of making the boot disks directly from the CD-ROM under DOS. He had prepared a hand-out with simple instructions and copies of the reference files needed to do the complete installation. The Linux system is then started by a small "bat" file on the DOS drive. Jim went through the complete process of installing and demonstrating the end result. The installation and demonstration took about an hour.

This is a very good way for people wanting to try Linux without committing to providing a separate partition. You can use the system to try out things to see if you like it. If you don't like it all you have to do is remove the Linux sub-directory. There is one downside to this type of install. Since most of the file system is located on the CD-ROM, the speed is related to the speed of your CD-ROM drive. This is a little slower than a complete hard drive install. However, this is more than adequate to find out if you like the system.

WINDOWS 3.x

Richard Hunter

There were ten persons in attendance at the November Windows 3.X SIG. We had some beginners and some experienced users, so we kept to basics for the most part. We started by installing a copy of Windows 3.11 from a backup using PKZIP with the span feature. We also installed a copy INCTRL11, again using PKZIP. With both of these programs installed, we proceeded to use INCTRL11 to control the installation of Quattro Pro, a spreadsheet program. INCTRL11 is a free-ware program from PCMag, which monitors the installations of programs under Windows 3.X and reports on what was changed during the installation. Thus, knowing what was changed, it is possible to use the information to un-install a program. This program provides a report and also stores it for future reference. PCMag has up graded this program to INCTRL2.ZIP and it is available at <http://www.pcmag.com> on the Internet. We didn't get Quattro Pro operating because the Autoexe.bat file had the attribute of read only, and we didn't bother to try to remove it to get Quattro Pro working. The purpose of the demonstration was to see how INCTRL monitored the installation.

We then went back to File Manager to show how to set the conformation settings to aid in using Windows 3.X. We also explored installing programs in Windows, that is we added INCTRL to one of the program groups. We also associated the extension used by INCTRL ".rpt" with Notepad, so that the report could be easily viewed. Those in attendance discussed a number of items of interest to those in attendance, and then we adjourned.

Rules of Conduct and Membership Termination

Tony Dopazo

In order to validly terminate an individual's membership, the California Corporations Code requires that the Bylaws either include, or refer to, a fair termination procedure and specify the grounds for termination. Our Bylaws, adopted 26 August 1996, include a specific termination procedure as specified in Article IV, Section 4, Paragraph a. Subparagraph (b) cites failure to observe rules of conduct as grounds for termination.

To implement this provision of the Bylaws the Policy Committee was asked to develop OCIPUG Rules of Conduct for inclusion in the Policies and Procedures Manual. At the Executive Board meeting of October 28, 1996 the policy committee proposed Rules of Conduct for OCIPUG and the board adopted the committee proposal. These rules are designed to specify the grounds for termination of general membership (not for termination or removal of positions on the Executive Board or appointed positions). The newly adopted OCIPUG Rules of Conduct are included below for OCIPUG membership information. These rules will be disseminated to future members via the new members kit, and additional Readme.Doc printings when directed by the Executive Board.

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 without prior approval of the Executive Board.
7. 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.

Minutes of the Executive Board

December 30, 1996

A quorum being present, the meeting of the Executive Board of OCIPUG was called to order by President Ken Kamber at the OCIPUG SIG space 1520 Brookhollow Drive Suite #38, Santa Ana, CA at 6:30 p.m.

Officers:

Ken Kamber, President
Doug Nowlin, Vice President
Morris Fier, Secretary
Larry Pearce, Treasurer
Ed Lee Past President

Directors:

Tony Dopazo
Preston Hill
Jim Kirkpatrick (absent)
Alan Liebschutz (absent)
Reg Roberts
Richard Black (absent)
Richard Hunter
Dean Sowers

Five additional OCIPUG members were also present.

Minutes: Minutes of the previous meeting (November 25, 1996) were corrected to read that the Board Meeting would be held on 12/30 instead of 12/29. It was moved by Douglas Nowlin and seconded by Richard Hunter that they be approved as corrected. The motion was then passed by the Board.

Secretary's Report: Secretary Morris Fier reported a summary of correspondence and other mail items received at the OCIPUG mailbox, including several items of software. It was moved by Douglas Nowlin and seconded by Richard Hunter that the report be accepted. The motion was carried by vote. A copy of the Board Packet was posted adjacent to the SIG Room A bulletin board.

Treasurer's Report: Larry Pearce produced an extensive report outlining the financial status of the Organization. It was moved by Tony Dopazo and seconded by Preston Hill that the report be accepted. The motion was carried by vote.

President's Report: This was presented by Ken Kamber. He outlined several policy

Minutes and Announcements

changes: A) requiring that meetings start on time, B) that committee reports be submitted in writing and monthly, and C) all motions and amendments are to be submitted to the Secretary in writing. He also encouraged recruitment of more members, better communication and increased use of the BBS. A motion for adoption of the report was made by Doug Nowlin and seconded by Richard Hunter. The motion was carried by vote.

The above written reports are included in the Board Packet. Committee Reports: SIG Operations Committee: This written report, included in the Board packet, was presented by Preston Hill. A draft of the SIG Leaders Guide is to be distributed to the SIG Leaders for comment. Preston Hill is acting as Co-Leader of the Desktop Publishing SIG pending a volunteer as SIG Leader. The SIG Operations Committee is to prepare the complete SIG Guide as an insert for the README.DOC. Daytime SIGs are to be started as Leaders become available. A motion for approval of this report was made by Doug Nowlin and seconded by Tony Dopazo. The motion was carried by vote.

Publications Committee: This written report, included in the Board packet, was presented by Preston Hill as there was no official Chairman. Doug Nowlin had been tentatively designated as interim Chairman until it was noted that the Bylaws prohibit an Officer holding the position of Publications Committee Chairman or newsletter Editor. Preston had gathered a team that produced the January issue of README.DOC, thanks primarily to the outstanding efforts of Dale Blank, a member of North Orange County Computer Club (NOCCC) and who produces their Orange Bytes newsletter. A motion was made that Dale Blank be given a one year membership for his work in publishing README.DOC. Motion was carried.

It was confirmed by Ed Lee that Roberta Klein, Editor, had left a message on the BBS indicating her resignation from the Publications Committee. The resignation was accepted by

President Ken Kamber. It was then moved by Tony Dopazo and seconded by Doug Nowlin that Preston Hill be appointed as Chairman of the Publications Committee. This was passed by the Board.

Membership Accounting Committee: Richard Baznik, new Chairman, reported his work with files pertaining to this committee and requested help from volunteers. He also reported that he had completed an electronic draft of the By-Laws for use by the Board. He handed the Board a preliminary chart reflecting the decline in membership since January 1994. It was moved by Doug Nowlin and seconded by Tony Dopazo to accept this report. This was passed by the Board.

BBS Committee: Ed Miller, new Chairman, gave an oral report on the status of the BBS. The Committee is reviewing the BBS activities to elicit reasons for decline in use, determine areas for cost reduction, evaluate hardware/software, and inventory property. After the Board meeting, Mike Springer conducted a class to instruct Board members in the use of the BBS.

Committee members, all with SYSOP privileges, are: Chairman Ed Miller SYSOP Dean Sowers Assistant/Co-SYSOPs Bob Blakeley Tony Dopazo Kim Kymlicka Mike Springer David Yap

Membership Promotion Committee: Reg Roberts requested help in membership recruiting at the Swap Meet, and the President asked members of the Board to attend the Swap Meet to help out. He also reported the Hot Line is still not working.

It was moved by Doug Nowlin and seconded by Richard Hunter that the remaining reports be approved as submitted. This motion was carried.

Old Business: Corel's Word Perfect Suite 7.0 was received and given to Jeff Sinn who reviewed it, both on the Web and the README.DOC.

The President thanked Ed Lee for his service last year. Ed Lee declined the appointment by the President to the Long Range Planning Committee, as he plans to drop his membership due to his increasing business workload.

Good of the Group: Richard Baznik pointed out that we still do not have a final copy of the By-Laws. It was requested that the Secretary go over his new draft for errors, and also have Terry De Witt check them. She is to sign them since she was Secretary when they were approved by the general membership on August 24, 1996. They will subsequently be reproduced.

New Business: The President again asked that all motions be in writing.

All non-elected positions were reappointed, except those that have resigned; i.e., Bill Spicer, Allen Ashley, and Denise Werner.

The President requested that all Directors submit their suggestions for Director Liaison appointments. Tony Dopazo gave the Board Members a chart to indicate their choice of Liaison with various committees.

Preston Hill requested the Secretary prepare a list of all the committees and chairmen.

A motion was made by Preston Hill and seconded by Tony Dopazo that the BBS chair study methods for BOD Functional E-Mail Addressing, and implement when completed. This motion was carried.

A motion by Preston Hill and seconded by Tony Dopazo was introduced to reimburse Doug Nowlin \$50.00 for his expenses for attending the Fall 1996 COMDEX. This motion was carried.

New Business: The President expressed a wish to set up an ad hoc committee to study the feasibility of having a club directory, with consideration given to excluding members who do not wish to be listed.

The President suggested that the Board Packets be posted on the BBS ahead of time and that motions be in writing. Executive Board meeting agendas are also to be published in advance.

Appointments: The President appointed the following members to the non-elective positions noted: Doug Nowlin as Chairman, ad hoc Directory Committee. Preston Hill as Chairman, Publications Committee Richard Baznik as Chairman, Membership Accounting Committee. Ed Miller as Chairman, BBS Committee. Norman Bergman as Member, SIG Operations Committee. Doug Nowlin as OCIPUG representative to the Association of PC User Groups (APCUG).

Adjournment: The meeting was adjourned at 8:00 p.m. The next meeting will be held on January 27, 1997 at 6:30 p.m. in SIG Room A at 1520 Brookhollow Drive, Suite 38.

Recorded --- Morris Fier

These draft minutes prepared by the Secretary become official only when adopted by the Executive Board. (Editor)

OCIPUG Executive Board

Officers

President	Ken Kamber	637-4496
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 to 28800)	751-3242
OCIPUG Information & Message Line	662-2939
OCIPUG Emergency Line	662-2539
World Wide Web	http://www.ocipug.org

People and Numbers to Know

BBS Committee	Ed Miller	470-9349
SYSOP	Dean Sowers	531-0477
Internetworking Comm	Bob Basaraba	559-6539
Webmaster	Jay Benesh	818-868-0655
Webmaster	Denise Werner	229-0032
Calendar Specialist	Maurie Seymour	633-2914
Publications Comm.	Preston Hill	893-2403
Editor - newsletter	Norm Bergman	536-2951
Advertising		
Library Committee	Bob Blakeley	549-0958
Membership Acctng.	Richard Baznik	669-8974
Membership Promotion	Reg Roberts	642-5399
Membership Services		
Property Committee		
SIG Operations	Preston Hill	893-2403
Facility Improvement	Red Davidson	548-0413
Program Chairman	Alan Liebschutz	859-5815
Policies & Procedures	Tony Dopazo	897-3912
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Long Range Planning		
Rules & Bylaws Comm		
Nominating Committee		
Elections Committee		

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Symantec—New Norton products

26 April 1997

US Robotics — Modems

Microsoft — Windows NT

24 May 1997

Nolo Press — Legal Software

Cybermedia Utilities

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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