

Happy New Decade!

Welcome to the last decade of the century, and the beginning of the second decade of the personal computer. That's right! It has only been about ten years since the PC arrived on our desktops. From 64K ram machines with 5 or 10 Megabyte hard drives, that seemed like behemoths; to today's 640K+++ systems with hard drives up to 750 Megabytes has been a quantum leap. Seems as if everyday some manufacturer was coming out with the new "killer computer" which would "blow the doors off" of its competitors. And we all just had to have one or be left behind in the wake of the "Power Users" assault on the fastest spreadsheet recalc and best compile time.

Well, who knows what will happen in the next ten years? Will we all be using OS/2 at work to multitask and multiprocess or will OS/2 and DOS have gone the way of CPM. Or, will we all be telecommuting from home to work, or "Faxing" from the freeway to clients worldwide? Will we all have computers that are integral parts of our homes; computers that talk to us, schedule our lives, order the

groceries, diagnose the broken VCR and then call the repairman? Will the dream, for some, of a computer on every desktop, for every student, be realized? I hope none of this seems too fetched.

After all when we stop to consider how far we have come in the last ten years and how fast the pace has been in the last 2 or 3 years it is not unreasonable to think that the rate of innovation in hard and soft ware development will increase tenfold. Today computers are helping to design the chips that will be used to make the next generation of computers. It won't be long before the chips become so complex that only a computer will be able to "understand" what's going on inside of itself.

We don't know what lies ahead, but it sure looks as if we are in for some interesting times. We hope that OCIPUG will be there, at the end of the century and the start of the millennium, providing a forum for information and thought about the use of the computer; no matter what form that compute takes.

**General Meeting January 27, 1990 at
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.

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

The User Group does not intend to endorse, rate, or otherwise officially comment on products available, and readers are cautioned to rely on the opinions presented exclusively at their own risk.

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Created by:

Publisher Stephen C. Burnside
Editor Jean Stevens
SIG Guide Editor Richard Villa

Proofreading Jean Stevens

Production Steve Burnside
Steven Dela
Richard Villa
Rac Hark

Distribution Laura Dela
Mary Lou Kennedy
Gordon Lewin
Christine McDonald

Contributors

Robin Clark
Paul Curtis
Steven Gibson
John Goodman
Harv Haight
Rac Hark
John Lunsford
Bob Outke
Michael Springer
Jean Stevens

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ADVERTISING POLICY

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.

Commercial advertisements, from members and others, are also welcome. For information concerning advertising rates and requirements, contact:

Stephen Burnside (714) 758-8957 or write to Advertising Manager, OCIPUG, P. O. Box 6100-211, Costa Mesa, CA 92628.

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.

JANUARY GENERAL MEETING

The INTEL Family of Microprocessors



John Lunsford

Intel discusses its 80x86 Microprocessor family (including the 80486) and the ins and outs of memory expansion cards.

As the leader of the New Users SIG, I am asked endless variations of the following questions:

What is the significance of the different processors in IBM compatible PCs?

Why should I buy an 80286 instead of an 8088 based machine or an 80386 system?

What is the difference between Extended and Expanded Memory cards?

At January's General Meeting representatives of Intel's component and board level products divisions will be on hand to provide some direct answers to these questions. Intel is the company which developed and mass produced the 8088 microprocessor chip that the first IBM PCs and their clones were based on. It was the 8088 which set the mold (known in computer jargon as the system architecture) which would shape the future generations of PCs. A great many of the features and limitations of the 80286, 80386, and 80486 PCs are the direct results of decisions made in the design of the 8088.

Cliff Purkaiser from the Intel Component Division will discuss the evolution of the "80 Series" microprocessors. He will be talking about the

fundamental differences between the different processors as well as the advantages and drawbacks of each. This will give you a chance to compare directly the relative merits of the computers that use these different chips and get a good look at how much real performance you buy for their prices.

Cliff will round out his presentation with information about the new Intel 80486. The new PCs built around the 80486 are sufficiently powerful to be classed in the realm of minicomputers. They are fully capable of running several programs for several users all at the same time. This multi-tasking, multi-user capability allows them to easily handle the demands of such heavy duty operating systems as the venerable UNIX. And yet they still maintain compatibility with the software that was written for that very first IBM PC that hit the dealer's shelves in 1981.

Tim Dowing of Intel's Personal Computer Enhancement Operation (PECO) will give a broad-based discussion on computer memory expansion. He will be covering the kinds of memory available, how they work and the applications that support expanded memory. The PECO group is probably best known for its part in creating and introducing the Lotus/Intel/Microsoft Expanded Memory Specifications (LIM 3.2 and 4.0).

(See INTEL page 5)

DECEMBER RAFFLE WINNERS

WORKS 2.0

(Microsoft Corp. \$199.95)

- ☛ 15 Gregory Kishel
- ☛ 1173 Paul Crafton

FLIGHT SIMULATOR 4.0

(Microsoft Corp. \$49.95)

- ☛ 786 Dick Held
- ☛ 643 Kent Pierce

"Inside OS/2"

(Microsoft Corp. \$19.95)

- ☛ 569 Plug White
- ☛ 1045 ROC Burrell

LEARNING DOS 2.0

(Microsoft Corp. \$49.95)

- ☛ 1221 Tony de Witte
- ☛ 636 Ed Taylor

CHAMPION ACCOUNTING

(Jim Petit \$595.00)

- ☛ 887 Pat Mellino

Mystery Prize

(Dean Reinemann)

- ☛ 1063 John Gallie
- ☛ 1196 Farrell Eagle
- ☛ 642 Larry Cummings

MICROSOFT HI-RES MOUSE

(Microsoft Corp. \$150.00)

- ☛ 1075 Ramon Lugo

DacEasy Accounting

(Ben LeGare \$99.00)

- ☛ 1210 Betty Bierwirth

President's Message

A Personal Point of View

John M. Goodman

After my last column I got some feedback, that at least a few readers did not understand something important about it. I plan to use this column each month to express some *personal* opinions. I have a purpose in so doing which is, I feel, consistent with my responsibility as your President to provide leadership to OCIPUG.

I hope that by expressing my opinions, sometimes even controversial ones, I will stir some of you to think about things you had formerly not considered. After you do so, if you agree with me I will appreciate your support. If you disagree with me, I will appreciate hearing about that too. As we all discuss these ideas, we can reach consensus on what OCIPUG is about and what we ought to be doing.

This is *not* a report on what your Board of Directors has discussed or decided. There is another column, starting in this issue, for that.

As I write this column we are in the midst of the holiday season. This is the busiest shopping season of the year. Also a time for rest and recharging, as well as for fun and for serious reflection on profound issues. Jingle Bells, Peace on Earth, etc.

By the time you read this column we will all be in the midst of paying for what we enjoyed last month!

I also am beginning the process, with the help of the other Officers and Directors and of the Chairmen of various committees, of drafting a budget for OCIPUG for the coming year.

We too must pay for what we enjoy. Through careful planning we can make sure that OCIPUG will be

able to pay its bills as they come due.

Once we have drafted a tentative budget and the Board has discussed and adopted it we will be sharing it with all of you.

But in the meantime, maybe you have some ideas for things we really ought to be spending money on, and maybe you have ideas on ways in which we might generate more income.

For one example, should we own more computers, including perhaps some that any member could use at any time to try out sample copies of new software supplied by the manufacturer? How will we get these new computers? By gift or by purchase?

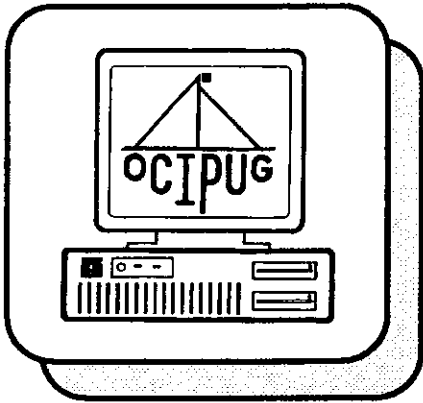
For another example, are there ways we could use our leased SIG meeting space more hours a month to benefit our members and/or to generate income? Should we be teaching classes? Charging people to attend them? Paying teachers? Or seeking others who may wish to operate classes there and pay us rent?

These are just a couple of topics some of you have already raised with me. I am sure there are many more ideas floating out there in your minds. We need to hear them. The sooner the better.

Call or write to me or any of the Board members and share your good ideas.

We will need all the wisdom we can muster collectively, to set wise goals and plans. Then we'll need your help, as volunteer workers, to make those plans come to pass.

I hope you all had a fine holiday season and now are ready to enter the new decade recharged and raring to go. I am.



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

	SUN	MON	TUE	WED	THU	FRI	SAT
J A N		OCIPUG Board Meeting 6:30 PM	Real Estate 8 AM	Investors	Modem		New Users 9 AM <hr/> DOS 1 PM
	28	29	30	31	1	2	3
F E B			Spreadsheet	Desktop Publishing	CAD/ Graphics		Shareware 10 AM <hr/> OS/2 1:15 PM
	4	5	6	7	8	9	10
R U A		WordPerfect	Database	Small Business	Networking		
	11	12	13	14	15	16	17
R Y			UNIX/ Software Dev. <hr/> BBS	Investors	Hardware		9AM - OCIPUG General Meeting O.C.C. Science Hall
	18	19	20	21	22	23	24
		MS Word OCIPUG Board Meeting 6:30 PM	Real Estate 8 AM <hr/> Personal Finance	Q & A			
	25	26	27	28			

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: Rich Sabin 714/968-3539

The topic for February will be general cleanup of the BBS, discuss the necessity to acquire an additional phone line and plan a work party date. 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 February meeting, we will discuss & demonstrate Autodesk Animator.

DATABASE**2ND TUE**SIG Leader: Bob Schmiedeke 714/536-1178
Contact Person: Kent Pierce 714/536-0271

This SIG discusses various database programs, specializing in dBASE. Topic at the February meeting will be topics on dBase III Plus & dBase IV.

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

This SIG covers all desktop publishing related topics in general during the first half, and specializes in Pagemaker & Ventura Publisher and other advanced topics in the last half. Topic for the February meeting will be low-cost PostScript printing alternatives.

DOS and LANGUAGES**1ST SAT**

SIG Leader needed. Call David Carroll at 714/775-3130 if interested.

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. Come to the February meeting with your questions.

HARDWARE**4TH THU**

SIG Leader needed. Call David Carroll at 714/775-3130 if interested.

Designated Guru: Paul Curtis 714/774-1827

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

INVESTORS**3RD WED**

SIG Leader: Gordon Savage 714/533-3986

Contact Person: Greg Cimmarrusti 714/559-8939

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. Check the HOT LINE for topic for February. Come and random access with us.

NETWORKING**3RD THU**SIG Leader: Jim Mansfield 714/751-2243
SIG Leader: Andy McGill 714/731-2951

Come and learn about the fastest growing segment in business computing. (CALL HOTLINE FOR LOCATION)

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 TWO in the cycle.

OS/2**2ND SAT**

SIG Leader: Dave Lorenzini 714/751-9262

New SIG. Come learn about what OS/2 is all about and what this new operating system can do for you.

IMPORTANT TELEPHONE NUMBERS

Public Bulletin Board (BBS) - 714/843-0388

HOT-LINE - FOR LATEST INFORMATION ON MEETINGS AND EVENTS - 714/843-2048

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 February meeting we will discuss Andrew Tobias Managing Your Money 6.0, learning initial setup, establishing accounts, and entering financial information.**

Q & A 4TH WED

SIG Leader: Tom Sutro 714/850-0474

Come and learn about this popular database and word processing program.

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. **Call the HOT-LINE for the topic for February.** 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 Sinar 714/645-7608

Check the HOT-LINE for this month's topic.

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. **Come with your questions to the February meeting.**

UNIX/SOFTWARE DEV. 3RD TUE

SIG Leader: Robin Clark 714/786-7880

SIG Leader: Mark Roberts 714/951-2193

This SIG covers, in an informal division, using the UNIX operating system and software development. **Check the HOT LINE for topic for February.**

WORD 4TH MON

SIG Leader: Winston Jewson 714/544-4330

Microsoft Contact: Dave Lorenzini 714/751-9262

Microsoft Word is a powerful and popular word processing package. **At the February meeting we will cover: Beginners - Drill on formatting documents, paragraphs, & characters; Intermediate - How to do/use outlining; Advanced - How to do style sheets (I).**

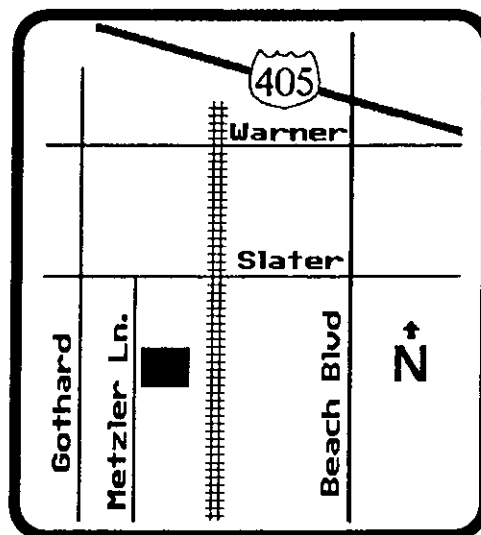
WORDPERFECT 2ND MON

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 both beginners and advanced users. **Bring your questions about the new WordPerfect 5.1 to the February meeting.**

SIG SPACE



17632 Metzler Lane, Suite 211
Huntington Beach

**GENERAL
MEETING**

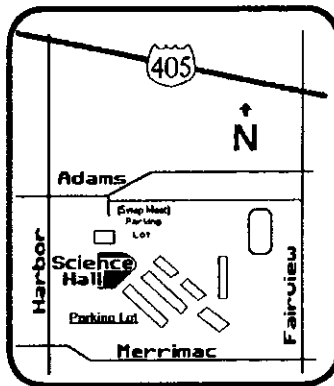
January 27th 1989 - 9:00 AM

Intel Family of Microprocessors

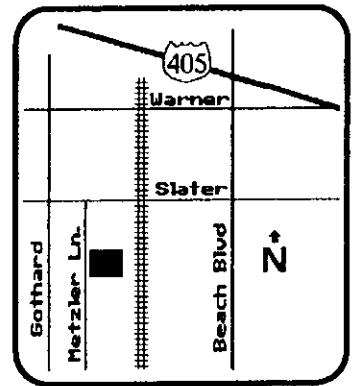
**80X86 Series of Processors, Cliff Purkaiser, Intel Corp.
LIM EMS Memory - by Tim Dowling, Intel PCEO**

**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.**

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SIG LEADERS: To update SIG information in this guide, please call 714/841-6991.

DECEMBER GENERAL MEETING

Harv Haight

Newly-elected OCIPUG President, John Goodman, opened this 58th General Meeting shortly after 9:00 AM on December 16. After introducing the new slate of club Officers and Directors, he formally announced that the new Board of Directors would meet on December 18 at 6:30 PM in the SIG space, and urged members to pass on comments and suggestions to Officers and Directors. He emphasized year-end contributions to the Tim Smith Memorial Fund. John also announced the new RBBS private phone number: 843-9248.

Dave Lorenzini introduced John Sage, from Microsoft's Entry Business Unit, present with two other Microsoft employees. Sage substituted for Brad Chase, absent because of illness, in presenting Microsoft WORKS for the PC, Version 2.0 and (after the break) Microsoft FLIGHT SIMULATOR Version 4.0. He proved to be an accomplished and stimulating speaker, to whom the audience responded enthusiastically.

Microsoft WORKS has been called the top low-end integrated package by PC World (April 1989). WORKS Version 2.0 combines a multi-featured word processor, a spreadsheet with business graphics, a database with reporting, a program for electronic communications, and text-sensitive help and training features. The program has features which mimic those of Microsoft WINDOWS very closely, but can operate very well on a 8086 or 8088 machine with 512 Kilobytes of RAM, equipped with a hard drive to house 1.2 Megabytes. By omitting the tutorial and thesaurus, a single 720-Kilobyte 3-1/2" disk can contain WORKS. It can use any common graphics adapter card and monitor, and supports over 200 different printers.

Sage was quick to point out that the word processor is not a substitute for desktop publishing (for instance, it does not support multiple columns), but it has a 100,000-word spelling

checker and a 30,000-keyword thesaurus, and shows text styles on-screen, with borders available for style or emphasis. It also allows editing or formatting mistakes to be corrected by an "Un-Do" command. In combination with the spreadsheet and database features, it can create form letters and mailing labels.

The spreadsheet function uses over 70 functions and operators for most business requirements. It supports 256 columns and 4096 rows, and creates graphs and charts of high quality. Unlike EXCEL or LOTUS-123 version 3.0, it cannot link spreadsheets. Sage said that the WORKS spreadsheet is for the individual or small businessman; the EXCEL spreadsheet is for his CPA.

Again, Sage characterized the database function as aimed primarily at the individual or small businessman; it can support 256 fields and 4,096 records, and can supply reports on customized business forms with statistical summaries. A noteworthy feature is the ability to sort three-deep (primary, secondary, tertiary) at one time.

The communications program has been improved least in this Version 2, according to Sage. While quite effective, it does not have some of the features of other recent programs. A useful feature, however, is an automatic phone dialer.

WORKS Version 2 has some surprises thrown in, such as a built-in calculator (shades of SIDEKICK), and an appointment manager with an alarm having a snooze option. Typical street price is \$99; upgrade from Version 1.05 bought six weeks or less ago is free, otherwise \$50.

Members had a lot of fun during the second part of the meeting. John Sage again used swift dialog to interact with the audience, this time during his demonstration of Microsoft FLIGHT SIMULATOR Version 4.0. The audience wholeheartedly judged Version 4.0 to be fantastic in its realism and detail.

New Vice-President Dave Carroll demonstrated LEISURE SUIT LARRY Version 3, VETTE, SOLITAIRE ROYAL, MAHJONG, TANK, and WELLTRIS - all well received.

John Goodman substituted for Steve Gibson in a Random Access session by answering individual questions formally submitted, and those directly from the audience.

The meeting ended with the raffle, which included copies of WORKS and FLIGHT SIMULATOR from Microsoft, as well as items donated by others. Winners are shown elsewhere.

At the end of the meeting, according to Dave Carroll, an estimated 75 to 100 members attended the club Christmas party at the SIG space - a highlight of this was FLIGHT SIMULATOR Version 4.0 on Dave's computer, using a special yoke to simulate actual cockpit operation.

COMPUTIMES by Rac Hark



"It's the FAA—they say next time stay out of their restricted airspace!"

POLYMORPHISM???

POLYMORPHISM is one of those gaudy post-doctoral Greek words which, when used aloud, is absolutely guaranteed to stop all conversation in the room, and to have everyone looking to see what you're carrying in your pocket protector and calculator holster. Not only is polymorphism a hard word to use socially, but the dictionary defines it simply as "many forms," which is hardly illuminating. However, since the industry's brightest gurus assure us that polymorphism is a critically important facet of object orientated systems, this week we'll explore this last aspect of object orientation. As with most of the terminology used to describe object oriented systems, a definition of polymorphism is immediately circular, so let's use an example to explain it:

Remember that an object is nothing more than a collection of program codes and data which is always treated as a self-contained unit. The executable codes contained within objects are known as the object's methods, since they're the methods the object uses upon itself, in response to messages received from the outside world. A CIRCLE object might, for example, have a pair of methods for drawing and un-drawing itself, called SHOW and HIDE respectively. Then, if the outside world were to send the CIRCLE object the SHOW (yourself) message, the object would

call upon its SHOW method to perform the requested service.

Now imagine that our little

"As with most of the terminology used to describe object oriented systems, a definition of polymorphism is immediately circular,"

graphics drawing system contains other objects called rectangle, square, text, and oval which each have their own method code inside themselves which is also named SHOW and HIDE. Since all of the objects have methods named SHOW and HIDE, every graphics object in our system is able to respond to the receipt of SHOW and HIDE messages. To clarify, each of the actual methods contained within each object would be different, since a different shape of object is going to be drawn or un-drawn in each case; however, standing outside this collection of objects, we only need to know that each object "knows" how to respond to the receipt of the SHOW and HIDE messages.

Now imagine that we want a completely general purpose method for dragging any of these graphic objects around the screen, in order to place it exactly where we want it. Dragging an object requires it first to be un-drawn, and then to be re-drawn in its new location. If the new re-draw follows the un-draw quickly, a smooth dragging motion will result, since the object will appear always to be on the screen. Once the object to be dragged is selected, its identity might be stored into a temporary "current object" variable.

Here is where the power of polymorphism comes into play. The dragging method operates simply by sending the HIDE message to the object whose identity is stored in the "current object" variable, then by sending it a SHOW message for the new location. The key polymorphic point is that the dragging method

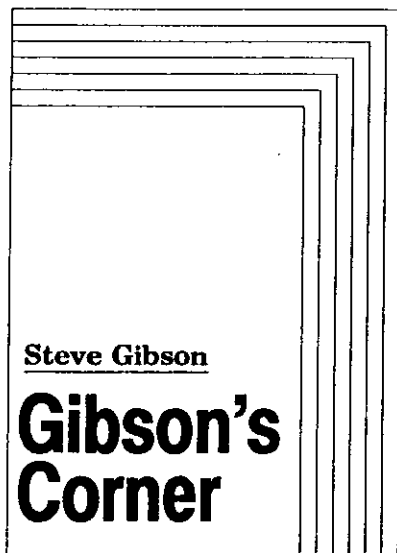
does not need to know, or care, anything about how to drag each of the different object types. It simply needs to know that the various objects are each able to respond to the SHOW and HIDE messages.

The power and elegance of this scheme comes into its own when the system must be extended. If we wanted, for example, to add a triangle shape to the system, we would simply write a set of triangle methods similar to the methods for the other objects including SHOW and HIDE. Then, due to the system's polymorphic nature, everything else in the system would inherently be able to interface with our new triangle object, just like that.

Remembering our recent discussions of early and late bound systems, it's significant that polymorphism depends upon a system which is bound together dynamically at run time. Since, from our example above, the system does not know which object the dragging method will be asked to drag, its binding to the particular object's methods must happen on-the-fly. Borland's Turbo Pascal 5.5 lets you create and bind objects and methods at either compile or run time. If you chose the compile time option, this precludes polymorphism. On the other hand, the program's ability to bind at compile time lets you have the object oriented syntax, without the performance penalties which Apple's and Microsoft's late-bound-only systems incur.

Over the past months, while exploring the technology of object oriented systems, we've delved quite deeply into the fundamental technologies of computer language implementation. While I'm quite sympathetic to the fact that this series of columns has been quite demanding, I'm completely convinced of the future impact which object orientation will have. I hope you'll have come away with some sense of what's going on.

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(INTEL continued)

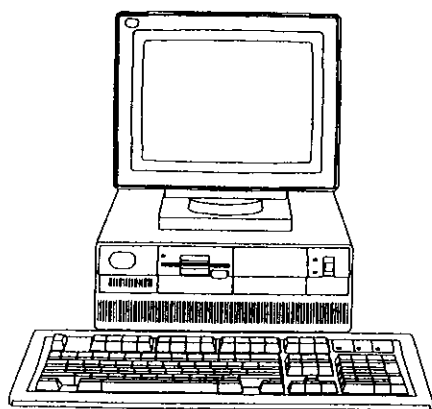
Tim will talk about how expanded memory works, the evolution of the Expanded Memory Specification (EMS), and the memory hardware and software options available to today's computer user. Breaking the 640kB memory limit has opened many doors to PC users, and it will continue to be an important feature as more and more memory-hungry programs are developed. He will conclude with an overview of Intel's memory expansion products, two samples of which Intel has generously donated for our raffle.

In addition to these interesting and informative presentations we will have our usual Random Access session and Raffle. Come to the next General Meeting at the Science Lecture Hall of Orange Coast College on January 27th. You will find out everything you always wanted to know about the microprocessor that makes your PC the desktop data crunching marvel that it is.

See you there!

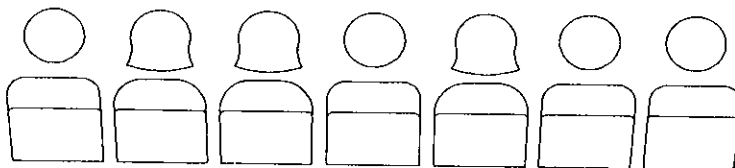
(OTTKE continued)

When Bob joined OCIPUG he brought with him integrity, a willingness to serve, and a positive outlook for the future of our club. With members like Bob, it's hard to miss.



Member Spotlight on Robert Ottke

Jean Stevens



This month I want to introduce you to Robert Ottke (member #1336) who has recently become a key member of our Organization. As the new Sysop of our Bulletin Board, Bob has risen to the challenge of this tremendous undertaking. He is quick to point out, however, that as head of the new BBS Forum (we told you about that in last month's README.DOC) his team is working together, in a very cooperative spirit, to help keep the BBS functioning properly. He also credits BBS Guru, Rich Sabin, for his valuable input during the transition period, and continues to consult Rich whenever necessary.

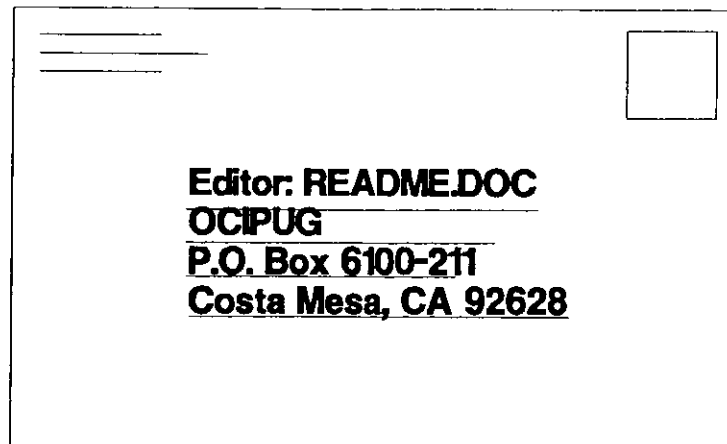
Bob's reason for joining OCIPUG, like the rest of us, was to learn more about the world of computing. He feels very positive about the club and, "yes, it is living up to my expectations." He has an XT with a 286 accelerator board, a modem, and 2 hard drives with a total of 60 megabytes.

Bob is currently on the Board of Directors of Luther Medical Products, and also heads his own consulting firm, Robert Ottke Associates. His firm does consulting for General Management and Executive Search. He was co-developer of software called DIANA, a system used primarily for Executive Search. (DIANA was named for the mythological Goddess of the Hunt.) Bob also uses MS-WORD, EXCEL, MANAGING YOUR MONEY, and is familiar with LOTUS and WORDSTAR.

Born in Kentucky, he spent most of his early life in Pittsburgh. During World War II, as a B-29 Aircraft Commander in the U.S. Air Force, he was about to join the fray when word came that the War had ended. As a young Commander, trained and ready for combat, it was all over before it started for him. He felt a sense of letdown at the time, but in retrospect he feels very fortunate that the fighting ended when it did.

Bob went on to Yale where he earned his BS and PhD in Organic Chemistry. As the recipient of a one-year Fellowship at Stanford University, he had the honor and privilege of working with two future Nobel Prize winners. After completing his Fellowship he took a position with Parke-Davis Subsidiaries, which required him to live in England for a year. He then transferred to Madrid, Spain where he spent the next eleven years as President of Parke-Davis Subsidiaries. He thought Spain was a great place and enjoyed the many years he spent there. In 1976 he returned to the States, making San Francisco his home for a brief period before settling in Newport Beach.

He is married with two sons, two daughters, and three grandchildren. None of whom, share his interest in computers. As a pilot since 1941, he had his own plane (a Cessna 172) for many years, which he kept at Orange County Airport. Bob plays golf and does a fair amount of skeet shooting as well. (See OTTKE 1st Column)



PLEASE NOTE.....

Bonnie Ulanovsky's name came up as a winner of Microsoft's FLIGHT SIMULATOR 4.0 but Bonnie was absent from the meeting, (the first time since her Charter membership in OCIPUG.) The immediate reaction from a great many in the audience was to award her the prize anyway. In response to the audience's support for this action, the Governing Body went along with it, initially. However, upon reviewing the situation, and in a sense of fairness to all, OCIPUG's policy of awarding prizes only to members who are present, was upheld. Bonnie graciously agreed.

Editor, README.DOC

In my report of the November General Meeting in README.DOC, I made two errors:

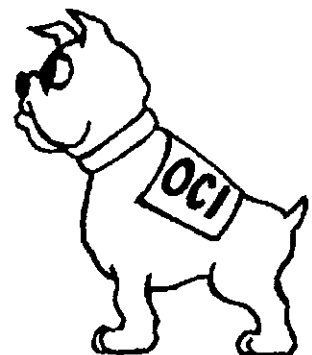
1) At COMDEX, Paul Curtis did NOT serve as temporary SYSOP of any COMDEX BBS and knows of no such BBS.

2) Lotus has NOT opened the use of its menu line to other software suppliers. These errors were mine and do not reflect upon the README.DOC staff. I thank Paul Curtis for pointing them out.

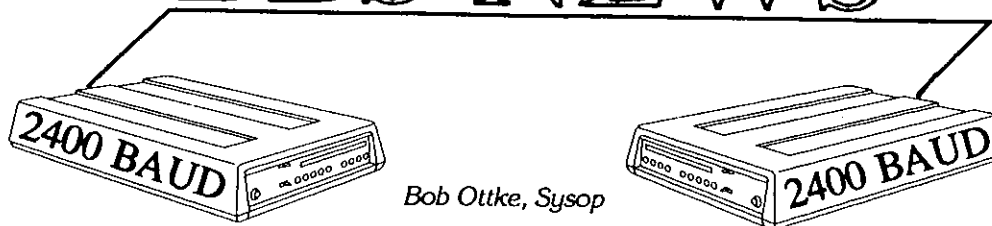
Harv Haight

(Editor's note: Opinions expressed in this column are those of the individual authors and do not necessarily represent the opinions of the README.DOC staff or its publisher. We reserve the right to reject any and all submissions.)

Due to space limitations we ask that you limit your letters to 500 words or less.



BBS NEWS



Bob Otke, Sysop

OCIPUG BBS POLICY

Bob Otke, Sysop

1. The OCIPUG BBS is designed for the convenience of Members to allow the exchange of ideas, comments, and suggestions. It is best used as a forum for the mutual enjoyment and exchange of computer-related matters. It is NOT intended for political or commercial use.

2. The BBS encourages the upload of useful shareware or public domain software for the mutual enjoyment of all. Commercial programs will be deleted. If you find that a shareware program is especially useful, registration and support of the shareware authors is encouraged.

3. For the convenience of all, and to save the limited disk space, it is preferred that all uploads of programs be in the ZIP format. If necessary, you may upload ARC, PAK, and LHARC programs with the understanding that they will be converted to ZIP.

4. Submissions will be subject to the editorial review of the BBS SYSOPs. Personal attacks, obscenity, pornography, or other material considered in bad taste will not be acceptable, and may result in denial of access.

5. Although diligent effort will be made to prevent the presence of viruses or other potentially damaging material on the BBS, OCIPUG, its officers, directors, appointees, or members accept no responsibility or liability for any damage to users hardware or software.

6. It should be kept in mind that, due to the nature of the BBS, messages submitted as "Private" are not

to be considered strictly confidential, as they are accessible by SYSOPs and other officials of OCIPUG. Please extend the courtesy of privacy, and do not download material specifically directed to an individual. Nevertheless, files, even though indicated for a specific person, are accessible to download by any member.

7. Commercial advertisements are not acceptable. If a member desires to offer personal property for sale, especially items related to computers, he/she may do so. Those messages will be deleted after thirty days. If the property is sold, we ask the seller to "Kill" the message promptly.

8. Every effort will be made to keep the most recent versions of programs on the BBS. If a member uploads a newer version of a program, we urge that a message be left for the SYSOP to delete the earlier version.

NEW IDEAS FOR THE OCIPUG BBS

Michael Springer

A survey of the BBS special interest areas (Conferences) indicates that there has been little use of most of the areas. This is probably due in part to the single phoneline access situation, which has limited the availability of the BBS during most people's waking hours. The two line access will be functional soon.

Perhaps the limitations of the Conference mode are really the problem. Signing into a Conference is easy enough, but determining which messages are new and which have been read, is not as easy as it should be.

A Conference cannot attract your attention by telling you that new messages FOR YOU are there. After checking a Conference several times and finding no apparent activity, most people probably forget that it even exists. So why and when should you sign on?

Well, how about a Conference that works much like the Main Board? During initial sign-on to the Main Board you are advised (for each Conference you have participated in) of the number of new messages, and if any are for you. When you sign into the Conference, you are told how many messages are active, the number of the latest message and the number of the last message that you read. The Conference may have an information screen and bulletins, to assist participants and to publicize upcoming events. The Conference can even have its own Sysop(s) (members who have regular privileges in the Main Board and Sysop capabilities while in the Conference). The Conference Sysops can keep the message base current, update info screens and bulletins, and maintain the file base.

Change the word Conference to SUB-BOARD and the capabilities listed above emerge. The BBS Forum is working to change Conferences to Sub-boards. But those changes will not, in themselves, attract more activity. While the BBS Forum works out the details, you, the members in general, the members of SIGS, and the members of potential SIGS, can help.

Would active Sub-Boards for the SIGs you enjoy be worth a little effort on your part? Your SIG leaders do

(See IDEAS page 10)

A moving target!

Every Keyboard Has a Tale

I had intended this to be the final installment of my discussion of the new Northgate OmniKey Plus™ keyboard. Among other things I was going to tell you that they intended someday to market upgrade EPROMs for it, which would change how it behaves in certain ways. To my surprise, the first such upgrade EPROM has arrived on my desk already! So in this column I will finish most of what I have to tell you about key placement and function and also cover some other significant issues in keyboard design and tell you how Northgate chose to handle them. I'll have to defer to next time the details of what the new EPROM does.

The newest Northgate keyboard comes in two versions. One has 119 keys, the other one (which I have) has 107 keys. Five more, it would seem, than on the OmniKey/102™. What are they? I puzzled over this several times before I realized the OmniKey/102™ has actually only 101 keys, the same number as on an IBM extended keyboard! Its name had me fooled. Northgate had added an extra key to the numeric key pad (an equals sign key), but they did not include the second Alt key. All the rest are just the same keys as on IBM's (101 key) extended keyboard.

The new OmniKey Plus™ has all of the OmniKey/102™'s keys, and there are six new ones. One is the right Alt key. One is the new

"Omni" key and one is the new bottom-row asterisk key. The others are three new "function keys," F13 to F15, located in the very top row above the newly filled cursor control pad.

These are not like the other function keys, however. In fact, they do not generate any scan codes at all, so your computer can't tell when they are pressed. Why have them, then? They do special things with the computer in the keyboard. That's why.

I wish they had been labelled some other way since they are so very different from function keys. I also wish they were located somewhere else so the Print Screen, Scroll Lock and Pause keys could resume their old locations.

The F13 key is really a special shift control key. It is a toggle. In one mode it does nothing. In the other mode it forces just the two keys with the period and comma always to be unshifted keys, no matter what the Caps Lock state and no matter whether or not you are holding down one of the Shift keys. This will allow you to type, for example, the abbreviation for Los Angeles as L.A. while holding down the Shift key and not get L.>A> instead. Hardly a world-beating feature, but certainly a nice touch. (It also would be nice if they had included some indicator to show which state it was in.)

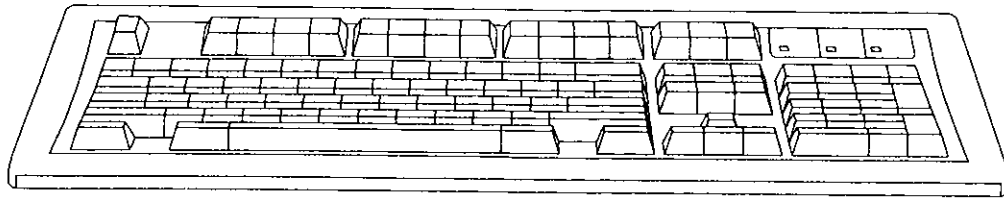
The F14 key is potentially much more powerful. It is used to control the delay and repeat rate of the keyboard's "typematic" action. The details of how this works have changed radically with the new EPROM, so I shall wait and describe it next month after I have some more experience with it.

Finally we come to F15. What does it do? Nothing. It is just there to make the key layout look balanced. They say it is for some unspecified future use.

There is one more tiny key on this keyboard with dubious usefulness. It is a reset button on the back of the keyboard. By the design of the PC family it cannot do a real reset. All it can do (and what it actually does) is issue the same key scan codes as if you had held down the Ctrl and Alt keys and tapped the Del key. I don't expect very often to find it easier to reach around back and feel for a tiny push button than to press that old familiar "three fingered salute." Furthermore, if my computer gets so confused as to ignore the Ctrl-Alt-Del combination then it will also ignore this special reset key.

So much for which keys are where and do what (except for the news about the new EPROM).

That is, to my mind, the most important issue to consider when choosing whether or not to buy this keyboard, but there are some others as well.



What about the operation of the keys? The key switches used (made by Alps, I understand) are the same as in earlier Northgate keyboards and some of the Chicony keyboards I have used and reported on earlier

That is, the same set of problems are still with us.

Expect to have good, but not perfect tactile and auditory feedback when you type. Sometimes keystrokes will happen that you don't feel or hear. Sometimes you will feel or hear the click, but the computer won't get a keystroke.

These problems will not go away till some manufacturer of key switches decides they are important enough and offers inexpensive switches that truly use the same mechanism for clicks, tactile feedback and electrical contact. This is not likely to happen anytime soon, I am told.

Too bad for us.

Finally, we have the issue of software compatibility.

Generally the OmniKey Plus™ works well with the computers I have tried and with most programs. Ever since I started using the Northgate OmniKey/102™ with its backslash key on the right I was eagerly awaiting a version with a right Alt key so I could once again call up the Superkey™ command stack (history of previous DOS commands) with one hand. Thank you, Northgate. Now I can do that once more.

A more subtle issue surfaced now, though. The main purpose of Superkey™ is to allow one to redefine keys. One can make the press of almost any key by itself or in combination with the Shift, Alt and Ctrl keys be replaced by any string of key strokes of your choosing. It can even redefine the numeric key pad keys when they are pressed in combination with the Alt key. (This last is something one cannot do with, for example, the key redefinition facility in ANSI.SYS.)

To allow this Superkey™ had to do something special to replace the standard PC feature that lets you enter non-keyboard ASCII characters by holding down the Alt key and typing a number from 1 to 255 on the numeric key pad.

What the designers of Superkey™ did was specify that Alt plus Shift as the keys to hold down while typing in a number on the numeric key pad.

When Superkey™ was designed there was only one Alt key and as it was right next to the left Shift key and you need your right hand to enter the numbers I expect they assumed everyone would use the left Shift key. Certainly I did.

I wondered, though, if it would work if I used the right Alt key and the right Shift key as then, though it is a bit of trick, I could enter an arbitrary ASCII code with only one hand.

I tried it and it doesn't work.

The problem is *not* with the Northgate keyboard. It is with Superkey™. (I am using version 1.16A which is, so far as I know the latest version, but if any of you know of a later version please tell me so I can get this fixed.)

I tell you this tale just to remind you that you cannot assume that *anything* about a keyboard that gets changed will be totally transparent to your software. Incompatibilities can crop up in the most surprising places. You have to be alert to this possibility.

In summary, what is my overall feeling about the new Northgate OmniKey Plus™ keyboard?

I like it. I think I may have to build small barricades around the Escape key and around the Print Screen, Scroll Lock and Pause group of keys in order to keep me from hitting them inadvertently, but overall I do think Northgate has improved on an already good thing.

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SAFE HEX...

Viruses...?? Some say that the virus plague is overdone, and that there is little risk to the casual PC user. Some say that the viruses are vicious and nasty - almost as bad as the creeps that develop them and spread them around.

Whatever the truth - and I am not here to judge - many say that the only way to avoid them is TOTAL ABSTINENCE. What?? Interfere with my fun of downloading?? But downloading lets me enjoy the thrill of something new, something I haven't had before. I feel an overwhelming urge to download at least once or twice a week! But, at least, I do use appropriate protection...

Don't share software??? They say we should only use new, sterile software. Shared software can sometimes mean that you are sharing infection by a mean, sometimes fatal virus. But we users DO share software, don't we? Well, it should be all right if we can clean it up before executing. (A little CLOROX, maybe??)

Fortunately, I have never contracted an electronic virus, and will use all appropriate precautions to avoid them. I am certainly not an expert in the field, but one doesn't have to be a biochemist to avoid some of the other deadly viruses that infect our world.

Maybe I'm like the guy that wears a belt and suspenders, but I am comfortable with my electronic software precautions, and would enjoy sharing those with anyone who feels the need of protection.

My menu system (AutoMenu, downloaded from our BBS) allows me to insert some automatic checks in my system. I have CHECKUP (also on the BBS) in my AUTOEXEC.BAT file. This program does a CRC check of COMMAND.COM, IBMBIOS, or IBMDOS. It does work. FLJ-SHOT is also useful. This program will check and report on any attempts to write to COMMAND.COM, IBMBIOS, or IBMDOS.

When you want to copy SYS to a floppy, the program asks for permission. VACINE (on the BBS) creates CRFLIDE subdirectory in the root directory. This contains copies of the above three files, under three weird names. When AUTOEXEC.BAT executes that program, it compares the copies with the basic programs, and reports that all is OK with COMMAND, IBMBIOS, and IBMDOS. I suppose that this is similar to the automatic practice of DOS when it makes two copies of your FAT for comparison. There are other programs that you may find useful. Personally, I have had no experience with CHK4BOMB, for example, and I have been unable to get CHECKOUT working to my satisfaction.

I understand that no virus is a danger until the program is executed. The above programs are only effective after you have been exposed to the virus, and it attempts to do something nasty. So, what do we do to avoid infection in the first place? There is a program on our BBS called SCANV50.ZIP. McAfee, the author of VIRUSCAN (SCANV50.ZIP) is one of the real virus gurus. It seems that new versions of this program are issued almost weekly! If you register the program, a direct call to McAfee should be made if you come up with an infection. The present program will detect 51 viruses, and has an internal check called VALIDATE that will insure that there has been no tampering with the original program. When installed in a subdirectory in the PATH, all that needs be done is to type SCAN [d:] [filename]. You can scan an entire drive simply with SCAN [d:]. It is quick, and issues the comforting "nn files scanned. No viruses found!" My menu system now automatically checks my download file (C:\DOWN) as well as my TEMP file which receives the unARC files from ArcMaster. I am as sure as I can be that any downloaded files, as ARC, ZIP, etc., as well as those after unARCing or unZIPping are clean. Of

course, all files that are uploaded are executed and SCANNed before uploading.

Our BBS has been clean, so far. We will take diligent precautions to make sure it stays that way. Keeping it clean, though, calls for everyone who uploads programs to use care. Use your shell utility to look INTO the files that you plan to upload. Even look at all that illegible garbage in the EXE or COM files. If you find any questionable phrases such as "GOTCHA!!" or "HA HA!" please DO NOT UPLOAD that file. A file can probably be traced to its source, even though it may have been passed along through numerous BBS's, so tell someone about the infected file to stop its spread. Once you have looked at the files, execute the program, and make sure that it works as intended. After that, let's have all your good uploads.

This works for me... I think!!

(IDEAS continued)

plenty already, so maybe you could help out by doing bulletins or info screens for a SIG Sub-Board. Maybe you would like to assist by being a Sysop.

The BBS Forum suggests that you discuss the idea of a SIG Sub-Board at your next SIG meeting, and that you volunteer to assist in any way that you would be comfortable. Have your SIG leader contact the BBS Forum for info, to set up a demonstration of a Sub-Board for a SIG meeting, or to explore other possibilities.

You may contact the BBS Forum by leaving a message to the SYSOP on the Main Board, coming to any of the BBS SIG meetings or contacting a director or officer of OCIPUG.

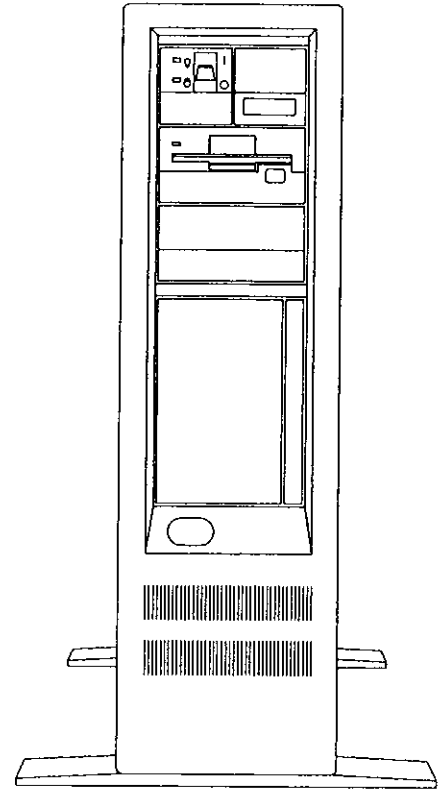
NEW CROP COMPUTER CLASSES, SPRING 1990

Harv Haight

The Coastline Regional Occupational Program is a joint venture of Huntington Beach Union, Irvine, Newport-Mesa, Saddleback Valley, and Tustin Unified School Districts. Funded by the state, it charges no tuition. Although aimed primarily at older high school students, CROP courses are available to adults of all ages who wish to gain job-entry skills, to upgrade skills, or to add to basic knowledge. Certificates are awarded and job or scholastic credit is possible.

Of immediate interest to OCIPUG members are evening classes in LOTUS 1-2-3 and WORD PERFECT 5.0 (including one for legal secretaries), as well as courses in computer repair and maintenance. All classes run from 6:15/6:30 PM to 9:30/9:45 PM, meet twice each week for nominally 90 hours, and are held in such high schools as Edison, Estancia, Woodbridge, Westminster, and Trabuco Hills.

Complete catalogs are available from CROP, 1001 Presidio Drive, Costa Mesa (next to Teewinkle Park), or by calling 979-1955. Registration is on January 22-23 (call if late), and classes start January 29 through February 5.



COMMANDER NORTON INVADES ORANGE COUNTY

It is with great pleasure that we announce another Special Event co-sponsored by the North Orange County Computer Club and the Orange Coast IBM PC User Group. Dr. Peter Norton of Peter Norton Computing Inc., has agreed to come and address the User Groups of Orange County on April 28, 1990.

North Orange County Computer Club will be taking its turn as the official Host for this event, and is currently in the process of making arrangements for space suitable to such a gathering.

As some of you may know, this event has been in the works for almost a year. After considerable effort on everyone's part and a lot of communication and cooperation from those involved, it is about to come to fruition!

As details become available they will be posted to the various Bulletin Board Systems and in the User Group newsletters. Those who would like to assist in preparing for this event should contact Mr. Tracy Lenoeker, President of NOCCC. As many of you know from our event with Mr. Bill Gates, it takes a tremendous effort to make things go smoothly.

PAUL CURTIS OCIPUG Ambassador to Peter Norton Computing Inc.



Stan H. Sabin



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SMALL BUSINESS SIG

December's Small Business SIG topic was the subject of goal setting. SIG leader Richard Sinor introduced the featured guest speaker, Mr. Larry Le Doux, an advertising consultant, lecturer at Golden West College, and successful retired small business owner.

Mr. Le Doux discussed the benefits of goal setting as applied to all aspects of life, with particular emphasis on running a small business. He discussed the obstacles that keep many people from setting goals, as well as, ways to overcome these obstacles. Some of his suggestions for setting and achieving goals included:

- Take some time off from everyday activities and determine your goals and priorities.
- Visualize your goals often.

- Set your goals down on paper.
- Prepare for future opportunities (by taking classes, doing research at your local library, etc.).
- Form a plan of action (dissect the goals into small steps).
- Persist!

During the question and answer session, Word-tek (owned by member Ben LeGare) served as a focal point for a lively discussion of the practical aspects of implementing goal setting.

The second topic discussed was that of dealing with banks to obtain business loans. Member Larry Pearce provided valuable suggestions for selecting and approaching bankers, including:

- - Select a medium-sized bank (not an S&L).

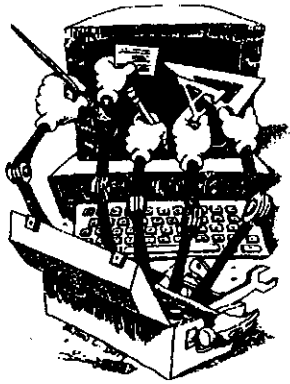
- Have your business financial statement prepared.
- Interview the senior loan officer to see if the bank is able to meet your requirements.
- Open a business account at the bank you select.
- Develop a personal relationship with your banker.
- Keep in mind that banks are looking for your business!

Carol Slasher also suggested inquiring at the local Chamber of Commerce when shopping around for banks catering to the small business.

The evening's activities also included, as a door prize, a copy of DAC Easy Accounting software, which was donated by Word-tek (Ben LeGare). The lucky winner was Fred Friedman.

Next month's meeting will continue the discussion of banking relationships with a representative from a local bank.

PC TOOLS DELUXE



Robin Clark

Utilities are a necessary evil these days. We need them to organize our hard disks, undelete files we (oops) didn't mean to delete, and back up hard drives in case—okay, because—they crash. And don't forget the TSR's—notepads, appointment schedulers, outliners, disk caching to speed things up, disk de-fragmenters, protection against hard disk formats, and programs to encrypt files and secure them from prying eyes.

PC TOOLS, which started life as a modest DOS utility program, has now become everything you'd ever want in a utility. PC TOOLS DELUXE, version 5, can perform all of the above and more; And with pull-down menus and mouse support, it's quite easy to use.

The DOS utility portion of the program, PC Shell, can be run memory resident, to pop up at the touch of its hot key. The DOS functions are all here, plus a few. You can format a disk (in the middle of an application if you're running memory resident), copy, find, delete, rename and print files. In addition, PC TOOLS will let you move a file from one directory to another, and undelete files. A built in word processor lets you write memos and letters (and maybe even a short story or two). Not fancy, but just enough for those small applications. And if you should need to run your favorite program, just launch into it from the shell.

In fact, as the name implies, PC Shell functions quite nicely as an alternative to the old DOS prompt. The

DOS prompt is kind of like Gary Cooper—there when you need him (he'll never let you down), but not given to speeches. If you want more from a prompt, then PC Shell might be the thing to try.

One of the most useful aspects of PC TOOLS is the hard disk backup and recovery utility. Again, with pull-down menus, PC Backup is quick and easy to use. It can handle most kinds of drives, from 360k floppies to removable hard disks, or Bernoulli drives. The backup and restore both run quite fast. It takes a lot of 360k diskettes to back up a 20 megabyte hard drive, but you'll have to feed them to the computer so fast that you won't have time to get up and stretch between disks. Of course, the most important question to ask of a backup utility is, how reliable is it? Well, I've been backing up my hard drive with PC Backup since it first came out, and never once has a backup refused to restore. (How many times have I had to restore, you ask? Well, there were the three times I formatted the drive accidentally, the four times I decided to upgrade to DOS 3.3, and the four times I had to go back down to DOS 3.1 because that didn't work. And then there were the times the hard drive decided to stop spinning, and the six times that ... well, you get the picture.)

The next utility that PC TOOLS provides is the Desktop, which contains a notepad, a database, and an outliner, for starters. The notepad functions a lot like SIDEKICK, and allows you to create simple files (letters, memos, notes) while working on other applications (if you run memory resident, that is). Or, if you prefer the more structured approach, use the outliner to make notes for papers, books, or speeches. The database is pretty basic. For example, you might want to enter phone numbers or a client list, but you wouldn't want to create a fancy billing system with it. Both the notepad and database can replace those yellow sticky notes we all seem to accumulate on the monitor...and the CPU box...and the keyboard...and the wall...

If you have a busy schedule, then the appointment scheduler might be for you. It acts like a Day-Timer, with

slots every 15 minutes from 8 am to 5 pm, but unlike a Day-Timer, you can set alarms to remind you of important activities. If you run the Desktop memory resident, then the alarm will go off even if the Desktop is inactive. A friend of mine uses this alarm every day without fail—he just hates to miss, "Leave It To Beaver!"

The Desktop also has calculators (financial, algebraic and hex), a very basic telecommunications module (although, frankly, you'll probably prefer Procomm to this), and a macro editor that is compatible with ProKey 4.0 and up. If you run the Desktop memory resident, then the macros you write can be used in most of your favorite applications.

One of the problems of TSR's in general is that when inactive, they continue to use a large chunk of memory. When you have too many loaded, you find that there's no room left for the applications you need to run, and for the data you need to process. PC Shell, when inactive, uses only 10k of memory—not a large bite. The Desktop uses another 40k when dormant, so the total memory you need to set aside shouldn't bother a machine with 512k or more of memory.

Problems? Well, okay, there are a few. You really need a hard disk to run PC TOOLS, and something a little faster than an XT. I used to run Desktop on my 8 megahertz XT, and it took a very long time to load each time I hit the hot key. Given a moderately fast AT, the program runs at a respectable speed, and you won't find yourself brewing coffee and reading that Dick Francis novel while you wait for the notepad to finally come up.

But given some fairly speedy hardware (say, 12 megahertz and up), I think you'll find that PC TOOLS is one of the best collections of super-powered utilities around.



OCIPUG BOARD MEETING

12/18/89

SUMMARY OF MINUTES

BOARD MEMBERS PRESENT

John Goodman	Dave Carroll
Neil Carman	Stephen Burnside
Robin Clark	Terry Currier
Harv Haigh	Jim Petit
Sonny Lockie	Paul Curtis
Richard Villa	

BOARD MEMBERS ABSENT

Bonnie Ulanovsky	Toni Massoth
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OCIPUG MEMBERS & GUESTS

Richard Sabin	Jean Stevens
Steve Dela	Albert Goodman
Tom Stolp	Linda Leydekkers

The board meeting convened at 6:44 p.m.

After announcing some minor corrections to the agenda, President John Goodman read a statement on the conduct of the meetings. After a brief discussion he moved on to the action items listed on the agenda.

The following motions were PASSED by the Board:

1. OCIPUG Board meetings to be held on the Monday following the OCIPUG General Meeting, starting at 6:30 p.m.
2. Names of Presidential appointees for Chairman of various Standing and Special Standing Committees be considered separately.

The following persons were proposed and Board action noted:

Robin Clark	Membership	Ratified
Dave Carroll	Program	Ratified
Joe Farber	Facilities	Ratified
Terry Currier	Public Relations	Ratified
Stephen Burnside	Publications	Ratified
Jim Petit	Electronic BBS	Ratified
Bonnie Ulanovsky	Library	Ratified
Tom Stolp	Bylaws and Rules	NOT Ratified
Dave Carroll	Long Range Planning	Ratified
Tom Stolp	Elections	Ratified
Jim Pettit	Electronic BBS	Ratified

3. Tie for second and third prizes in membership contest to be resolved by asking the four persons who tied for second place to randomly select 2nd and 3rd place prize recipients.

4. Agreement to table, until the January Board meeting, a motion to decide when the renewal Lease for the SIG space needs to be presented to the General Membership for approval.

5. OCIPUG members in good standing be recognized and be allowed to speak during discussion, prior to the vote on any motion before the Board.

6. That OCIPUG not publish a Membership Directory.

The following motions were DEFEATED by the Board:

1. The purchase of the hard disk drive, loaned to us by Toshiba in 1988.
2. To form a committee to explore possible interaction with Boy Scouts of America, Explorer Scouting executives, and develop plans that we can later discuss and decide upon.

MEMBERSHIP COMMITTEE REPORT

Robin Clark

As of 12/18/89, there are 893 OCIPUG members. Flyers have been designed gratis for OCIPUG by a New York advertising agency. Robin asked for volunteers to drop off the flyers at computer stores. The Ad Agency wants to be anonymous and desires that we not radically change the copy.

Robin announced that we are having a 1-cent off sale. She donated \$1.00 to cover the discount for the first 100 members.

TREASURER'S REPORT

Toni Massoth was ill so there was no regular report. Toni was authorized by the Board to sign a Federal form relating to our Federal tax exempt status. John Goodman asked each chairman to look at what money their committee will need or generate in the coming year. The Bylaws charge the President and Treasurer to prepare a budget. John Goodman asks that each chairman give to the Treasurer preliminary numbers by the 7th of January, 1990.

See BOARD MEETING Page 15

TREES AND BATS TEASER

MICHAEL SPRINGER

The following batch file is for those with a single 1.2M/360K floppy drive. Can't remember how to get that drive to make a DSDD 360K floppy?? Don't like to dig out the book?? This batch file tells you how to use it if you don't remember, or if you use it incorrectly. It checks that what you type, is what it wants to see.

This isn't an indispensable batch file, nor is it the only way to accomplish the task. It is an example of several batch commands and an organized approach to solving a problem.

If this file interests you, plan on attending the Trees and Batch Seminar series beginning Sunday, Feb 4, 1pm at the SIG Space. No previous batch file experience necessary.

Create this file with a text editor or your favorite wordprocessor (be sure to save it as an ASCII file) and name it FORMATA.BAT or something similar. Watch out for zero versus letter O.

ECHO OFF

CLS

IF %1!==?! GOTO HELP

IF NOT %1!===! GOTO MAIN

:HELP

ECHO %0 -- 1.2M/360K DRIVE A: Disk Formatting Help Utility

ECHO.

ECHO Command Form: %0 disk capacity (make bootable)

ECHO.

ECHO Examples: %0 360 (360K, data disk)

ECHO %0 1.2 (1.2M, data disk)

ECHO %0 360_\$(360K, bootable)

ECHO %0 1.2_\$(1.2M, bootable)

ECHO.

GOTO END

:MAIN

SET BTDSK=

IF %2!==! GOTO FRMTCHK

FOR %%A IN (s S) DO IF %%A!==%2! GOTO BOOTDSK

ECHO You have supplied an invalid (make bootable) character

ECHO.

GOTO HELP

:BOOTDSK

SET BTDSK=/S

:FRMTCHK

FOR %%A IN (360 1.2) DO IF %%A!==%1! GOTO DOIT

ECHO You have specified an invalid disk capacity

ECHO.

GOTO HELP

:DOIT

IF %1!==360! C:\DOS\FORMAT A: /4 %BTDSK%

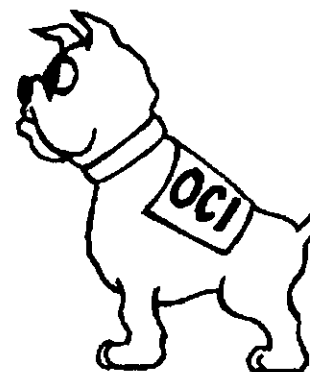
IF %1!==1.2! C:\DOS\FORMAT A: %BTDSK%

SET BTDSK=

CLS

:END

All 1.2 Meg drives are not able to create 360K disks which are readable in every 360K drive. Use at your own risk.



(BOARD MEETING continued)

NEW BUSINESS

Jim Petit was authorized to expend up to \$100 for a BSR-X10 telephone controller or equivalent device for use in connection with the BBS. Dave Carroll offered to lend a BSR device to the BBS to determine if that type of device would work. The motion was tabled by general consensus.

John Goodman announced that January 19th is the deadline for submission of agenda items for the next board meeting so that the agenda may be published prior to that meeting.

The meeting adjourned at 9:36 p.m.

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

Welcome New Members!

Ralph Alcala
Marge Butler
Maria Cermenaro
Jim Clary
Olga Clary

Ralph Davis
Dick Gerber
Dan Jacobs
Stanley Matsui
Robert McDermott

Gary Rhodes
Gilda Strom
William Strom
Dawn Thomas
Kevin Thomas

Sandra Thomas
Dale Warnke
Michael Weirman

Memberships expiring in January

Everett Anderson
Neil Barker
Dana Benner
Ed Blow
Randy Boelsems
Ken Brosius
Harold Carey
Irwin Chapnick
Leon Chiu
Marco Clerx

Jan Cohen
Kenneth Drews
Eric Drochner
Robert Fulton
Tony Gilbert
Lester Goodwin
Carol Goold
Michael Greene
Rick Halbardier
Robert Jones

Jack Kindig
Richard Lansche
Dan Maher
Jerry Marcell
Ronald Markel
Dick McKissick
Doug Mize
Bill Park
Angelo Ponce
Seelam Reddy

Mark Roberts
David Salazar
George Samuels
Melanie Schiffman
Rick Schreiber
Gary Shelman
Sol Shenker
Robert Spence
Michael Steward
Cathleen Sward

Alex Syfrett
Bill Thompson
Charles Turner
George Walker
Jeffery Wiegand
Jane Wood

Memberships expiring in February

Bill Baldwin
Barry Baxter
Gene Bell
Gerald Bennett
Mark Bernacchi
Les Betz
Thomas Brock
Robert Buzarak
Reta Cagle

Victor Caron
Jon Chelin
Pat Cline
Bob Cope
Ann Corzine
Larry Courter
Henry DeLapp
Allison Dean
Bent Ericksen
May Ethridge
Shelly Jo Gacsi
Anant Gajjar
Arthur Gill

Gerry Goodman
Jere Greene
Trevor Guest
Gene Hales
William Harwood
Vic Jashinski
Orlan Jennings
Gary Kaleta
Roland Kemp
Randolph Kroenert
Pamela Mang
Ken Martin
Steve McCormick

Harold Metz
Takashi Mitsutomi
John Moore
Richard Moser
Thomas Moses
Peter Murray
Steve Nickless
Yoshi Noguchi
Margie Norton
Howard Nylander
Hobbie O'Neal
Craig Okun
Lucille Owens

Bob Para
Robert Parriott
Guillermo Peraza
Mark Powers
Ralph Roos
Tricia Sebreros
Harold Sharp
Ray Smith
Rich Smith
Dean Sowers
Mike Stewart
Ned Stewart
Tom Thompson

Stephen Tucker
John Valero
Tom Van Tuyl
Joe Wade
Mark Waelde
Donald Weiner
Paul Welton
Hugh Wilkoff
Kenneth Williams
Reuben Yago
David Yap
Gary Zimmerman

Due to illness on the part of our Treasurer and that fact that she has been in the process of moving, there is no Financial Report this month. The January Financial Report will be published in the February issue.

1989-90 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	841-69691
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 Coordinator	Dave Carroll	775-3130
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)	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
Ninja's Palace (300/1200/2400)	557-5038

OCIPUG Information & Message Line 714-843-2048

Future OCIPUG General Meeting Dates 1989 - 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).

December 16

April 28

August 25

January 27

May 19

September 29

February 24

June 30

October 27

March 31

July 28

November 17

OCIPUG Business Sponsorship Program

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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 Stephen Burnside at 714-758-8957.

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