

README.DOC

MARCH 1990

JOURNAL OF THE ORANGE COAST IBM PC USER GROUP

VOL.6 NO. 3

What's Inside this month

Word comes to us from our Treasurer, Toni Massoth, that after many months of effort on the part of Jerry De Ainza, our past Treasurer and herself, the IRS has decided to grant our request for non-profit status. One effect of this will be the lowering of our postage cost, for mailing the README.DOC, to half of what we are currently paying. We owe, both Jerry and Toni, our thanks for the hard work they have done.

In this issue we are fortunate to have another nifty batch file from our resident batch file expert, Michael Springer. Mike is also the subject of our Member Spotlight.

In Gibson's Corner, Steve Gibson explains the difference between compilers and interpreters and the uses for each. And he poses a variation on the proverbial chicken or the egg riddle.

Bob Ortko provides some very useful tips to get you neophytes on to the BBS with ease. If you haven't bought a modem yet, here is the best excuse yet. With Bob's tips you should be up and running in no time flat!

Our General meeting this month features Willow

Peripherals' demonstration of boards which will give you the capability to create images in various ways. One board lets you put VGA images on a standard television monitor. Another allows use of a video camera as an image input device. Michael Johnson, National Sales Manager for Willow Peripherals will be giving the demonstration.

American Power Conversion Co. will be represented by Steven Bloch. American Power Conversion is a leader in UPS(Un-Interruptible Power Supply) systems. Steven Bloch will discuss specific applications of their products for PC users.

The March meeting will also feature a vote on whether to renew the SIG Space lease. See the Board of Directors Minutes for details, as well as the Open Letter to the Membership from Toni Massoth, our Treasurer.

Finally, I'd like to thank Qume Corporation for donating the CrystalPrint Publisher Postscript Compatible Laser Printer, and thanks to OCIPUG President, John Goodman who was instrumental in making the donation possible

Steve Burnside, Publtsber.

IN THIS ISSUE

General Meeting Report	1
Making Unzip Easy	2
Gibson's Corner	4
Member Spotlight	5
ABC'S of the BBS	6
Letters to the Editor	8
Make a Million	10
Software Review	11
Did you know...?	11
Board Minutes	14
SIG Space Vote	15
Treasurer's Report	16

General Meeting March 31, 1990

9:00 AM

Orange Coast College Science Hall

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Send all submissions to the Editor, on or before the deadline listed below, using one of the following formats:

1. **UPLOAD** to the Bulletin Board indicating the format by extension, such as: ASCII.TXT, MSWord.WRD, WordPerfect.WP.

2. 5 1/4" **DISK** mailed to the Editor in time to meet the deadline.

3. **HARD COPY** is acceptable only if typed and double-spaced.

DEADLINE FOR ALL SUBMISSIONS WILL ALWAYS BE 6 PM ON THE SATURDAY FOLLOWING THE GENERAL MEETING.

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PURPOSE STATEMENT

The purpose of the ORANGE COAST IBM PC USER GROUP is to provide a forum for members to share information and experiences that will help other members obtain maximum benefit and enjoyment from the use of their IBM PC and compatible personal computers.

TRADEMARKS

The mention of the names of various products in this publication without indication of Trademark or Registered Trade Mark status does not imply that these products are not so protected by law.

General Meeting Report

Harv Haight

Prior to the opening of the 60th OCIPUG General Meeting, by President John Goodman at 9:00 AM on February 24th, Marco Giammarinaro (Member #1064) led a half-hour Random Access. Marco, employed by Donjoy Orthopedics of Carlsbad, coped very well with problems voiced by members who arrived early. BBS Sysop Bob Ottke supplemented John's remarks, showing a twenty-foot printout of free programs available on OCIPUG's RBBS, and answering questions from the floor.

In a lively, interactive formal Random Access, OCIPUG's Steve Gibson responded to written inquiries from members. Subjects ranged widely: a recalcitrant date-time line, printer problems, where used computers go, inaccurate memory assessment, backup by a second hard disk, screen blinking with WordPerfect 5.1, dual operation of mono and color monitors, manufacturers' modification of DOS, Windows for 386, Finesse, MMP modems, and an evaluation of UNIX-OS2-DOS status. It was obvious that OCIPUG members liked Steve's one-liners and valued his insights.

In a formal presentation, Michael K. Harris, Qume Corporation's Product Manager for the CrystalPrint Publisher line, next gave a detailed history of the Postscript Page Description Language and its predecessors. He took great pains to show pro and con of this programming technique, and discussed its full implementation by Qume in the CrystalPrint Publisher. Mike compared this product with HP Laser PostScript printers, emphasizing

Qume's longer cartridge life, for a reduction in cost per page from 3.3 cents to 2.9 cents. He also noted a less-expensive CrystalPrint unit equivalent to the HP LaserJet Series II.

Among other answers to questions from the floor, Mike emphasized the indiscriminate use of the term Laser Printer for three distinct variations of the xerographic printer. In each case, a selenium-coated cylinder is charged to 5 kilovolts DC and a light pattern imposed. Where sharply-defined light strikes, charge leaks off and pigment can adhere, to be transferred to paper and baked on. HP uses a gallium arsenide laser diode to create a sharply defined beam of light, with its intensity modulated, that is scanned across the drum in sequential lines by a rotating mirror.

Other Laser Engines use special arrays of LEDs, 300 individual units per inch, to scan. Qume uses the Casio Liquid Crystal Shutter, illuminated uniformly from behind. Its lack of moving parts and uniformity of transmission make the design highly reliable.

Until March 24th, Qume will sell the CrystalPrint Publisher to OCIPUG members for \$2795, and the CrystalPrint Series II for \$999. With a list of \$4500 for the Publisher, this member price is below wholesale. Qume also donated the demonstration Publisher to OCIPUG, for which members thank Qume very much.

Post-break, John Goodman noted a meeting of SIG leaders on March 19th, at the SIG Space, to discuss RBBS usage; he also regretted Bonnie Ulanosky's in-

ability to offer library disks, because of illness. Microsoft has contributed another copy of FLIGHT SIMULATOR to Bonnie, to make up for one she defaulted to Kent Pierce at the January raffle.

Neil Carman asked for volunteers to man a booth at an upcoming computer swap meet. Michael Springer reviewed the progress of the TREES and BATS Seminar and presented batch file techniques of downloading RBBS files and unzipping .ZIP files. Richard Villa said the Investor SIG will continue on 3rd Wednesdays and the Ventura-CorelDraw SIG will start on March 15th. Max Locke spoke of Managing Your Money as the subject for the next Financial SIG. From the floor, the possibility was opened of a one-shot special SIG session on How to Use Income Tax Software.

John Lunsford closed the session without a raffle because of the no-show of another speaker with goodies to be contributed.

In Memoriam

We regret to report the passing of Pat Mellino, an OCIPUG member for over two years. She was known to many in our club and will be missed.

We extend our deepest sympathy to her family and to her friends in OCIPUG.

MAKE UNZIPPING EASY - A batch file

Michael Springer

This batch file is intended to make unzipping files downloaded from a BBS easy and fun. As presented, it works with the PKUNZIP file from Phil Katz' PKZIP utility. 95% of the batch file content either checks the user's input or provides information on how to use the batch file.

Few people will be able to use the file as-is. It has been tested on computers using IBM's PC DOS 3.1 and 3.3 and the syntax works. Other versions of DOS may balk at some undocumented DOS techniques which have been used. The PKUNZIP file is assumed to be in the C:\UTIL directory; potential users probably have PKUNZIP elsewhere.

These are the things that may need to be changed or even deleted to make a working UNZIP.BAT batch file on your computer:

- 1) The ::UNZIP.BAT line may cause problems; it is only a title and may be deleted.
- 2) Each echo. line is supposed to produce a blank line in screen output for clarity of the info screens;

be sure to change or delete ALL of them if they cause trouble

3) The file recognizes drives A: through F: (or a: through f:); this should be changed in BOTH of the for %%d in (a b ... E F) lines according to the valid drives in your computer.

4) PKUNZIP is assumed to be in the C:\UTIL directory; change the path to PKUNZIP in BOTH of the c:\util\pkunzip lines to reflect the actual location of PKUNZIP on your computer.

5) The file uses an environment variable %uzipdrv% in 9 places. If you see an Out of environment space message, you can shorten the variable to %u% and change the 3 set uzipdrv=... commands to set u=... or, preferably, use the SHELL statement in your CONFIG.SYS file to increase the size of the environment.

6) Blank lines and indenting in the batch file listing are for clarity and ease in understanding the functional groups; these lines and spaces are unlikely to cause problems, but they may be omitted.

The actual batch file listing follows:

```
::UNZIP.BAT
echo off
cls
echo.
echo *** %0 *** Unzipping Utility - - - One moment please ...
if %1!=="?"! goto HELP
if %2!=="!" goto HELP
goto START

:HELP
echo.
echo Command form: %0 [dest.drive] [zipped file root-name] (alt. sub-dir)
echo.
echo           Example: %0 A: V7N17 PCMAG717
echo.
echo *** %0 *** unzips a XXXXXXXX.ZIP file located in the current directory
echo           of the current drive.
echo.
echo The disk in [dest.drive] is checked to see if a subdirectory named
echo           XXXXXXXX already exists.
echo.
echo If not, a sub-dir will be created and the .ZIP file will be unzipped.
echo.
echo If so, a DIR of the existing files will be displayed. If an alternate
echo sub-dir has been specified and it does NOT exist, the .ZIP file
echo will be unzipped into the alternate sub-dir.
goto END
```

```

:START
  for %%d in (a: b: c: d: e: f: A: B: C: D: E: F:) do if %%d==%1 goto CONTCHK
  for %%d in (a b c d e f A B C D E F) do if %%d==%1 goto ADDCOLON
  goto DRVMSG
:ADDCOLON
  set uzipdrv=%1:
  goto CHKFILE
:CONTCHK
  set uzipdrv=%1
:CHKFILE
  if EXIST %2.zip goto BMSG
  echo.
  echo Did not find *** %2.zip ***. Please check your typing and try again.
  echo.
  dir /w/p
  goto END
:BMSG
  echo.
  echo Be sure a disk is in Drive -%uzipdrv% and Strike a key when ready.
  pause > nul
  if EXIST %uzipdrv%\%2\prn goto OVERRIDE
  md %uzipdrv%\%2
  c:\util\pkunzip %2 %uzipdrv%\%2
  goto END
:OVERRIDE
  if %3!==! goto OVERMSG
  if EXIST %uzipdrv%\%3\prn goto DUPEALT
  echo.
  echo Placing files in your alternate directory.
  md %uzipdrv%\%3
  c:\util\pkunzip %2 %uzipdrv%\%3
  goto END
:DUPEALT
  echo.
  echo Even your alternate directory exists. Please choose another name for
  echo the alternate subdirectory.
  goto END
:OVERMSG
  echo.
  echo Directory %2 exists on Drive %uzipdrv% and contains the following files:
  dir %uzipdrv%\%2 /w/p
  echo.
  echo If you really want to unzip %2, run *** %0 *** again and supply an
  echo alternate sub-dir name after %2 .
  goto END
:DRVMSG
  echo.
  echo *$*$*$* Specify a drive from A: to F: for the unzipped files. *$*$*$*
  echo.
  goto HELP
:END
  set uzipdrv=

```

Of Interpreters and Compilers

We know that computers deal exclusively in the somewhat arcane realm of binary arithmetic and opaque machine language, with nothing but 1's and 0's for company. Two fundamental approaches have developed which allow non-binary humans to express our needs to these algorithmic enigmas: Language Compilers and Interpreters.

SOURCE CODE is the universal term for that stuff which we write for computer digestion. While none of it looks like anything we'd term language (and people who actually speak it are notoriously poor company), it is in fact a language resulting from a compromise between the needs of the computer - and our needs (however, we made most of the concessions!).

With the program's source code written, we're ready to have the computer take action - producing the results as we have carefully instructed. Here there's a choice: The computer can either INTERPRET THE MEANING of the source

code step-by-step AS it performs the actual work of the program, or it can first COMPILE THE MEANING of the entire program into its OWN arcane machine language (known as the OBJECT CODE) and THEN execute this new program. This is the meaning and distinction between interpreters and compilers.

Looking at it another way, the total job for the computer is in two parts: DETERMINING what it is that we want done, and actually DOING that work. A compiler gets the job of determination completely out of the way before beginning to do any of the program's work, whereas an interpreter keeps it mixed, determining what we want step-by-step AS it is done.

From this understanding we can see why different niches have evolved for Interpreters and Compilers. Compilers (and Assemblers which are really just low-level compilers) once had the whole industry to themselves. Then the popular Interpreted language BASIC was created. Being Interpreted, BASIC did not require a compile phase. A program could be run immediately after being entered since it didn't require compiling and the associated delay. What's more, the Interpreter made many semantic checks as each line of the program was being entered, catching many typos while the programmer's attention was still there. The interpreted program could also be easily interrupted while running, allowed the user to look inside and examine the state of things.

This high level of interactivity, the ability to edit the program,

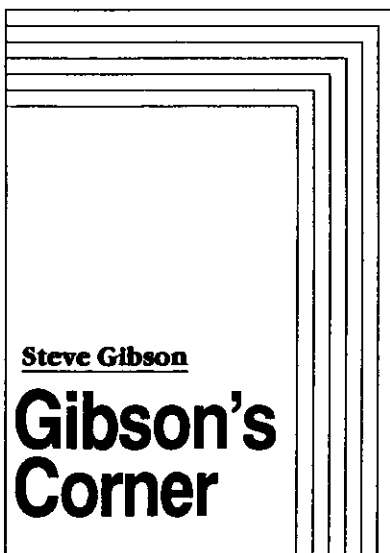
give it a try, interrupt it to see what's going on, then edit and try again, has created a firm foundation for today's modern interpreters.

But Interpreters are not the end-all answer. Since they mix the determination of the task with its execution, they're forever bound to operate more slowly than the code produced by a compiler - where execution is completely separated from the task determination. An interpreted program is also inherently less secure (which could be an issue) since the original source code is always around being interpreted and could be borrowed by unscrupulous competitors. Finally, while the unique write it, run it and edit it cycle afforded by Interpreters make a lot of sense during the development of a program, they don't make nearly as much sense after program development has been completed. This is the time to bring out the compiler, letting it take all the time it wants, producing a compact, super-fast executing program ... which is precisely what frequently occurs.

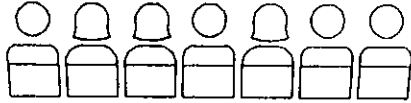
There are now BASIC compilers which boast SOURCE CODE COMPATIBILITY with the popular BASIC interpreters. This means that exactly the same source code which was being happily Interpreted during development can then be compiled WITHOUT CHANGE, for repeated maximum performance use.

Interactive-mode development can be so effective, in fact, that Interpreters have even been developed for successful compilers! The popular COMPILED systems language C has recently acquired a bevy of SOURCE CODE COMPATIBLE C language interpreters to support an interactive development phase of large C language projects.

Continued on Page 5
third column



Member Spotlight on Michael Springer



Jean Stevens

This month the Spotlight is on Michael Springer (member #944) whose Trees and Bats Seminar on Sunday afternoons has turned out to be a great success.

Michael is a native Californian, born in San Francisco and now living in Huntington Beach. While still in high school he joined the U.S. Naval Sea Cadets and went on a summer cruise, leaving San Francisco and sailing to Japan aboard a troop transport ship.

At age eleven he qualified for his Ham Radio license and has been an amateur radio operator ever since. His work as an operator is in public service, which involves practicing how to communicate effectively in disaster situations, such as the San Francisco earthquake. Several years ago, during the Bluebird Canyon mud-slide when all telephone communication was cut off, Michael was one of the Ham operators who was able to keep in touch with the Red Cross, transmitting valuable information via his Ham Radio. It's an important job for which the radio operators are given little recognition.

Michael received his degree in Electrical Engineering from Cal-Poly San Luis Obispo. As an ROTC graduate he spent two years at Fort Mammoth as a Lieutenant in the U.S. Army.

After the Army it was time to settle down and get a job. Of the several jobs offered to him Michael chose the one he knew the least

about because he felt it offered him a learning opportunity. For the next sixteen years he worked in the field of air pollution control, nine of those years having a vested interest in a small company.

During that time he decided to take a year off from work, buy a fifth wheel trailer, and see the country. After covering 28 states and 24,000 miles he had had enough. He returned home, interviewed for a job with the company he left, and got his old job back. Nowadays, Michael does consulting in Engineering Management and is on the adjunct faculty at Golden West College where he teaches computer-aided drafting for architects. As a registered Professional Electrical Engineer, he has been involved in teaching for twenty years, whether it be instructing clients in industry on using and repairing equipment, training personnel, or teaching at Golden West. However, the last couple of years, Michael has been contemplating a mid-life career change. He hasn't yet decided in which direction he will go, but feels with his experience in both education and industry he has a choice of many options.

He enjoys model railroading and sail-boarding, and when he's not conducting the Trees and Bats Seminar, he's volunteering his time as a BBS committee member. Without a doubt, computers play a large part in Michael's life and OCIPUG is fortunate to have members like him, who are willing to share their knowledge with others.

Gibson' Corner continued
from Page 4

The concept of letting the compiler take all the time it wants to perform the translation of the program from the original SOURCE CODE into the computer's own super-fast OBJECT CODE is an important one. Recent large commercial products like dBase III, Framework, WORD, EXCEL, and most others are today written in C. The final bottom-line performance of these packages is crucial to their marketplace success, and the quality of the translation job performed by the C compiler is a big factor. In the future you'll hear more and more talk of OPTIMIZING COMPILERS. These newly sophisticated compilers actually take multiple passes through the work they've done looking for clever ways to make the final output faster and/or smaller.

I'll leave you with an annoying Chicken and Egg puzzle to ponder: There are several very successful programming environments such as UCSD Pascal, Forth, and Smalltalk which were actually WRITTEN IN THEMSELVES!!! Yep, UCSD Pascal was written in UCSD Pascal and Forth is famous for having been written in Forth. The problem is, of course, that after writing all of the source code for the language's implementation of itself ... you couldn't run it unless you already had the language running ... at which point you wouldn't need to run what you had written because it already would be. I think I'm going to go have a chat with a chicken.

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Steven M. Gibson

Laguna Hills, CA 92653

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The A A A B B B C C C 'S of Using the BBS

Bob Ottke, Sysop

This is not the long-awaited, comprehensive article on the best way to use our BBS. It is only a bare-bones explanation of the basic procedures to get you going and to allow you to take advantage of all that the BBS offers.

So....what does it offer??

1. Do you like our Random Access at the General Meetings? Your questions are answered promptly by real experts. Well, that same talent is available to you on the BBS. Your questions will usually be answered (sometimes, several times) within a couple of days.

2. How much do you spend for software? The OCIPUG BBS has about a thousand programs of all types available to you just for the cost of a floppy! These programs are not amateurish concoctions by novice programmers. They are outstanding, original material, and many are nationally acclaimed. Our own Steve Gibson, author of the powerful SpinRite program, once contributed programs as Shareware.

3. Do you enjoy README.DOC? The BBS offers an always-available medium of exchange of ideas, in the fascinating field of computers. It is truly an extension of README.DOC.

But enough of the reasons for getting involved. What you really want to know is, How do I do it? Right? OK!

You must have a modem; either 1200 or 2400 Baud will do. Don't worry about what that means. They are just measurements of speed. A good modem will cost you well under a hundred bucks,

and can be installed in a few minutes by just about anyone. If you need help, it is available.

You will need a communications program. For the time being you can do very well with PCPLUSTD, available from a friend, or from Bonnie Ulanovsky, for three bucks. All of the necessary documentation comes on the disk, so it is no big deal to set up your communications system.

NOW.... you are ready for connection. I suggest that you dial in on the Public Line (714)843-0388. After the screech, you will see the opening screen. Everything is downhill from here!

You will be asked for your first name. Enter it. Also, your last name. Then, your password. It can be anything that you can remember, but just one word. Yes, numbers can be included, or you may use numbers only. You should then, when asked, enter your telephone number. If you are a current Member of OCIPUG (of course you are!), just strike (E)nter a message for the Sysop letting us know that you are a member, so your security level can be raised (don't worry about the details).

So you want some of that free software, huh? Just press (F)iles, then (L)ist, then (A)ll to see what is available. The files will be listed beginning with the most recent. Write down a program that you would like to have. The exact title, please, our computers are not very bright!

OK, so you know what you want, so let's do a download! What you are about to see may

seem confusing in spots, but it is really simple if you follow these directions.

Press (F)iles (you may still be there, but a repetition will not hurt a bit). Then press (D)ownload. You will be asked the name of the file that you want to download. Enter the exact name that you have written down. (In the unlikely event that the computer cannot find your program, check your spelling, and be sure not to have any spaces in the FILENAME.EXT. If it still can't be found, try another program.)

Next, the screen will ask about the Protocol that you want to use. Again, let's not get involved in details. Just select X for Xmodem. That is just to be sure that your modem and the BBS modem are speaking the same language. You can try the others later.

Now, the screen will tell you that the file is ready for download. Just press gDn. A window will appear with the FILENAME. Press Return. The bottom of the screen will show File transfer in progress, and you will see a window that keeps you up to date on the transfer. You should not see any error messages, but three or four will not hurt. When the machine detects an error in a block, it causes that same block to be re-sent.

You will know how much time the download will take. That is determined by three things: Size of the file, Speed (Baud rate), and Protocol. At the end of the download, you will hear a beep, and COMPLETED will flash in the window. Just relax. You have done it!!

Now, let's read some messages. Press (Q)uit to leave the (F)iles section, and Return to get back to the (M)ain menu. Then, press (R)ead Messages, followed by (S)ince. Now you will see the messages, oldest first, since the last time you were on. If this is your first time on, you will have a LOT of reading

to do! But you will be given frequent opportunities to stop.

You have mastered the basics of BBS operation, and you still have some time left of your first hour.

Your first download should probably be PKZ102.EXE. This is a self-extracting file of programs that you will need to unZIP the downloaded programs. ZIP, ARC, and others are merely compression programs that reduce the file transfer time. If you are calling Huntington Beach from Newport, that doesn't make much difference. But if you are downloading a big file from a database in Boston, it can make a big cost difference. Just about all BBSs use the same file compression methods, and almost all can be handled by the programs in PKZ102.EXE.

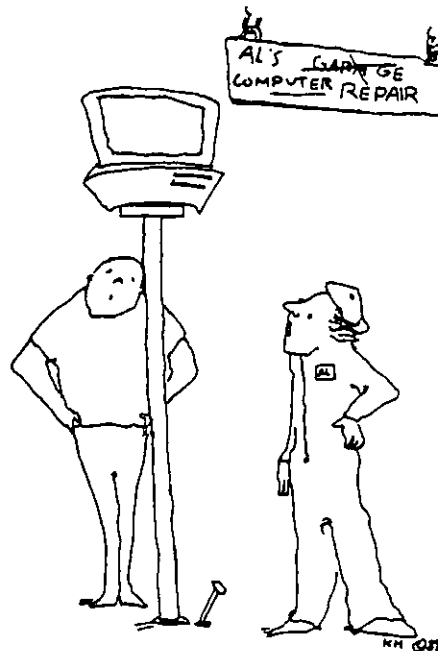
Now, get on the BBS every day or two. Don't be timid about asking questions. There is no such thing as a stupid or embarrassing question. The most knowledgeable Guru or Power User was a novice not that long ago. Join in the fun of sharing....

Others are preparing a much more detailed Manual on the use of the BBS. We have no deadline for that, but hope that it will be available within a couple of months. We did not want you to wait. This little article can get you going. In a couple of months, you can help write the big Manual!!

You may also want to download BBSHELP.DOC, recently uploaded by Allan Roberts, for a good look at the various screens and menus. This will enable you to plan your BBS forays, and use your time more efficiently. The currently available files are listed in FILES02.90. This listing is changed periodically, so if that is not available, try FILES03.90.

In the meantime, read the documentation, get on the board frequently, and ask questions as they come up....

COMPUTIMES by Rac Hark



"Well, the keyboard springs are shot, the hard drive needs an oil change, and you'll never pass the smog test without a tuneup."



Stan H. Sabin



968-7307

ANYWHERE IN ORANGE COUNTY

including

ANAHEIM	NEWPORT BEACH	MISSION VIEJO
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IRVINE	HUNTINGTON BCH	SANTA ANA
LAGUNA	GARDEN GROVE	FOUNT. VALLEY



Letters to the Editor

Advertising Ideas Anyone?

We've been lucky to have past speakers and guests generously donate software and hardware for our raffle. Prizes also have resulted from the personal efforts of people like Dave Lorenzini, Paul Curtis, and others. Perhaps we should emulate the technique of the Orange APPLE Computer Club, in its SCRUMPY newsletter: a page shows half-business-card size listing of raffle sponsors, with a statement, The following firms have supported the club and are deserving of your support. This is not in place of inserting commercial ads, or of business sponsorship, but might get better response to informal solicitation of prizes. Any thoughts, members?

Also, we're about to send out, to selected businesses in Orange County, an inexpensive flier to encourage README.DOC ads and OCIPUG sponsorship. We will have a supply of these fliers available at the next General Meeting located on a table in front of the auditorium. You can help by taking a copy and passing it on to an appropriate person in your organization. If any of you have suggestions as to where to mail these fliers, and to whom, I'd sure like to hear from you.

*Harv Haight,
Advertising Manager*

OPEN LETTER TO OCIPUG MEMBERS

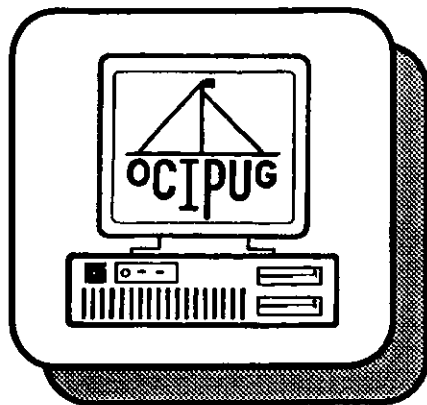
In addition to the facts that have been presented I, personally wish to express some very strong opinions. (Just what you always wanted: another windy person with opinions!!) Although I am fairly new to OCIPUG, it is very apparent to me that the SIG meetings offer an extremely valuable, intimate, almost one-on-one learning experience for the mere price of membership! 24 different special interests groups gather together at least once a month to share their knowledge. From 10 to 45 people attend each of these meetings. The purpose of our club is to share computer information. Without the SIG space, we limit that sharing to once a month at the general meeting (A rather intimidating way to be forced to ask that question you're half afraid might be stupid!) or the effective but non-spontaneous method of using the BBS (for those who are advanced enough to own and use a modem). Without the SIG space, we totally eliminate the hands-on learning/teaching experience.

SOOOOOOOOOOOOOOO, you say, Who says we have to meet in this particular location? Life at OCIPUG did not begin (nor will it end) at 17632 Metzler Lane. We can meet anywhere.

This is true. We can waste the long, hard, dedicated hours last years board of directors put into choosing an affordable location in the geographic center of our membership. We can throw away the time, money and effort already donated by so many dedicated individuals. We can squander the many club dollars currently invested in improving this club life-line. We can abort this extremely important project and disband one quarter of our means of educational communication.

We have a choice to make. We can terminate the SIG space and regress or we can CONTINUE the SIG space and GROW.

*Outspokenly yours,
Toni Massoth, Treasurer*



The Orange Coast IBM PC User Group SIG GUIDE

*A Calendar of Meetings & Events
published by Richard Villa*

For more information on membership, write to OCIPUG at PO Box 6100-211,
Costa Mesa, CA 92628. Call Voice - 714/843-2048 or BBS - 714/843-0388

**A
P
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L**

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3 Spreadsheet	4 Desktop Pub./ Windows	5 Modem	6	7 New Users 9 AM DOS 1 PM
8	9 WordPerfect	10	11 Small Business	12 CAD/ Graphics	13	14 Shareware 10 AM OS/2 1:15 PM
15	16 Genealogy	17 BBS DataEase	18 Investors	19 Ventura/ Corel Draw	20	21
22	23 MS Word	24 Personal Finance Real Estate 8 AM	25 Q & A	26 Hardware	27	28 9AM - OCIPUG General Meeting O.C.C. Science Hall
29	30 OCIPUG Board Meeting 6:30 PM					

**All Special Interest Groups (SIG's) are held from 7 PM to 10 PM
at our SIG SPACE, located at 17632 Metzler Lane, Suite 211,
Huntington Beach unless otherwise listed.**

BBS**3RD TUE**

SIG Leader: Bob Ottkie 714/759-1515

The topic for April will be to install the new version of **RBBS**. This is a **WORK PARTY**. Meet in office area of **SIG SPACE**.

CAD/GRAPHICS**2ND THU**SIG Leader: David Carroll 714/775-3130
Designated Guru: Dave Lorenzini 714/751-9262

This SIG covers hardware and software products in both computer aided design and graphics. **At the April meeting Doug Zeffner, VP of GrafX Group will present the new version of Grasp.**

DATABASE**2ND TUE**

SIG Leader: Bob Schmiedeke 714/536-1178

This SIG discusses various database programs, specializing in *dBASE*. **This SIG will not meet in April. Meetings will resume in May.**

DATAEASE**3RD TUE**Co-SIG Leader: Bill Ulrich 714/721-1371
Co-SIG Leader: Dick Barker 714/639-2865

This SIG covers *DataEase*, a 4th generation application development language. **Come to our first meeting in April.**

DESKTOP PUB./WINDOWS**1ST WED**SIG Leader: Richard Villa 714/841-6991
Asst. SIG Leader: Steve Burnside 714/758-8957

This SIG covers general desktop publishing related topics during the first half, and specializes in *Page-maker*, *Microsoft Windows* and other advanced topics in the last half. **At the April meeting Andrew Wold of Micrografx will present Designer 3.0, which was recently released.** Please come with your questions.

DOS and LANGUAGES**1ST SAT**SIG Leader: Cyrus Askari 714/960-1523
Designated Guru: John Goodman 714/895-3195

Come to this group to learn more about how your PC works and how to get it to do what you want. This SIG is about the program you use everyday: DOS. Also about languages (e.g. BASIC) & other system issues. **Come to the April meeting with your questions.**

GENEALOGY**3RD MON**

SIG Leader: Stan Sabin 714/968-7307

New SIG. For beginners to experts. If you know a little about Genealogy or alot this SIG is for you. **At the April meeting, we will be discussing and demonstrating some of the different computer programs to help you in Genealogy.** Future meetings will go into further depth in the program of your choice.

HARDWARE**4TH THU**SIG Leader: Milt Miller 714/960-4766
Designated Guru: Bob Basaraba 714/733-3310

This SIG is one of the most popular, judging by the strong attendance. **Come to the April meeting with your questions.**

INVESTORS**3RD WED**SIG Leader: Dan Jacobs 714/675-5895
Designated Guru: Joe Farber 714/642-6993

This group explores the world of software designed especially to help investors of stocks, bonds and commodities.

MODEM**1ST THU**

SIG Leader: Rich Sabin 714/968-3539

Reach out and access the whole world of information through telecommunications. **The topic for April will be a demonstration of a SHAREWARE host program.** Come and random access with us.

NEW USER/NEW MEMBER**1ST SAT**

SIG Leader: John Lunsford 714/995-0947

This is the best SIG to attend first. The meetings run on a 4-month cycle and this month is number **FOUR** in the cycle.

IMPORTANT Telephone NumbersPublic Bulletin Board (BBS) - **714/843-0388**PRIVATE LINE - **714/843-9248**(MEMBERS MAY ACCESS AND download files
AND MESSAGES FROM EITHER LINE)HOT-LINE - FOR LATEST INFORMATION ON MEETINGS
AND EVENTS - **714/843-2048**

OS/2**2ND SAT**

SIG Leader: Dave Lorenzini 714/751-9262

Come learn about what OS/2 is all about and what this new operating system can do for you. **We will continue to discuss OS/2, including AutoCAD at the April meeting.**

PERSONAL FINANCE**4TH TUE**

SIG Leader: Max Lockie 714/644-0103

This SIG discusses the various financial packages for the PC. Please come with your questions. **At our April meeting we will present *Wealth Builder*.**

Q & A**4TH WED**

SIG Leader: Terry Currier 714/774-2018

Come and learn about this popular database and word processing program. **The topic for the April meeting will be Q&A report making.**

REAL ESTATE**LAST TUE**

Contact Person: Kent Pierce 714/536-0271

Contact Person: Tom Sutro 714/850-0474

Jointly sponsored by OCIPUG and several local Boards of Realtors, this is one of our largest SIG's. Check the HOT-LINE for the topic of the month. (Coffee at 7:30 AM)

Newport Harbor - Costa Mesa Board of Realtors Boardatorium, 401 North Newport Blvd., Newport Beach.

SHAREWARE**2ND SAT**

SIG Leader: Bonnie Ulanovsky 714/646-5230

Various shareware programs will be demonstrated, and random access will answer your questions about which programs are best for you. **Check the HOT-LINE for the topic for April.** Library disks will be available for purchase from Bonnie. Member prices \$3.00 per disk. (Call Bonnie prior to meeting to order specific titles.)

SMALL BUSINESS**2ND WED**

SIG Leader: Richard Sinor 714/645-7608

This SIG covers how to manage your small business with your computer. Monthly topics generally include discussion on various business software. **At the April meeting will be a demonstration of *Success Incorporated*, a business planning software package, by its co-author.**

SPREADSHEET**1ST TUE**

SIG Leader: John Alesi 714/770-1130

Designated Guru: Neil Carman 714/964-1901

This group covers *Lotus 123* and other popular spreadsheet programs, including shareware products, for both beginners and advanced users. **Check the HOT-LINE for the topic for April.**

VENTURA/COREL DRAW**3RD THU**

SIG Leader: Steve Burnside 714/757-8957

New SIG. This SIG will cover intermediate and advanced topics relating to both *Ventura Publisher* and *Corel DRAW!* **At the April meeting we will continue discussing both of these packages.** Please come with your questions.

WORD**4TH MON**

SIG Leader: Winston Jewson 714/544-4330

Microsoft Contact: Dave Lorenzini 714/751-9262

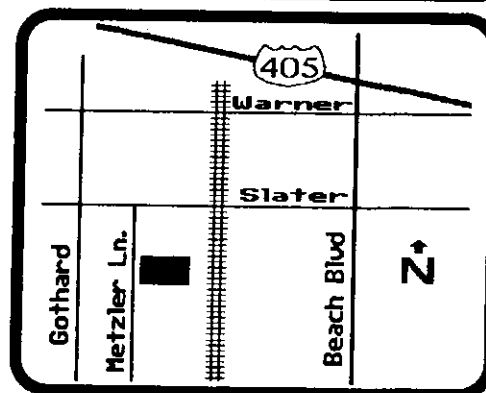
Microsoft Word 5.0 and *Word for Windows* are powerful and popular word processing packages. **At the April meeting we will cover: Beginners - Random access for any use of Word. Drill on usage of easy formatting. Intermediate & Advanced - Using windows; macros (II); and Word for Windows lab.**

WORDPERFECT**2ND MON**

SIG Leader: Jim Pieratt 714/969-4782

SIG Leader: Taoward Lee 714/646-5557

WordPerfect is a very popular word processing program. This SIG covers topics for intermediate and advanced users. **Bring your questions about WordPerfect 5.0 or 5.1 to the April meeting.**

SIG SPACE

17632 Metzler Lane, Suite 211 Huntington Beach

GENERAL MEETING

March 31st, 1990 - 9:00 AM

Video Imaging

Michael Johnson, Willow Peripherals

Un-Interruptable Power Supplies

Steven Bloch, American Power Conversion

8:40 to 9:00 AM - Random Access!

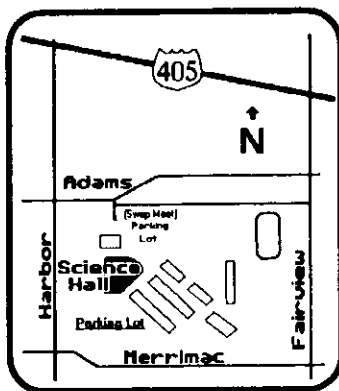
MEETING LOCATIONS

Orange Coast College

Costa Mesa

2701 Fairview Rd.

General Meeting:
Science Hall (next to Chemistry Bldg.)
Parking in campus lots available off Adams or Merrimac.

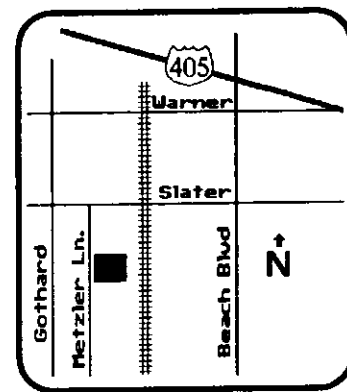


SIG Space

Huntington Beach

17632 Metzler Lane, Suite 211

SIG Meetings:
Take elevator to 2nd floor.
Parking in lot or on street



MEMBERSHIP INFORMATION

Orange Coast IBM PC User Group (OCIPUG) was formed in 1985, and has become one of the largest and most respected User Groups in the country.

OCIPUG, a non-profit corporation, is an all-volunteer organization which provides PC enthusiasts with an opportunity to gain knowledge and gives assistance to those who need it.

Membership includes:

- ✓ subscription to README.DOC, the monthly newsletter published by OCIPUG
- ✓ discounts on Public Domain, Shareware and User Supported software
- ✓ access to the OCIPUG RBBS private telephone line
- ✓ eligibility for monthly raffle at General Meeting
- ✓ free copies of software and publications

If you would like to become an OCIPUG member please call 714/843-2048 and request an application for membership, or write: **OCIPUG, PO Box 6100-211, Costa Mesa, CA 92628-6100.**

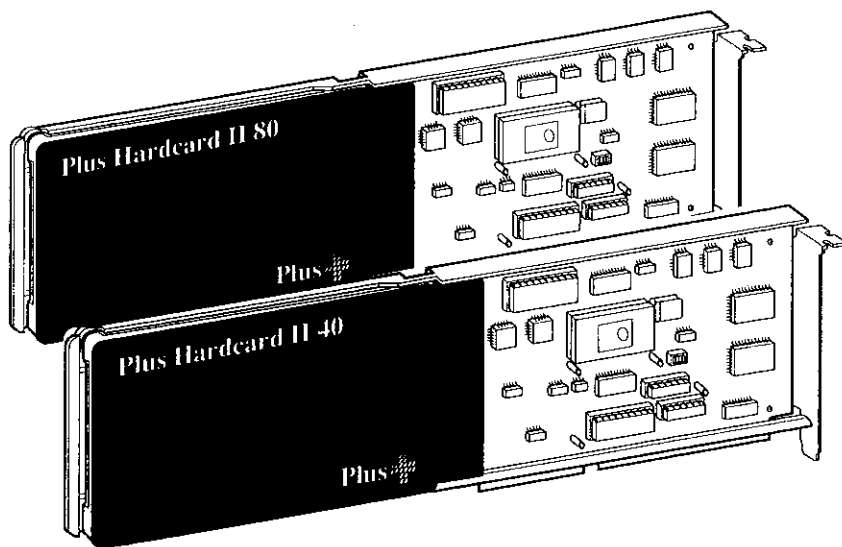
OCIPUG SIG GUIDE camera ready copy produced with: *Microsoft Windows, Aldus PageMaker 3.0, SoftCraft Spinfont, & PC Paintbrush Plus for Windows* using an *HP LaserJet Series II* with Pacific Data Product's *PacificPage* PostScript-compatible cartridge. Graphics illustrations by Richard Villa & David Carroll.

SIG Committee Chairman: Thurman Wade - 714/846-6067

Keeper of the Calendar: Richard Villa - 714/841-6991

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Membership number must be provided at time of order.*

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HOW TO MAKE A MILLION WITH YOUR COMPUTER!



By Dan Hanson, Greater Cleveland PC Users Group

We have all seen the ads hidden away in the back of magazines: **Make money with your computer - No experience necessary!** Sounds pretty good. After all, you laid out a large chunk of cash for your computer and it is about time that it started paying you back with more than just the incredibly nimble fingers that you have developed from playing Tetris.

Unfortunately, the listing of 1001 ideas For Earning Money With Your PC is a few ideas too short. Do they really expect you to rent time on your computer to small businesses? Would you invite the neighborhood kids in to play Qubert at a quarter a throw? No way! Personally, I would not let anyone under the age of 21 near my hard disk. Let them drink, vote and fight in wars, but keep them away from my batch files. Do not despair, however. I have found the way to become rich beyond your wildest dreams. And you do not have to marry a heavyweight boxer either. The secret lies in one little word: **UPGRADES.**

Yes, Upgrades are the way to incredible wealth. Forget no money down real estate. It is too much work. All that you have to do is to

release a software package. Be sure to call it version 1.0. Then wait a few months. Let all those smart people buy it mail order and save a few hundred dollars. Do not worry, you will get their money later. Eventually, you fix some of the bugs that existed in your product and add a few features that should have been included originally. Send out letters to all of your loyal suckers (er, users) and grant them the privilege of upgrading to Version 1.1 for a mere \$35 plus tax, postage and handling. Call it an even \$45. Everyone will want to upgrade so as to be current with the newest version and the money will roll in. You can repeat this process a few more times and collect a tidy sum. Isn't this easy? And you did not need creative financing or a government loan at all. Now comes the big jackpot. Announce that your product will be upgraded to such an extent that the users will be ignorant fools if they continue to use the product which you claimed was fantastic last week. In order to collect the really big bucks, remember to name this Version 2.0. Feel free to charge \$150 for this major release.

The process can be repeated up through version 6. After that,

bundle your product with a \$39 utility, give it a new name, and start at 1.0 again. Prepare to spend most of your time commiserating with Donald Trump about the high price of hotels. If you are particularly greedy or really need to buy that new yacht, there is one more tip I can offer. Entice your cash cow users with a Developers' or Professional Edition. Make sure that you need 4 meg to run it in, so that the snob effect will take over. Charge an extra \$395 for the elite version and make sure to include one essential feature that should be in the standard edition but is not.

Wasn't that easy? If you use the above advice, then please send a (sizeable) donation to me here at the club. (Hey, I just had another idea...) See you at Giovanni's!

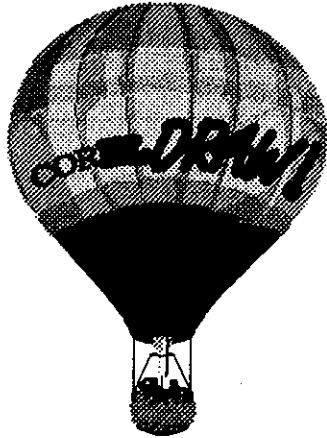
(NOTE: The above article has nothing to do with the fact that the author has been besieged with upgrade offers in the last month. In reality he is happy to pay \$127 for Ventura Publisher 2.0 and \$175 for dBASE IV and \$100 for Turbo Pascal and

REVIEW A PRODUCT!

If you would like to write a review on a specific product, or any product within a broad range, just get in touch with the Editor. We are looking for reviews on any product that we think would be of interest to our members: software, hardware, books, training aids, etc.



SOFTWARE REVIEW COREL DRAW 1.1



By Rich Olson, PC News & Reviews, Newsletter of the Pacific Northwest PC Users Group

COREL DRAW is one of the finest pieces of illustration software available for the PC. Like many of the better graphical applications, it runs under windows. The minimum requirements are a 80286 processor, 3 megabytes of hard disk space, and at least 640K of memory. COREL DRAW has a superb user interface. Using only the nine on-screen icons you have almost total manipulation of any text or graphic. The less used functions are accessible via the pull down menus. COREL only displays the outlines of objects, this is to keep screen updates from taking forever. However it does have a preview option that updates automatically as you work. You may zoom in and out of the preview screen to look at specific areas in more detail. The preview feature will not display postscript fills. Graphic and text manipulation is very easy with COREL. All you have to do is select the arrow icon and click on any text or graphic. Then you may enlarge, shrink, stretch, skew, or rotate that object to any angle. When doing any of the previous, there is no loss of resolution. COREL DRAW has an excellent text creation feature. Instead of typing the text directly

onto the screen, you create and modify it in a window. This solves many speed and editing problems. You can pick from one of 102 different fonts, all of which can be scaled to almost any size. When filling an object you have many different options. You can select any Pantone color, a postscript pattern (printable only on postscript devices, or to a .EPS file), or a fountain fill. There are two different types of fountain fills, linear and radial. When using the free-hand drawing tool with COREL DRAW, you have the option to have your drawings smoothed. This helps compensate for any roughness in your drawing. The edit node feature allows you to modify individual characters, edit specific lines, and manipulate ellipses, and rectangles. Edit node also allows you to join and break apart lines. When importing bit-mapped files, COREL DRAW gives you the option of tracing them. Tracing bit-mapped files lets you smooth out any graininess, and gives you the ability to manipulate them as you would any other graphic. COREL DRAW has the unique ability to fit text to any path. It only requires selecting the text and the path, and then choosing the fit text to path option. You can even fit a text to another text! You can still modify text after it has been fit to a path. COREL DRAW includes a very large library of clipart from 12 different vendors. Most of the clipart is of very high quality. However most of it is of little value, it consists of things like pencils, and glasses of iced tea, which are of little value to most people. You probably wouldn't want to install the clipart on your hard disk, because it takes up a total of around 7 megabytes of precious space. COREL's excellent text manipulation, abilities, and powerful user interface make it one of the best illustration packages around.

DID YOU KNOW.....?

- ...Moving paper in your dot matrix printer while printing (for example adjusting margins, etc.) can damage pins in the printhead.
- ...Winding labels backwards through your printer can cause one to come off and become lodged in the printer. To remove it you may have to disassemble your printer.
- ...If a hard drive Read/Write head comes in contact with just a spec of dust while running, it is equivalent to running over a rock 8 inches in diameter with your car tire.
- ...Moving your computer without parking the hard drive can cause damage to your drive. Also when transporting your computer, put an old disk in the floppy drive to keep the heads from touching.
- ...Typing DIR *. will list all files without extensions, and will also include directories.
- ...The pins or wires that create the dots on your 24 pin dot matrix printer are so small and fragile they can be bent if paper is pulled from the platen while printing.
- ...Your hard disk should be re-formatted if you change its position (i.e., from horizontal to vertical).
- ...To conserve your printer ribbons, always shut off your printer when not in use. Also use quality ribbons, else you will have to replace the print head more often.
- ...Having hard copies of your AUTOEXEC.BAT, CONFIG.SYS, and your AT setup will come in handy if (when) your system crashes and you need to start from scratch.
- ...Instead of using *.* just using a . will get the same results.
- ...BACKUP BACKUP BACKUP - It's the thing to do!



Advertise your business or service with a business card ad. Contact Harv Haight, Advertising Manager for information.

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Wanted: House bound individual living near Huntington Beach, who is a computer expert to tutor and/or reboot or restart a PC for a busy exec who can come to you with his 386 Portable IBM clone. Write short note to P.O. Box 5233, Garden Grove, CA 92645

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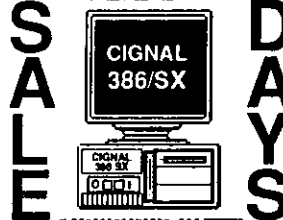
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PFS Professional Write 2.1	139.95
Panasonic 1124 (LQ 2 Yr. Warr)	284.95



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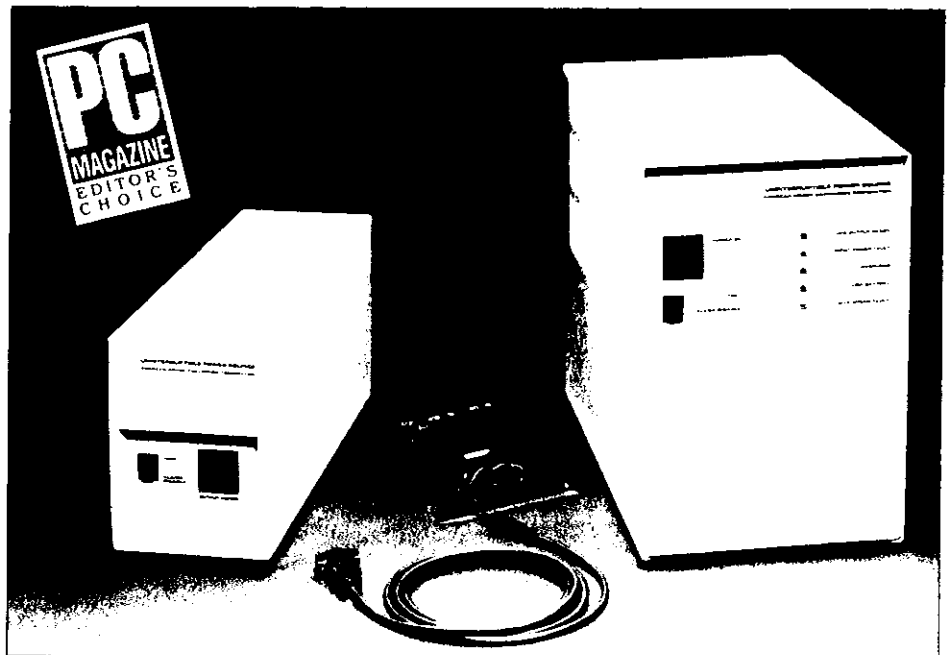


9 AM - 6 PM MON-FRI..... 10 TO 6 SAT

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SUMMARY DRAFT OF MINUTES OF FEBRUARY BOARD OF DIRECTORS MEETING

AS SUBMITTED BY NEIL CARMAN, SEC'Y.

The February, 1990 regular monthly meeting of the OCIPUG Board of Directors was held on Monday February 26, 1990 at St. Andrews Presbyterian Church. The President presided and the Secretary was present. The Board Meeting convened at 7:02 Pm.

BOARD MEMBERS PRESENT

John Goodman, Pres.	Dave Carroll
Neil Carman	Toni Massoth
Stephen Burnside	Robin Clark
Terry Currier	Harv Haight
Sunny Lockie	Jim Petit
Bonnie Ulanovsky	Richard Villa

BOARD MEMBERS ABSENT

Paul Curtis, Past Pres.

MEMBERS AND GUESTS

Joe Farber	Dan Likins
Robert Ottke	Stan Sabin
Arthur Saltzman	Michael Springer
Tom Stolp	

Harv Haight moved to approve the December Board Minutes with corrections.

Motion Passed.

Dave Carroll move to approve the January Board Minutes with corrections.

Motion Passed.

Neil Carman moved to hear the reports as the next items of business.

Motion Passed.

REPORTS

Toni Massoth presented the Treasurer's Report. The current cash balance is \$7,177.71. Terry Currier moved to accept Treasurer's report.

Motion Passed.

Tony Massoth presented a preliminary budget projection. John Goodman asked for help in completing the budget. Please inform Toni Massoth of any adjustments or additions to the budget.

MEMBERSHIP

Robin Clark presented a detailed membership report. The report projects an average loss of 13 members per month. Robin polled several members who were not renewing their membership. She found at least two dominant reasons. OCIPUG has lost its personal touch. People don't know how OCIPUG relates to their lives. Robin suggested that we initiate a PR campaign and urged all members to show more interest in new and prospective members. A lengthy discussion on how to retain members and gain new members followed.

SPECIAL REPORT BY ARTHUR SALTZMAN

Arthur is proposing a marketing survey of the membership for research purposes. The survey would be on disk and would be anonymous. OCIPUG's membership mailing list will be safeguarded from non-OCIPUG access. Intel has promised to help support the effort if other companies will also help sponsor the project. OCIPUG could learn more about our members, demographics, purchasing habits, computer use, computing needs etc.

SPECIAL REPORT ON CALIF. NON-PROFIT CORPORATION

Tom Stolp presented a detailed printed report on California Non-Profit Corporations, A Summary and Guideline for the officers and Directors of OCIPUG. Two sections not included in the report are Record-keeping for the Corporation and Fund Raising for the Corporation which will be uploaded to the BBS. John Goodman urged board members to study the report and ask Tom Stolp any questions which might arise.

Richard Villa moved to approve SIG leaders and Gurus:

Dan Jacobs, Investors SIG Leader

Joe Farber, Investors SIG Guru

Milt Miller, Hardware SIG Leader

Bob Basaraba, Hardware SIG Guru

Dick Barker, DataEase SIG Leader

There was a general consensus to suspend the rules to allow Richard Villa to make the following additions:

Cyrus Ashari, DOS and Language SIG Leader
Steve Burnside, Ventura/Corel Draw SIG Leader
Stan Sabin, Genealogy SIG Leader
Motion Passed.

RESOLUTION RE SIG SPACE LEASE RENEWAL

Joe Farber, Chairman Facilities Committee, presented several reasons for renewal of the SIG lease. Richard Villa moved that the Board recommend to the membership that OCIPUG exercise the option to renew the SIG space lease for one year.

Motion passed unanimously.

Toni Massoth will prepare a financial impact statement and a short article for README.DOC.

NEW BUSINESS

Robin Clark moved that OCIPUG spend \$25.00 to renew its membership in APCUG.

Motion passed unanimously.

Richard Villa moved that we spend up to \$75.00 to purchase a handtruck for transportation of equipment to and from the SIG space. Stephen Burnside moved to table the motion indefinitely. Motion to table passed.

Arthur Saltzman returned to clarify some of the points of his proposed market research project. Richard Villa moved to affirm OCIPUG's intention to support the research project proposed by Arthur Saltzman.

Motion passed unanimously.

The meeting adjourned at 9:58 Pm.

(Editor's note: The above minutes do not become official or certified until adopted by the Board at their next Board Meeting.)

SIG Space Lease up for Membership Ratification

Toni Massoth

At the general meeting on March 31, 1990 the membership will vote to decide whether or not to take the one year option to renew the lease on the SIG space. In order to allow you to make an informed decision the following should be known:

- 1) The lease is a one year lease from May 15, 1989 to May 14, 1990 with three one year renewal options.
- 2) The current rent is \$720.00 per month (due the first of each month).
- 3) There is a cost of living increase clause which allows for a maximum 7% rent increase per year. At this time we have not been notified that there will be any rent increase however, since the cost of living index increased approximately 5% last year, we expect the rent to increase to about \$755.00 per month. The maximum possible increase would be to \$770.40 per month.
- 4) We have prepaid the last month's rent of \$720.00.
- 5) If we choose to terminate the lease, our written notification must be received by the landlord by April 15, 1990 however, to use the last month's prepaid rent, this decision must be made prior to the April 1, 1990 rent check being written.

THE MEMBERSHIP COMMITTEE NEEDS A FEW GOOD PEOPLE!

Want to meet new people? Form lasting relationships? Lick stamps and envelopes half the night? The Membership Committee needs you! Several jobs are now open, and the pay is good job satisfaction and lots of new friends. If you have a couple of hours a month to give to OCIPUG, then call Robin Clark at 786-7880.

Welcome new members	Jean Cody Kevin Criswell Jim Dobbs Dick Goodman	Tom Gottler Barry Holland Jim Kirkpatrick Don Krueger	Berenice Maltby Christine Modrow Jim Olson Dino Panicacci	Doug Pearce Jack Singer Amy Steed Keith Williams
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Memberships expiring in March	Cliff Adkins David Allman Reinhard Arnold William Binckes Gerald Bretts Thanh Bui Stephen Burnside Yates Catlin Steven Christ Gregory Cimmarrusti Michael Cox	Paul Curtis Susan D'Antuono Edward Dalton Phyllis Daugherty Shirley England Edward Fitch John Forgy Bruce Gilliland Arturo Gomez William Gowens Thomas Herbert	Doug Hockett Tom Kimberly Robert Klein Taoward Lee Chris Lloyd George Margolin Wes McKane Ed Middleton Joyce Nansel Roger Noorthoek Don Norton	Douglas Nowlin Charlie Oostdyk Robert Plance Charles Reince Harold Sarkissian Edward Scott Michael Siersema Robert Smith John Squirell Walter Srebnik E. Thomas Suter	William Swann Joe Velasquez Donna Walker Ronald Weimer Richard Wells Roger West Plug White Reid Whitsett Lou Wynants
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Memberships expiring in April	Marlyn Andrews Larry Bailey Jack Bentley Charles Bilderback Chamkaur Brar ROC Burrell Patricia Butler Alistaire Callender Victor Camfield Jack Charron Dolores Collins Arthur Davis Michael Earls Albert Ellenbogen Richard Ewins	Paul Frech Bette Garren Kathleen Garrison Louis Giberson Dave Gueldner John Hamaker Carl Held Joseph Holtz Harold Howarth Robert Jahncke Norene Jamesley Hugo Johnson Don Jordan Ron Kain Richard Kenyon	Sheila Kessler David Kodama Todd LaPlante Evelyn Langford Ben LeGare Judith Lesar Dan Likins Allen Lowe Ramon Lugo Eileen Maag Benny Mallory Alan Mayer Donald Mikami Heinz Moeller Gary Nelson	Donald Nickles Robert Noble Jack Olson Elizabeth Palmer Dave Patterson Diane Perry Jack Plotner Mary Plotner Donald Pousha Thomas Randolph Dale Robinson Dave Robinson John Ryder Gordon Savage Frank Sdringola	Hal Smith Yvette Snell Stuart Stark Hugh Stevenson Ali Tehrani William Thomassen Don Tunnell Richard Villa Michael Wilson Herbert Wolfson Anita Wyrzatsch
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OCIPUG December, 1989 thru FEBRUARY, 1990 FINANCIAL REPORT

Toni Massoth, Treasurer

	Unrestricted Funds	Tim Smith Fund
OCIPUG December, 1989 - February, 1990 Changes in Cash:		
Cash Balance November 30, 1989	\$ 9,916.45	\$ 4,242.42
CASH RECEIPTS:		
Advertising	153.00	
Interest Income	15.87	
Library Shareware Sales	0.00	
Membership Dues-New (38/3 family)	1,503.00	
Membership Dues-Renewal (94/5 family)	3,609.00	
Returned Check	<36.00>	
Returned Check Charge	<3.00>	
Total Cash Receipts:	5,241.87	
CASH DISBURSEMENTS:		
Equipment Repair (hard drive)	150.00	
Furniture & fixtures-60 chairs SIG space	600.00	
Leasehold Improvements	980.00	
Meeting-Board of Directors	14.04	
Meeting-General	575.00	
Postage-Newsletter	425.00	
Postage-Other	76.28	
Printing-Newsletter	2,397.26	
Printing-Membership	186.00	
Rent-SIG Space	2,160.00	
Supplies-Newsletter	17.96	
Supplies-Other	199.78	
Telephone	198.53	
Total Cash Disbursements	7,980.61	
NET CHANGE IN CASH BALANCE	<2,738.74>	
CASH BALANCE, FEBRUARY 28, 1990	\$7,177.71	\$ 4,242.42

1990 OCIPUG Board of Directors

OFFICERS		
President	John Goodman	895-3195
Vice President	David Carroll	775-3130
Secretary	Neil Carman	964-1901
Treasurer	Toni Massoth	642-1633
Past President	Paul Curtis	774-1827

DIRECTORS

Steve Burnside	1990	758-8957
Robin Clark	1990	786-7880
Terry Currier	1991	774-2018
Harv Haight	1991	546-0820
Sunny Lockie	1991	644-0103
Jim Petit	1991	841-3699
Richard Villa	1990	841-6991
Bonnie Ulanovsky	1990	646-5230

NEWSLETTER STAFF

Publisher	Stephen Burnside	758-8957
Editor	Jean Stevens	644-1017
Production	Steve Burnside	758-8957
SIG Guide Editor	Richard Villa	841-6991

People and Numbers to Know

Membership	Robin Clark	786-7880
SIG Chairman	Thurman Wade	846-6067
Program Chmn.	Dave Carroll	775-3130
Librarian	Bonnie Ulanovsky	646-5230
Bulletin Board	Robert Ottke	759-1515

Remote Electronic Bulletin Boards

Orange Coast IBM-PC User Group:

Public Line (1200/2400)	843-0388
Members only (1200/2400)	843-9248
WellSpring (1200/2400/9600)	856-7996
Software Exchange (1200/2400)	552-3515
The End Of The Line (1200/2400)	645-6581
AST Research (1200/2400)	852-1872
Ninja's Palace (300/1200/2400)	557-5038

OCIPUG Information & Message Line
714-843-2048

Future OCIPUG General Meeting Dates 1990

Our General Meetings are held on the last Saturday of each month except when there is a conflict with a major holiday (asterisked months in list below).

March 31

June 30

September 29

April 28

July 28

October 27

May 19

August 25

November 17

OCIPUG Business Sponsorship Program

Advanced Computer Products
Santa Ana (714) 558-8813

Prodigy™ Services Company
Irvine (714) 852-4438

AST Research, Inc.
Irvine (714) 863-1333

Quick Technology Corporation
Irvine (714) 660-4948

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Westminster (714) 841-4994

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Tustin (714) 730-5000

PCR Personal Computer Rentals
Huntington Beach (714) 843-9262

Western Digital Corporation
Irvine (714) 863-0102

The Orange Coast IBM PC User Group thanks these companies
for their sponsorship. Their support enables us to better serve our members.

If you or your company would like more information on this program
please call Harv Haight at 714-546-0820.

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