

README.DOC

November 1997

Newsletter

Version 13.11

The October 25, 1997, 9:00 a.m.

General Meeting will feature:

Western Digital Corporation

— **High End Hard Drives**

International Pacific Trading Company

— **Candlestick Financial Forecaster**

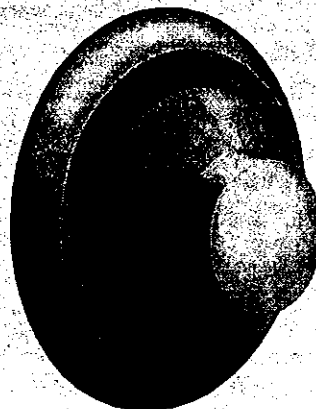


The November 22, 1997, 9:00 a.m.

General Meeting will feature:

— **Microsoft - Internet Explorer 4.0**

— **Pretty Good Privacy - A Security Encryption System**



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OCIPUG

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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 for the next - December - issue is 24 October 1997.

1. Upload to the 25-*Readme.Doc* files area of the OCIPUG Bulletin Board.
2. Upload as an attachment to Editor in the 10-*Newsletter* Message conference of the BBS.
3. 3.5" disk mailed to the Editor in time to meet the deadline:

OCIPUG
Editor - *Readme.Doc*
1500 Adams Ave. #105-121
Costa Mesa, CA 92626-3894

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PRESIDENT'S MESSAGE

Preston Hill

We formally installed the new Executive Board at the 29 September meeting. Maurie Seymour took photos of the new Board for *Readme.Doc* so you may recognize your newly elected representatives. Unfortunately, our Past President, Ken Kamber, was unable to attend the meeting and install the new Board. So we took advantage of Charter Member Kevin Moser, who administered the oath of office:

I, — — — —, do solemnly pledge to observe and abide by the Bylaws and objectives of the Orange Coast IBM Personal Computer User Group to promote and advance education and knowledge for all levels of users of computers and software technology within our organization and the local community.

With deep regret, I accepted the resignation of Jim Kirkpatrick from the Board. I nominated Chet Brisco and the Board confirmed him to fill the remainder of Jim's term of 9/23/97-8/31/98.

Jim is still active and doing a great job with the Programs Committee pending our success in finding a replacement for Alan Liebschutz. Alan is retiring from the position of Chairman after over three years on the firing line. Many thanks to Alan, Gail Dremel, Jerry Man, and others on the Committee for a job well done.

Ariene Solomon and Ed Wolfe were nominated and confirmed to fill vacancies on the Board for the term 9/1/97-11/30/97. These vacancies were created by the resignations of Tony Dopazo and me as directors.

With all positions filled, I appointed — and your Board confirmed — the following as Liaison Directors for the areas noted:

Communications	Richard Black
Membership	Richard Hunter
Facilities	Ed Wolfe
Administration	Reg Roberts/John Gallie
Activities	Alan Liebschutz/Chris Lloyd
Outreach	Arlene Solomon
Operations	Chet Brisco
Newsletter	Dean Sowers

Wayne Ali, Richard Black, Tony Dopazo, Larry Pearce, and I will be representing OCIPUG at the 15-22 November 1997 COMDEX in Las Vegas. Much of our time will be occupied with special APCUG (Association of PC User Groups) discussion meetings. We hope to learn much that we can apply to improving the operations of OCIPUG. We will report our findings in articles for *Readme.Doc* and at General Meetings.

From time to time I learn about some member, or member's family, who is seriously ill or had major surgery. My sympathy and best wishes to Sharly Davidson for her speedy and full recovery from recent surgery. I extend my condolences to Bill Phillips on the recent passing of his beloved mother.

As noted in the Minutes, several Committee Chairpersons have been appointed. However, volunteers are needed for several very important positions. As stated last month, a most important position to fill is that of Program Chairman.

Alan Liebschutz has done a tremendous job as Program Chairman. The position realistically requires two strong individuals to head two teams working together — one to cover the annual fund raising auction and the other to cover the regular General Meetings. The job is too overwhelming for a single individual. However, the two functions are too closely related to warrant entirely separate committees. Therefore, there will be sub-committees of an overall Programs Committee. Jim Kirkpatrick and Chris Lloyd will be contacting all members to seek several dedicated individuals to fill the "big shoes" left by Alan and his team. Please contact Jim and/or Chris to volunteer to help in any way that you can.

The members of OCIPUG possess many inherent skills, abilities and talents of potentially great value to the betterment of the club. Having served in many capacities before becoming president, I am convinced of the desirability to develop this potential by the education that comes from progressing through the ranks. Such education and experience assures effective and successful service at each successively higher level. Thus, there is great need for members to

volunteer for committees, to chair committees, to serve as director and officer, and, eventually, to serve as president.

Richard Hunter worked hard to generate a budget for the coming year. He and the officers scratched deep to trim items and took the optimistic approach regarding income to present a balanced budget that the Board approved. Obviously, this budget will be subject to constant review and revision as the year progresses.

We anticipate membership and *Readme.Doc* advertising will increase. Both require great effort if our optimism is to be justified. Our membership team has many ideas and will be calling on each of you for support. The advertising committee is pursuing various concepts and will also be seeking your support. Please call Richard Hunter (membership) and Dean Sowers (advertising) to offer suggestions or help in your special way.

General and special purpose donations need to be increased. Our sincere and heartfelt thanks to First Interstate Alliance, a full-service Internet Service Provider, for underwriting our e-mail service. This has been a great boon to OCIPUG. For many years, Garden of Eden Computers has faithfully advertised in *Readme.Doc*. We thank them for their continuous support. We need more individuals and organizations to provide similar support. Each member's help is vital!

Contact any member of the Executive Board to give us the benefit of your needs, desires, and valuable knowledge. We will listen to and evaluate every comment. Each member has ideas that are important. Share them with us. Let us all work together as we try to make our club the best computer club in the country.

At the next general meeting, we will give the members a second chance to bid on selected auction items. If time permits, we will do the same at several future meetings. Don't forget to bring your checkbooks.

Membership Information

WELCOME NEW MEMBERS

Gerald Bangert

Norma Borden

Viola Ellington

Tony Nilae

Joyce Scott

We hope your association with us proves very rewarding. OCIPUG is based upon *sharing*. You will have many opportunities to learn from, and to share your knowledge with, other members. Don't be timid about asking advice. The only stupid question is the one not asked! No one of us knows everything.

OCIPUG is unique among user groups in that we have our own facility with specialized rooms to fit our special needs such as Special Interest Group (SIG) seminars. So — come join us at one or more of the SIGs described in the SIG Guide insert to Readme.Doc.

You get out of *your* club what *you* put into it. Volunteers make our club successful, effective, and *fun!* Your participation on a committee is encouraged and is most welcome. So — please contact any official to offer your services in whatever capacity you can.

Your membership badge will be available at the membership desk at the next General Meeting. A New Member kit is also available. This kit summarizes the various activities and resources of your club. A diskette contains several useful shareware programs. You are introduced to the use of the OCIPUG electronic bulletin board system (BBS) at (714) 751-3242 as well as the OCIPUG Web Page (<http://www.webcom.com/ocipug>).

EXPIRING 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.

Please renew early so as to save your club the expense of mailing a renewal notice.

OCTOBER 1997

Brigitte Bassler	Rolland Thomas, Jr.
Richard Black	Carroll Travis
Janet Brown	Lia Varner
Jim Chambers	Barto Wash
Olivia Chambers	Ruth Wash
James Chester	Jonathan Wash
Hanspeter Denzler	Megan Wash
Rosmarie Denzler	Paul Watanabe
Fabian Denzler	Bruce Williams
Cynthia Denzler	C. Edward Wolfe
John Donovan	Frank Yaeger

Annabelle Farago
Tony Hernandez
Bill Hinds
Gary Jacobson
Mike Kruss
Jane Lancour
Robert Leonard
Price Locke
Marjorie Millen-Reednick
Alan Moses
Paul Nelson
Carl Paulson
John Petrouski
Ed Quo
Raymond Shaw
William Singleton

NOVEMBER 1997

Ron Aoki
Midori Aoki
Marcia Aoki
Mark Aoki
Dave Armstrong
Carole Arnold
Eugene Barnes
Robert Brinkmann
Douglas Campbell
Alfred Dodds
Ivan Dotterer
Richard Herman
Will Luijt
Ed Miller
Laurel Morrison
Herbert Sax

Paul Scandlyn
Jerry Smith
Teri Smoot
John A. Starcic
Gregory Stevenson
Henry Trinh
Jonathan Wirth
Annaliese Wirth
Mike Yan

DECEMBER 1997

Fred Baldwin
Beverly Blakeley
Robert Blakeley
Dale Blank
Randy Boelsems
Joseph Brugman
Edward Butler
Marge Butler
Michael Butler
Paula Castanon
Richard Castanon
Rex Combs
Allan Crocoll
Wally Cruttenden
Michael De Falco
Bill Demayo
Donna Demayo
Betty Bell Feldman

Cindy Fole
Clay Glenn
Lowell Goar
William Goldwag
Arthur F. Green
Harv Haight
Robert Jahnoke
Howard Jones
Stuart Koziol
Stanley Matsui
Russell Merrifield
Max Miller
Glenn Nakadate
Paul Neil
Louis Pappas
Larry Pearce
Nita Pearce
Thomas Renock
Cynthia Riedel
Raymond Ross
Barry Schooley
Roger Stumm
Tom Sutro
Neil Swan
Dale Warnke
Morton Weinberg
Dale Wendland
Donald Wilgus
Clifford Williams

Alan Liebschutz

November General Meeting Schedule

* Random Access -	8:30 - 9:00
* President's Address -	9:00 - 9:10
* Microsoft Internet Explorer 4.0 and Publisher 97 -	9:10 - 10:25
* Committee Chair and SIG Leaders Announcements -	10:25 - 10:40
* Break -	10:40 - 10:50
* Pretty Good Privacy -	10:50 - 11:50
* Auction	11:50 - 12:05
* Drawing	12:05 - 12:20

Vendor Presentations

At the November General Meeting, we will have a presentation from Microsoft Corporation of Internet Explorer 4.0, and a presentation from Pretty Good Privacy of PGP for Personal Privacy, ver. 5.0 for Win '95/NT.

Microsoft Internet Explorer 4.0

Microsoft's latest browser suite battles Netscape for control of your desktop, changing the way that you look at the Web and look at your PC.

Microsoft promotes IE 4.0 as the "Web PC", a phrase that encapsulates Microsoft's emerging vision of the browser integrated with the Windows shell. As the precursor to the browser-centric shell of Windows 98, IE 4.0 must accommodate everyone from the rank beginner to the seasoned Windows user, so the more experienced user who organizes their files into a folder hierarchy may shift back and forth between IE 4.0's browser and the old Explorer.

Internet Explorer has grown from a simple Web browser into a full Internet suite. Besides a beefier browser, you'll find an enhanced e-mail and news program, a lite HTML authoring tool, conference and collaboration features, and push and pull technologies that bring updated Web content to your desktop. You'll see Web pages that look less like text documents and more like interactive multimedia applications.

IE 4.0 lets you integrate the browser directly



into the operating system, so you can use IE 4.0 instead of Windows 95's Explorer to manage your folders and files. The thinking is a Web browser's hyperlinks, bookmarks, and Forward and Backward buttons are better functionally than anything in Explorer. With IE 4.0 as your primary interface, you'll be able to jump from a folder on your hard drive to the network file server to a page on the Web, all by just a mouse click.

Browsing

Your browser may have changed and become smarter over the years, but its main function is still downloading and displaying Web pages. Microsoft claims IE 4.0 will offer faster page downloads than 3.0, but in the early beta versions of IE 4.0 it is reported that this speed increase is not apparent. The pre-release version takes about 40 MB of hard disk space; the shipping version is expected to need less space.

Several small, smart enhancements are added; for example, start typing a previously used URL (Universal Source Locator) into an address field and IE completes the URL for you. Right clicking the Back or Forward buttons pops up a list of recently visited sites. Another enhancement: editing Explorer favorites is a drag-and-drop operation.

To save on screen real estate, IE 4.0 lets you manipulate the toolbars that link you to suggested sites with a right click rather than a dialogue box. Placing links on the tool bar to your favorite sites is easy: Just drag a link from the current page and drop it on one of the current link-bar-buttons.

Web searches are made easier. Go to the multiple-search engine page on Microsoft's Web site, and the browser creates a side-by-side window display, with the search engine page in the left pane, and the search results in the right pane. You can quickly preview your search results without having to jump back and forth to the search page. This should prove to be a great convenience.

Browsing your hard disk Web style is not a huge deal — at least for the intermediate and experienced user. The files and directories are the same — they're just a little easier to access. For example, type C:/my documents into IE 4.0's handy address window, and instead of a Web page you'll see Win 95's familiar files and folders. You can then open files and activate Shortcuts with a single click, or flip through your folders using Back and Forward buttons. And no matter what folder you are currently viewing, you can open a Web site simply by typing its URL into the address window.

Some other reasons to give integrated browsing a try are:

- * It's free
- * You can customize the Windows Taskbar — you can use one bar or multiple bars, each of which can contain the browser address field, plus links to your favorite sites or favorite desktop folders.
- * It alerts you of changes to favorite bookmarked Web sites—Taskbar's Properties sheet now offers a wizard that strips your Start menus of broken links, as well as the readme file and help-file Shortcuts that clog it. Smart Favorites periodically checks your favorite pages for changes so that you do not have to visit the same sites repeatedly in search of updates and new links.
- * Surf now, read later — Subscriptions feature downloads and caches Web sites at pre-assigned time for offline reading.
- * The IE 4 option can be installed and uninstalled from the Control Panel.

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General Meeting Topics

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* Lets you turn your PC's folders into HTML Web pages — Each folder can contain a default Web page that displays in place of the usual array of file and folder icons.

Push Technology

Smart Favorites and Subscriptions are *pull technology*—your browser pulls data from the Internet. But the latest net buzz word is *push technology*, where remote systems transfer data to your PC, much like TV stations send transmissions to your TV via cable or satellite.

PointCast has pioneered the concept of server-push, with an advertiser-supported service which delivers news, stock prices, and weather updates to your PC. Microsoft's push technology, currently called Channels, wasn't in the IE 4.0 beta version, as reported, but Microsoft has submitted a design for server-push content to the World Wide Web Consortium. This specification would allow anyone with a Web site to create and distribute Channels content using HTML.

Final Version of IE 4.0

Until a final version of IE 4.0 appears what features will be in and what features could vanish will not be known, but for the latest update from Microsoft come to our November General Meeting and you will find out.

Pretty Good Privacy

Please see Alan's product review on page 13

Thank You

Many people are needed to help the Program Chair for you to have a set of speakers and an Auction during the year. I would like to thank the following Program Committee members:

* Gail Dremel — who has been the prime Auction mover and shaker

* Jerry Man— who is always ready with a series of fast quips during the raffle and has suggested and provided speakers; this year he has ably been our Auctioneer.

* Ken Kamber — who has arrived with me at Orange Coast College at 7:30 every

month with cables and microphones and has helped set up for the speakers. Ken took over in July when Russ Merrifield left.

In addition I would like to thank:

* Harv Haight — who has provided audio-visual support each month for many many years.

* Mike Springer — who has ably provided answers at the Q&A portion of the General Meeting.

* Marge Ball, Director of Orange Coast College Community Education — who has taken over responsibility for us this year from George Blanc, Dean of Administrative Services .

* Lee R. La Jeunesse, Director of College Support Services at Orange Coast College.

I also especially have had unfailing help without stint from both Ken Kamber and Bob Basaraba. They have never said that they were too busy although both have other full-time jobs. These two gentlemen, and I use the term in its old fashioned sense, have always had what was the best for OCIPUG as their foremost motivation, and I am proud to call them friends of both myself and OCIPUG.

Auction

It takes many people to hold an Auction. I wish to thank the following people who helped with our 1997 Auction:

Richard Armenteros, Dick Baznick, Norm Bergman, Gail Dremel, Tony Dopazo, John Gallie, Chris Hansen, Jim Kirkpatrick, Chris Lloyd, Jerry Man, Louise McCain, Larry Pearce, Nita Pearce, Charles Schreiber, and Dean Sowers

On behalf of myself and OCIPUG I would like to thank the generous vendors on the HONOR ROLL for making the 1997 OCIPUG AUCTION such an outstanding success. Their continuing support enables us to fulfill our community

service and educational mission.

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Lotus Development Corporation
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Microsoft Corporation
Mustang Software
My Software
NetManage
Nolo Press
PowerQuest
Quarterdeck
STB Systems

152nd General Meeting Report: September 27, 1997

Harv Haight

Before the main business of OCIPUG'S 152nd General Meeting took place, Michael Springer again fronted a "Random Access" from 8:30 to 9:00 AM. Newly-elected President Preston Hill opened the formal session with comments similar to those voiced in his first message in October's README.DOC; he was followed by Director/Program Manager Alan Liebshutz, who outlined general rules of conduct for the day's auction. Alan introduced Jerome Man as Auctioneer. Jerry hit us with but one joke before getting down to brass tacks.

How well OCIPUG did from the auction is reported elsewhere; donations as of 9/11/97 have been reported in October's README.DOC. What needs to be said is how more professional the program was than auctions of past years have been.

The front of the auditorium was lined with club officers and other volunteers, each with an assigned function. Jerry was backed by Alan and others from his committee, who fetched, carried, and showed items. Items were tagged with winners' member numbers; at break or at the end of the session, successful bidders paid for and picked up items. Questions from the floor were handled by Alan. When an item was no-bid, at the suggested minimum opener, in most cases the item was removed from bidding, to be applied to club use elsewhere. Meanwhile, a silent auction was held at the reception desk. When, after a break, successful bidders were named, items not bid were put up for bids from the floor.

On the whole, items for OS/2 garnered few takers; very costly items, although acknowledged bargains at half street price, had limited bids. Few seemed to find street price estimates too high, however.

OCIPUG needs to show its appreciation of vendor donations by loyalty to the donors; OCIPUG thanks them. The club needs to thank Alan and his committee for their efforts in contacting vendors and soliciting contributions. Alan has indicated his desire to retire from the chairman position;

OCIPUG will find it hard to find a replacement of equal effectiveness.

From my individual point of view, I sincerely hope that Alan continues his column in README.DOC that describes what to expect from future programs. It has made the writing of reports such as this much easier.

Tech Tips



My last TECHTIPS described how OnTrack's FILECOPY.EXE was effective in mass transfer of a hard drive "template" to many other similar hard drives, each formatted to MSDOS 7.00. The program has to be initiated within a MSDOS window of WIN95, presumably to assure proper handling of hidden or system files, and long filenames. There is no need for FILECOPY with WIN3.X or DOS; with these, LapLink III does an excellent job without opening the PC case. For use with FILECOPY, the prototype drive is setup as a MASTER (C:); the drive to be imprinted is setup as a SLAVE (D:). The CMOS must be modified to show drive characteristics for both C: and D:. The process starts in an MSDOS window with the command [C:\FILECOPY C: D:][ENTER], with the option taken of "self-booting."

Within this window, the FILECOPY.EXE program could be initiated from the original OnTrack floppy by [A:\FILECOPY C: D:][ENTER]. This would avoid any copies possibly conceived as unlicensed.

PowerQuest has also originated a solution to the problem of transferring the contents of one hard drive to another; it's called "DriveCopy" and has just made its way to suppliers like FRY'S (or is available from the INTERNET at

<<http://www.powerquest.com>>. I heard of it through a flyer that offered an appreciable

rebate if purchased through a supplier (FRY'S sells it for two bucks off a list of \$30). For this sum you get one 1.44MB floppy (write-protected) and a slim booklet, authored in USA by professionals, that is VERY informative.

"DriveCopy" is said to support FAT, HPFS, FAT32, and NTFS partitions.

I KNOW it works for DOS5+, WIN3.1, WIN3.11, and WIN95, without endangering the integrity of the "Source" hard drive. There are two caveats to its use: 1) the "Target" hard drive must be the same size or larger than the "Source" hard drive, and 2) EACH partition on the "Source" drive must have at least 5 MB free, to ensure that the partition is copied and expanded correctly.

It is also highly desirable to run CHKDSK or SCANDISK on the "SOURCE" drive prior to the operation, to ensure the absence of file system errors.

Differing from the FILECOPY scenario, the "TARGET" drive is setup in CMOS as Drive C, and the "SOURCE" drive is setup as Drive D. The jumper on the "TARGET" drive is setup for MASTER; the jumper for the "SOURCE" drive is setup for SLAVE. If your computer was made before 1994 it probably does not support the Enhanced IDE standard, and requires OnTrack DISK MANAGER or other software to let you use hard drives of more than 528MB capacity.

This has to be installed on the "TARGET" hard drive first of all, before setting the CMOS, following software directions. Also, unless you are using a 32-bit FAT, any FAT partition must be 2.1 GB or less. Hard drive capacity above 2.1 GB will show up as "free space," subject to FDISK and FORMAT to create new partitions. The booklet gives SPECIFIC information concerning recognition of "BusMastering" by WIN95, useful for general application.

PowerQuest suggests booting up your system next through a DOS diskette, then putting the "DriveCopy" floppy in A: and typing [A:\PQDC]. If you diskcopy the floppy, you can use SYS.COM to make the copy self-booting for convenience. The readout first shows the sizes of the two hard drives;

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Tech Tips

if these are not right, back you go to the setup scenario. A very valuable aspect of "DriveCopy" operation is that throughout there is no risk to the contents of the "SOURCE" drive.

You might well ask, "Why all this bull when you can relocate folders in Windows 95 real easy?" If in a classroom with no network, for instance, with perhaps 30 PCs with identical hard drive loads, you can readily mount one hard drive as a MASTER, and the hard drive to be updated or to have corrupted files replaced, as a SLAVE (noting proper assignments in CMOS). THEN you can shift folders back and forth (as if on a NETWORK), using normal WIN95 methods.

Maybe the final answer is to go with the flow and NETWORK after all!

... ..

We welcome a newcomer to these pages this month

Ken Fermoye, a professional writer for 50 years and member of TUG-NET (Technical & User Group Network) in the San Fernando Valley, Calif. Ken has been using computers for 17 years, writing about them since 1984.

Subjects for future columns will include a basic explanation of draw (vector) and paint (bitmapped) graphics formats and how they can best be used; some Christmas gift suggestions for computer people; tips on buying and using scanners; and simple maintenance ideas to keep your PC running properly. Ken would like your comments and input. Contact him at

kfermoye@earthlink.com.

Ken Fermoye has written some 2,500 articles for publications ranging from Playboy and Popular Science to MacWeek, Microtimes & PC Laptop. He was cohost/producer of a radio talk show on computers and a partner in a DTP service bureau during the '80s. Fermoye Publications currently offers editorial, consulting & graphics design services.

Prehistoric DTP, or publishing in the Stone Age

Ken Fermoye, TUG-NET

While preparing to start a desktop publishing (DTP) SIG recently within my home user group (Technical & User Group Network, or TUG-NET, San Fernando Valley, Calif.), I ran across material that brought some chuckles, and memories. It took me back to the Stone Age of producing print material with very early microcomputers, before the term "desktop publishing" was coined. And even earlier. That prompted this little article, which I share in the hope that you also might find it amusing, and that it might trigger memories of some of the more outrageous work-arounds you used back in the days when computers were less sophisticated. I feel also that it makes a good introduction for me and this new column, helping you "know" the faceless writer to some small degree.

Back in the '70s and early '80s, I produced newsletters and such using three typewriters: an old Olympic portable with Elite type, an IBM electric with proportional type (pre-Selectric, but I forget the model) and another machine with big Orator type. The latter normally was used for speeches, but I used it for headlines. Doing a typical newsletter involved switching a page from one typewriter to another frequently-and lots of WhiteOut!

Then came microcomputers. Wow, what progress. Or was it? Changing fonts and type sizes wasn't a whole lot easier than with my old 3-typewriter setup. During user group meetings then, we had many discussions about utilities that made it possible to do such fancy things as bolding and italics. Wonder of wonders.

Doing two columns on a page was the Holy Grail we pursued, and you may not believe how I finally accomplished it. But I'll tell you anyway. A full-page-width head ran at

top, under the masthead. (I had cheated on that; had a friendly typesetter do it for me and make numerous repro copies, which I pasted on by hand.) Below the head I started entering the lead story, also full width, or two columns. I did about the first five or six lines like that, but then came the tricky part. I had set the tabs so that I could type a line that went halfway across the page, the width of the left column. Then I would hit the tab key and go to where the second (right-hand) column started. So, when I got to where I wanted to start the two columns, I did the first line of the head for story #2 in bold caps, hit the tab key, and wrote the next line for lead story. I continued that process all the way down the page: first a line for story #2, tab, and another line for the lead story. I even had column 2, the lead story, justified! Column 1 was ragged right, but not terribly so. Took a lot of backing and filling to accomplish that. The kicker is that I didn't write the stories in advance and then copy them into place; I made 'em up as I went along. It was one of my finest hours, folks! Of course, everybody else thought I was nuts. "Why didn't you just type the stuff up in single columns and paste 'em in place?" they asked. Why, indeed? Like the man said about the mountain: it was there, a challenge not to be ignored.

Then came things like the 0.7 Beta version of Ventura Publisher, accompanied by a couple of dozen poorly-copied pages which eventually would grow to a full-fledged User Manual. That was another challenge for a novice software tester. Now we have \$75 DTP programs that are astoundingly powerful. And \$500 software that can do what used to require teams of professionals and machines costing many, many thousands of dollars. But I'm glad I was around during the Stone Age. It wasn't always easy, but it was fun.

Next month we will look at the differences between draw (vector) and paint (bit mapped) graphic formats and why each type is best suited for different uses

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ERGONOMICS REVISITED

I just started a new job and a new Pentium 166 running Windows NT was waiting for me at my office. I had the opportunity to use a portable computer workstation instead of having it on top of my desk. I decided to use it because the keyboard slide is lower than my desktop and the monitor top is about equal to my eyes. These are two considerations that you should consider when arranging your computer work area. However, the space to the right of the keyboard is not quite enough to hold a full mouse pad. The alternative is to use the desktop to hold the mouse but that is six inches higher. I think that many of these computer desks were designed for Frankenstein.

I have seen many a computer desk that had the word ergonomic attached to it. What is ergonomics? Ergonomics comes from the Greek "ergon" meaning work and "nomos" which can be translated as a natural system. Ergonomics is the science of optimizing the use of a system or tool to the human body's capabilities and needs. I remember a TV ad for eggs that described the egg carton as the ergonomically perfect container. This is fine if you are an egg.

Just because it says it is ergonomically designed does not mean that it really is. I already mentioned the keyboard/mouse debacle. I have sat at some desks that force my knees against a wall or up on a foot rest that raises my thighs against the bottom of the desk. Some desks cannot accommodate a larger monitor than 15 inches or forces monitor placement at the far corner beyond where my eyes can easily focus on the screen type.

How can you tell if a product is truly ergonomic? An ergonomic product encourages good body position or movement for the task at hand. A poorly designed product may contribute to repetitive strain injury (RSI). Some marketeers trumpet that their products are ergonomically designed to prevent RSI and even cure carpal tunnel syndrome which is the most common form of computer-related RSI.

Herb's Hangout

Herb Huey



Any device that forces single hand use such as a mouse can cause injury especially if constant wrist movement is substituted for larger muscle groups such as your shoulder and back. All the cursor pointing devices fall into this category even if they claim to be ergonomically designed.

An ad by a laptop manufacturer pointed out that the laptop was ergonomically designed to rest on your lap. Have you actually tried to work on a laptop from that position? My laptop tends to slide off my lap so I automatically raise my heels to keep it on my lap. The screen is way too low for my eyes so I crane my neck forward to view the screen. If I place the laptop on my desk then I must lower my head so I can read the screen or slide out my chair so I can adopt the famous crane position. Great for the Karate Kid but not for me.

If you walk through a typical office, you are looking at a disaster area. The most critical elements of a safe computer work environment, the keyboard tray, monitor stand, headset and proper chair are lacking. If you place

your keyboard up on top of your desk then you must hunch your shoulders and raise your elbows when typing. As a result, the neck muscles bear the weight of your arm. Cradle a phone handset on your shoulder while typing and you risk serious neck and shoulder injuries over time.

Many a chair has a poor backrest design forcing you to slouch. Next, move your head forward to read the computer screen and your neck is forced to bear the weight of a bowling ball. You may find that your seat presses into your thigh cutting off circulation to your legs. If your seat cannot tilt slightly forward then you risk lower back pain. I once sat in one of those backless chairs that forces you to sit on the front of your knees. It was designed to prevent lower back pain but it created a new problem by cutting off circulation into my legs. Naturally, you cannot find any of those chairs anymore.

RSI is a cruel enemy for unless you can fit your workstation area to the needs of your body then you may risk debilitating injuries years later. Most people will not change their habits until the pain is very real, but then the pain is chronic. Treatment is difficult and the medical costs will pile up.

So what are companies doing? For many companies, very little unless the employee complains. The reasons are economic; a good chair costs from \$400 to \$750, workstation desks from \$500 to \$2000 and a telephone headset ranges from \$100 to \$350. A company with 100 employees may balk at the cost. Still medical costs for RSI run into the thousands and lost productivity may total over \$100,000. The Occupational Safety and Health Administration (OSHA) estimates that the average RSI claim costs \$8000. Workers' compensation, disability, legal claims and medical payments should make every company worry about the bottom line. It is funny that employers will spend \$10,000 on treatment but will balk at spending \$500 on a chair that may have prevented the problem in the first place.

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SIGNING OFF

Iomega, the maker of Zip and Jaz products, has been in the news lately. If you did not obtain rebates on ZIP drive and disk purchases back in 1996 through March 1997 you should know that a class action lawsuit was filed 10 March 1997 by Christine and John Pizzimenti and R&B Services, Inc. in the Delaware Court of Chancery. Iomega offered mail-in rebates of \$50 on Zip drives and \$20 on a Gig-a-pack of disks. The suit seeks immediate payment of all the rebates and damages. You can read about the class-action suit at <http://personal.riverusers.com/~s/pizzimen.htm> and join the action at <http://www.rebateinfo.w1.com> if you are still waiting for your rebate.

Iomega also acknowledged that it was served with a complaint on behalf of a class of consumers on July 21, 1997 at the same court. The claimed violations are based on alleged breaches of Iomega Zip, Jaz and Ditto product warranties and Iomega's support charges and practices. Meanwhile Iomega filed a complaint in the U.S. District Court of Delaware against SyQuest Technology Inc. on infringements of Iomega patents on the Zip and Jaz drives. Iomega also alleges that SyQuest infringed on Iomega's Jet trademarks by marketing the SyJet. Iomega seeks an injunction to prevent SyQuest's infringements on Iomega patents and trademarks plus monetary damages.

Iomega also announced the addition of the Jaz 2GB drive and disks expected to be available worldwide in the fourth quarter 1997. The new drive is expected to operate at a sustained transfer rate of 8.7 MB per second and an average rate of 7.4 MB per second. Performance is 40 percent higher than the original Jaz drive and one GB disks will be compatible with the new drive. Initial pricing will be \$649 U.S. for the external model and \$549 for the internal model with Jaz disks priced at \$149 each when purchased as a three-pack. You can read all the Iomega news on the Iomega website at <http://www.iomega.com/company/news/jaz2.html>.

Disaster Recovery

*ROM Hirsch, Contributing Editor,
Boca Raton Computer Society, Inc,
Boca Bits March 1997*

There are many forms of disaster that can hit the computer these days. Two of the most common are hard drive failures and software corruption. Both can leave you staring at your computer wondering what to do next. Most people have at least made a boot floppy, or have one from their computer supplier. These are usually marked as a boot floppy, especially when your system software was on a CD. Today's machines generally come with only one floppy drive, a 3 1/2 floppy. Older machines had two, and included a 5 1/4 floppy drive. The first thing that you must do if you don't have a boot disk is make one now!!!

Format a floppy in you a: drive, using the command "format A: /s". The "/s" puts the system files on the floppy so that you can boot the machine from it. But, you're only part way there. When you boot from a bare floppy like the one you just made, nothing is loaded that you might need to help you restore things. Of course, a boot floppy will bring you to a DOS screen, not Windows. But this is probably where you want to be if you have to reinstall Windows.

If you have an older machine that you upgraded to Windows 95, things are not going to be as straightforward as you'd like. Let's assume that you have to reinstall Windows, and Windows is on a CD. So you boot up from a floppy, and you discover that your CD drive isn't working, as certain drivers had to be loaded for the CD to function. Then you also notice that the new 1GB hard drive you installed last year isn't recognized. Your old BIOS had to have an overlay installed to recognize the 1 GB size. And, the ZIP drive isn't recognized, as it had to have some real mode drivers installed in config.sys. Your boot disk has neither an autoexec.bat nor config.sys on it. And even if it did, the drivers files called for are on the hard drive that you can't access.

These aren't just way out hypotheses. I have a 486/66 back up machine which followed almost this exact scenario. But there are remedies, some of which should be done before you have the problem. If you're not that computer savvy, have a friend who can give you some help. First, print out a copy of your config.sys, and autoexec.bat. Next, edit both to get rid of everything that's not essential. Things like sound card drivers, etc. aren't necessary to do the fixup. Second, make a list of the files which are referenced in config.sys and autoexec.bat. Third, put the new pared down config.sys and autoexec.bat files on the boot floppy, along with the necessary driver and other files referenced in config.sys and autoexec.bat.

If everything won't fit, review and pare down more. I had a bonus on my 486. It had two floppies. So, I put all the drivers, etc. onto the B:(3 1/2) floppy. I then changed the path to those files in the config.sys and autoexec.bat files which were on the a: boot floppy. I even had room for a few extras with the extra space that the B: drive had. Remember, if you have two floppy drives, you can't readily boot from the second, but it's a great place to put all those drivers, and other files which are referred to and needed.

Once I had it all done, I put the two floppies in the drives, booted up, and everything was there—the CD, the ZIP, and the 1 GB hard drive.

In my main P166 machine, the autoexec.bat and config.sys files were virtually empty. Win 95 handed everything without real mode drivers. But there were two files named autoexec.mic and config.mic which were on the hard drive when I got the machine. I guess Micron must have put them there. I looked at these, and they had a lot of the usual entries that one would expect in the DOS versions. So, I used these as the basis for the same procedure I followed in the 486 machine. Here, the A: drive is a 3 1/2 floppy, and I had room to put all the referenced drivers and files on the one disk.

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Again, I carefully pared things down, and added in everything I thought would be needed. I then booted up from the floppy and got an error message that a file was needed to the CD ROM drive.

This file was apparently necessary to run one of the referenced drivers. So I added onto the floppy, and then rebooted into DOS, with all drives, CD, etc. all functioning fine.

So, I feel a lot more comfortable now, knowing that I have these floppies as insurance when disaster strikes.

Conclusion

It has been said that two things are inevitable: death and taxes. I'd like to add a third - your computer will suffer a serious failure/setback. It's only a matter of time. So, backup, backup, backup. Since regular floppies don't hold that much, get a tape backup and/or ZIP drive or the like. At \$150 -200 apiece, it makes good sense to invest in them. Once you're spent tens or even hundreds of hours generating spreadsheets, documents, etc., and you lose them in a crash, you will state categorically, "how could I have been so stupid?"

Windows 95 Tip

*Ron Hirsch, Contributing Editor
Boca Raton Computer Society, Inc.
Boca Bits March 1997*

Recycle Bin

Beware that the recycle bin in Win 95 takes up real hard drive space. Depending upon how you have configured, it is saving the past XX megabytes of deleted files, and this can be a big number (I believe the default is 10% of the HD space.) To check out the properties of the recycle bin, right click on the desktop icon, and take it from there. Each drive should have its own folder named "recycle", and when you back things up, they will get backed up unless you specify otherwise.

Is it live? or is it Microsoft!?

*Craig Landes, keys@comcast.net
Thanks to the Fox Valley PC
Association
vol 10 issue 11*

I've been using the new Microsoft Office 97 for a couple of weeks now, and finding myself, more and more, holding onto the philosophical principles that have sustained oppressed people throughout history.

We often use words like "good" and "useful" interchangeably, without any real thought to their meaning. But what do those words represent? Quality? Judgment? Value? Are they relative words? Do they change willy-nilly? Does "useful" mean something to one person, and something different to Microsoft?

Adjectives usually have a standard of measurement associated with them. Either that standard is objective and stays the same, regardless of who is doing the measuring; or, the standard is subjective and devised by whomever is using the adjective. "Good," and "useful" are adjectives, and so I've been pondering the standard of measure of the words...their definitions. The way I grew up, I think the world around me is there whether I'm perceiving it or not. I tend to look for measurements that mean something to more than just me---measurements that have a more universal meaning.

When something is useful, it means there's a task that needs to be accomplished, and whatever the something is, it can do the accomplishing.

The concept of accomplishing is the defining standard and how "good" it can be accomplished, is the measure.

When something good, it means it is satisfying; advantageous; it promotes well-being. Good is a measure of how closely something approaches its uniquely defining attribute or characteristic. A good ice-cream cone would be the ultimate ice-cream cone...most closely approaching the definition of an ice-cream cone.

Objectively, then, Office 97 doesn't seem to be either good or useful. The environment wherein I've been working with it is a high-pressure publishing division for an international corporation of over 80,000 employees. A constant stream of published materials from coursework to CD-ROM interactive databases is produced by this division, and the resulting files are sent all over the world for copying, modification, printing, and publishing. The introduction of Office 97 has thrown that process into severe strain.

Office 97 is a suite of programs, with MS Word, MS Excel, and MS Access being the core programs. While MS Excel still can't place a code in the footer of a spreadsheet, filling in the full pathname of the file; MS Powerpoint has taken on so many other features that it's lost its convenience. I'm going to focus on MS Word--the jewel of the suite. MS Word is a word processor. Microsoft wants us to believe it's a desktop publishing program. Microsoft also wants us to believe it's an Internet HTML document structuring program.

In addition to wanting us to believe MS Word is the nirvana of word manipulation, Microsoft wants to convince us that we need no understanding whatsoever of computers, programs, word processors, or publishing. MS Word will do it all for us. All we need to do, according to the implied wishes of Microsoft, is to simply "wish" for a completed project, and MS Word will make it so! A recurring nightmare I'm living at work, is of a psychiatric institution where the nurses, aides, and doctors are "helping" me so well that I'm losing my mind.

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To begin with, everywhere I turn I'm confronted by an incredibly irritating little paperclip metaphor who wants to interrupt my work and tell me that I may need some help with the next step. If I had never used a computer before, that might be useful. However, when I want it to shut up, it doesn't quite. It's always lurking there...ready to jump out with some more helpful words of repetitious inanity.

I immediately disabled it to the level I could, and now I only have to deal with it when I save a document. However, the little cousin is still there!

If want to leave "balloon help" turned on, in order to remember the bewildering array of buttons all over the screen. My poor little 15-inch monitor looks like the control panel for a 757 intercontinental airliner! So, I have little bubbles of help reminding me what a given button does.

When I create a table of any number of cells and rows, and I place my cursor in the table to begin typing, it's very gratifying to see a balloon pop up on the screen, obscuring other important information, and telling me to, "Please type your data here." Thank you. I thought I could figure that out in a week or so!

Tools I'd come to understand and use in MS Word version 6.x and 95 have suddenly vanished. They were *useful*, too! They helped me accomplish complex tasks under deadline pressure, and make the world go 'round. Now they're gone! Well, not quite gone. After all, I'm a highly accomplished word processor/publisher, and I know most of the arcane ins and outs of MS Word. After a day or two, I was able to delve to the bottom of the Customize options and ferret out my tools again. Sadly, all my preferences had been destroyed when the upgrade was installed, so I had to recreate them.

Coincidentally, there's NO little balloon help or demented paperclip available to help those of you who don't know everything there is to know about Customize. Probably because you don't *need* to know. Unless you want to recover all those real useful things that real people use to accomplish real work, in the real world.

Styles! MS Word is designed to run on styles. Putting aside the fact that it limits style-usage to the end-of-paragraph codes, at least I could click on a style rapidly and with no delay. Changing and updating the style was a matter of less than five seconds. No more! The styles window has now become *so* helpful, that it takes 20 seconds or more just to drop down. When it does, so much room is taken up by the "helpful" examples of each style, that I can't see more than a fraction of them. Often the computer is slowed down so completely that I mistakenly click on the window again, having received no action or hourglass whatsoever. Naturally, when the expected reaction happens, it cancels immediately due to the second mouse click. Very helpful.

I'm using a Pentium 166 with 40 MB of RAM, and a 1.5 GB hard disk, along with a network drive with 4 GB free space. I realize this is a limited machine, according to Microsoft, and that I should have a more "modern" machine, but <shrug> I only work here.

To aid in the publishing process, MS Word allows starting a new section on a Odd Page. This ensures that a section ending on an odd page will have a blank sheet behind it for the "back" side of the duplexed page. Up until now, that blank page was fed from the printer. Now, as a helpful hand to me, MS Word no longer sends that blank page. The reason this is helpful, is that I now have a need to page through the entire two hundred pages I've printed, manually checking for skipped numbers and manually inserting a blank piece of paper.

This is restful, peaceful, and helps me wile away the hours following the passage of missed deadlines.

Useful?? The task that needs to be accomplished in this instance, is To Publish Many Books In As Short A Time As Possible. MS Word 97 guarantees that I'll spend at least fifty percent more time working than previous versions.

Good? If I construe Desktop Publishing to be the defining attribute of MS Word 97, then I'd rather use WordPerfect. Actually, I'd rather use a DTP program like Pagemaker or Quark. If I consider word-processing to be the defining attribute, then I wonder why MS Word 97 interrupts my thinking; slows my actions; and hides the tools I need, from me.

Internet publishing? Out of the two hundred plus people working full-time at producing the most complex business documentation in the market...the decision is to not even install this feature since Lotus Notes; Hot Dog, and several other *real* HTML or JAVA applications are readily available for the purpose.

Finally, the lack of compatibility between MS Word 97 files and everything else on the market, leads to messages on the UseNet such as, "While MS has sold millions of licenses for Office 97, most companies are applying those licenses to Office 95 installations." We'll only upgrade to 97 when we're forced to.

Oppression: the feeling of being heavily burdened, mentally or physically, by troubles, adverse conditions, anxiety. The exercise of Authority or power in a burdensome, cruel or unjust manner. Am I missing something here?

Isn't the idea of "good" and "useful" that it should make my life easier?

Special Interest Group Guide



OCIPUG

Orange Coast IBM
PC User Group

MEETINGS AND SPECIAL EVENTS

NOVEMBER 1997

MEMBERSHIP • MEETING INFO

Voice Hotline (714) 662-2939
BBS (714) 751-3242

WEB Page <http://www.webcom.com/ocipug>

SIG SPACE • HEADQUARTERS

1520 Brookhollow Drive, Suite #38
Santa Ana, California

OUR MAILING ADDRESS

Orange Coast IBM PC User Group
1500 Adams Ave. #105-121
Costa Mesa, CA 92626-3894

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
26	27 <i>Executive Board Meeting</i> A7	28 <i>BBS Committee-B6</i> <i>BBS Workshop-E7</i> Pers. Finance A7	29	30	31 <i>Halloween</i>	1 <i>BBS Workshop E9</i> New User/ New Mem. A9 DOS and Utilities A1
2	3 WordPerfect A7	4 <i>Election Day</i>	5 Genealogy A7	6 DeskTop Publishing A7	7 UNIX/Linux A7	8 <i>BBS Workshop E9</i> Programming A9 Delphi Beginners <i>Discontinued</i>
9	10 GeoWorks A3 Windows 95 A7	11 <i>BBS Committee-B6</i> <i>BBS Workshop-E7</i> Modem A7	12 Internet Day A9:30 am	13 Microsoft Office A7	14 Internet A7	15 <i>BBS Workshop E9</i> 3D Studio A10 Investing Suspended
16	17 <i>FirstDay COMDEX 97</i> <i>AMI/WordPro Discontinued</i>	18 <i>SIG Oper. Comm. A9</i> OS/2 A7	19 Windows 3.1 A7	20 Genealogy II A1 Now What Do I Do? A7	21 <i>Final Day COMDEX 97</i> <i>Readme.doc articles due</i>	22 <i>General Meeting</i> OCC - 9 am Science Hall Program Comm. OCC - 1.5 <i>BBS Workshop-E1</i> <i>Internetworking-A2</i>
23	24 <i>Executive Board Meeting</i> A7	25 <i>BBS Committee-B6</i> <i>BBS Workshop-E7</i> Pers. Finance No Meeting	26 dBase No Meeting Network B7	27 <i>Thanksgiving</i> Hardware No Meeting	28 <i>Publications Committee B7</i> OS/2 Warp Connect A7	29 <i>BBS Workshop E9</i>
30 ACP Swapmeet	1 WordPerfect A7	2	3 Genealogy A7	4 DeskTop Publishing A7	5 UNIX/Linux A7	6 <i>BBS Workshop E9</i> New User/ New Mem. A9 DOS and Utilities A1

For DAYTIME SIGs being considered, call Preston Hill at (714) 893-2403
For latest meeting dates and topics check the following:

Hotline (714) 662-2939
BBS Bulletin #5 (714) 751-3242
WEB page <http://www.webcom.com/ocipug>

To donate funds and/or equipment for our SIG facility, call:
Facilities Improvement and Maintenance Committee chairman, Red Davidson,
at (714) 548-0413

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

3rd Sat Nov 15
10:00AM Room A

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.

dBASE

4th Wed Nov 26
7:00PM Room A

Leader: Max Lockie 714-720-8170
Guru: Tom Toner 714-537-9175

There will be no meeting this month due to the holiday.

Delphi Beginner's

2nd Sat Nov 8
1:00PM Room B

Leader: Maurie Seymour 714-633-2914
Guru: Greg Stevenson 714-457-9621

The Delphi Beginners SIG is cancelled, due to the lack of interest.

Desktop Publishing

1st Thu Nov 6
7:00PM Room A

Leader: Chas. Schreiber 714-377-0439
Leader2: Preston Hill 714-893-2403

We will introduce I publish, including installation and setting up the program for booklets, newsletters, etc. Features of I publish will be compared with other desktop publishing programs. Bring your questions, tips and tricks for other topics as well such as PageMaker.

DOS and Utilities

1st Sat Nov 1
1:00PM Room A

Leader: Ed Miller 714-470-9319
Leader2: Richard Black 714-536-0036
Guru: John Goodman 714-537-6400

Using the DOS environment and all of the implications of same will be addressed. If you would like to learn something about DOS this will be a good meeting to attend. We will continue with the assigned DOS commands and building the machine applying DOS to our needs.

Genealogy

1st Wed Nov 5
7:00PM Room A

Leader: Stan Sabin 714-968-7307

The November meeting will be our annual "Beginner's Night" when we specialize in covering how to get started doing Genealogy on a computer and also MAY (I repeat, MAY) have a special surprise for those attending.

Genealogy II

3rd Thu Nov 20
1:00PM Room A

Leader: Chris Hansen 714-637-0102
Leader2: Preston Hill 714-893-2403

NOTE NEW MEETING DATE: "Where do I start?" — a discussion of basic genealogy and computers to do genealogy.

Geoworks

2nd Mon Nov 10
3:00PM Room A

Leader: Chas. Schreiber 714-377-0439
Leader2: 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

4th Thu Nov 27
7:00PM Room A

Leader: Leader needed
Leader2: David Yap 714-847-1517
Guru: Bob Basaraba

There will be no meeting this month due to the holiday.

Internet

2nd Fri Nov 14
7:00PM Room A

Leader: Rich. Armenteros 714-378-9311

This EVENING SIG demonstrates connecting to the Internet and using various tools to locate sites and handle data. Call SIG Leader for specific topics and details.

Internet DAY

2nd Wed Nov 12
9:30AM Room A

Leader: Frank Disparte 714-960-7494
Leader2: Preston Hill 714-893-2403

We will build a Web page using MS Front Page HTML program, for example. Other HTML programs will be discussed.

Investing

3rd Sat Nov 15
2:00PM Rooms A/B

Leader: Leader needed

The Investing SIG has been suspended for lack of leader.

Microsoft Office

2nd Thu Nov 13
7:00PM Room A

Leader: Ken Kamber 714-637-4496
Leader2: Louise McCain 714-434-0784
Leader3: Alan Liebschutz 714-859-5815

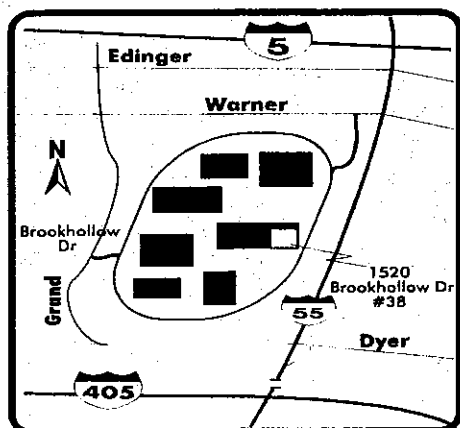
Various features of the Microsoft Office suite of Windows applications are discussed. Call SIG Leader for specific topics and details.

Modem

2nd Tue Nov 11
7:00PM Room A

Leader: Kim Kymlicka 714-495-1319
Leader2: 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
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 entrance.

For late-changing information:

OCIPUG Hotline 714-662-2939

OCIPUG BBS 714-751-3242

OCIPUG WEB Page <http://www.webcom.com/ocipug>

Visitors are *always* welcome. Please join us!

Visitors are welcome at all SIGs and monthly General Meetings.

Network 4th Wed Nov 26
7:00PM Room B

Leader: Francis Reed 714-733-1750
Leader2: Ken Kamber 714-637-4496

We will look at Microsoft Exchange Server v5 and Outlook 97.

New User/New Member 1st Sat Nov 1
9:00AM Room A

Leader: John Lunsford 714-995-0947

This third of a 4-part series will explain the various operating systems: DOS, OS/2, UNIX, and Windows 95.

Now What Do I Do? 3rd Thu Nov 20
7:00PM Room B

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. Bring your questions, preferably on disk or paper, and a blank (1.44MB) diskette. Call SIG Leader for details.

OS/2 3rd Tue Nov 18
7:00PM Room A

Leader: Steve Schiffman 714-531-0376
Guru: Gary Granat 714-731-0457

We will demonstrate various utilities and other features to help you manage OS/2. Call SIG Leader for specific topics and details.

OS/2 WARP Connect 4th Fri Nov 28
7:00PM Room A

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 4th Tue Nov 25
7:00PM Room A

Leader: Max Lockie 714-720-8170

There will be no meeting this month due to the holiday.

Programming 2nd Sat Nov 8
9:00AM Room A

Leader: Francis Reed 714-733-1750

We'll discuss ActiveX controls.

UNIX/Linux 1st Fri Nov 7
7:00PM Room A

Leader: James Clymer 714-840-8238
Leader2: Jim Kennedy 310-436-4945

Linux, one "flavor" of UNIX - the Internet's operating system - is demonstrated. Call SIG Leader for specific topic and details.

Windows 95 2nd Mon Nov 10
7:00PM Room A

Leader: Frank Disparte 714-960-7494
Guru: Bill Phillips 714-281-8171

Share your problems and solutions for installing and using Windows 95. Call SIG Leader for specific topics and details.

Windows 3.1 3rd Wed Nov 19
7:00PM Room A

Leader: Richard Hunter 714-968-6362

We will have the usual questions and answers, and an open Potpourri to include discussing trouble shooting techniques for solving Windows 3.X problems.

WordPerfect 1st Mon Nov 3
7:00PM Room A

Leader: Jeff Sinn 714-775-2390
Leader2: Richard Baznik 714-669-8974
Leader3: George Austin 310-375-7213

We review basic and advanced features of DOS and Windows versions of WordPerfect. Call SIG Leader for specific topics and details.

General Meeting Last Sat Nov 22
9:00AM OCC Science Hall

Leader: Alan Liebschutz 714-859-5815

Microsoft Corporation will present their newest Internet Explorer, version 4.0, a full Internet suite. Besides a beefier browser, you'll find an enhanced e-mail and news program, a lite HTML authoring tool, conference and collaboration features, as well as push and pull technologies that bring updated Web content to your desktop. Web pages look less like text documents and more like interactive multimedia applications. Files organized in a folder hierarchy may be shifted back and forth between Internet Explorer 4.0's browser and the old Windows 95 Explorer.

Pretty Good Privacy will demonstrate PGP for Personal Privacy encryption that protects the privacy of your e-mail messages and file attachments. Sending e-mail and attachments without encryption is as private as mailing a postcard. Encryption assures that only those with the proper authority can decipher the information. You also can digitally sign the messages and files you exchange, which ensures that they have come from the person who allegedly sent them and that the information has not been tampered with while in transit.

Please note:
The Fall COMDEX 97 meeting is from Nov.17 through Nov. 21 and several of our key members will be attending, and therefore unavailable for other functions.

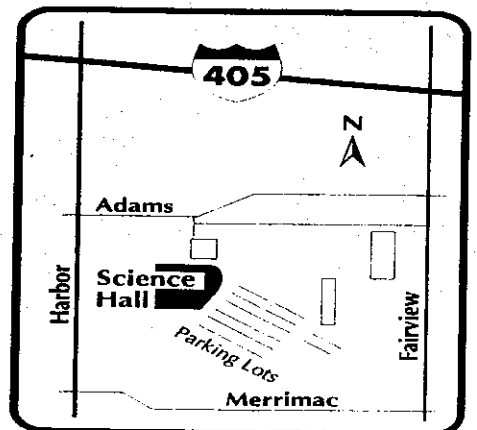
Monthly General Meetings

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 handicapped 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.webcom.com/ocipug>
- 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 #105-121

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 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 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		Today's Date: _____	
1500 Adams Avenue #105-121 Costa Mesa, CA 92626			
Title: Mr. Mrs. Ms. Dr. Prof. Hon. (Circle one)		Membership: New <input type="checkbox"/> Renewal <input type="checkbox"/>	
First Name: _____		Last Name: _____	
Street Address: _____		City: _____ State: _____ Zip: _____	
Home Phone: () _____		Work Phone: () _____ Fax: () _____	
Occupation: _____		Company: _____	
Individual Membership? <input type="checkbox"/> Family Membership? <input type="checkbox"/> Family Member(s) Names: _____			
E-mail address: _____			
Annual Dues:		Individual	\$45.00 \$ _____
Make check payable to OCIPUG		Family	\$60.00 \$ _____
and mail to the above address		Full-time student	\$25.00 \$ _____
or bring to the General Meeting.		(U-grad 12 units; grad 6 units)	
		Internet e-mail*	\$12/person-yr x #persons \$ _____
		Donation	_____
Requires signed Acceptable Use Agreement which will be mailed to you upon receipt of your application.			Total Amount Paid: \$ _____
Have you been a member of OCIPUG before? _____			
If so, what was your membership number? _____		Type of computer: 8088/86 (XT) <input type="checkbox"/> 286 AT <input type="checkbox"/> 386 <input type="checkbox"/>	
		486SX <input type="checkbox"/> 486DX <input type="checkbox"/> Pentium <input type="checkbox"/> Other _____	
I heard about OCIPUG from: _____		Modem? _____ Printer: _____	
I consider my skill level to be:		Fax Capability? _____ Type of Monitor? _____	
Beginner <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced <input type="checkbox"/>			

PRODUCTS FOR REVIEW

Norm Bergman

The following materials have been received by OCIPUG for evaluation. Qualified members may try them out and upon submitting a satisfactory review to the editor will be given the registration materials and the product will become the member's personal property. The reviewer shall agree to observe the club's rules on not sharing software with others. One should keep in mind the wide range of interests of club members and if, upon inspection, the product does not coincide with one's own interests, it should be returned to be reassigned. The reviewer should keep in touch with the editor if he/she runs into difficulties or delays. The reviewer shall agree to return the product if, in the editor's judgment, the review is not submitted in a timely manner. A balanced evaluation should point out the product's good points as well as its shortcomings. The review becomes the property of OCIPUG and may be edited and reproduced by the product donor and other user groups. The reviewer's name will be used as author of the article. In accepting the product the reviewer agrees to these stipulations. The writer will be given a copy of *Guidelines for Product Reviews* to assist in preparing the report.

COMPANY	Note	PRODUCT	Received	Assigned	Due	REVIEWER
Connectix	*1	Agent 95	11/96	available		
Corel		Ventura 97	12/96	3/97	6/97	Larry Pearce
Coriolus Gp Books	*2	Graphics programming	10/97 new item	available		
CyberMedia		Oil Change	3/97	3/97	6/97	Ralph Adcock
DeLorme		AAA Maps	7/97	7/97	10/97	Ken Kamber
Deltapoint		QuickSite 2.5	7/97	10/97	1/98	Deb. Abernathy
Design Intelligence		i publish	7/97	10/97	1/98	Ken Martin
General Magic		Magic Cap	11/96	2/97	5/97	Stan Sabin
GoldMine		GoldMine 5 User 95	5/97	9/97	12/97	Marshal Boslow
GreenSoft	*3	GreenForm	9/96	available		
GreenSoft	*4	GreenDesk	9/96	available		
Lotus	*5	ScreenCam 2	1/96	available		
Microsoft		FrontPage	11/96	3/97	6/97	DonBakos
Murach		Lessons for Word W95	7/96	7/97	10/97	Frank Disparte
Murach		Lessons for Win95	1/97	3/97	6/97	Len Leonard
Symantec		Act! 3.0	11/96	3/97	6/97	Rex Combs
Single Track		Fine Print	5/97	8/97	11/97	Bill Bogart

*1 Utility that monitors memory resources in Win95. Shows how much room you have to multi-task. CD.

*2 1342 page book with CD. All of Michael Abrash's writings on graphics and performance coding for Windows. Advanced level

*3 Scanner program that lets you copy and fill in forms with your scanner.

*4 Scanner program that lets you create a filing system of scanned images.

*5 Adds captions and voice to presentations. Record movies of screen activity.

EDITOR'S NOTE: Most product for review articles are due 90 days from date of assignment. Many of the reviews listed above are past due and should be submitted to the editor as soon as possible. Your write-up need not be letter perfect but should be complete and comprehensible. Thank you for your efforts.

Notice to members whose copy is past due

The Editor is calling on delinquent reviewers to submit their copy, or he is asking for the return of club materials as per our signed agreement. If you do not plan to turn in a review you can return the materials to the SIG space or make other arrangements with the Editor or any club officer.

OCIPUG

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 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

Stan Sabin — 5 p.m.-9 p.m. M-F 968-7307
Richard Sinor — 6 p.m.-10 p.m. 951-1892

Approach

Maurie Seymour-9 a.m.-9 p.m.M-F . 633-2914

BBS (Bulletin Board Service)

Preston Hill — 9 a.m.-9 p.m.....893-2403
Dean Sowers 10 a.m.-9 p.m.531-0477

BASIC

Herb Huey — 6 p.m.-10 p.m. 525-1608

Borland Delphi

Maurie Seymour — 9a.m.-9p.m..... 633-2914

Champion Business Systems

Kevin Post — Anytime 969-9495

Clipper

Bob Wendorf—Anytime.....892-1031

Corel's Ventura

John Goodman — 2 p.m.-12 mid.....537-6400
(Preferred):...agoodman@earthlink.net

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
Bill Krehbiel — 24hrs daily 645-8561

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):...goodman@earthlink.net
Bill Krehbiel — 24hrs daily 645-8561

Excel

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

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):...goodman@earthlink.net
Harv Haight — 9 p.m.-11 p.m. 546-0820
Bill Krehbiel — 24hrs daily.....645-8561

Internet

Richard Armenteros—6pm.-11pm.....378-9311

MAS 90

Christian Malm — 9 a.m.-9 p.m. M-F
Anytime Wkends..... 966-5339

Microsoft Word

John Goodman — 2 p.m.-12 mid.....537-6400
(Preferred):...agoodman@earthlink.net

Microsoft Works

Bill Krehbiel — 24hrs daily.....645-8561

PC Tools

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

PageMaker

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

Paradox DOS/Windows

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

PerForm

Richard Sinor--6 p.m-10 p.m.M-F951-1892

QModem/ProComm

Bill Krehbiel — 24hrs daily.....645-8561

Quattro Pro

Preston Hill — 9 a.m.-9 p.m. 893-2403

QuickBooks for Windows

Cathy Hall — Anytime 434-7307
Max Lockie—6 p.m.-9 p.m.720 -8170

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

Real Estate Software

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

Stacker

Harv Haight — 9 p.m.- 11 p.m. 546-0820
John Goodman — 2 p.m.- 12 mid 537-6400
(Preferred):...agoodman@earthlink.net
Bill Krehbiel — 24hrs daily.....645-8561

Visual dBASE

Max Lockie— 6 p.m.-9 p.m.....720-8170

Windows 3.x and 95

Richard Hunter-9a.m.9p.m.M-Sa968-6362
Bill Krehbiel — 24hrs daily.....645-8561
Bill Phillips—9 a.m.-9 p.m.....281-8171

WordPerfect

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

PGP for Personal Privacy, ver. 5.0

Alan Liebschutz

Manufacturer

Pretty Good Privacy
2121 El Camino Real
San Mateo, CA. 94403
Phone: (888) 747-3011
Web: www.pgp.com
Fax: (415) 572-1932

System Requirements

Windows '95 or NT
8 MB RAM
15 MB free disk space.

Windows Programs Plug-in Compatibility
with: Microsoft Outlook 8.0, Microsoft
Exchange, Eudora Pro or Light.
Compatibility with Previous Versions
PGP 2.6, 4.0, 4.5

Technical Support

E-mail pgpsupport@pgp.com
Phone: (503) 684-3140
Web: www.pgp.com/service/service.cgi

Pricing

Download from web site: \$49; boxed \$69

adheres to the PGP/MIME standard, you can perform all of the PGP functions on both your messages and any file attachments by simply clicking a button when sending or receiving your e-mail.

If you are using an e-mail application that is not supported by the plug-ins, you can easily transfer the text of your e-mail messages to the clipboard and perform the necessary functions from there. Also, if you need to encrypt or decrypt entire file attachments, you can do so directly from the Windows Explorer by choosing the appropriate menu option.

Some of the features of PGP

- * Encryption and decryption incorporating maximum-strength cryptographic technologies—PGP offers a selection of different secret-algorithms to encrypt the actual message. The three block ciphers are CAST and IDEA, 128 bits, and Triple DES, 168 bits.

- * Digital signature and verification for certifying messages and files.

- * Quick access to all functions from selectable menus.

- * Integrated plug-in support for popular e-mail applications.

- * Implementation of PGP/MIME for quick encryption and decryption of messages and file attachments when sending and receiving e-mail.

- * Simple key generations with up to 4096-bit keys and support for multiple key formats (RSA and DSS).

- * Sophisticated key management with graphical representation of key properties.

- * Support for distributing and retrieving keys from public key servers.

Overview

PGP is based on a widely accepted encryption technology known as "public key cryptography" in which two complementary keys are used to maintain secure communications. One of the keys is a private key to which only you have access and the other is a public key which you freely exchange with other

PGP users. Both, your private and your public keys are stored in keyring files which are accessible from the PGPkeys window in which you perform all of your key management functions.

To send someone a private e-mail message, you use a copy of that person's public key to encrypt the information, which only they can decipher by using their private key. Conversely, when someone wants to send you encrypted mail, they use a copy of your public key to encrypt the data, which only you can decipher by using a copy of your private key.

You also use your private key to sign the e-mail you send to others. The recipients can then use their copy of your public key to determine if you really sent the e-mail and whether it has been altered in transit. When someone sends you e-mail with their digital signature, you use a copy of their public key to check the digital signature and to make sure that no one has tampered with the contents.

Creating a Private and Public Key Pair

Before you can begin using PGP, you need to generate a key pair consisting of a private key to which only you have access and a public key that you can copy and make freely available to everyone with whom you exchange e-mail. You have the option of creating a new key pair immediately after you have finished the PGP installation procedure or you can do so at any time by opening the PGPkeys window.

Exchange Public Keys with Others

After you have created a key pair, you can begin corresponding with other PGP users. To do so you will need a copy of their public key and they will need a copy of yours. Since your public key is just a block of text, it is really rather easy to trade keys with someone. You can either include your public key in an e-mail message, copy it to a file, or post it on a public key server where anyone can get a copy if they need it.

Continued on page 14

Introduction

Without strong encryption for digital correspondence there is a serious risk of third party interception and piracy. Sending encrypted e-mail and attachments is like mailing a postcard. And, unencrypted files on your computer are about as private as leaving your wallet or checkbook open on your desk.

With PGP for Personal Privacy, you can protect the privacy of your e-mail messages and file attachments by encrypting them so that only those with the proper authority can decipher the information. You can also digitally sign the messages and files you exchange, which ensures that they have come from the person who allegedly sent them and that the information has not been tampered with while in transit.

The most convenient way to use PGP is through one of the popular e-mail applications supported by plug-ins. This allows you to encrypt and sign as well as decrypt and verify your messages while you are composing and reading your e-mail. In addition, if you are communicating with another PGP user who is using an e-mail application that

Product Reviews

Continued from page 13

Certify and Validate Your Keys

Once you have a copy of someone's public key, you can add it to your keyring. You should then check to make sure that the key has not been tampered with and that it really belongs to the purported owner. You do this by comparing the unique fingerprint on your copy of someone's public key to the fingerprint on their original key. When you are sure that you have a valid public key, you sign it to indicate that you feel the key is safe to use.

Encrypt and Sign Your E-mail

After you have generated your key pair and have exchanged public keys, you can begin encrypting and signing e-mail messages and file attachments.

* If you are using an e-mail application supported by the plug-ins, you can encrypt your messages by selecting the appropriate options from your application's tool bar. In addition, if you are communicating with other PGP users who are using a version that adheres to the PGP/MIME standard, you can encrypt and sign your messages as well as file attachments *automatically* when you send your mail.

* If your e-mail application is not supported by the plug-ins, you can perform the functions from a copy in the Windows clipboard and can encrypt and sign from the Windows Explorer.

Decrypt and Verify Your E-mail

When someone sends you encrypted e-mail, you can unscramble the contents and verify any appended signature to make sure that the data originated with the alleged sender and that it has not been altered.

* If you are using an e-mail application supported by the plug-ins, you can decrypt and verify your messages by selecting the appropriate options from your application's tool bar. In addition, if your e-mail application supports the PGP/MIME standard, you can decrypt and verify messages and file attachments sent using this format by clicking on an icon when reading your mail.

* If your e-mail application is not supported by the plug-ins, you can perform the function from a copy in the Windows clipboard and can decrypt and verify from the Windows Explorer.

Installation

Installation was straight forward. I used the Eudora Pro PGP plug-in. You can access PGP from the System tray of Win 95 and select the appropriate menu item.

Documentation

Ample documentation is provided in the user's guide. Technical support is provided for thirty days from product registration. Additional information is also available on PGP's web page.

Paint Shop Pro

James Daggy
User's Personal Computer
Organization
UPDATE, December 1996

At the December general meeting, a demonstration of a web page prompted the question "what did you use to create the graphics?" The answer is Paint Shop Pro for Windows, a shareware program from JASC, Inc. up in Minnesota.

The program was originally recommended to me by Richard Wiggins and was easily downloaded via the Internet (try the Zif-Davis shareware site at <http://www.zdnet.com/zdi/software>). The program worked so well that I registered it (for \$70) and received the full version with manual (the trial version is virtually identical to the registered version, so you are not really working with "crippleware" when you are on your 30 day trial.)

The program will import and export a wide variety of graphics file formats (all of the major DOS/Windows-based ones: GIF, JPG, BMP, PCX, WPG, TIF, etc.). At this time, the Windows 3.x version does not support transparent or animate GIFs, or the even newer "progressive" JPGs. Since those features are used in the production of web pages, it is only a matter of time before support for those formats is also included.

The program has a number of standard drawing tools, plus more than a dozen image filters that may be applied. It takes advantage of all available RAM in the computer (real and virtual) permitting you to edit several very large images simultaneously. It easily recognized my new scanner when that was installed. And, it will permit multiple instances of itself to be launched.

Probably its greatest weakness is in its lack of multiple levels of Undo- again, a feature that will probably be included in future versions. The program also doesn't treat images as objects, so a right mouse button will not bring up any properties or editing options. This lack of object orientation in image manipulation is most noticeable when you are editing between two images and wish to drag and drop a cutout from one to another - you still need to copy/cut the cutout image to the Windows clipboard and then paste it into the destination image. This is where the big price jump comes between this program and a Corel Draw-type program- the sophisticated object-oriented design of the full price program is why they still get the big \$\$\$ for them.

If you are looking for a good basic drawing and image manipulation program you would need to spend several hundred more \$\$\$ to get an appreciably better program. For putting around, building personal web pages or just "touching up" some scans or other images, it is probably the best product in its price range.

Genealogy

*Wednesday, Oct. 1, 1997
Richard Baznik & Stan Sabin*

Despite being in bed for over a week with Bronchitis Stan said he would try to complete as much of the evening's events as he could but might have to recess early if his voice didn't last.

After announcing that the main theme for the night would be a demo of the new Family Tree Maker for Windows Deluxe Edition III (FTM) Stan started the completely filled meeting with the usual "Random Access" (question and answer) portion. He immediately was asked by several members if there is any word on a new version of Ancestral Quest? Yes, but nothing he can mention since he is a beta tester and under non-disclosure.

He announced that the November 5th meeting will be the eighth annual "Beginner's Class" which is designed for rank beginners on both genealogy and the various computer programs. Starts with how to install the program, and goes on from there. Uses Ancestral Quest (AQ) mostly with some also on Family Tree Maker. The class has always been quite full and it will pay to appear early.

For first-time people, Stan made the usual "legal" notices (that no other SIG leader ever mentions) about emergency exits, etc., and made his usual low-key pitch for membership in OCIPUG and the need for member dues to pay the rent on our facility.

Some discussion about PAF 3.0 An improvement over 2.0 but it's still not too good. Crashes a lot. Not recommended at present. Uses an entirely different database. Will convert from the old to the new, but NOT backwards. Only safe thing to do is make a copy of your old database in case you get frustrated with 3.0 and decide to chuck the whole business. Few of those who have written utilities for previous versions of PAF are writing utilities for 3.0 because everyone is switching to Windows.

Stan feels that "Ultimate Family Tree" (Previously Roots III, IV, Visual Roots, etc) is versatile for frequent users who stay in practice but not easy to use for others.

"Corel Family Tree" - Stan hasn't used it yet. Corel has not yet shipped a "D & E" copy for him to evaluate and demonstrate for us. (He can't afford to buy every program just for his class.)

A few minutes of balderdash about word processors, then back to genealogy.

Last month, "Using the Internet for Genealogy" was the subject. Baaad month for Stan. Notebook Computer wouldn't work. (Registry went bad just as the class was starting!) A week later the "C" hard drive on his desktop went South. Both times meant reinstalling Win95 and all his software. Stan heartily recommends Barbara Rennick's and Richard Wilson's book "*The Internet For Genealogists: A Beginner's Guide*", Third Edition.

Stan announced a drawing for an extra copy he has of Family Tree Maker. The drawing was won by Rod Bush.

Charts on the wall, mostly from Family Tree Maker. Did a comparison of what he liked and didn't like about them. Ancestral Quest prints more generations with pictures on one page, compared with Family Tree Maker. However Stan pointed out that FTM made beautiful wall charts. He also passed around some demonstration booklets of the many things FTM can print out from your data.

Stan put Family Tree Maker on screen, showing details of the main editing screen (the Family Page). Screen is very big on picture icons. Family Tree Maker does a good job of importing GEDCOM files, Icons for Notes, Medical Stuff, Adoption Stuff, etc.

Since it has been announced on the Internet, Stan was able to disclose Ancestral Quest (AQ) has a new version in the works. Current version is 2.0a, the one under development is 2.1. Still can't divulge many details under his Non-disclosure agreement. Ancestral Quest doesn't identify divorced couple on printouts; the new 2.1 will handle that. Stan is having about 1,000 of his personally scanned pictures put onto CD-ROM so he doesn't have to carry all those MB on his hard disk. AQ also will allow a person to put the whole database and affiliated pictures on a CD-ROM for other members of a family. AQ 2.1 may be a *Christmas Product*.

Stan selected a long series of notes in Family Tree Maker, copied it to the Clipboard, moved into and <control-v> into Ancestral Quest. Joy has 47+ pages of notes on Stan. Never underestimate the power of love!

There are two Ancestral Quests. The regular program by Incline, and InfoBase's version which is the LDS version, which does not contain a few of the tools that the Incline version carries. Can't use quite as many graphic formats. Both versions are packaged with other programs on CD's and are good.

Back in Family Tree Maker, look at a Pedigree chart. Stan's put pictures against a green background. (Background color optional.) Many graphics choices: shapes of boxes, etc. The deluxe version comes with 9 CD's with Social Security Death Index, World Family Tree, and lots of other great stuff.

Family Finder is part of Family Tree Maker. (An icon just below the menu bar.) Data is half on the installation CD-ROM and the rest on an additional CD-ROM. The index is on the Internet as well as the CD-ROM that comes with the program, but there are more goodies on the pay-for CD-ROM.

In Family Tree Maker Stan picked a vacant spot in a scrapbook, picked a category "Choose from File" and transferred various photos of Joy into the scrapbook.

The program automatically backs up new entries. If you only have one backup set this can be dangerous in the event you add new info that is incorrect which overwrites the good stuff. Good idea to back up your entire database with several copies and store at least one frequently updated copy *off premises*.

Both Ancestral Quest and Family Tree Maker do a good job of printing "books."

Also Stan gave a quick rundown on the various GEDCOMs that are available now and some history by way of explaining why any program you buy should have good GEDCOM ability so you can pick up your or other's data without rekeyboarding it.

The meeting was adjourned about 8:35 p.m., but the attendees wouldn't take the hint and dragged things on another 20 minutes, with Stan's compliance.

GENEALOGY II

Chris Hansen

The last meeting of the Genealogy II Special Interest Group met at 1:00 p.m. on the fourth Thursday of the month. This month Chris Hansen was the presenter while Preston Hill was on a much deserved vacation.

The session began with questions on several different genealogy database programs. The attendees were polled to determine which genealogy program they were presently using. Of the 16 attendees, there were at least six different programs being used. Almost all of the genealogy programs are good with all of them having good and bad features. The ideal program is yet to be written, but the competition is strong among the various companies and the programs are getting better.

We then moved on to the main focus of this month's meeting, "Genealogy and the Internet using AOL and AT&T Worldnet. The demonstration of AOL went well with many features being demonstrated. Of particular interest to the attendees was the Genealogy Forum which can be opened with keyword "roots". This forum is divided into sections of the world, as well as, ethnic groups. The advantage here is to focus on the parish, county, state, province, or country of your ancestors. Queries can be posted in an area of your interest rather than in some general bulletin board.

After a short break, some sites on the Internet were explored, particularly Family Tree Maker, Roots-L, USGenWeb project, plus a few others. Then we looked at the International Forum of AOL and showed the various foreign countries that could be easily accessed. As with all good SIG meetings, my AT&T Worldnet program crashed. It worked before the meeting and after I got home. Who knows?

Next month's meeting will be on Scanning photographs, with some photography history and ways to identify the approximate date or time-span a photograph was taken.

Hardware

Victor Olcott

At the June meeting, after a Random Access session during which a problem with the transfer and inflation of "PKZIPed" files from a 386 to a 286 machine was discussed, and another one dealing with a CD ROM was tackled, Mike Springer switched to the talk of the evening main topic: Optical Storage Devices. Some of the attributes differentiating magneto-optical storage devices from the more familiar magnetic storage devices include:

OPTICAL

- a. Not sensitive to stray magnetic fields
- b. Read/Write head is (relatively) far from the data-carrying surface.
- c. Stores data for a long time (up to 30 years on a glass substrate)
- d. Storage is very dense (high capacity).

MAGNETIC

- a. Affected by stray magnetic fields
- b. Subject to physical damage from the heads (Floppy drive heads actually contact the recording medium)
- c. Data deteriorate within 15 years "Print-through" occurs in tape systems.
- d. On diskettes, adjacent magnetic domains tend to bleed into one another within about 5 years.

Basically, to produce an optical storage device, a high temperature film is deposited on a stable substrate. To record data on this medium (after an initial pass to remove all pre-existing magnetization), it is necessary, simultaneously, to heat the zone where the data are to be impressed and to subject that spot to a magnetic field. (Hence the characterization of this medium as 'magneto-optical' or simply 'optical' for short)

This process results in a 0.7% difference in reflectance between the treated and the untreated zones - the basis for detecting and reading the data. A laser is used both to 'write' the data and to 'read' it.

Now approximately 800 MG of data can be stored per side of a 5.25" (130mm) optical disk. By way of comparison, an audio CD (also an optical storage device) is 120mm in diameter. Here, a laser 'reads' pits in the disk (i.e. areas of different reflectance)

More recently, a new optical technology has emerged (trade-marked "PD") Singled-sided, 120mm diskettes are used to store 650 mg.

These diskettes employ a polycarbonate substrate. When the polycarbonate is heated with a laser, its atomic structure changes from a crystalline lattice to an amorphous one and back again, when reheated. This atomic rearrangement changes the reflectivity of the substrate by approximately 0.7%. Here too, a laser is used both to write the data and to read it. The diskettes are sufficiently durable to permit from 500-thousand to one million write/rewrite cycles.

The data on a diskette can be retrieved using a computer that is operating under any operating system, e.g., DOS, UNIX, MAC. However, the diskettes must be formatted (for writing on them) in a manner that is compatible with the particular operating system under which data will be written to them.

Using XTree Gold, Mike tested the performance of a Panasonic PD drive with the following results.

a. Moving a Large File

- (1) PD Drive to a Hard Drive 23.0 MB/min
- (2) HD Drive to a PD Drive 20.9 MB/min

b. Moving Many Smaller Files Spread Across Many Directories

- (1) PD Drive to a Hard Drive 10.5 MB/min
- (2) HD Drive to a PD Drive 4.4 MB/min

A break followed, after which two computer systems which were brought in by attendees whose computers were not working. In one case, an internal modem had been installed without disabling the internal com port, creating a port address conflict. The other instance of computer problem involved adding a 2 GB hard drive to a system and activating a CD drive on the system.

Desktop Publishing

Charles Schreiber

The October meeting focused on the *i publish* program which gives different templates for the same content depending upon whether it is printed, placed on the web, or presented on the screen. Surrendering some control over fonts, sizes, etc gives you a well designed output without having to make a multitude of decisions and tryouts as you publish. Two members took the program home to try it out and will report next month. The new version 2.0 upgrade is now available and will also be discussed next month.

Now What do I do?

September 18, 1997

Chris Hansen

John Donan, the SIG Leader, invited Alisha Sigler of Microsoft to discuss their new version of the *Picture It!* Program. She demonstrated a beta version of *Picture It!* 2.0, which is a program that uses your own photographs and allows you to fix red eye in seconds, send on-line slide shows, create collages, cards, calendars, announcements, labels, frames, mattes, and borders. *Picture It!* Also allows you to mend scratches, blemishes, remove dust from old photos much easier than with Logitech's FT color program. To date, FT color has been the easiest to use, but *Picture It!* 2.0 is a full step ahead.

Some of the new features of Version 2.0 are: Hand paint black and white photos and decorate photos using a variety of brush styles; Twist and distort photos to create outrageous effects; Transform your photos with different visual textures, including mosaic, impressionist, and other patterns; and Add lively styles, shadows and bends to text in a snap to make your words more memorable.

The smart download from a digital camera features will be useful, if the price and performance of digital cameras start to approach film camera. The ability to E-mail your creations over the Internet is quite useful, ei-

ther to friends or to Kodak and receive back photographic prints.

There were several members in the room, including me, that have used Version 1.0 of *Picture It!* and immediately saw the improvement in Version 2.0. The retail price is projected to be \$55.00, but the street price will lower. The new version should introduced October 1, 1997. The presenter did an excellent job of selling *Picture It!* 2.0.

The meeting concluded with a general discussion of scanners and digital cameras.

Windows 95

September 9, 1997

Bob Anderson

Presenter: Rudy E. Wolf

This meeting turned into a two hour session of random access. It was an attempt by all present to explore the complexities of Windows 95.

Q. Will 16 bit applications execute under Windows 95?

Yes, Win 95 was designed to accommodate legacy programs. However, the programs must be tested to determine if they will work successfully.

Q. Will 32 bit applications acquired under an earlier version of Win 95 continue to work under the newest version?

Mr. Wolf thinks there should be no problem. The most significant change of the version of Win 95 is the 32 bit FAT.

Q. Do you have to reinstall Win 95 to clean up the registry file?

Yes, but Mr. Wolf states that you can have major problems. He did the reinstall, and it was not successful until he restarted from ground zero, i.e. reformatting his C drive.

Q. What can I use to review files that have been downloaded from the INTERNET?

NOTEPAD can be used, but files that contain HTML can be very confusing. Mr. Wolf recommended the use of WORDPERFECT, in that the HTML symbols are handled very much like WORDPERFECT control codes.

Q. Should I make back ups?

Yes, A backup program is included with Win 95. Mr. Wolf recommended Cheyenne or Seagate backup programs. He stated that the Cheyenne backup program is an excellent one, but is difficult to learn how to use.

Q. Should I assign the Win 95 swap file?

Mr. Wolf recommends that you not attempt to specify the parameters for the swap file. Let the system set up the swap file. If possible, he recommends that the swap file be on a separate hard drive.

Q. I have a Win 95 system that only boots the DOS portion of the system?

Very likely you have a corrupted registry file. Win 95 has a backup registry file which can be used to boot the system. The registry file is updated whenever additions or removals are made through the Win 95 install or uninstall process. It is very IMPORTANT to reboot your system when directed to do so by Win 95 It is in the boot process that the registry file is updated with the changes made to the system. One member had lost his MSDOS.SYS file, which rendered his system unbootable.

Q. How can I open OLD files under WORDPERFECT?

Click on FILE OPEN, then specify file name, then open. You will get an option to convert the file if it is not a WORDPERFECT file. Mr. Wolf points out that you can encounter problems if the file has an extension that is not delineated in the registry file.

Q. Can I delete TEMP files?

The answer is a qualified yes. The TEMP files are usually stored in the TEMP directory and are created by executing programs or installs. If a TEMP file is in use by a currently executing program, you may cause the program to crash by deleting it.

resignation as Membership Promotions Chairman. He will maintain the Hotline, (714) 662-2939. Richard is thanked for his excellent performance.

Outreach/Sunshine and Awards (Soloman) presented a sympathy card to sign and send to Bill Phillips whose mother passed away recently. President Hill asked that notes on personal illness, deaths or other significant events be considered for publication in *Readme.Doc*.

Activities (Liebschutz) reported he has turned over to Jim Kirkpatrick all Program Committee materials, including complete vendor and speaker databases. Gail Dremel will not continue on the committee due to personal commitments. Her work for the committee is appreciated. She is thanked and will be missed.

Director Liebschutz said that experience shows advertising outside of the membership is not effective. Software donations were down this year due to vendor's cutbacks and committee manpower considerations. He suggested consideration of a reward system for our general meeting drawing.

Larry Pearce moved, seconded by Richard Black, to approve Reg Roberts' request for a monthly allotment of \$3.50 and \$6.00 set-up fee to have Hotline call-forwarding to his home. The motion carried unanimously.

Larry Pearce moved, seconded by Richard Hunter, to recognize and thank Alan Liebschutz for his over three years of excellent performance as Programs Committee Chairman. The motion was carried unanimously.

Facilities (Wolfe, submitted by written report) reported that a record of keys and combinations has been requested from Doug Nowlin. Tony Dopazo will follow up on the log.

Calendar Specialist (Seymour) reported on the calendar of events for the club and posts room assignments on the Room A board.

APCUG representative (Dopazo) reported five Board members — Ali, Black, Dopazo,

Hill and Pearce — will represent the club at APCUG events and Comdex. Business cards will be supplied to facilitate contact with vendors and other clubs. All members attending Comdex and APCUG will submit reports.

Community Outreach (Pearce) noted Allen Ashley needs help conducting a class to 39 parents of children learning computer skills at CANO. Classes are Wednesday, 9:00am, 1750 North Grand, Santa Ana. Alan has posted information on the Room A bulletin board.

Membership Accounting (Hansen) will submit a plan for Board members to phone each member whose membership is expiring or has expired. The plan will include a caller's check list of questions.

For the Good of the Group

President Hill acknowledged the assistance of Kevin Moser and Ruben Compos on the Hotline.

Ed Miller - Discussed the functional addresses of the board members. They will need to reset their passwords. He found the SIG door unlocked on Saturday. All present were cautioned about security. A pothole problem in the parking lot was pointed out. Larry Pearce will contact the landlord.

Allen Ashley - Goodwill Industries contacted him and suggested a partnership with OCIPUG. OCIPUG representatives will visit them.

Tri-fold brochure - John Gallie offered to distribute copies to his computer classmates. Red Davidson and Kevin Moser said several of the tri-folds were distributed at the ACP swapmeet.

Old Business

Honorary Membership — Richard Hunter moved, Alan Liebschutz seconded, that the Policies and Procedures Manual be modified to add a section defining the qualifying criteria for an Honorary Membership, as provided for in the Bylaws. The criteria are stated in the Board packet. Alan Liebschutz questioned if all criteria must be fulfilled. Richard Hunter noted there was flexibility at the discretion of the Executive Board. The motion carried by unanimous vote.

Motion by Richard Hunter, seconded by Tony Dopazo, that John Goodman be granted an Honorary Membership for an indefinite time. The motion was carried by unanimous vote.

Budget — Richard Hunter presented the proposed 1997-1998 OCIPUG budget as prepared by the officers and himself. Notes and action items further document the budget proposal and goals. A motion was made by Richard Hunter, seconded by Larry Pearce, that the proposed 1997-1998 budget be adopted as presented. Director Liebschutz expressed concern that the Programs Committee budget is inadequate to do job required, especially to solicit donations for a successful fund-raising auction.

Rob Nelissen suggested that *Readme.Doc* could be published on our Web page at a cost savings. Kevin Moser noted the North Orange County Computer Club does publish on their Web page but also publishes hardcopy. Richard Hunter expressed concern that our members would not approve of limiting the *Readme.Doc* to the Web page.

Approximately 700 copies of *Readme.Doc* are printed each month. Director Liebschutz noted vendors/presenters are sent complimentary *Readme.Doc* copies after their appearances. Director Sowers will review the distribution schedule with Richard Armenteros, Chairman, and Bob Peringer, Circulation Manager, for possible savings.

President Hill stated the budget is a necessary part of planning for the club and will be revised as appropriate. CFO Pearce stated a contingency is included in the proposed budget. Expenses beyond any committee's budgeted amount will require specific Board approval. The budget was approved as proposed — 7 for, 1 opposed, 1 abstention.

New Business

President Hill moved, seconded by CFO Pearce, to defer new business in the interest of time. The motion carried.

Minutes and Announcements

Appointments

President Hill appointed/reappointed the following committee chairpersons/members:

Chairman: Bulletin Board
 Services Ed Miller
 Sysop Dean Sowers
 Co-Sysop Tony Dopazo
 Co-Sysop Kim Kymlicka
 Co-Sysop Mike Springer
 Co-Sysop David Yap
 Internetworking Francis Reed
 Library Open
 Membership Accounting Chris Hansen
 Membership Services Open
 Membership Promotion Open
 Property (Inventory Control) Open
 Facility Maintenance and Improvement Red Davidson

Calendar Specialist
 Election
 Nominations
 Long Range Planning (Interim)
 Finance (review)
 Programs (Interim)
 Special Events
 SIG Operations (Interim)
 Sunshine and Awards
 Community Services
 Policy & Procedures
 Rules & By-laws
 Advertising
 Publications

Maurie Seymour
 Open
 Open
 Richard Hunter
 Open
 Jim Kirkpatrick
 Open
 Preston Hill
 Open
 Allen Ashley
 Kevin Moser
 Ed Miller
 Tom Tersigni
 Richard Armenteros

CFO Pearce moved, seconded by Dean Sowers, to approve appointments/reappointments as made. The motion carried.

Adjournment

Alan Liebschutz moved, seconded by Arlene Soloman and carried, to adjourn the meeting at 9:57pm. The next meeting of the Executive Board will be October 27, 1997, 7:00pm at the Brookhollow facility.

Respectfully submitted,

Wayne Ali, Secretary,
 as assisted by Robert Nelissen



Executive Board Members 29 September 1997

Left to right

Officers:

Front: Tony Doparzo, Vice-President; Preston Hill, President; Wayne Ali, Secretary; Larry Pearce, CFO/Treasurer

Directors:

Middle: Chris Lloyd, Arlene Solomon, John Gallie, Alan Liebschutz

Rear: Richard Black, Dean Sowers, Richard Hunter, Chet Brisco

OCIPUG Executive Board

Officers

President	Preston Hill	893-2403
Vice President	Tony Dopazo	897-3912
Secretary	Wayne Ali	972-4695
Treasurer/CFO	Larry Pearce	543-5661

Directors

Richard Black	1998	536-0036
Chet Brisco	1998	730-6688
John Gallie	1999	972-1367
Richard Hunter	1998	968-6362
Alan Liebschutz	1997	859-5815
Chris Lloyd	1999	894-4837
Reg Roberts	1997	642-5399
Arlene Solomon	1999	891-3889
Dean Sowers	1998	531-0477
C. Edward Wolfe	1999	646-5608

OCIPUG Information & Resources

Bulletin Board	751-3242
OCIPUG Information & Message Line	662-2939
OCIPUG Emergency Line	662-2539
World Wide Web	

<http://www.webcom.com/ocipug>

People and Numbers to Know

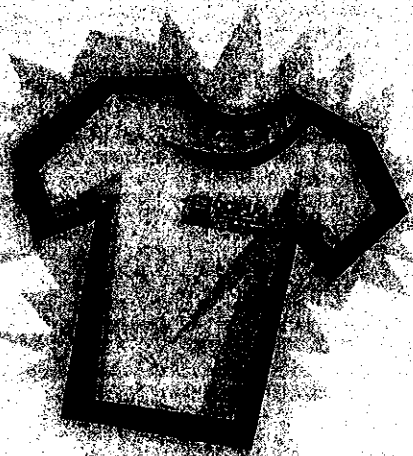
(Subject to change)

Advertising	Tom Tersigni	546-2472
BBS Committee	Ed Miller	470-9319
Calendar Specialist	Maurie Seymour	633-2914
Community Outreach	Allen Ashley	537-4608
Editor - newsletter	Norm Bergman	536-2951
Election Committee	*	
Facility Improvement	Red Davidson	548-0413
Internetworking Comm.	Francis Reed	733-1750
Library Committee	Bob Blakeley	549-0958
Long Range Planning	Richard Hunter**	968-6362
Membership Accounting	Chris Hansen	637-0102
Membership Promotion	Reg Roberts	642-5399
Membership Services	*	
Nominations Committee	*	
Policies & Procedures	Kevin Moser	631-2766
Program Chairman	Jim Kirkpatrick**	
Property Committee	*	
SIG Operations	Preston Hill**	
Publications Comm.	Richard Armenteros	378-9311
Rules & Bylaws Comm	Ed Miller	470-9319
SYSOP	Dean Sowers	531-0477
Webmaster	Denise Werner	229-0032
Webmaster	Bob Basaraba	559-6539

** Temporary until permanent Chairperson assigned.

* Call Preston Hill, (714) 893-2403, for person & number.

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20 December 1997

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Partition Magic**

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Copy received after deadline may be held for future issues.
SIG Topics deadline to SIG Guide Coordinator is 1 November 1997.
Please renew 45-60 days early to save costs of renewal notices. Check label for expiration date.

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