



A Monthly Journal of the Orange Coast IBM PC User Group

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**General Meeting, March 18, 1989 at 9:00 AM  
 Orange Coast College-Science Lecture Hall**

**Shareware Software  
 Jim Button Presents PC-File:dB  
 Fourth Anniversary Birthday Party**

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**GENERAL INFORMATION**

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Articles may be submitted via modem to the OCIPUG BBS, on paper or on an IBM format diskette (5-1/4" 360k format preferred). We will accept them in any of several formats, although we strongly prefer pure ASCII files. Other acceptable formats include Microsoft Word, Multimate, WordPerfect and Wordstar. Submissions on paper should be double-spaced and typed. All items submitted for publication are subject to editing.

**DEADLINE**

Articles and advertising must be received by the twentieth (20th) of the month prior to date of publication.

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Members are allowed to place an advertisement for personal items in the *README.DOC* newsletter at no cost. There will be a limit to the amount of advertising placed in the newsletter. All submissions will be placed on a first come, first served basis.

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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, March 18, 1989 at 9:00 AM Orange Coast College-Science Lecture Hall

## Shareware Software Jim Button Presents PC-File:dB Fourth Anniversary Birthday Party

*Dave Lorenzini*

### SHAREWARE

Shareware has always been a popular topic at OCIPUG. One of our first "organizational" meetings took place in May 1985 at Sperry Training Center in Irvine, CA. Francis Gates brought his entire collection of PC SIG software disks for everyone to review. That meeting demonstrated the value of legalized sharing of public domain software, and it had a strong influence on those early members to build the user group.

Bonnie Ulanovsky, OCIPUG Librarian, was also impressed with the value of user-supported software, and started building her personal collection to several thousand disks. Bonnie has recently begun the Shareware SIG, and it is already one of the most popular SIGs we have.

### BUTTONWARE

This month Bonnie has arranged for Jim Button make a presentation to our general membership. Jim is one of the pioneers of the shareware concept and has contributed much to the software community. He is CEO of

ButtonWare, and served as Chairman of the newly formed Association of Shareware Professionals (ASP). With over 500,000 users and \$2 million in annual sales, Buttonware is one of the largest shareware companies in the world.

Mr. Button will share his insight into shareware software and programming, as well as show us the latest version of his database manager PC-File:dB.

### ARCHIVING

Also on the March program will be a review of other popular shareware software. Dr. John Goodman, OCIPUG Director, will present the latest in archiving and unarchiving software, and clear up the confusion between ARC, PAK, and ZIP formats.

### AUTOMENU

Learn how to automate your batch files with AUTOMENU. This grand daddy of menu management software has been very popular with our members. Dave Lorenzini, OCIPUG Director, will present a short overview of the latest version released in November 1989, and answer your questions on how to get up and

running quickly.

### COMMUNICATIONS

Being able to access the BBS is important to obtaining more public domain and shareware software. If we have time, we will show you how to set up script files in PROCOMM or PRODIGY to automate your log on sequence.

### LIBRARY

For the new members, Bonnie Ulanovsky will explain how to get the most out of your navigating library disks.

### PARTY

Finally, in honor of our 4th anniversary, we will recognize our earliest members. Everyone with a membership number up to 100 will be introduced, after which there will be a birthday party for everyone in attendance.

Remember, March 18 is the 3rd Saturday of the month. See you there.



## PRESIDENT'S MESSAGE

*Paul Curtis*

Four years ago this month, the few people who gathered at Technology Room 114 for what they thought was going to be a computer club meeting, were greeted by a note from the leader indicating he didn't have time for this sort of thing. The people who met there, were on their own. Kevin Neubert volunteered to take over if he could get some help from those present. What you see today would not have been possible if it had not been for the perserverance and leadership of those in attendance at that meeting.

It was three years ago this month that Richard Villa invited me to come to a meeting of an IBM PC User Group that he had heard about or seen a flyer on. We didn't know what to expect and so came on a lark. As with most of us, the first person I met at the door was Tom Sutro who, at the time, was the membership chairman, the newsletter editor, the badge maker, the school liaison, ad infinitum.

My initial thought was that if all of the members were like Tom this would be a good place to be. I paid my membership fee for the first year and went in to see what was happening. This was the first meeting at the new location - the Chemistry Lecture Hall, right next door to where we now meet.

At the time, the room seemed large and as I recall was about half full for this first meeting. The discussion was about Windows, which just thrilled Richard Villa, because that is his forte.

I have learned a lot about a lot of things during my association with OCIPUG. It has been a rich and rewarding experience and it brings something to mind that we all need to put forth an effort to remember.

We all started out not knowing

very much about computer systems. Many of us have advanced our skill level well beyond that of a sophisticated user. The problem is that we tend to forget that there are people in our midst who have joined with us in this journey of learning and feel absolutely lost because of the jargon we use and the assumptions we make about fundamental skill levels.

On behalf of all of the new members/new users, let's put forth an effort to make sure we don't leave others behind when we discuss the technology of the day. I do not mean to suggest that we should not use jargon or speak in technical terms - we should. We just need to be certain in our communication that it is being received in the same frame that it was sent.

We still have not found suitable space to rent for a headquarters/meeting facility as of this writing. If anyone knows of such a space please, please call me or Tom Sutro so we can act on it.

We are now printing the Membership Application Form/Random Access Questionnaire/Suggestion Form in the back of the newsletter. I thank JOHN GOODMAN and NEIL CARMAN for their efforts in this regard. We have done this to make it more convenient for members to share the opportunities of membership with others and as a means of distributing the random access form. Please feel free to make as many photocopies of these forms as you need and pass them along to others. Consider this our contribution to the concept of shareware: **there is only a fee if you join and you may make as many copies as you like.**

The real purpose of our club is to share information with each other. I would like to point out that there are a number of people in the club who do much more than just share or exchange information. They are the people who work

mostly behind the scene to ensure that things happen the way they are supposed to. As you probably know, it takes a lot of work each month just to get the general meeting to run smoothly. It takes board meetings to decide what to do and how to go about doing it. It takes SIG meetings to get the information out to the members and it takes a newsletter, a telephone hotline and a BBS system just to allow members to stay in touch and keep current.

Some of the people who do volunteer work for the club do so as practically a full time labor of love. Some of these volunteers need help badly in order to relieve the burden of deadlines and manual labor involved in completing an assignment. There are many talented people in our organization and we need your help in the worst way for the large variety of jobs that need to be done each month. If you have the time, are interested, and are willing to share with others, let one of the board members know so we can help you get involved.

We have the privilege and benefit of having some of the finest program presentations in the country and without exception the speakers go away in awe of how well the meetings are organized and run. I constantly hear with a tone of amazement about the quality of the newsletter. People have come up to me from the industry and wanted to know how much we pay our newsletter staff. When I tell them how much we pay they really get excited.

In order to keep all of this going we need your help. No matter how small or insignificant the job may seem to you or to anyone else, it is important and needs to be done. Please help us maintain the quality of our organization by volunteering to **SHARE IT WITH OTHERS!**



# General Meeting Report

## MIDI, TaxView and Steve Gibson

*Steve Riddle*

Paul Curtis opened the meeting and made a few brief announcements concerning the club.

We listened to a little of the background music on the Midi (Musical Instrument Digital Interface) from Rick Huyett, Product Planning Manager with Yamaha Music Corporation. His company is very much involved in Midi Systems. He described what's in their product line and detailed their C1 286 based laptop computer. All the MIDI ports are already built into this DOS compatible computer.

Then John McEnery, who teaches MIDI music at Orange Coast College and is a very talented musician, demonstrated how easy it is to write music when interfaced with to a computer. Different musical instrument sounds can be duplicated with the MIDI. By varying the pitch, different notes and mixing different tempos, he was able to do compose background music using 4 different tracks. Using the newly composed music as background music, he played his digital guitar along with it. If the beat was a little off between tracks, he could change it while he was playing. Members were very impressed by the capabilities of MIDI.

Joe Poshek, his associate, also teaches the MIDI class with John. With the assistance of the computer, he is able to write and score music with programs such as CAKEWALK. The best printer for printing music is a Laser Postscript Printer.

Bonnie Ulanovsky informed us about a Norton Products demo

disk that is in the Library. It is further described later in this issue. The Shareware SIG would be meeting on March 11th, 1989 and the topic would be directory management.

Paul Curtis read a letter sent to us from Susan Anderson, user group representative, from Microsoft. The letter complimented us on how well organized we were for the Bill Gates speech. She would like to duplicate our club organization in other parts of the country, and thanked us for all our efforts.

Paul Curtis announced that the WordPerfect SIG would be meeting in the Chemistry building, as the MIDI Concert was going to be held in the Science Hall right after the General Meeting.

The club has recently purchased two wireless microphones to help during the programs.

Neil Carman asked for volunteers to help staff the booths at the upcoming Computer Swap meets. If you would like to help contact Neil for more details.

Dave Carroll is looking for volunteers to help with the Modem and New Users SIG's. Contact Dave if you can be of assistance.

Dave Lorenzini announced that JIM BUTTON would be the speaker at the March General Meeting. The topic would be Shareware.

Steve Gibson spoke to us next about purchasing a Midi and what stores offer the equipment. Also, he will do an article in "Infoworld" on the topic. He stated that back in the late 60's when he was at Stanford's Artificial

Intelligence Lab, his friend Andy Moore had developed a program that could sample the music. It would then write the music for each individual instrument that was being used. Andy now works for George Lucas, probably making EWOKS in his spare time.

He also spoke about his friend Allan Kay, who had a vision in the early 70's of a computer which would be small, lite, and portable. His vision of a computer as a machine with complete user friendliness, that could be operated without complex commands. A visionary ahead of his time.

For the last presentation, Richard Villa introduced Brian Towers of SoftView Inc., to demonstrate the TAXVIEW program. The program runs under the Microsoft Windows environment. TaxView assists individuals in preparing their Federal and State Income Tax Forms. In fact, this program will print a 1040 form which has been approved for submittal to the IRS.

Dan Likens ran the raffle prize program. Please see inset for winners of the February drawing.

The meeting adjourned at 12:10PM. Afterwards, a small Midi concert was presented using some original music written just for this program. All of those in attendance were treated to an excellent performance.

Be sure and attend the March 18th General Meeting.

### February Raffle Prize Winners

	Prize	Donated By
Dean Allison	TaxView	Softview
James Piperata	TaxView	Softview
Sherry Locke	Portfolio	Toshiba
John Coffman	1989 Calendar	Microsoft
Ross Jennings	Book	Ashton-Tate
Dayton Barnes	Book	Ashton-Tate
Thomas Moses	Desqview	Quarterdeck
Kevin Eagle	Educat. Game	ACP

## NEC's Brilliant Creation of the Multisync, and 800 by 600 Resolution Graphics

During the past few issues we've taken a detailed look at the evolution of IBM compatible display systems, focussing almost exclusively upon the multitude of standards which have first been set then soon superseded by IBM. We've seen that the various display adapters have always been "tightly coupled" to their display monitors, and have frequently employed fancy "kludge" solutions (like conditional inverting of synchronization signal polarities) when necessary to maintain backward compatibility to the multitude of prior standards.

Amid the wilderness created by the resulting incredible array of vertical and horizontal scan rates, a solid alternative to the eternal IBM lock-step frenzy has arisen. Originally conceived by Nippon Electric Corporation (NEC) as an answer to just this problem, the so-called "multi-synchronous" display monitors are now selling in the hundreds of thousands for a very good reason.

In what could only be called a truly astounding leap of insight, the designers at NEC integrated the past and predicted the future when they invented their original NEC Multisync, a single unified display monitor solution for all adapter technologies past, present, and future. Rather than following IBM with yet another tightly coupled clone display monitor, NEC invented a single monitor which quietly displayed anything it might be handed by the system's display adapter. By accepting an unheard of range of vertical and horizontal synchronization frequencies, as well as both digital and analog RGB intensity signals, the NEC Multisync became virtually obsolescence-proof.

While IBM was busily requiring

all of its EGA owners to completely scrap their "yesterday's solution" EGA monitors which would no longer be compatible with the VGA of today (and tomorrow?) and purchase the all new VGA displays, proud Multisync owners only needed to change their monitor's cable then flip a couple of switches at the rear of their displays. That's what I call truly brilliant engineering!

Of course it wasn't long until everyone else recognized NEC's brilliance and began cloning multisynchronous monitors like mad. Today's mail order ads are drenched in "generic multisynch-ness" because it's simply the right way to go.

However, there's something else which makes multisyncing the right solution, and after extensive experimentation and comparison it has become an **INFINITELY CRITICAL COMPONENTS** of Steve's Dream Machine: Support of the wonderful 800 x 600 pixel super high resolution modes which are now available from all state-of-the-art EGA and VGA display adapters.

Many of you will remember that Steve's Dream Machine and I have been holding onto monochrome display technology for dear life... looking to monitors such as the Wyse-700/Amdek-1280 and MDS Genius to provide the truly useful bit-mapped graphics resolution which is, and will be, required by today's and tomorrow's desktop publishing, MS Windows, and OS/2 Presentation Manager applications. Until many months of searching yielded the incredible, ultimate, adapter/monitor combination, I didn't believe that a color system could really deliver "truly useful" (and in fact wonderful) high resolution bit mapped displays. It can. Next week I'll tell you about the results of my quest, but first we need a bit more foundation...

It turns out that truly useful bitmapped resolution requires

stepping above even the VGA's new 640 by 480 resolution up to 800 by 600. By cranking the horizontal sync up to 35,100 and sneaking the vertical refresh just a tad below 60 hertz to about 56, any solid multisynchronous monitor can readily display 600 lines of 800 full color pixels per line.

There's something magical about the difference between 640 by 350, 640 by 480, and 800 by 600. It's a staggering difference. The prior two resolutions simply pale by comparison to 800 by 600. Trying to understand why things get so incredibly better as the resolutions are increased, I've decided that it's because the total pixel count increases with the **PRODUCT** of the horizontal and vertical resolutions. This is a powerful relationship. For example, on a screen with square resolution, the total pixel count would increase with the **SQUARE** of the screen's edge resolution, so a **DOUBLING** of edge resolution produces a **QUADRUPLE** of the total pixel count. Consequently the standard EGA resolution of 640 by 350 contains only 46% of the pixel count of 800 by 600, and even the VGA offers only 64%. 800 by 600 resolution delivers 156% of the VGA's pixel count.

So at this juncture we must leave IBM in the dust. Only enhanced EGA and VGA adapters are able to generate 800 by 600 pixels, and only multisynchronous displays can lock onto the extreme synchronization frequencies required for the delivery of this stunning and readily available resolution.

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# Librarians Corner

*Bonnie Ulanovsky*

This is Shareware month at OCIPUG and we, who have been involved with the planning, are excited. We are greatly pleased to be able to host Jim Button at the March general meeting and Nat Martino at the Shareware SIG.

Mr. Button is one of the founders of the Shareware marketing concept. He will give a personal presentation of his latest upgrade to the famous PC-File series, PC-File:dB. This article will deal exclusively with features of PC-File:dB. It is a major program that you will no doubt want to see in action.

PC-File:dB is an indexed, relational general purpose database management program that is easy even for the novice, and yet gives you much of the power of complicated and very expensive database managers. In fact, it has some features not found in database managers costing many times more. The user interface is menu driven and allows full screen input. There is context sensitive help with pop-up help screens. There are 7 levels of password protection available to the user. There is macro definition capability with "capture" mode. That is: keystrokes may be memorized when Alt Y toggle is pressed. A menu appears showing

the current hotkeys (macros) so you may identify each the new macro. Each database may have up to 22 hot keys using the number keys 0-9, the ten function keys, the hyphen and equal key. Up to 70 databases may be open simultaneously. It can exchange data with Microsoft Word, Excel, WordPerfect, Lotus 1-2-3, and ButtonWare's PC-Calc+ among others. LAN capability is built in. It has its own editor and a free standing mailing label program. You may create form letters and merge with addresses from your database. PC-File:dB can do common arithmetic calculation and date calculations.

It is compatible with dBASE III PLUS. Your dBASE files can be used directly with PC-File:dB and PC-File:dB databases can be used by dBASE. In addition, the program can maintain a database of 1 billion records. That should take care of most of our requirements rather handily. This version permits indexing, a great time saver, when you have a large database. Index files are used to arrange records in the order you specify. For example by ZIP code, if it is a mailing list, or by last name or city for a customer database. In the case of your home inventory database which you maintain for insurance purposes, you may want to index your

belongings by room, by category, and by value. It's the same data, but the index will determine how the information is arranged. Your database may have up to 10 index files.

With a database manager, you are the boss. We have numerous special purpose databases in the library and most of you have tried at least one or two. With PC-File:dB, you can design your own databases and change them as your needs change. You are not locked into someone else's idea of what is right for you. The tough part is typing in all the data, which has to be done anyway. But you'll do it only once, and be able to view the same information in many different ways.

Later on you may want to add more fields or create subsets of an existing database. PC-File:dB lets you use the cloning operation to define a new database, it will copy the data from the current database to the new one. You may change the length of the data fields, add new data fields and you may modify your entry screen if you have already designed one. Entry screens are fun to design and adding data is more interesting when an entry screen is used. Anyway it is for me.

Now for a some straight facts. Field types are character, numeric (those on which calculations may be performed), logical, date and memo. Please note that the memo fields are searchable...a boon to librarians. Data in memo fields are stored in 500 character blocks. Program and data may reside on a RAM disk.

Here are some maximum program capacities: Field length is 254 characters except memo fields which are 5000. Fields per database is 70. Record length 4000 characters, except memo fields.

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Watch for the next ACP Swap Meet coming soon.

Number of sort control fields is 10 (each sort). Number of subtotal fields in a report is 52. Calculated fields in a database is 70. Relational fields in a database is 70.

Search types are: wildcard, sounds-like, generic, scan across, query by example and search using expressions. Searches are case independent with an option for case dependent. Sorts and indexes are case independent with an option of case dependent.

The sort capabilities are impressive. It can sort on up to ten of any of the fields at one time. Sorts may be mixed ascending or descending. Sorts can be on any portion of a field, scientific notation numbers, Roman numerals, in random sequence, in sounds-like sequence and results of calculations.

There are many options for creating reports. I will mention only two. Boolean logic may be used for record selection. IF, ELSE and ENDIF is allowed in report commands.

Graphs and charts may be used to summarize data with multiple variables. CGA, EGA, VGA and Hercules cards are supported. Although any printer supported by DOS is supported in PCF:dB, graphics output is to Epson, IBM, Okidata, and Laserjet printers.

*continued on next page*

# Member Spotlight

## Jerry De Ainza

*by Richard Villa*

Keeping our club's debits and credits in check is Jerry De Ainza, elected as Treasurer to OCIPUG last year.

Jerry is a Certified Public Accountant and has had his own business, since receiving his C.P.A. license in 1975. He lives and works out of his home in Irvine. His wife Nancy, although he calls her "Sugar", is the manager of the Fountain Valley branch of Home Savings of America. They have no children. Jerry devotes much of his business to working on corporate and personal tax returns, so I'm sure he will have his hands full through April 15th.

Jerry is a native Californian, born in Los Angeles, having graduated from Loyola High and California State University Northridge in 1973 with a Bachelor's in Accounting. Jerry worked for Arthur Anderson before opening his own business. Jerry joined the Air Force in 1967, repairing and programming Q-7 vacuum tube computers, which were housed in a building 1 block square and 4 stories high! While in

the Air Force, he was stationed at Mruphy's Dome, which is above the Arctic Circle in Alaska.

Jerry gave up the vacuum tube computer and now uses an EVEREX 386 computer, running Lotus 1-2-3 and Volkswriter 3. He has recently acquired an QMS PS Jet Plus laser printer to make his tax preparation easier.

In his spare time, you might find Jerry playing tennis at the John Wayne Tennis Club. He has been an avid water skier since he was 5 years old. Jerry's hobbies include coin collecting.

Jerry joined OCIPUG in August of 1986 as member # 296. He was introduced to the club by Richard Sabin while attending a computer swap meet. Jerry was persuaded by Walt Drew to join in and be a candidate for OCIPUG Treasurer this past fall election.

As treasurer, he has been working to finalize the club's incorporation, and with his knowledge of accounting, tax laws and valued input, he has been an asset to the Board of Directors and club. It does take people from all skill levels and backgrounds to make a volunteer organization work.

We thank Jerry for all the hard work he has done for OCIPUG. Take a few moments the next time you see Jerry and thank him for the great job he has done as Treasurer.

We look forward to his continued service to the club in the future.

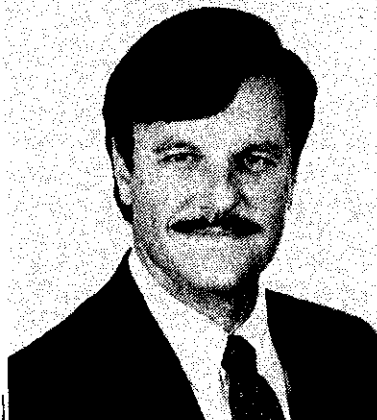


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You may select horizontal bar charts, vertical bar charts, pie charts, line charts and scatter charts, smoothed averages (10 levels of smoothing), logarithmic scale option, stacked line and bar charts and regression analysis (least squares fit).

System requirements: 1 hard disk and a 5.25 or 3.5 inch floppy drive, 416K RAM, at least 1 megabyte of available disk storage, DOS 2.0 or higher (network file sharing feature will require DOS 3.1 or later). System must be very IBM or PC/2 compatible.

You should see PC-File:dB, you owe it to yourself! My registered copy was a Christmas present from me to me...One of the nicer things I've done for myself. Remember, we meet on March 18. The last Saturday is Easter weekend so we are meeting the previous Saturday. See you then.

**Support Your Shareware Authors**

## SPECIAL ADDITION TO CLUB LIBRARY

NORTON PRODUCTS GUIDE (copyright 1988, PNCI) has been made available to OCIPUG members by J.J. Schoch, leader of the team which developed it at Peter Norton Computing, Inc.

At our general meeting last February "JJ", chief of technical services at Norton, put on a presentation which covered all Norton products. This disk addresses the features of those products. It contains a self extracting program which unpacks an informational database created using Norton Guides. Color or black and white may be selected.

Presentation may be toggled to full screen or half screen. Menu categories are listed across the top of the screen. Navigation through the menu is done with cursor keys in the usual manner. The main menu screen lists an index of

filenames for Norton Utilities, version 4.5, standard and advanced editions. A one line description states the purpose of each utility.

A light bar may be moved down to the desired subject, or the subject may be selected by a search feature. A touch of the enter key expands the information in detail on that subject. An up-down scale on the right hand border identifies those subjects which are continued on to the next screen and indicates how far along in the document one is. Sub-menu selections at the top of the screen lead to related topics.

Pull down menus from the main menu afford access to detailed explanations of every command in each of the Norton products: UTILITIES, GUIDES, COMMANDER, and EDITOR. This section also contains complete definitions of every DOS command, Batch File command and Config.sys command. DEBUG and EDLIN are not covered.

The Message pull down menu takes one to specific information on every message in DOS, in the four Norton products, and in BIOS Boot up. A separate section deals with all CHKDSK messages.

A Library pull down menu leads one through common problems and

step by step diagnostic procedures. It also contains a tersely defined glossary of 126 data storage terms useful as a general reference, and necessary in order to exploit the features of Norton Utilities.

A final pull down menu brings one to tables of information of a highly technical nature dealing with the way data is stored on disks. A fund of information is available here at the fingertip of one curious about things which go on inside the machine that are not visible on the screen.

This disk provides more complete Help than the Norton product context sensitive help screens. It can serve as a tutor on Norton products. It is a great source of information on data storage problems and data storage in general. This informational database is recorded in ASCII format. Printed out, each file comprises a short essay or a detailed instruction for use of a utility. A minor inconvenience was noted: use of the escape key to return to the main menu from some sub-menus drops the user into DOS.



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# SIG Reports

## SHAREWARE SIG

Perhaps memory of the last SHAREWARE SIG meeting at which thirty some souls were crammed uncomfortably into the ACP training room prompted Dan Likins to organize a crew of volunteers to move furniture before the meeting began. Equipment and tables were moved out of the room. Additional chairs were moved in and arranged so that 36 could sit in comfort with a good view of the screen. Twelve showed up for the meeting. Such is the unpredictability of human nature!

While the computer and projector were being set up the SIG leader, Bonnie Ulanovsky, opened the meeting with a brief explanation of shareware. She indicated that in addition to the library the bulletin board was an excellent source. An important aspect of this SIG is participation by members in demonstrating shareware programs. Today's meeting featured demonstrations of two programs by SIG members.

Bonnie spoke briefly about the legal background affecting certain archiving programs and introduced Terry Currier to lead off with a demonstration of file archiving methods. Effective use of the bulletin board demands familiarity with archiving procedures. Many users employ the technique to save space in hard disk storage.

Terry demonstrated how Phil Katz's PKSFx unpacked itself into its several files, and explained what was in each file. He projected the resulting DOC file on the screen to illustrate his talk and then demonstrated the use of PKUNPAK and its parameters as it proceeded to un-archive a file. He then explained the reverse procedure using PKPAK. Terry

then demonstrated how a different program, NARC, could be used to read archived files on the hoof, so to speak. He briefly touched on ARCMaster and ARCE. Bonnie closed the first half of the session with a quick review of how to examine and extract archived files from a newly acquired library disk.

After the break Dan Likins demonstrated the shareware utility, Command Editor usually referred to as CED, by Chris Dunford. CED is one utility which Dan will not do without.

At its most basic, CED is a DOS command line editor which frees the user of the function key limitations imposed by the DOS editor. Thus one can navigate back and forth through a lengthy PATH using editing methods common to text editors. It is much, much more. Dan demonstrated how it could recall a series of previously issued DOS commands for re-entry. Command synonyms may be created with CED and commands may be chained in series. A record of commands is retained in a command "stack", or circular buffer, which can be traversed with cursor keys, executed or edited.

He demonstrated its parameter recall, or "Pcall" feature which permits a recall and edit of previously issued commands involving files in sub-directories and those with switches. CED allows assignment of brief synonyms to substitute for lengthy DOS commands, "bb" to stand for "C:\MODEM\PROCOMM", for instance. CED does not create substitutes for two letter DOS commands, but it is a real labor saver for those faced with the tedious limitations of the DOS editing commands or those who just wade in and retype a long DOS command line. It is a TSR utility which occupies only 8K of

RAM. It is lightning fast. And it is EASY to learn to use.

Dan is an excellent impromptu speaker, but he wanted to be sure he covered all bases. He enhanced his presentation by using Vern Bueg's LIST program to view CED's Table of Contents and documentation on the screen as he stepped through his demonstration. We got a shot of two shareware classics at once.

Copies were made of CED on user supplied disks so that each person could have the program to explore further on his own. Twelve happy people adjourned somewhere around 12:30.

## WORD SIG

*Harold Howarth*

The Microsoft Word SIG met February 27th at Architectural Resources. Before starting our planned program, we spent considerable time on RANDOM ACCESS, covering a variety of subjects including, the imminent release of WORD 5.0.

Dave Lorenzini then demonstrated how, using a mouse makes editing, formatting and navigating through a document much easier and faster. That was pretty impressive.

Next, we signed on to the Microsoft Roundtable on GENIE and checked out the knowledge base. We even made a few queries and then refined them to make them more specific. The answers we saw were pretty interesting.

The Word SIG's March 27th meeting will also be held at Architectural Resources and we expect to have a copy of WORD 5.0 to explore at that meeting.

## WORDPERFECT SIG

*Don Wilgus*

The meeting was started with plans and the agenda for the next few months. Next month (March 18th) the Word Perfect SIG will meet for the last time in the Science Hall. Future meetings are scheduled for the second Monday of the month from 7 to 10 pm. The location is TBD but most likely at Advanced Computer Products.

There is a request for volunteers to share the SIG effort. (Everyone is asked to do their byte). Volunteers will receive, while the supply lasts, handsome leather notebooks with gold trim and transparent calculators donated by the Word Perfect. Also discussed the possibility and subject matter of the next class.

So far two have been held, a macro class and a printer/graphics

class. The classes are held on consecutive Saturday mornings. Please note that Word Perfect is discounting their software to college students.

The Word Perfect SIG will have various modules (Plan Perfect, Data Perfect, etc!) to be checked out, tried and returned. Also VCR Word Perfect instructional tapes will be available through Jim Pieratt or Bonnie Ulanovsky.

Some very good news, the new Library editor will edit WP5 macros (allowing functions like block and cut, print). There is a Macro book (by Gordon McComb "Word Perfect 5.0 Macros and Templates", Bantam) available from Price Club for \$21 which includes a disk.

The technical portion of the meeting was a discussion of the Right Writer program by Jim Pieratt and a discussion of

keyboard macros by Toward Lee. The Right Writer program performs an automated critique of ones writing. It uses Rudolf Flesh's "Readability Index" to calibrate the text. It does not correct, as one member pointed out, bad English. It can be useful for reducing the scholastic level reading requirement for the text. But it could be rather depressing that a machine informs one of writing passively, I guess.

## SPREADSHEET SIG

*Neil Carman*

Attendance at the February meeting was sparse, only six members were present. The presenters for the meeting were also absent and the meeting evolved into a two hour random access session. All who attended had a chance to find out

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everything they wanted to know about spreadsheets but were afraid to ask.

Art Gill will demonstrate the Lotus add in "SOS" at the March meeting and Don Laborde will demonstrate another Lotus Addin, "Tactics".

The April meeting will wind up our look at add ins with a presentation by Robert Keeler of PC Publishing. Mr. Keeler will demonstrate "Impress", a WYSIWYG spreadsheet publishing addin for Lotus 123. This add in enables Lotus users to print spreadsheets that look as IMPRESSive as desktop publishing output. PC Publishing is offering Impress at a substantial discount to OCIPUG members.

The May meeting will be on Microsoft Excel. Some lucky attendee will win a copy of Excel. Check the BBS or the telephone message center because we may move the meeting to accommodate the overflow.

## INVESTORS' SIG

*Gregory J Cimmarrusti*

The February meeting was quite informative. We had a demonstration of Wall Street Micro's product "The Ultra II". The Ultra II is an exceptional stock charting software package, with a communications module to link up with Warner Computer Systems, Dow Jones News/Retrieval or Compuserve Databases.

This easy-to-use software enables you to draw charts on your screen (dividing the screen into large or smaller sections) and perform technical analysis using more than a dozen of the best technical indicators. These include all basic moving averages, volume indicators, momentum, stochastic, trendlines, MACD, Rate-Of-Change, and Wilder's Relative Strength as well as many other indicators. Also included is a

profit testing module which allows you to see the number of points from the buy to the sell position and the maximum number of points moved at a buy or sell, this module enables you to determine if an indicator with a with particular set of parameters would have been profitable. The price is \$65.00 plus \$5 shipping, contact Greg Cimmarrusti at 714 559-8939 for more info.

In March, we will discuss the merits of using moving averages to determine the optimum buy and sell signals for stocks and indexes. This should prove to be an educational experience for both expert and novice alike.

Hope to see you there.

## SHAREWARE SIG MEETING

**MARCH 11th, 1989  
OCC CHEMISTRY 207.**

The OCIPUG SHAREWARE SIG will meet at Orange Coast College on Saturday, March 11 at 10:00 AM in the CHEMISTRY BUILDING, ROOM 207. We will have as out guest, Nat Martino, author of DIRECTORY SCANNER, a disk/directory manager and DOS shell.

DIR SCANNER (aka DS) has some excellent features, not just the speed it reads your disk, and the things that you expect in a DOS shell, but the program also allows you to customize it to fit your needs for super fast access to subdirectories and files. You can forget about cursoring one line at a time.

Option keys are available for copying, deleting, moving, renaming, tagging, untagging, finding, executing and doing many other functions on files. Users with color displays may select colors for foreground and background. EGA 43 line mode is

supported as is PS/2 MCGA and VGA 50 line mode.

The user may link in their favorite editor to the program so that they may "point and shoot" at a file and be able to edit it with their desired editor. Additionally, the user's favorite "lister" or "browse" program is linked into the program to enable point and shoot listing of the desired file.

A macro facility is supported which enables the user to specify repetitive commands which can be activated with the Alt, Shift, or Control Function Key sequence. It allows specification of special key sequences such as "%F" (current indicated file) and "%T" (currently tagged files) to be included in the macro.

Get your own registered copy for a special price of \$15.00 directly from the author.

Bill Phillips will tell us about the new Norton Products Guide Demo. More accurately, its a menu driven database of technical information that every user of any Norton product should have in his/her library. Come see this demonstration for yourself.

**THIS IS SHAREWARE AT ITS  
BEST  
EXCELLENT AND  
AFFORDABLE.**



# Technical Corner

## Peter Norton Does It Yet Again

*John M. Goodman, Ph.D.*

Ours is a weird and wonderful industry. Where else could you have technology that changes significantly every year (as we certainly do) and yet have a major company announce a new product over two years before the first shipment of a retail copy? Remember Microsoft and Windows? Lotus and Version 3 of 1-2-3 is looking more and more like it will be another one.

This is so common we even have a term for it: VAPORWARE.

Some people don't do business that way. Peter Norton is one. He is constantly improving his products, but he waits till a new version is ready, then tells us about it. I like that—a lot.

I first encountered the Norton Utilities several years and several versions ago. I had heard how he started, using his knowledge of CP/M to guide him as he dug into PC-DOS and learned enough to make the first unerase program for IBM PCs. I was not surprised to see that he had added to that tool a number of others and put the whole lot of them into a nice package, but I was impressed by how well he had done it. I thought it was pretty slick, in fact.

Then I saw my first glimpse of Version 3.0 of the Norton Utilities. That *really* impressed me.

I had spent a lot of my time worrying about communication and user interfaces for programs and museum exhibits, etc. so I thought I had a pretty good notion of what one should and should not do and I thought that the Norton Utilities had done it about as right as could be.

Then I saw Version 4.0. Wow!

Not only had Peter Norton added a whole pastel of additional useful functions to his tool kit, he had completely redone the user interface, but in a very clever way. If you already knew how to use his tools, the new interface would not get in your way, but it did make everything a lot more pleasant. If you had never met the Norton Utilities before, the new interface made things much easier than would have been the case if you first tried using the earlier version.

Each of these rewrites deserved to have the version number raised to the next full integer.

When I first heard that Norton was coming out with a Version 4.5 I thought that this meant merely a minor tweak on the very fine Version 4.0 product. That surely is what any other company would have meant by it.

Since I had been so impressed with his earlier work, I was eager to see what he would have added this time around. Once again I was delighted and stunned.

The latest version of the Norton Utilities deserves, in my opinion, another whole new version number. They could just as well have called it version 5.0. It is that much better than version 4.0. It is better in that it adds important new functions and better in that they have done the seemingly impossible and improved what was already state of the art in user interfaces still more.

Incidentally, since Version 4 the Norton Utilities have been available in two "grades", the Regular and the Advanced Editions. The Advanced Edition costs a bit more, but it offers some very important added features, so much so that I cannot recommend the Regular Edition even to

non-power users.

"Ok, I got it. You like Norton's newest," you may be saying. "So tell me some substantive things about the new version." All right, I shall.

There are too many new programs and improvements in old ones for me to tell you all that has changed. In this review I shall focus on three new programs just added in Version 4.5 and that I was particularly impressed by. Two of them extend previous functions in important ways and the third does something wholly new.

For some time now the Norton Utilities have included two functions, ASK and BEEP, that can be used to create rather sophisticated menus out of otherwise ordinary batch files. I have done this for myself and for some of my clients. It takes only moments to do and the results are quite satisfying. That is, they are satisfying until you play with something like the newest Norton Utilities and then get to wishing that your menus could look as spiffy as his. That is exactly what the new BE (Batch Enhancer) program allows you to do! It has many sub-functions including ASK and BEEP but it also allows you to clear the screen, set screen colors, draw boxes and windows, position the cursor, draw text, etc. Just what you need to get really snazzy effects using only his programs and a simple to understand, simple to write batch file. He includes BEDEMO.BAT and an associated BEDEMO.DAT to show you how.

I mentioned setting screen colors. We used to have Norton's SA (Screen Attributes) to do this. As I said, that function is now included in BE. The job it did, along with a host of other things, can also be done in a pleasant,

menu-driven manner by using another new program, NCC (the Norton Control Center). Do you want to control the size of your cursor, colors on the screen, speed of keyboard action (on an AT), palette colors (on an EGA or VGA), set the video mode without using the DOS MODE command? All these things can be done in a very friendly "point and shoot" style using NCC. You also can use it to check on or alter the setup of your communications ports, set the real-time clock in your AT or operate up to 4 stop watches. It is one powerful addition to the Norton tool chest.

These two programs are impressive, I think, but the real doozy in the lot is the Norton Disk Doctor.

Here Peter Norton and his gang of experts have tried, and to an amazing degree have succeeded in putting most all that they have learned over the years about helping us recover from minor and major disk disasters into one, super-easy to use program. You no longer have to be an expert on disks to fix one when it gets messed up. Just "call on the good doctor" and let him do the work. The details of all it can do are more than I can fit into this article; just know that it does a lot.

Careful now. I think it behooves you to know at least something about what is going on before you turn *any* program loose to mess with your valuable data. As just one example of why, let me give you a warning about this program.

Version 4.5 came out around Thanksgiving time last year. Early this year stories began to surface about NDD making bad things worse instead of better. They were true.

It seems that in some special cases, where rather strange disk partitioning schemes were being used on hard disks, the NDD program could get confused and recommend some inappropriate "solutions" to things that were

often not actually problems at all. NDD only recommends solutions; you have to authorize them, but if you don't understand what it is doing or proposing to do, you cannot intelligently exercise your power to authorize it or not.

Norton has come out with a fix to this problem, so if you get a copy of Version 4.5 now it will be ok. If you already have a copy, check the file dates. If the NDD program has a date in late 1988 you need the upgrade. If its file date is after the start of 1989 you are ok. If you do need the upgrade it is available to you free. Just call Peter Norton Computing in Santa Monica.

I said that I recommended that you know at least something of what is going on when NDD does its wonders. Once again, Peter did not let us down. When you get this latest version of his Utilities you get not one, not two, but three books. One tells you how to use the programs, as you would expect. Another teaches you all you need to know about disks. The third one, new with this edition, is a troubleshooting guide. Refer to it when problems arise or, better, read it before they happen so you can better recognize problems when they first show themselves and can feel reassured by strange things that are not really problems.

Thank you, Peter Norton and all your cohorts. You did a nice job!

## COASTLINE R. O. P. OFFERS TRAINING

*Harv Haight, PE*

Coastline Regional Occupation Program, one of 70 ROP's in California, provides for high school students, and for adults over sixteen, training in basic skills for local business and industry. A joint venture of five school districts, it is state-funded and has no tuition. With administrative offices at 1001 Presidio Square in Costa Mesa, CROP holds over 160 classes at business or industry sites, as well

as local high schools. Most classes emphasize preparation for entry-level jobs in many fields; after completing an ROP course successfully, a student may obtain help in job placement, or in some cases may obtain advanced placement at Golden West, Orange Coast, Irvine Valley, Saddleback, or Rancho Santiago Colleges.

Why should this concern OCIPUG members?

Many of the classes are related directly to member interests, as categorized by the SIG's: Computer Software Applications, Computerized Accounting, Word Processing, Computer-aided Drafting, and Computer Repair/Maintenance.

The following applies to the spring session, started late in January, which has almost 3000 enrollees.

Applications classes are given Monday through Friday during the day for two semesters (180 hours) at Edison, El Toro, Estancia, Irvine, Laguna Hills, Marina, Trabuco Hills, and Mission Viejo High Schools. Subjects include Lotus-2, WordPerfect-5, dBase III+, IBM Assistant, Newsroom Pro, Pagemaker, PFS File, Write and Report, Multimate, WordStar, and Visicalc. Which of these depends upon the equipment and software available to individual high schools. All except Trabuco Hills have IBM PC's or clones; some APPLE IIE's and MACINTOSH's are available at Estancia and Irvine; Trabuco Hills has MACINTOSH's and teaches MacPaint, MacDraw, Excel, Pagemaker, MicroSoft Works, and Filemaker Plus. Some schools make two separate 1-hour periods available each day.

Computerized Accounting classes, unlike Applications, are in sequence; both manual and computerized techniques (Lotus-123, Houghton Mifflin programs, TenKey trainer) are taught for up to two years, to cover all aspects of accounting. Classes

are at Edison, Laguna Hills, Mission Viejo, El Toro, and Woodbridge High Schools.

Word Processing classes for WordPerfect, Multimate, and WordStar on the IBM PC are given during the day, Monday through Friday, for two semesters (180 hours) at Corona del Mar, Costa Mesa, Edison, El Toro, Estancia, Foothill, Fountain Valley, Huntington Beach, Marina, Mission Viejo, Ocean View, and Woodbridge High Schools, as well as at FHP's Talbert classroom site in Fountain Valley. At Trabuco Hills High School, use of MacWrite and MicroSoft Word is taught on the MACINTOSH, and at Tustin (Lambert Annex), University, and Westminster High Schools, Multimate Advantage and WordPerfect are taught on IBM and WANG computers. Keyboarding skill of 35 WPM is recommended.

Supplementary classes for adults to upgrade existing skills in word processing are held for up to 90 hours (two classes each week) at Guin Foss High School in Santa Ana (WordPerfect 5.0), and at Edison High School in Huntington Beach (Multimate).

Computer-aided Drafting on IBM VERSACAD systems is taught both day and evening for two semesters (360 hours) at Estancia High School in Costa Mesa and during the day at Westminster High School. AUTOCAD training is available each weekday morning at Ocean View High School. These courses prepare for entry-level jobs, as well as for jobs requiring advanced training. High school drafting is a recommended prerequisite.

Computer Repair/Maintenance classes, like those for Accounting, are in sequence. In a one-semester (180 hours) class, three evenings a week at Trabuco Hills High School, training down to board-level repair is given for a field service technician on IBM PC, MACINTOSH, and PERTEC

computers (knowledge of basic electronics is a prerequisite). In a second one-semester (180 hours) class, three evenings a week at Trabuco Hills High School, in depth trouble-shooting, service, and repair of popular personal computers is taught to the individual board level.

## CROP EVENING COURSE IN LOTUS-123

*Harv Haight, PE*

One of the courses offered in the COASTLINE Regional Occupation Program, described in another article, is "Lotus 1-2-3 - Supplementary." This 90-hour no-tuition class has met from January 31, Tuesday and Thursday from 6:30PM to 9:30PM, at Edison High School, on Magnolia west of Adams in Huntington Beach. Its intent is to upgrade existing job skills with hands-on instruction covering features, functions, and applications of Lotus 1-2-3 Version 2, from basic to intermediate levels. Most of the 30+ enrollee's are young and older adults.

As an enrollee in this class, my impressions may help to evaluate the value of a typical CROP course.

The instructor, Nancy Nakakura, has a Master's degree in Education and is certificated in Designated Subjects for Vocational Education. She is the mother of three children in college; her husband Gene is an engineer at Hughes Aircraft in El Segundo. She works 40 hours a week at CROP in Costa Mesa as a computer services specialist. She's sharp and cares about her students.

The room at Edison in which the class is held has four rows of computers, primarily IBM PC's, most of which have CGA monitors (I have one of the few green monographic units). The 35

computers are connected in a local area network, with an PC-AT (80286) clone as a server. Three printers are available through the server. The student edition of LOTUS version 2 downloads from the server as a menu entry. The menu shows after the individual station is booted up and a password (PC-36 in my case) is entered. The boot-up disk contains MS-DOS 2.1. Each student has an individual color-coded work disk for holding .WKE files. The entire operation is relatively free from bugs.

During the first session or two, a formal textbook was not available. Nancy has now secured "The ABC's of 1-2-3 for Release 2," by Chris Gilbert and Laurie Williams - SYBEX 355-4 (1986). It lists at \$17.95; Nancy loans it to us for a \$14 deposit, or we buy it from her at \$14. After Chapter One, which explains ad nauseam basic-basic disk and load details, instructions step-by-step are well written, easy to follow, and quite accurate.

After high-schoolers, Nancy is amazed by how fast her students can master 1-2-3. At times she has one or two aides; except for a brief summary lesson, when she and the aides circulate, answering questions and getting students back on course.

My major problem is my desire to do homework on my own computer. The .WKE files produced by student Lotus bring up error messages on a full-fledged Version 2 Lotus.

A,B,C's or not, assignments are not easy and require a good deal of thought. A good training for new Lotus users.

Bottom line - this CROP course is worthwhile. I recommend it. It takes the push a good instructor to make you stay at it.



<b>We welcome the following New Members this month:</b>	<i>Gerald Bretts</i>	<i>Gary Liekness</i>	<i>Bob Wright</i>
	<i>Paul Delke</i>	<i>Steve Mac Donald</i>	
	<i>Margaret Goedeke</i>	<i>Joan Teston</i>	
	<i>Fred Hudson</i>	<i>David Van Deerlin</i>	
	<i>Katherine Kent</i>	<i>M. Lia Varner</i>	

<b>The following memberships expire in March:</b>	<i>Gregory Beutler</i>	<i>Donna Friebertshauser</i>	<i>Tom Kimberly</i>	<i>Don Norton</i>	<i>Oscar Taylor</i>
	<i>Thanh Bui</i>	<i>Juan Gallo</i>	<i>John Klose</i>	<i>Douglas Nowlin</i>	<i>John Turner</i>
	<i>Gregory Cimmarrusti</i>	<i>Gregory Garnier</i>	<i>Raymond Leybourne</i>	<i>Sumiye Onodera</i>	<i>Les Waverly</i>
	<i>Ruth Clausen</i>	<i>Keith Hawthorne</i>	<i>Charlie Lin</i>	<i>John Penn</i>	<i>Denese Wecker</i>
	<i>Debbie Crowley</i>	<i>Doug Hockett</i>	<i>Benjamin Lopez</i>	<i>Thomas Perdue</i>	<i>Ronald Weimer</i>
	<i>Lori Cushenberry</i>	<i>Bud Hughes</i>	<i>Kathleen Mamelli</i>	<i>Chris Pesavento</i>	<i>Richard Wells</i>
	<i>Susan D'Antuono</i>	<i>Loren Hunt</i>	<i>Michael Marois</i>	<i>Arnold Quevedo</i>	<i>Shirley White</i>
	<i>James Diefenbach</i>	<i>William Hutchings</i>	<i>Scott Mather</i>	<i>Charles Reince</i>	<i>Allan Whitfield</i>
	<i>Thomas Elder</i>	<i>Reta Hutchins</i>	<i>Wes McKane</i>	<i>Sandy Ryan</i>	<i>Carl Yost</i>
	<i>Glenn Emigh</i>	<i>Edward James</i>	<i>Shirley Miller</i>	<i>Kent Soughers</i>	
	<i>Jim Foster</i>	<i>Mark Johnson</i>	<i>John Moore</i>	<i>Frank Sutton</i>	
	<i>Everett Freywald</i>	<i>Nancy Kahn</i>	<i>Sig Nehring</i>	<i>James Sutton</i>	

<b>The following memberships expire in April:</b>	<i>David Acquah-Asare</i>	<i>Paul Frech</i>	<i>Ramon Lugo</i>	<i>Martin Power</i>	<i>Ron Wilson</i>
	<i>Daniel Bloom</i>	<i>Keith Gummere</i>	<i>Eileen Maag</i>	<i>Betty Pushckor</i>	<i>Herbert Wolfson</i>
	<i>Tom Carroll</i>	<i>Kim Jackson</i>	<i>James Mitchell</i>	<i>Dave Robinson</i>	<i>Tyrone Yizarri</i>
	<i>Harvey Chin</i>	<i>Norene Jamesley</i>	<i>Joe Nagy</i>	<i>Bob Slapin</i>	<i>Tom Ziencina</i>
	<i>Stan Cowen</i>	<i>Hugo Johnson</i>	<i>Harold Nemetz</i>	<i>Yvette Snell</i>	
	<i>Ralph Day</i>	<i>William Jones</i>	<i>Fred Noors</i>	<i>Stuart Stark</i>	
	<i>Noel Ellik</i>	<i>W. Mulford Knipe</i>	<i>George O'Nan</i>	<i>John Tengdin</i>	
	<i>Larry Erickson</i>	<i>Roy Koerner</i>	<i>Mike Pacholik</i>	<i>William Thomassen</i>	
	<i>Richard Evins</i>	<i>Jim Kreder</i>	<i>Jack Parry</i>	<i>Don Tunnell</i>	
	<i>Ed Fish</i>	<i>Dan Likins</i>	<i>Dave Patterson</i>	<i>Lee Vierra</i>	
	<i>Ron Fleming</i>	<i>Mark Lindholm</i>	<i>Daniel Peters</i>	<i>Robert Whitley</i>	

## OCIPUG Financial Report

*Jerry DeAinza, Treasurer*

### OCIPUG February, 1989 Changes in Cash:

	Unrestricted Funds	Tim Smith Fund
<b>Cash balance, January 31, 1989</b>	<b>\$13,984.30</b>	<b>3,830.05</b>
<b>Cash receipts</b>		
Membership dues	684.00	
Advertising		
Interest	57.95	15.87
Contributions, Tim Smith Fund		50.00
Library fees	272.67	
<b>Total Receipts</b>	<b>1,014.62</b>	
<b>Cash disbursements</b>		
Meeting expenses	254.82	
Printing	875.00	
Postage	175.00	
Equipment	423.80	
Telephone	167.35	
Supplies	53.82	
<b>Total Disbursements</b>	<b>1,949.79</b>	
<b>Cash balance, February 28, 1989</b>	<b>13,049.23</b>	<b>3,895.92</b>

## "Random Access" Question Form

At most OCIPUG General Meetings we have a portion of the time set aside for  
Questions and Answers. We call this our "Random Access" session.

Please mail it at least a week ahead, or turn it in at the membership table when you come to the meeting.  
Add additional pages as necessary. Questions not answered at meeting may be answered in the newsletter.

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

**Information on your Computer System:**

CPU (8088, 80286 or 80386): \_\_\_\_\_ Bus (ISA, MCA or EISA): \_\_\_\_\_

Operating System (DOS or OS/2, etc.): \_\_\_\_\_ Version: \_\_\_\_\_

Your Question: \_\_\_\_\_

\_\_\_\_\_

Other things you think we should know about your system: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

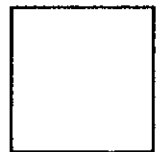
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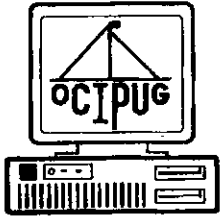
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**Orange Coast IBM-PC User Group  
P. O. Box 6100-211  
Costa Mesa, CA 92628**



# OCIPUG

Orange Coast IBM-PC User Group

## Membership Application

(For NEW and RENEWING members)

### Instructions

This form has been designed as a self-mailer. Simply remove this whole page carefully, attach your check for **\$36.00**, then fold the page in thirds, add postage and mail it. We are not asking a whole lot of questions, but we need you to answer each one we do ask.

New Member  or Renewal  Present Member Number: \_\_\_\_\_

Title (Mr./Mrs./Ms./Dr., etc.): \_\_\_\_\_

First Name: \_\_\_\_\_ Middle: \_\_\_\_\_ Last Name: \_\_\_\_\_

We can mail the newsletter, etc., to either your home or work address. Please fill in here the one you wish to have us use.

Address \_\_\_\_\_ Apartment or Unit Number: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

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

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

Home Telephone: ( ) \_\_\_\_\_ Work Telephone: ( ) \_\_\_\_\_

The above information will only be used internally for our membership functions, including mailing out the club newsletter. We may also publish a membership directory, but if we do you may be included in it or not, at your option.

You may list me in the Membership Directory: Yes \_\_\_ No \_\_\_ You may print my address: Yes \_\_\_ No \_\_\_  
You may list my work phone: Yes \_\_\_ No \_\_\_ and my home phone: Yes \_\_\_ No \_\_\_

Staple check here.

For Internal Use Only	
Treasurer	Membership
Amount Received: _____	Membership Number: _____
Check Number: _____	Renewal Date: _____
Date Received: _____	Date Received: _____
Treasurer: _____	Membership Chairman: _____

**1988-89 OCIPUG Board of Directors**

**OFFICERS**

President	Paul Curtis	774-1827
Vice President	Tom Sutro	850-0474
Secretary	Richard Sabin	968-3539
Treasurer	Jerry De Ainza	854-9557
Past President	Stan Sabin	968-7307

**DIRECTORS**

David Carroll	1989	775-3130
Neil Carman	1989	964-1901
Steve Dela	1989	775-8373
John Goodman	1990	895-3195
Dave Lorenzini	1989	852-8663
John Lunsford	1990	995-0947
Richard Villa	1990	213-439-8110
Bonnie Ulanovsky	1990	646-5230

**Newsletter Staff**

Publisher	Steven Dela	775-8373
Editor		
Technical Editor		
SIG Guide Editor	Richard Villa	213-439-8110

**People and Numbers to Know**

Programs	Dave Lorenzini	852-8663
Membership	Neil Carman	964-1901
SIG Coordinator	Dave Carroll	775-3130
Librarian	Bonnie Ulanovsky	646-5230
Bulletin Board	Richard Sabin	968-3539
Raffle Coordinator	Dan Likins	953-5663

**Remote Electronic Bulletin Boards**

Orange Coast IBM-PC User Group:

Public Line (1200/2400)	964-2034
Members only (1200/2400)	962-6216
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

<b>OCIPUG Information &amp; Message Line 898-7998</b>
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**Future OCIPUG General Meeting Dates (1989)**

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).

<b>January 28</b>	<b>February 25</b>	<b>March 18 *</b>
<b>April 29</b>	<b>May 20 *</b>	<b>June 24</b>
<b>July 29</b>	<b>August 26</b>	<b>September 30</b>
<b>October 28</b>	<b>November 18 *</b>	<b>December 16 *</b>

# *OCIPUG Business Sponsorship Program*

**Advanced Computer Products**  
Santa Ana (714) 558-8813

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

**Prodigy™ Services Company**  
Irvine (714) 852-4438

**Garden of Eden Computers**  
Westminster (714) 841-4994

**Toshiba America, Inc.**  
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 Steven Dela at 714-775-8373.

Orange Coast IBM PC User Group  
Post Office Box 6100-211  
Costa Mesa, California 92628

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