

October, 1990

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Production Tools

Hardware:

Various Macintosh Computers, LaserWriter IINTX, Abaton 300/FB Scanner, Ehman removable 45Meg drive,  
Voice Navigator

Software:

Adobe fonts, Image Club fonts, DesignStudio, FreeHand, Illustrator 88, Canvas, Smartcom II, PageMaker,  
Microsoft Word, MacWrite II

Utilities:

ATM, DeskPaint, Rival, DiskTop, QuickKeys, Capture, Suitcase II, Stuffit, DiskDoubler, SuperLaserSpool  
Printer:

Arizona ReproGraphics

The PRESIDENTS' Desk: Michael S. Bean

Welcome to the Arizona Macintosh Users Group™. The month of October 1990 includes two AMUG main  
meetings! These two meetings were planned as a result of our annual fund raiser/auction being scheduled on  
October 27, 1990 Here are the particulars:

October 18, 1990 is Microsoft/Farallon Day!

On October 18, 1990 at 7:00PM AMUG will Host Microsoft and Farallon in a great display of power user  
products. This meeting will be held at the Wyndham Resort located at 5401 N. Scottsdale, Rd., Scottsdale, AZ 85852  
(602) 947-5400. Products that will be shown include Excel, Word, Power Point, Mail, MacRecorder, Timbuktu and  
Media Tracks. There is a rumor that refreshments will be available for our members at this meeting. Mark your  
calendar! We expect 500 members at this meeting so be early!

The October 27, 1990 is Fund Raiser/Auction Night...

On October 27, 1990 AMUG will host its first annual AMUG Fund Raiser/Auction. This auction will be held on Saturday and run from 2:PM until 7:00PM at the Howard Johnson's Plaza Hotel located at University and the I10 freeway. During the meeting forty minutes of every hour will be assigned to certain groups of software packages for auction. Jeff Gersteen and I will be showing the AMUG Library during breaks. We will have disk copies and the "Best of" series available along with lots of Macintosh fellowship. If we can get some members to contribute we may have several cake walks as well for the children. We hope to make this a great family event and want to see you there. There will be some great bargains with bidding starting at 20% or less of retail. We have contacted over 350 companies concerning this event and expect that over 150 items will be offered. Read the directory printed in this newsletter for times and products offered. AMUG members may also place their bid by mail as long as it is received prior to the auction. A check must accompany any bid. If you are successful the package will be mailed to you. If you are not your check will be returned.

The following is a partial listing of the items that will be available:

Color Studio, atOnce, Business Class, Focal Point, PhotoPress, Carbon Copy, Front Desk, Acta, Stuffit Delux, Prograph, DeltaGraph, Virex, VidePaint, Personal Phone, Flash, Make Test, On Location, Checkfree, AfterDark, HyperBible, WriteNow, Send Express, Microphone II, LapLink, FileMagic, SilverScreen, MacVision, Sticky Notes+, American Handbook of Business Letters, American English Writing Guide, LifeART, MarcoPolo, MacServe, AntiToxin, MacFlow, MacSchedule, Help for Excel, Stepping Out II, Capture 3.0, HFS backup 3.0, Mark up, Handwriting Analysis, FamilyCare, MacDraft 2.0, Calendar Creator, Fast Forms, Address Book Plus, LetterWriter Plus, FileVision IV, MacMoney v3.5, Garvis MouseStick, White Knight, TeleMagic, DiskGrabber, MacKnowledge, Partner, Call XCMD, InitHound, Hyper KRS, Microsoft Word, Power Point, Excel, FoxBase+, Backfax, if: Xforms, Informed Designer, MacRecorder, Word Wrapper, Retrospect, MacTools, Blue Print, Desk, DeskPaint, Freedom of Press, HyperDA, Acta Advantage, Keyplan, DiskExpressII, MasterJuggler, MultiDisk, MacScheme Compiler, Shadow, Wild Things, In Box, Trendware Xcal, Apple T-Shirts, Apple mugs and the list goes on. Several of these titles have multiple copies available. All proceeds will go toward AMUG training, meeting, community involvement and future AMUG projects. Your participation in this event will help AMUG fund many new projects in the coming year.

Macintosh News...

In October Apple is scheduled to produce three new Macintosh lines. These Macintosh units are designed to meet the lower cost markets.

The Macintosh Classic will replace the Macintosh Plus and SE. Production has stopped on both of these products and Apple is selling product from back stock. On the 1st of September no orders were accepted for SE's by Apple and the Mac Classic was placed in production. Mac Plus units are still in surplus as of this writing. The Mac Classic will support two drives or a hard drive option, running on an 8 mhz 68000 with an expanded ROM. The price of the unit should be \$1,500 with a street price of \$1,000.00.

The Macintosh LC (LC stands for low cost) is the next new release. This Mac is not expected to ship until next year. This Mac will support 8 bit color, a 68020 at 16 mhz, and Apple II emulation at a price of \$2,500.00 with a 40 meg hard drive and 2 megs of RAM.

The Macintosh IIsi is the high performance machine of the group sporting a 68030 at 20 mhz and one slot. This will be a low cost color alternative with a retail price of \$4,200 including a 40 meg drive and 2 megs of RAM. This unit went into production on September 1, 1990 and units should be available at the time of the official announcement.

This new line up sparks the end of Gasse and his continuing struggle for faster, better products. The concentration now at Apple is to take existing technology and package it to be sold at a less expensive price. Apple has been hit hard in the education markets by lower cost IBM PC's. Its struggle now is to reclaim these markets. The Macintosh interface has rubbed off on all of us. Look at Windows 3.0 if you want to see how IBM'ers deal with it. Iconic interfaces and ease of use are important for moving computers to the masses. Apple has long been in the forefront of ease of use. The battle now becomes how to keep prices reasonable and still strive for faster, more intelligent ways of doing things. We know Sculley can bring the prices down but can he be innovative at the same time? We will find that answer in 1992.

HyperCard 2.0

HyperCard 2.0 was announced in July of this year yet to date it appears to be still vaporcard but soon it will be released to the general public. Several 3rd parties have HyperCard 2.0 alternatives in the wings including HyperDA and others. Meanwhile, HyperCard 2.0 is reaching beta 27 and I am sure the team is ready to pull their hair out. Release dates such as "when it's done", are not uncommon. At least the product was not released full of bugs like Word 3.0. HyperCard 2.0's major new features include the following:

l Variable card sizes

HyperCard 2.0 allows users to create stacks with card sizes from less than one square inch to 18 inches square. It provides ready-made settings for compact Macintosh computers, standard 640x480 pixel, modular Macintosh monitors, and a variety of other useful sizes. Card size for any stacks may be changed whenever the user wishes.

#### I Multiple windows

Multiple windows allow users to view several stacks concurrently on one screen up to the limits of available RAM. This capability allows users to navigate stacks quickly and provides for faster cut-and-paste between stacks.

#### I Text styles

HyperCard 2.0 provides users with greater freedom in the appearance of text and Mac-like text editing. The new Font and Style menus provide options for changing the font, size, and style of text that appears in HyperCard's text fields.

#### I Hot text

A new set of HyperTalk functions--clickText, clickLine, and clickChunk--and a new text style together provide the tools for creating hypertext applications in an easy and straightforward manner. Hypertext enables the user to click the mouse on a word and something happens--a sound plays, additional text appears, or an animation runs. Ultimately, hot text allows stack designers to include interesting and intuitive ways for users to navigate stacks and have access to more information.

#### I Better printing

HyperCard 2.0 features improved printing capabilities that allow users to print an individual field and create multiple report designs in every stack. A new Report Layout Editor lets users control the appearance of each element in a report, including font, size, and style of text.

#### I Faster, more powerful HyperTalk

The performance of HyperTalk has been greatly enhanced with an automatic, run-time compiler. This capability allows stack designers to build more sophisticated programs and improves the feel of stacks. HyperTalk scripts will also run in the background under MultiFinder operating system software, allowing users to do other work when complex, time-consuming scripts are running, or when compacting or sorting a stack. HyperTalk also features user-definable menus, user-definable message inheritance, an extended XCMD interface, and a modeless script editor and advanced debugging tools.

The major new features of HyperCard and its enhancements make it one of the more powerful easy to learn programming systems available. Software-only upgrades will be available through user groups, book publishers and participating Apple dealers. HyperCard 2.0 can also be purchased separately for \$49.95.

#### System 7.0

System 7.0 is almost completed and should be released near the end of the year. We are working with Royce Bunag to set up a special Phoenix User Group display of System 7.0 features as soon as they are released. Keep your eyes posted on the AMUG Newsletter for future details.

#### AMUG gets a CD Player...

The Arizona Macintosh User Group has obtained an Apple CD player for our User Group needs. I would like to thank James Tanner and Larry Wilson for making this possible. This CD player was purchased with 100 "Best of" disks. Thanks also goes to all of those who have supported the AMUG "Best of" series at Mesa Computer Mart. Your purchase of these disks helps AMUG grow! We are currently looking for another store to carry the AMUG™ "Best of" Series so if you know of someone interested please call Michael Bean at (602) 892-5454. All stores carrying this series will have their names listed in the newsletters for our members reference.

#### AMUG Library Affiliates...

The Arizona Macintosh Users Group Library has really grown over the years. This library is a great resource for Macintosh users and as such we have offered Library affiliate status to other User Groups. These User Groups have signed a contract that allows their group to redistribute AMUG library disks to their members for an annual fee to AMUG. Recently two new AMUG Library affiliates have joined the program. I would like to welcome Dick Dunham of the Sedona Macintosh Users Group and Sherry Agard of RockyMac (which is a combination of the Boulder Mac Maniacs, Mile High Mac and MacinTech) to AMUG affiliate status. Welcome to the team Dick and Sherry! The monies collected through the AMUG Affiliate program help keep the cost of acquiring software reasonable for all of our members. If you know of any User Groups that would be interested in becoming AMUG affiliates as well please have them contact Michael Bean at (602) 892-5454. AMUG affiliate membership is only \$1.50 annually for each member in the group. Most user groups spend more than four times that amount trying to acquire their software library on their own. Now the AMUG Library affiliation program is here to help!

AMUG Newsletter Reviews...

Over the years the AMUG Newsletter has always needed articles and tidbits of information. In order to establish a policy to enhance the desire to review software for AMUG News™ the following policy will be established. Each month in the President's desk I will list software packages available for review by AMUG members. Reviews for the products listed will be expected within 30-45 days of receipt of the package. The member who reviews the product will have the option to purchase the reviewed item at 20% of retail value. This equates to 80% off the retail price! This policy was discussed by Gary Fields and I and we both believe it will entice new reviews and is fair to all parties. We have never had a set policy on reviews in the past. Some returned the product for raffles and fund raisers others were allowed to keep the product for their work. I believe a consistent policy will help the reviews grow and listing the items in this section will be a good method of allowing everyone to participate. In addition, this policy will help those acquire valuable software packages at a minimal cost, others to try before they buy and provide software for our annual AMUG fund raiser/auction as well. If you are interested in this program call Michael Bean at (602) 892-5454 for further information.

Software that is available for review currently includes:

- 1). Sky Shadow - a new game from Casady and Green
- 2). Starlight - a new game from Casady and Green
- 3). Virex - a great virus killer from Microcom
- 4). MakeTest - a test making program for teachers from MountainLake
- 5). 101 Scripts and buttons for HyperCard from Individual Software
- 6). AME - Access Managed Environment from Casady and Green (Security)
- 7). WriteNow 2.2 from T/Maker a great Word Processor.
- 8). Interface - a HyperCard Talking animator XCMD and language
- 9). DESK from Zedcor
- 10). LapLink a great IBM/Macintosh network translator

AMUG Specials...

600 Meg Group Buy...

AMUG has been offered a special on 600 meg hard drives. These 600 meg drives feature the CDC Wren series drive and FWB software. I have tried these products and found them very reliable. The special pricing on these items for AMUG members only will be \$1,750.00 for the internal drive and \$1,850 for an external. These prices are very good. When I purchased my 600 meg drive a year ago wholesale was \$3,300.00. These specials will be available until October 15, 1990. If you are interested call Michael Bean at (602) 892-5454 or send a check for the proper amount to AMUG, 718 E. Campbell Ave., Gilbert, AZ 85234. This is another example of the hundreds of dollars that can be saved as a result of AMUG membership!

Send...

Jim Hakanson, President of Gizmo Technologies at P.O. Box 14177, Fremont, CA 94539, (415) 623-7899 has agreed to offer AMUG members only a \$100 discount on a five pack of their great network software send. This product allows you to transfer files over Appletalk as well as clipboard information. The AMUG special will be \$79 for the entire 5 pack. You can order yours at the September 20, 1990 meeting or call Gizmo direct!

Microphone II...

Software Ventures at 2907 Claremont Ave., Berkeley, CA 94705 , (415) 644-3232 has agreed to renew their offer to allow AMUG members to upgrade their telecommunications package to Microphone II version 3.0 for \$95. This is \$200 off the regular price. For more details call Software ventures today!

Delta Graph...

DeltaPoint is currently offering DeltaGraph for \$69.95 to all members of the

Arizona MAC Users Group as a part of their Microsoft Excel Promotion. After that the price goes up to \$125.00. Contact DeltaPoint directly and mention that you want to take advantage of the "Excel Promo Offer". Call 408-648-4000. DeltaPoint, Inc., 200 Heritage Harbor, Ste. G, Monterey, CA 93940.

Design Studio...

The AMUG Design Studio offer was a great success. Many of our members participated in the offer and received the \$620 discount on each package purchased. If you missed out on this purchase of a great page layout program you have one more opportunity. You can purchase Design Studio a \$695 program for \$180 by sending \$180 to AMUG at 718 E. Campbell Ave., quantity is limited so hurry!

Vellum...

The list on Vellum 1.0 is \$995.00. As announced at our August meeting. When Vellum 2.0 is shipped the price is going up to \$1995.00. AMUG may purchase Vellum at \$495.00 until October 31, 1990 by placing the order with Mike Moe at (408) 746-0437. If Mike is not in please leave a message and he will return your call. Remember this is a one time offer and expires on October 31, 1990.

In the coming months AMUG™ has many events planned.

! On October 18, 1990 AMUG will host Microsoft and Farallon in a great Office and network product demonstration. This meeting will be in Phoenix at the Windom Resort. Microsoft will demonstrate Word, Excel, Mail, Power Point and a new product. Farallon will demonstrate Timbuktu, MacRecorder, a talking mail program and an unreleased new item. We expect 500 members at this meeting with Microsoft and Farallon giving away one of each of their products. So be their early! Call Paul Valach for further details at 967-3706.

! October 27, 1990 is AMUG's Annual Auction from 2:00PM to 7:00PM with over 150 software and hardware packages available. These Macintosh packages will be offered with bidding starting at 20% or less of retail value. Library copying and the "Best of" series will be available as well. This is not a meeting to miss! This meeting is tentatively scheduled at the Howard Johnson's but watch your newsletter and the AMUG hotline for further details.

! On November 15, 1990 AMUG will host Adobe featuring ATM, Type Align, and PhotoShop. ParaComp will show their modeling program and Occam will show Muse the "natural language" program. This meeting will be at 7:00PM in Phoenix at the Howard Johnson Hotel, located at University and the Freeway.

! On December 20, 1990 AMUG will have its annual Christmas show with vendors and members showing us their latest and greatest. Cookies and punch will be provided. Bring your latest and greatest Mac toys and creations to this show and we will all share our knowledge. Please call 892-5454 to schedule your booth today. This meeting will be at 7:00PM in Phoenix at the Howard Johnson Hotel, located at University and the Freeway.

Happy Mac'ing,

The Editor's Zone:.....Gary P. Fields

Articles must be submitted by the

5th of the October for inclusion in the November Digest.

Submit your articles to me at:

Gary P. Fields

5515 N. 7th Street Suite 5-108

Phoenix, Arizona

85014

or upload them to the Newsletter File Section of AMUG I BBS at 495-1713 or the file Section of AMUG II BBS at 947-0587 or call me at home at 263-8746 and we can make some kind of arrangements.

If you or anyone you know would like to advertise in the Newsletter or Digest; please contact Charlie Mort at 345-1244 or myself at 263-8746.

The new comers and beginners meeting now has its own projection system, so come join us and get the latest poop on the club and ask the questions you always wanted to ask. The September meeting will continue our discussion of Utilities. We will also have a guest speaker talking about HyperCard.

Bits and Pieces: Dorman L. Bullard

Downgrade Fees

Upgrading seems to be a way of life, and a new cycle is likely to start when System 7.0 is released. Sometimes we complain about the upgrade costs, particularly when it seems that the change is really a bug fix. I usually don't complain. When you think about it, all programs are going to have bugs and need upgrading sooner or later. If software companies decide not to charge much for upgrades, then they would just have to charge more for the program originally.

While I don't usually complain about paying for upgrades, how would you feel about paying for a downgrade? Well, there's a story on the nets that goes like this. Seems a company used MicroSoft Works for the PC, and had a lot of large, complex Macros developed. They decided to upgrade from MicroSoft™ Works version 1.02 to 2.0. When they purchased the upgrade, they bought some additional copies since their staff had increased.

Well, it developed that the new version didn't handle their Macros correctly, and MicroSoft technical said it was due to a bug in the new version. They said they would get around to fixing it "sometime." So, the company decided to go back to using the older version until the bugs were fixed. By the way they asked, "you don't mind if we make enough copies of the older version to equal the number of new versions we bought do you?" Well they were told it would be OK, provided they paid a fee of 15 dollars for each copy!

If you think about it, what this really means is that the company was downgrading from a purchased later version, due to a bug in the newer version. And they were being asked to pay for the downgrade? Well, wiser heads at MicroSoft prevailed, and they did not have to pay to make the copies. This being the case, writing about it might not seem too fair to MicroSoft, but the idea of a downgrade fee was just too much to pass up talking about!

The Norton Utilities

If you are thinking of buying a disk maintenance and repair program such as MacTools Deluxe, or the Symantec Utilities, maybe you should hold off a short while. The "Norton Utilities" package has started shipping, and those using it are raving about its power, speed, ease of use, use of the Mac interface, etc. The package contains disk recovery and unfragmenting (de fragmentation?) tools. It also has other utilities such as a reportedly extremely fast file finder, a folder maker, an improved key finder, and others.

I got a "rain check" at MacWorld for a press copy, but haven't received it yet. So, I can only cite the preliminary comments of others. But you would seem to be well advised to check this one out.

New Version of Shortcut

Speaking of new utilities, Stuffit Deluxe by Alladin Software has shipped. I have been using it a while but am withholding comment as much as I can until I get some more experience with it. Let me just say for now that my enthusiasm is not without its bounds. It has a lot of features, more than most of us will use. And there are some shareware file compression programs that seem to be faster while yielding greater compression. We'll do a review, or post results of other reviews soon.

In the meantime, why does the heading of this section deal with Shortcut and so far we've talked about Stuffit Deluxe? Well, because Stuffit Deluxe does not work properly with Alladin's own other utility Shortcut, reviewed in our March 1990 Digest. There is a new version of Shortcut out now (version 1.02) to fix this. What else it may do I don't know, since I haven't received it yet. In the meantime, there is a fix reported. Using Fedit, or other disk editor, search for the string "SIT2" in the resource fork of Shortcut, and change it to "SITD". Adam Frix provided this fix in the EchoMac net conference. He didn't say how many occurrences of the string "SIT2" there were. I found at least 7, and changed them all and it seemed to work. The standard disclaimer applies here. Do this at your own risk, and make sure you do it only to a copy of Shortcut, not your original. And don't blame us if problems develop. You could be safe you know and just wait for the new version.

#### New Version of On Location

I just received an upgrade of On Location to version 1.02. A quick description of On Location may be in order for those new to the group, or who, alas, may not have read my review in the July Get Info Digest, or, even worse, for those who may have read it and forgotten it already!!! On Location is a utility for rapid location of files either by filename, or by searching for a text string in any supported file (and it "supports" just about any file you can come up with). My review was glowing, so much so I was a little worried. I was happy to see some support in the commercial Macintosh magazines. One potential problem I mentioned was that I had an index file that became corrupted. I didn't know whether that was a fluke of some sort or not. Anyhow, I did mention that on my registration card when I mailed it in.

I received a letter with a free update which stated the new version should solve the index file corruption problem. It was nice to find that someone actually paid attention to the notes I put on registration cards. However, the read me file on the update disk didn't mention anything about corrupted index files. In fact it doesn't give much detail about just what the updates (plural since there was a version 1.01) fix other than to refer to "a few minor bugs." The read me file does identify some of the known incompatibilities with other files, and clarifies some usage problems.

#### Is it Safe? Issue #1.

Anyone recognize the "Is it safe" line from the movie "Marathon Man"? The short description of the line is that the villain played by Sir Lawrence Olivier (RIP) is trying to get some information from the hero (Dustin Hoffman). He tries by using a dentist drill in some ways too uncomfortable to think much about. That movie did for dentistry what "Jaws" did for ocean swimming. Since I am on this aside that is already out of control, I might as well quote what the comedian Buddy Hackett said on a quiz show as to what one should do if a shark was met while swimming. His reply was: "go immediately to the center of a large city."

Anyhow, "is it safe", in the context of this magazine, refers to whether your computer equipment is safely insured from loss or damage. Don Rittner, the editor of MUG News Service discussed this question in "America Online" magazine, a magazine that talks about the services offered by the America Online bulletin board service. Don said that at the National Apple User Group Conference, 63 percent of those asked said they had insurance on their computer equipment, 29 percent said no, and 8 percent said they were unsure. But according to Don, a lot of those saying yes believed their homeowner's policy covers all their computer equipment. But that may not be so. Don said that most insurance companies only cover up to \$3500 on a standard homeowner's policy. I can attest to that. My agent said our policy covered a home computer, and I believe my agent believed what he was saying. And, he was correct, but only up to \$2500. Well, I pretty much expected that. But I was checking it out because I was thinking of taking my Mac IIci to work and leaving it there a few days. Well, what I was told is that if I were not using it for business it would be covered. If it was being used for business it would not be covered. The discussion was as though they would take my word for it. However, insurance companies are always agreeable up to the point at which you even think about filing a claim! So, perhaps you should check this out. You can get a special coverage rider to your homeowner's policy for not a lot of money. Then you will be safe.

#### Is it Safe? Issue #2.

Or will you be safe? Even assuming you are safe monetarily from a loss of equipment, what about your loss of time if your equipment is damaged by an electric surge? Many companies sell surge protection devices which are suppose to protect your hardware from voltage surges. A lot of us have bought these, in some cases paying \$60-\$150 dollars. So, if you have one you are safe are you not? Well, perhaps not. I do recall from some time ago reading articles that most of the cheap devices that claim surge protection are practically worthless. Now it seems that even the more expensive ones may not offer much protection, notwithstanding their little glowing lights that are suppose to reassure us that all is OK. The article "SURGE PROTECTION" by Chris Bannister may tell you more than you want to know about this subject, but it might save a lot of money.

Well, that's all the bits for this month. keep those electrons moving along.

Macintosh Hotware: Michael S. Bean

AfterDark 2.0 - For the last few days I have been playing with a Berkeley Systems updated After Dark program. If you have a color Mac you will really enjoy all the new features, patterns, colors and sounds. The options I like best of the 50 screens available are Fish, Vertigo and Satori. This Fish pattern allows you to add fish, select how many, if the bottom is present, and plays glub, glub. This is a great effect on a color Mac. Vertigo creates a rainbow of color in many shapes and then spins the rainbow patterns, Satori is a nice bright multicolor mesh effect with a relaxing feel. I highly recommend this program. The product retails for \$39.95 and can be purchased mail order for much less. Berkeley is offering an upgrade to previous owners for \$14.95 or if you purchased it after June 1, 1990 \$5.00 and the disk. You can contact Joan Blades at (415) 540-5535 or write to Berkeley Systems, 1700 Shattuck Ave., Berkeley, CA 94709. Tell Joan AMUG sent you!

On Location™ - This DA was reviewed in the July '90 issue of the "Get Info" Digest. I saw the review and had heard some good things about this \$79 DA but until I tried it I had no idea how much I needed it. At work I type many research documents each day and at home I have several thousand AppleLink memo's and other notes. I always found myself looking for that missing quote or information. On Location has simplified this task 100%. With On Location it actually reads all the information in my documents, index's them and allows me to search that database by keyword or group of words. I found that the documentation did not provide for multiple word searches but when I tried separating the words only by an & sign, the criteria for the search was limited to both. This sure fire tool is a must have for anyone who has a lot of files on their drive. This DA will search all word processor programs, databases, HyperCard stacks, Excel files, Postscript files (Shows code), PageMaker, MacDraw, text files and anything else you can find in search of the text you want to view. Once you have located it, you simply double click on the item and it will actually show you the whole document and you can copy your material from it. You do not have to even have the original program that created your document to view the information. If you do any research or writing at all I would suggest On Location! On location is produced by Mitch Kapor at On Technology, One Cambridge Center, Cambridge, MA 02142. (617) 225-2545

MultiDisk™ - I have used hard disk partitioning since 1987 when I purchased my first 150 meg hard drive. Partitioning software is very important on meg-a-hundred+ drives in order to keep fragmentation down and for ease of backup. Since the beginning I used FWB's hard disk partition. This software worked great and few knew you could break the password with a few tricks but I found the 32 megabyte size restriction to be too small as I backup to 42 meg syquest cartridges. Until recently I thought I had to put up with these limitations then I discovered MultiDisk by ALSoft. This partition software allows you to create partitions any size you want and over 32 megs. It also allows you to increase or decrease the size of the partition without erasing its contents. Other options include locking the partition, encrypting the data, password protection (have not broke this one yet), and auto mounting at startup. If you want a security partition or just want to increase your hard disk performance I highly recommend this product. ALSoft is located at P.O. Box 927, Spring Texas 77383, (713) 353-4090.

Paint vs. Draw: Prof. Jim Alley  
Basic Macintosh Graphics

To draw or to paint; that is a question we all understand in the real world. It's the simple difference between a brush and a pencil. In the world of computers, however, Draw programs and Paint programs represent two very different approaches to the creation, manipulation, and printing of images. These are the two basic types of graphic programs available on a computer, and each is suited to different objectives. I hope to make the differences clear in this article.

For many of us who bought a Macintosh in the "first 100 days" way back in 1984, MacPaint was the program that won us over. It was a long time before MacDraw came out, with its new possibilities. Paint programs continue to be very popular on the Mac. Draw programs, however, are often a source of confusion for those who have not explored them.

Paint programs are great for sketchy, textural, spontaneous graphics and have familiar tools such as pencils, brushes, erasers, spray cans and fill buckets. Draw programs, on the other hand, are easy to use and are capable of editable, scalable and accurate graphics at very high levels of resolution.

Paint programs and Draw programs represent the two basic types of computer graphics. These two pictures may help to illustrate the differences. The portrait at the top of this page was created with the airbrush tool in SuperPaint 2.0. The picture is characterized by a textural, sketchy look. Notice that the image is made up entirely of black and white dots, or pixels. The woman's profile at the right was accomplished by using a draw program to trace over a piece of commercial clip art. It is composed of smooth lines. The "texture" of the hair is created with lines only.

#### Bits of an Image

Paint programs are often referred to as bitmapped graphics programs. Bitmaps are so called because the picture is composed of the dots (or pixels) that form the picture on your monitor. When you print a bitmapped picture, each dot is sent to the printer, which reproduces the picture dot by dot (bit by bit).

Each screen dot has a specific value or color which is based on the number of bits assigned to it. Until the Mac II came along, all Mac paint programs were one-bit, or black and white. (A bit can be either on or off—black or white.) Now, we often speak of "8-bit color", which can have up to 256 colors ( $2$  to the eighth power = 256). 24-bit color has the theoretical possibility of over 16 million colors, although that's more colors than there are pixels on a monitor.

Because each pixel in a painting is independent, editing can be painstaking. Fat-bits (magnified) modes allow you to "zoom in" on a small area in order to change individual pixels. If you want to move something from one area to another, you have to carefully lasso it and drag it to a new position; and you'll leave a hole in its previous position. Stray bits can be a problem, too, demanding a lot of cleanup time.

Enlarging and reducing (or stretching) a painting will usually cause significant loss of detail, because the program has to reassign the position and number of dots. If you think of fine graph paper where you can only fill the tiny squares in, you'll have a better understanding of the structure (and limitations) of a paint program.

Graphics created with a paint program do not reduce well. These planes were created with MacPaint.

Text can look especially bad in a paint program, since the letters are bitmapped, too. This means that the text is not editable in a paint program; if you decide later to change the font or size or spelling of text, you'll probably have to erase the entire area and re-paint it all. Draw Aircraft [Show at two or three Graphics produced with a drawing program can be reduced without significant loss of definition or detail, as is shown in this MacDraw picture.

#### Drawing Programs

Drawing programs represent an essentially different method of creating, editing and printing shapes, a method which demands a different approach, and which can give strikingly different results.

All of the elements in a computer drawing are objects (rather than collections of pixels). These objects are independent shapes, such as lines, arcs, curves, and so forth. Objects are mathematically defined as to their attributes: the beginning point, ending point, line thickness, fill pattern, etc. Drawing programs are also sometimes called object-oriented programs or vector graphic programs.

The computer keeps track of the attributes that define a given object. You can easily change one attribute without affecting the others. Imagine trying to increase the line thickness of a face in a paint program; this would be very easy with a draw program. If you move or resize an object, the computer simply recalculates the math and redraws the object. For this reason, we say that objects in a drawing are editable. Just as the words in a word processing program can be rearranged, or made bold, or have the spelling changed, objects in a drawing can have their fill patterns or their line weights changed, simply by selecting them and then choosing a new attribute.

Arrows 1 The drawing of the arrow (left) is made up of four shapes: two arcs, a triangle, and the background rectangle. The exploded view at the right shows the individual “objects”.

Once the shape has been drawn, it can be stretched without losing resolution.

The shapes can be duplicated and rotated, and the fill patterns can be changed at will.

In addition to being editable, the objects in a drawing are said to be “device independent”. This means that the computer sends the mathematical description of the object to the output device, rather than the specific dots that make up a bitmapped painting. The printer (or plotter or typesetter) can then interpret the math and “draw” the object at its highest possible resolution; from 72 dots per inch for the screen or an Imagewriter, to 300 dpi for a LaserWriter, to 2500 or more dpi for a Linotronic imagesetter.

Another difference between the two types of programs is in the amount of space required to store the images. Remember that a paint program has to keep track of all of the pixels—the white pixels as well as the black ones. A simple MacPaint file, for instance, consists of 572 by 720 pixels. That’s 414,720 bits of information—about 40K. A high-resolution color painting can require several megabytes of memory and disk space! A drawing, on the other hand, only needs to keep a list of attributes. The size of the shapes, or of the drawing as a whole, doesn’t matter—only the number and complexity of the shapes.

Some readjustment of thinking will be necessary in order to effectively use a drawing program. Consider, for instance that a draw program has no eraser! (See editable arrows.) Another area that is often confusing to beginners has to do with zooming in for detail work. In a drawing program, you will never see a “fat bits” mode, because a drawing is not made up of pixels!

No matter how far you zoom in, you’ll never see individual pixels in a draw program.

The Best of Both Worlds?

There are now a number of programs which provide both paint and draw tools. These may be your best bet, since they provide access to both types of graphic approaches. SuperPaint was the first to become available. It uses two layers: a paint layer for sketchy, textural effects, and a draw layer which provides high resolution, editable objects. Flipping back and forth between the two layers is quick and easy. UltraPaint is a new program from Deneba that allows several layers, as well as color and grayscale painting. Both of these programs have most of their strengths in the paint mode. Canvas (also from Deneba) is another program which features both painting and drawing tools; it is a very powerful program which can perform admirably in a many different circumstances. Canvas’ drawing tools are hard to beat.

Most of these dual-purpose programs also allow for high-resolution bitmaps, but be aware that these can be real memory hogs; an 8 1/2 x 11” 300 dpi bitmap will weigh in at about a meg.

Draw programs can have a great many more features than I’ve been able to cover here: scale rulers, Bezier curves, auto-dimensioning, and more. There are also special-purpose programs: photo retouching programs (bitmaps) and PostScript drawing programs such as Illustrator and FreeHand. We’ve come a long way since that first MacPaint.

By Jim Alley

Professor of computer Graphics, The Savannah College of Art and Design reprinted from Mac Monitor, the newsletter of the Savannah Macintosh Users Group(all illustrations by the author)

AMUG Super Auction: Michael S. Bean

Macintosh Bargains Galore...

When: October 27, 1990 - 2:00PM - 7:00PM

Where: Howard Johnson's Plaza Hotel - University & Freeway

The following line up represents the contents of the first annual AMUG Fund Raiser/Auction. This auction will end on October 27, 1990 at 7:00PM. You are not required to attend the auction to bid, however, bids are open until all of the products are sold on October 27, 1990. You can place bids by mail or in person. Mail in bids must be received by October 26, 1990 at 5:00PM. All mail in bids must contain a check in the amount of your bid and be sent to 718 E. Campbell Ave., Gilbert, AZ 85234. Should you be the successful bidder, the items you selected will be made available for pickup or you may make other arrangements to fit your needs. Should your bid not be successful your check will be returned to you. All prices listed in the retail column are on the left side and the minimum auction bid is on the right. For those who desire to attend the auction, the times are listed above each group of products as to when they will be offered. If you have questions on any of the products or the auction procedures please call Michael Bean at (602) 892-5454.

You will find these prices very low and usually half of mail order prices. All monies you expend to purchase your favorite products at these tremendous prices helps AMUG continue to provide GREAT programs. Please participate in the auction and help us make it a great success. You will not find these prices again until next years auction!

Vendor Appreciation...

Please keep this list of vendors and products available for reference. We need to remember their efforts towards supporting AMUG. If you need products that these vendors produce please consider them first and recommend them to your friends and business associates. AMUG™ is very fortunate to be supported by all of these vendors and we would like to see all our members remember their donations to your Macintosh Users Group.

#### GROUP 1

Bidding open from 2:00PM to 2:40PM

Product Name	Company Name	Phone Number	Retail \$	Minimum Bid \$		
101 Macros for Excel	Individual Soft	(800) 336-3313	40	15		
40 AMUG "Best of" Disks	AMUG	(602) 892-5454	240	79		
Acta Symmetry	(602) 998-9106	75	20			
Acta Advantage	Symmetry	(602) 998-9106	125	40		
Address Book Plus	Power Up	(415)345-5900	90	30		
AfterDark	Berkeley Sys.	(415) 540-5535	35	15		
Alarming Events	CE Software	(515) 224-1995	125	40		
Amazing Paint	CE Software	(515) 224-1995	100	25		
American English Writing Guide	Nova	(800) 950-6682	60	20		
American Business Letters	Nova	(800) 950-6682	60	20		
AntiToxin	Mainstay	(818) 991-6540	100	35		
Apple mugs	Apple	(800) 538-9696	8	3		
Apple T-Shirts	Apple	(800) 538-9696	12	4		
atOnce	Layered	(617) 242-7700	500	150		
Backfax	Solutions	(802) 658-5506	225	70		
Blue Print	Graphsoft	(301) 461-9488	500	100		
Business Class	Activision	(415) 329-7616	50	15		
Calendar Creator	Power Up	(415) 345-5900	60	20		
Call XCMD	Cybersoft	(403) 437-2798	125	25		
Capture 3.0	Mainstay	(818) 991-6540	95	20		
Carbon Copy	Microcom	(617) 551-1999	200	75		
Checkfree	CheckFree	(614) 898-6000	75	25		
Color Studio	Letraset USA	(201) 845-6100	2,000	250		
Comment	Deneba	(305) 594-6965	100	25		
Deltagraph	DeltaPoint	(800) 873-0008	150	40		
Design Studio	Letraset USA	(201) 845-6100	700	180		

Desk Zedcor	(602) 881-8101	300	100		
DeskPaint	Zedcor (602) 881-8101	150	50		
Director 2.0	MacroMind (415) 442-0200	695	165		
Disk Doubler	Salient (415) 852-9567	40	10		
DiskExpressII	ALSoft (713) 353-4090	100	40		
DiskTop	CE Software (515) 224-1995	90	30		
Disk Ranger	Graham (303) 422-0757	60	15		
DocuComp	Advanced (408) 733-0745	160	40		
Excel	Microsoft (206) 882-8761	400	85		
Falcon 2.2	Spectrum (415) 522-3584	45	10		
FamilyCare	Lundin Lab. (313) 559-4561	100	25		
Fast Forms	Power Up (415) 345-5900	175	65		
Ferrari GrandPrix	Bullseye(702) 265-2298	50	15		
FileMagic	Magnus Corp. (206) 828-1789	75	20		
FileVision IV	TSP Software (714) 731-1368	400	95		
FlashBeagle	brothers (619) 452-5500	195	50		
Focal Point	TenPointO (415) 329-7616	65	15		
Fokker TriPlane (Color)	Bullseye(702) 265-2298	50	15		

GROUP 2

Bidding open from 3:00PM to 3:40PM

Product Name	Company Name	Phone Number	Retail Bid \$	Minimum	
FoxBase+	Fox Software	(419) 874-016	500	125	
Freedom of Press	Custom App.	(508) 667-8585	350	125	
Front Desk	Layered	(617) 242-7700	250	65	
Garvis MouseStick	Advanced	(206) 637-2825	100	35	
Gallery	DreamMaker	(800) 876-5665	80	15	
Handwriting Analysis	Ciasa	(415) 644-2771	100	25	
Help for Excel	Help Software	(408) 257-3815	100	25	
HFS backup 3.0	PCPC	(800) 622-2888	95	25	
Hyper KRS	Knowledge	(800) 456-0469	150	40	
HyperBasic	Teknosys	(813) 620-3494	99	35	
HyperBible	Beacon	(800) 777-1841	200	45	
HyperDA	Symmetry	(602) 998-9106	90	25	
ImageGrabber	Sabastian	(206) 861-0602	50	15	
In Box	Sitka	(415) 769-9669	190	75	
Informed Designer	Shana	(403) 463-3330	400	95	
InitHound	Cambridge	(617) 484-8364	95	25	
InitPicker	Microseeds	(813) 882-8635	50	15	
Interface	BrightStar	(206) 451-3697	350	95	
Keyplan	Symmetry	(606) 998-9106	300	85	
Language Master	Franklin	(609) 261-4800	100	30	
LapLink	Traveling	(206) 483-8088	175	60	
LetterWriter Plus	Power Up	(415) 345-5900	90	30	
LifeART	TechPool	(216) 932-5200	125	25	
MacDraft 2.0	IDD	(415) 680-6818	300	95	
MacFlow	Mainstay	(818) 991-6540	200	60	
MacKnowledge	Prometheus	(503) 624-0571	300	50	
MacMoney v3.5	Survivor	(213) 338-0155	100	35	
MacRecorder	Farallon	(415) 849-2331	250	85	
MacSchedule	Mainstay	(818) 991-6540	200	60	
MacScheme Compiler	Lightship	(503) 643-4539	300	85	
MacServe	Infosphere	(503) 226-1407	250	60	
MacTools	Central Point	(503) 690-5162	75	20	
MacVision	Koala	(408) 287-6278	400	150	
Make Test	Mountain Lake	(415) 665-5302	200	50	
MarcoPolo	Mainstay	(818) 991-6540	225	65	
Mark up	Mainstay	(818) 991-6540	200	60	

GROUP 3

Bidding open from 4:00PM to 4:40PM

Product Name	Company Name	Phone Number	Retail \$	Minimum Bid \$		
MasterJuggler	ALSoft	(713) 353-4090	125	40		
Math Blaster	Davidson	(800) 556-6141	50	15		
MiBac Jazz Improvization	MiBac	(507) 645-5851	125	35		
Microphone II	Soft Ventures	(415) 644-3232	300	80		
Microsoft Word	Microsoft	(206) 882-8761	400	95		
MultiDisk	ALSoft	(713) 353-4090	85	30		
OmniPage	Carae	(303) 841-7631	500	95		
On Location	On Technology	(617) 225-2545	100	40		
Partner	Salient	(415) 852-9567	85	35		
Personal Phone	Personal Soft.	(804) 898-3541	125	35		
PhotoPress	Blue Solutions	(805) 371-4521	300	95		
Pixel Paint Professional	SuperMac	(408) 245-2202	500	175		
PlayMaker Football	Broderbund	(415) 492-3200	45	10		
PowerPoint	Microsoft	(206) 882-8761	400	125		
Prograph	TGS Systems	(902) 429-5642	300	75		
QuickDex	Casady&Green	(408) 624-8716	40	10		
RagTime 3	Ragtime	(415) 780-1807	500	95		
READ-IT OCR	Olduvai	(800) 822-0772	350	75		
Redux	Microseeds	(813) 882-8635	75	35		
Retrospect	Dantz	(415) 849-0293	200	75		
RivalMicroseeds		(813) 882-8635	75	35		
Send Express	Gizmo	(415) 623-7899	180	50		
Shadow	Natural Intell.	(617) 266-7858	85	25		
SilverScreen	HyperPro	(408) 446-4800	100	30		
SimCity Supreme	Broderbund	(415) 492-3200	75	15		
Solitaire Royale	Spectrum	(415) 522-3584	40	10		
Stepping Out II	Berkeley Sys	(415) 540-5535	75	30		
Sticky Notes+ Survivor		(213) 338-0155	100	25		
Streamline	Adobe	(415) 961-4400	350	100		
Stuffit Delux	Aladdin	(212) 410-3080	100	30		
SuperLaserSpool	SuperMac	(408) 245-2202	125	35		
TeleMagic	Remote Control	(800) 992-9952	500	65		
Tempo II	Affinity Micro	(303) 442-4840	200	60		
Trendware XCAL	Trendware	(203) 926-1116	150	50		
Typing Instructor	Individual Soft	(800) 336-3313	50	19		
VersaTerm Pro	Synergy	(215) 779-0522	250	85		
VideoPaint	Olduvai	(800) 822-0772	400	95		
Virex	Microcom	(617) 551-1999	85	35		
Vivid Impressions	Casady&Green	(408) 624-8716	100	35		
White Knight FreeSoft		(412) 846-2700	100	40		
Wild Things	Language Sys	(703) 478-0181	150	60		
Word Wrapper	ITDC	(415) 929-0924	40	10		
WorksPlus Command	Lundeen	(415) 769-7701	150	40		
WriteNow	T/Maker	(415) 962-0195	200	60		

GROUP 4

Bidding open from 5:00PM to 5:40PM

Product Name	Company Name	Phone Number	Retail \$	Minimum Bid \$
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This group will contain all product received between now and October 20, 1990 from late donations. This is expected to be approximately 50 more packages and will be continued until finished.

AMUG Library and Best of Disks

Shown 6:00PM to 6:40PM

From 6:00PM to 6:40 AMUG will demonstrate the library and News Stacks along with providing cookies at this time to celebrate a great event! Come and join us for the entertainment and fellowship with your Macintosh friends!

DISK by Mail: Tom Deasey

AMUG has started a new disk by mail service. Have you been an AMUG member for a long time and don't have access to the club's library as much as you would like to? Well, here is the answer to your dilemma. The disk by mail service is here to help members who can't make it to any of the meetings to get the library and for those who live out of town and would like to get the current public domain and shareware software on a monthly basis. For a small fee, members can get the current AMUG library disks by mail.

The Disk by Mail service has two parts. The first part offers the complete library for ordering at a rate of \$3.00 per 800k disk for AMUG members and \$6.00 for non-members (plus Arizona Sales tax, shipping and handling). Special Note: All disks are 800k DS/DD. So ordering is in pairs with odd number first ie., AMUG 245+246 not AMUG 246+247. The complete listing of the library is offered in two forms. The first is Browser which is a text file database. This requires a minimum of two 800k disk drives or a hard drive to unstuff the files and run. This disk also contains an order form in MacPaint format to print and order your disks on. The second format the library comes in is a HyperCard Stack which offers a complete description of the library and information about the club, upcoming meeting dates and a lot more. They both come on a 800k floppy disk and are \$3.00 each (for both members and non-members). To order one or both of these disks send check or money order payable to AMUG (Arizona Macintosh Users Group) to:

AMUG Disk By Mail  
C/O Tom Deasey  
7019 E. Palm Ln. #2  
Scottsdale, AZ 85257

The second part of the AMUG Disk by Mail service is a subscription service. This service is set up to get you the latest AMUG library disk as soon they are available to the club members. If you take advantage of this service every month you will get in the mail usually within one week after the General meeting three 800k diskettes with the latest public domain and shareware software. The fee for the Subscription service is \$25 for three months, \$50 for six months and \$100 for one year (12 months). That is all you will pay. The subscription service can be obtained by sending your fee and stating the month you would like your subscription to start. If that month's library is in stock then it will be sent out as soon as I get your order. If your starting month has not come yet then you can plan on getting your first disk within a week or two after that month's main meeting. Then you can expect the library every month after that time.

A special that is only available through the Disk by Mail service is AMUG Best disks. There are 15 different categories of disks with a total of 37 disks available AMUGs best public domain and shareware software.

Lea Bromley

Ah! Time to look at the Best of . . list again. The August meeting saw several new disks introduced and a couple of updates for some oldies. Available for some time now but unheard of in the lists are a complete set of disks containing all past issues of the AMUG Newsletter and Get Info Digest. We only have a few of these at any one time so if you are interested, let us know. Watch out for the July issue of the Get Info Digest as it is a monster and we have had to compress it to squeeze it on to one disk. When expanded to full size, it fills two disks (1.3 Meg) Do not attempt to open it (double-click on the icon) unless you have put it on a hard drive that has enough room for that amount. There is smaller, edited version is available if you do not have a hard drive.

Utilities II is a new offering. It contains ResEdit 2.0 and a Primer to teach you some of the fundamentals of using this powerful tool. The old Utilities disk was updated with a Compactor package and the old ResEdit was deleted.

The series of CDEV's/INIT's disks was updated and revised. Disk I gained Eyeballs, a startup document and SureSaver, Boomerang was updated and moved to CDEV's IV; HeapTools was added to Disk II and SunDesk removed to IV; disk. III remains unchanged; Disk IV (the new kid on the block) contains the newest version of Boomerang, Clipboard Magician, DeskWriter Aid, OverTime, and the SunDesk folder from II.

VIRUS has been updated again with the newest versions of Disinfectant (2.0), Gatekeeper and its companion Gatekeeper Aid. This is the one disk of the entire collection that keeps changing instead of new disks being added. We have attempted to keep it loaded with the best and most up-to-date versions the virus detection applications and information. If at any time you become aware of a new, different and truly effective anti-virus application available as public domain software (share or free) please let us know.

At last two new collections of Games are available, Games III and IV. III has Blocker, Klondike, Lets Get Tanked!, Monopoly, Montana, PhrazeCraze and Slugger. Disk IV includes CrossWise, Forty Thieves, Orion, Precision Cribbage, Risk and Stratego. If you can keep your copies out of the hands of the mini-MacUsers, have a ball. Once you have surrendered these two disks and the keyboard to them, you may have a long wait before you can try them. Do let us know which ones you like best!

Okay! It has finally begun. The Newsletter may now be getting a comics section just like a real newspaper. Mike Bean has found a collection of Comics which is now being offered as The Comics on a new Best of title. In addition to having a grand group of chuckles for yourself, these might be just the ticket for that company, club or family newsletter you are composing or to which your office/department must contribute. These are computer-oriented, but we would be interested in acquiring collections in other areas of interest, such as sports, business, classroom, ??? We are open to suggestions and submissions.

Please note that this column, by necessity, is prepared nearly a month before the similarly dated meeting. I am preparing the October column in August for a deadline set by Editor Gary Fields at September 5. So, the Directory, available on the Best of. . table will continue to be the most current information available on the Best of. . collection. To keep yourself updated on what has been revised or added pick up your free copy of the Directory every month and read the Announcements block.

We now have a new pricing package, so start making out your want list before you come to the October meeting. The Best of. . collection can be obtained 10 disks at a time for the package price of \$25. This is your chance to pick up the entire group of Clip Art (for example) in one chunk.

I want to take this opportunity to say thank you to those of you who have been offering suggestions, comments and contributions. The sales are better every meeting and more of you are contributing your ideas. Keep it up and we will be able to assemble one of the best collections of public domain software for the best price.

One of the suggestions made recently has been a Sports oriented disk. So if you are aware of Clip Art, Comics, Games, etc., which relate specifically to Sports, we'd like to hear from you. Please contact Mike or myself at the meetings (Main or Tempe), on the BBS or by phone (home evenings 838-4036); or contact Michael Bean by BBS or at 892-5454. This could be a classic.

Also, I've heard a few comments about the Fonts disks. It seems that there are several scientific (symbol) fonts included on the two disks currently available. So I will start a search for new and interesting fonts to replace a couple of them and perhaps, if I find enough, issue a third disk. Any candidates?

My Hero and I went to the special meeting sponsored by LetraStudio. Wow! Great stuff they are marketing. Perhaps someone out there with a copy of FontStudio™ could create a font specially for AMUG. Anyone who came to this meeting saw our new disk cases. Boy, is it easier to carry all these disks now. Thanks, Michael Bean, for thinking of your Best of. . team. The cases really help.

This column is a bit short this month for two reasons. First, most of the major contributors to the program have been extremely busy with setting up the LetraStudio meeting and getting ready for the October Auction Special. (That should be an exciting event. The other reason is personal. Mike and I took a trip to the lovely State of Washington to see one of our new Grandsons, then another trip to Nevada to see the other new Grandson. What little money that was left over from the trip expenses are going into having the photographs developed!

Best-Of-Disks:       Lea Bromley

BUSINESS

Date Key

Logger.sit

Set Clock 2.0

InfoMaker

Network Clock

(ClockSynch)

Stuffit 1.5.1

Excel Templates.sit

All the following

are Excel templates

Anesthesia

APOD 1.8

Arranger 1.5

Business Failure Test

Cellular Phones

Closing Costs

CSFERS09.EXL

EE Bond

Excel Budget

Excel Compound Interest

Investor - RE

MacBIB v3.1

Mac Qualify VO.58

MacQualify Macro

MortAmtMSv4.0

Payroll

Remove Password

Realtor

Schwab

Talkback Demo

VIRUS

Vaccine™ V1.0.1

Disintectant 2.0

Eradicator 1.52

Gatekeeper Aid 101

GateKeeper 111

Virus Encyclopedia

Virus Rx1.6

VirusDetective4.0.2a

UTILITIES

Alias 1.01

Backdrop.2.16

Chime 3.3

CompactorPkg

Disk Librarian

Duplicator

FKey Collector

Floppy Fix.

Layout 1.9

MacSnoop.

PowerOut 1.02

RamDisk+ 2.08  
To MultiFinder 2.2  
Where's it.1.2  
UTILITIES II  
ResEdit 2.0  
ResEdit Primer  
Serial Fix  
HYPERCARD  
Deprotect  
Dinosaurs.sit  
iConcepts  
Lunar Lander  
MacSlot  
Rise & Fall of ...  
ShutDown Stack  
The Pick!  
Tiles  
HYPERCARD II  
Easy Labels -VHS  
MacSpeedo 1.9.5  
MiniFinders Stack  
Modem Commands  
ResCopy 4.0  
The Constitution  
HYPERCARD III  
CatStuff  
EditString  
Eject Disk  
HyperCheck  
MacBooks  
QuickCompact  
ScriptView  
ScrollBar  
StackScan 1.3  
HYPERCARD IV  
800 Numbers  
AMUG NewsBytes  
Bartender  
CapIt XFCN.No Installer  
Deprotect  
DiskManager 1.03  
Due Date Calculator  
FindFile XFCN  
Gestalt XCMD  
GetMounted Vols  
Paint PICT XCMD  
Progress XCMD 1.1  
Studio  
US Set XCMD 1.1  
TELECOM  
9600HST\$50  
AMUG BBS  
Copernicus Review  
MCS 1.1  
Newsbytes.sit  
Stuffit 1.51  
ZTerm85  
TELCOM II

Disk Doubler 2.03  
Evolutions  
GEnieDL'er  
RR 9.4+ Docs  
RRHSSList  
MAC II  
Giffer 1.06  
Kolor  
NTSC F-Key  
Snap 2.1  
Vision Lab  
Icon Colorizer  
MacIIslot Tools  
Screen to Pict II  
Video Out  
TEACH TOOLS I  
Class Administrator  
Congress  
Constitution of US  
HyperFlash  
HyperQuiz  
MacN States  
Mad Math Minute  
Neurotour  
Pcal  
TEACH TOOLS II  
EasyLabels - VHS  
Gradebook  
HangMan 9.0  
HomeCheck 2.0.1  
LetterWriter 1.12  
Neuron Action Pot .5  
SD Gradebook  
Spelling  
StTeacher  
SuccessNotes  
TEACH TOOLS III  
Animal Year Calculator  
H(vapor)  
Meso  
Ocular Anatomy Tutor  
RPN Calculator  
Southwest Roads  
SpeechWriter  
SpellTest  
Spies  
TEACH TOOLSIV  
HyperHawaii 1.0  
MathAdv  
MESTROSTK  
Mr. Potatohead  
TEACH TOOLS V  
Arizona Time Piece  
Astronomical Events  
AstroStack 1.1  
Band Library  
Eliza 1.5  
Full Moon

Grid Walker  
Music Teacher Note  
StarChart  
Stars Q&A  
TEACH TOOLS VI  
Word Tutor 1.1 Demo  
Tyrian.cpt  
Math  
POSTSCRIPT  
Alex.eps  
Butterfly (AI)  
Ironman (f)  
Jessica! Live!.eps  
Michelle Art (AI)  
POSTSCRIPT II  
Chaplin (f)  
Fleur-de-lis (f)  
Groucho Duck.eps  
Illus. Lions (AI)  
Mona Lisa (AI)  
Monroe Totem (AI)  
Opus (AI)  
Page Art.eps  
Rodeo Clown Totem  
Tiger (AI)  
Tokyo Mic & MinSOUNDS  
Soundmaster 1.6  
Arcade  
Bells of Eternity  
Beetlegeuse  
Boom! Oooooh...!  
Butthead!  
"Bye"  
Drum  
Female "Hi!"  
Game over, man!  
Had enough, ay!  
Hi There  
I order you to be...  
I'm being repressed  
I warned you  
Insert Disk  
Jazz Piano  
K.Letmeoutahere  
Klaxon  
Nice Software  
Personality Prob.  
Parker Night  
Puke  
Ricochet  
Robotic  
Samba  
Sonar  
Space Gun  
Taunt you a second  
Tympani Roll  
TypeKey  
TypeReturn

Type Space  
Welcome  
SOUNDS II  
Soundmaster 1.6  
Amadeus  
Bassoon & 'Bone  
Better Boing  
Bing  
Breaking Glass  
Casio (try me)  
Clint Eastwood  
Don't go yet...  
Drop of Water  
Go ahead, make my  
Have you been studying?  
Laughing Warning  
Tennis?  
Tympani (2)  
What do we have  
SOUNDS III  
Soundmaster 1.6  
Deep Thought  
Eddie Computer  
Horses  
Idiot!  
MacFart  
Ta Ta for now  
Self Destruct...  
Sledge Flute  
Wild Willy  
Yeah, Yeah, That's  
SOUNDS IV  
Soundmaster 1.6  
Change Your Mind  
Crash!  
Don't be ridicerous  
End of Line (2)  
Go ahead...  
Greetings Program!  
How do you feel  
Illegal Exit  
Keaggy beep  
Look up in the sky...  
Magic (2)  
Nyuk Nyuk  
Samba  
So Very Disappointed  
This Chic Is Toast  
Trying to think  
Welcome  
What???  
WOOBWOOB  
Yabba Dabba Do  
YYYYessss  
CLIP ART  
AllVfaces 1  
Base  
Bill the Cat

Donald gets MAD  
Falcon Cliff  
Opus Relaxes  
Order and Chaos  
Out of Order  
Paper Doll  
Party Time  
Passover  
Pooh  
PresDay  
Rexbo  
Ronnie Regan  
Santa  
Sleigh Ride  
St. Peters, Rome  
Super Bloom  
Super Bario  
Tablet Cars  
Thanksgiving  
The Art Gallery  
The Frog and the Princess  
Tibetan Creatures  
TOONS  
US Map Sample  
Valentines  
Werewolf (Vallejo)  
White House  
Women's Faces  
Wood Panel  
Xmas Scan  
Xmas Tree  
CLIP ART II  
4th of July  
Alf  
Any Key?  
Architecture  
Be my Valentine  
Black Beauty  
Bloom County  
Bugs  
Car Logos  
Chester Cheeta  
Clip Art Demo  
CSF "take this"  
Disney Clip Art #1  
DK1ART  
Dragon Escher  
Garfield on Stage  
Globe with Hand  
Hacker 4  
House Blocks  
Illusions #1  
Inside MacPaint  
Key West  
Liar's Club  
Little Red Riding Hd  
Madonna  
Max Headroom

Meacham/Mofford  
Mickey and Minnie  
Nature  
Nerd Comic II  
New SE Motherboard  
Ollie confesses  
CLIP ART III  
16 Dragon  
A/V Tape Labels  
ALF  
Apple Components  
Apple Computers  
Artoo  
BatFace  
Billboards  
Bird City 2.0  
Bloom Picts  
Bouquets  
Bullies  
ChrisGehlker's  
Collection  
Dragon 2  
Dragon Wins  
Easter  
Egret & Gorilla  
Eight Heads  
Einstein  
Elvis  
Escher  
Escher Dragon  
Fishing  
Flowers 1  
Flowers 2  
Flowers 3  
"Lord of the Rings"  
Glove  
"I"  
Large Scroll  
Library  
Mac Dali  
Man/Dragon  
Music  
St. Basil's  
CLIP ART IV  
Caution #2  
Animals  
BackAlley  
Bear/Raccoon  
Billboard (f)  
Camping  
General  
Grimm #1  
Grimm #2  
Gurgi  
Hacker  
Headrest  
Headroom  
Hit on Head

Horse  
Illusions #3  
Jack in Box  
Kids  
Little Xmas  
MacPix  
Mac Llectic  
MacWife #2  
Madonna #2  
Misc  
Murray & Ackroyd  
Panda  
Political Cartoon  
Pussy  
Rhinoceros  
Snoopy  
CLIP ART V  
Chester Cheeta  
Clip Art folder  
Comics  
DataLoss  
Disk Art  
Edison  
Egyptian  
FishTank  
GahanWilson Courtroom  
Hudson '12/Ford '13  
Kamikaze Bees  
Lighthouse  
Lion  
Mac Model  
Miscellaneous  
More Xmas (TNA)  
More Youth Graphics  
Mr. Bill  
Star Trek  
CLIP ART VI  
Digiclips  
DW Sampler #1  
Famous Artists  
Holiday Art  
Hollywood Art  
Hollywood II  
Nautilus  
Trekies  
THE COMICS  
Eight Vol. of the Comics

CDEV/INIT  
Big Pat  
Broadcast 1.2  
Choose DCEV™  
DA Menu  
Dawn 2.0  
Earth 1.0  
Envy 2.1  
Eyeballs

F1F4v1.3  
Fish!  
Front & Center  
Icon Color 1.5  
IconWrap  
InUse  
INIT CDEV 3.0  
Kolor  
MacsBug  
MiniScreen 1.3  
Moire 3.02  
Pik-a-Pat  
Popup 2.0  
Preview  
Q Folder  
RAM Disk CDEV  
Scrap Saver  
ScreenMaster  
SCSIProbe  
SFScroll INIT  
SFVol INIt 1.5  
SuperClock 3.0  
SureSaver  
Vaccine™ v 1.0.1  
WindowShade 1.1  
CDEV/INIT II  
Apple800K Eject  
BeepShuffle  
Cursor Animator 1.0  
FinderSounds 1.21  
FlashWrite  
HeapTools  
Lip Service  
MacinTalk  
MaxApple 1.2  
PopChar  
Scroll 2 v2.0.7  
TypeIt4Me  
VoiceBox 1.2.1  
CDEV/INIT III  
Big Cheese  
Chime 3.3  
Color Finder  
CrossLaunch  
DiskDoubler 2.03  
ExtraColor 1.2  
Flipper Folder  
FolderShare  
ForceMount  
MacPlus/030  
MaxFiles  
MemINIT 0.91  
Mouse CDEV  
QuickSpool  
ScreenMaster  
Set Paths 1.0b2  
SGil  
ZoomBar

Zorba  
CDEV/INIT IV  
Boomerang 2.02  
Clipboard Magician  
Desk Writer Aid 1.1  
OverTime  
SunDesk Folder  
LASER FONTS  
Antipar  
ArchiMed  
Beatsville  
Belsley/Bartholomew  
BillDing  
Cheq  
Cunei  
Faustus  
Grey Helvetica  
HelvFractions  
Hi-Lo-Med  
Laser London  
MoonLite  
OCR LaserFNT  
LASER FONTS II  
Lafitte  
Princeton  
Rodchenko  
Shpfltnat 1.5  
Sinaloa  
Stalingrad  
Thomas  
DA's  
Address Book 2.5  
Airports  
AmortDA+  
AppleTalk View  
Artisto 2.01  
Calendar 2.1  
DAbase DA v1.4  
DiskLock™  
Go-Go!  
Hex Calc  
Klutz 1.0  
LockOUT™ v1.3  
MemroMeter 3.0  
Message  
MockPackage+  
Pinouts DA  
Postal Codes  
QDial 1.6  
RoadAtlas  
Stars 1.7  
Tax '89  
ΣEdiit  
DA's II  
ASCI DA folder  
Conversion DA  
DAFont 2.1  
DeskZap 2.0b11

Dialer 1.0b2  
Easy Envelopes  
MaxFiles  
MiniWriter 1.6  
MoonGlass 1.0  
Net Chat 1.1  
Quoter  
ResEdit  
Rolodesk Ver 2.0  
RoloEdit DA  
Simpson Clock Color  
SoundPlay  
SysErrTable 2.7  
KIDS KLIPS  
Alf  
Alf 2  
Bart Simpson  
Batman  
Betty Boop  
BOZO  
Calvin & Hobbes  
Calvin 4  
Calvins  
Casper  
Chipmonks  
Dick Tracy  
Donald Duck  
Donald & Daisy  
Fantasia (color PICT)  
Garfield (3)  
Goofy at Bat  
Gumby  
Hobbes  
Jessica Rabbit  
Lone Mick  
Mickey Mouse (3)  
Mr. Magoo  
Rocky, Flying Squirrel\  
Simpsons  
Sleeping Snoopy  
Smurf Folder  
Snoopy & Mac  
Snoopy Skiing  
Squirrel Skating  
Superman  
Sylvester  
Uncle Scrooge  
Yoda  
GAMES  
Air Hockey  
Cairo Shootout  
Hangman  
MacPong II  
MacBandit 1.2  
Oids Demo  
PNuke  
Rock Paper Scissors  
Stunt Copter

Tank Commander  
GAMES II  
AZ Lottery  
Beast 1.2  
Glider 2.02  
GreyHounds  
GunShy 1.0  
Puzz'l  
Race Folder  
Reversi  
Scarab of RA  
Social Climber  
GAMES III  
Blocker Folder  
Klondike 4.0  
Lets Get Tanked!  
Monopoly v4.02  
Montana  
PhrazeCraze  
Slugger Folder  
GAMES IV  
CrossWise  
Forty Thieves 2.0  
Orion!  
Precision Cribbage  
Risk  
Stratego

Tempe Meetings and Classes:  
AMUG Announces  
A New Series of Classes

Instructor: Dorman Bullard (telephone: days at 379-6168)  
Other Instructors as noted.

Where: At the Pyle Recreation Center in Tempe, on Southern at Rural (on the south side of the street next to the library).

Time: All sessions are 9:00 AM to 12:30 PM

When: All sessions are on Saturday Mornings. Dates and Subjects as shown below.

October 13: Introduction to the Mac Operating system. What can go wrong, how to avoid problems and how to fix them. A machine is not necessary, but bring blank, initialized disks to all sessions.

October 27: More on the Mac Operating System. Tips and Techniques for more effective use of the Mac. If you want to try these tips rather than just listen or watch, bring a machine.

November 10: Demonstrations of Utilities you need and why. Use of the Font/DA Mover and Suitcase to install Desk Accessories, Fonts, and F-Keys. Bring a machine if you want hands-on experience.

November 24: Introduction to Graphics on the Mac. What's the difference between bitmapped and object type graphics programs? What's a page layout program? Which of any of them should you buy? Machine is not necessary.

November 24: Introduction to Design Studio. Your Newsletter Editor will show DesignStudio, the program used to layout the Newsletter for the last year.