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Volume 20, Issue 4



mini'app'les newsletter

the minnesota apple computer users' group, inc.

A P R I L 1 9 9 7						
SUN	MON	TUE	WED	THU	FRI	SAT
		1 7:00	2 6:30	3 7:00	4	5 DRAGnet see p3 9:30AM
6	7	8	9	10 7:00	11	12 10:00 AM
13	14 7:00 7:00AM	15	16 6:30	17 7:00	18	19 DRAGnet see p3 9:30AM
20	21 7:00	22 7:00	23 6:30	24 6:30	25	26
27	28 7:00	29	30	M A Y 1 9 9 7		
				1 7:00	2	3

1 **Board of Directors**
Mini'app'les members welcome.
Seward School,
2318 29th Ave. S., Minneapolis
Bob Demeules, 559-1124

2 **ClarisWorks SIG**
Southdale Library
7001 York Avenue South, Edina
Denis Diekhoff, 920-2437

3 **Telecommunications SIG**
Epiphany Lutheran Church
1414 E 48th Street South
"Hands On Telecommunications"
Bert Persson, 861-9578

10 **Macintosh Main**
Southdale Library
7001 York Avenue South, Edina
Imagine1-F Programming language
Mike Carlson, 377-6553

12 **Apple II Novice SIG**
St. Charles School
2727 Stinson Blvd, NE Mpls
"Apple II Telecommunications"
Tom Gates, 789-6981

14 **Macintosh Consultants SIG**
Box Suite CyberSuite
Louisiana Ave & Cedar Lake Rd
St. Louis Park
Mike Carlson, 377-6553

14 **Apple II/GS Main**
Augsburg Park Library,
7100 Nicollet Ave., Richfield
"GraphicWriter III"
Tom Gates, 789-6981

16 **Digital Imaging SIG**
Southdale Library
7001 York Avenue South, Edina
"Demo Quicktake 200"
Denis Diekhoff, 920-2437

17 **Quicken SIG**
2850 Metro Drive, Rm 124
Bloomington
Ross Held, 835-3704

21 **Fourth Dimension SIG**
Ceridian/Health Partners
8100 34th Ave. S., Bloomington
Bob Demeules, 559-1124

22 **Mac Programmers SIG**
Van Cleve Park Building
901 15th Ave SE, Minneapolis
Gervaise Kimm, 379-1836

23 **Microsoft Word SIG**
Microsoft
8300 Norman Ctr Dr, Blmtg
Tom Ostertag
D 951-5520 E 488-9979

24 **Filemaker Pro SIG**
Partners
1410 Energy Park Dr #5, St Paul
Steve Wilmes, 458-1513

28 **Macintosh Novice SIG**
Merriam Park Library
1831 Marshall Ave, St Paul
Tom Lufkin, 698-6523

Photoshop SIG
Date, time, and location pending
Eric Jacobson, 645-6264

AppleWorks SIG
Date, time, and location pending

SIG Leader Wanted

Mac Games SIG
Date, time, and location pending

SIG Leader Wanted

mini'app'les

The Minnesota Apple Computer Users' Group, Inc.
P.O. Box 796, Hopkins, MN 55343

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Questions – Please direct questions to an appropriate board member. Users with technical questions should refer to the Members Helping Members section.

Dealers – Mini'app'les does not endorse specific dealers. The club promotes distribution of information which may help members identify best buys and service. The club itself does not participate in bulk purchases of media, software, hardware and publications. Members may organize such activities on behalf of other members.

Advertisers – For information, see Newsletter Ad Rates box within this issue.

Newsletter Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343 or upload them to our BBS at 824-4394.

Deadline for material for the next newsletter is the 1st of the month. An article will be printed when space permits and, if in the opinion of the Newsletter Editor or Manager, it constitutes material suitable for publication.

Editor/Publisher: Tom Ostertag 488-9979

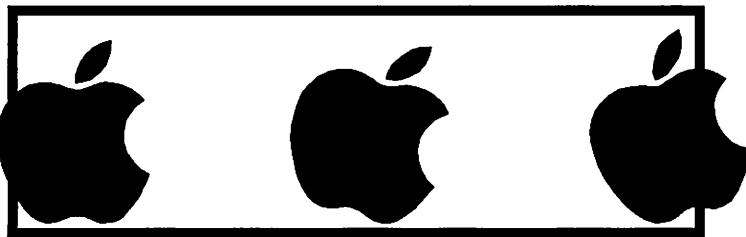
Newsletter Layout: John Hunkins

Mini'app'les BBS –824-4394, 24 hrs. Settings: 8-1-0. Call in with FirstClass® Client software or any text-based terminal program.

Mini'app'les Voice Mail – 229-6952

Mini'app'les WWW site: <http://www.miniapples.org>

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Ballot

For Election of Applemini'app'les Board of Directors 1997-1998

Instructions:

- 1) Vote for one and only one candidate per office. Please use an X.
- 2) If you wish, use the blank space to write in another candidate. Be sure to fill in the with an X.
- 3) When you have completed your ballot, fold the bottom edge up to the line indicated and flatten the crease. Fold the top edge down and flatten the crease.
- 4) The Applemini'app'les address should now be facing you. Fill in your membership number. No ballot will be valid without it. Fill in your name and address. Tape where indicated.
- 5a) Place a 32-cent stamp where indicated and mail. Mail early because only ballots received in our P.O. Box on or before April 30, 1997 will be counted.

OR

- 5b) Bring your ballot to any Applemini'app'les SIG meeting scheduled to be held before April 28, 1997. Ballots must be handed in before 8:00 p.m.

Mail In
Your
Ballot!!

Nominees as of the March 25, 1997

is for write-in nominees. (I) indicates incumbent.

<i>President</i>	<input type="checkbox"/> Eric Jacobson <input type="checkbox"/> <input type="text"/>	<i>Software</i>	<input type="checkbox"/> Bruce Thompson(I) <input type="checkbox"/> <input type="text"/>
<i>Vice President</i>	<input type="checkbox"/> open <input type="checkbox"/> <input type="text"/>	<i>Operations & Resource Dir.</i>	<input type="checkbox"/> Denis Diekhoff(I) <input type="checkbox"/> <input type="text"/>
<i>Secretary</i>	<input type="checkbox"/> open <input type="checkbox"/> <input type="text"/>	<i>SIG Director</i>	<input type="checkbox"/> Bert Persson(I) <input type="checkbox"/> <input type="text"/>
<i>Treasurer</i>	<input type="checkbox"/> Ardie Predweshny <input type="checkbox"/> <input type="text"/>	<i>SIG Director</i>	<input type="checkbox"/> Keary Olson <input type="checkbox"/> <input type="text"/>
<i>Publications Director</i>	<input type="checkbox"/> John C. Hunkins, Sr. <input type="checkbox"/> <input type="text"/>	<i>Membership Director</i>	<input type="checkbox"/> Mike O'Neill <input type="checkbox"/> <input type="text"/>

Thanks for Voting!

Tape Here

Membership Number

Name:

Address:

Place
32 Cent
Stamp
Here

🍏 mini'app'les
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Hopkins, MN 55343

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Thanks for Voting!

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CHANGE OF ADDRESS

Moving? Going to be away from home and leaving a forwarding address with the Post Office? Please send us a Change of Address when you are informing others. By using a moment of your time and a few cents to drop us a card, you save the club some money and you get your newsletter delivered promptly to your new address. If you don't inform us, the Post Office puts your newsletter in the trash (they don't forward third class mail) and charges the club for informing us of your new address. Change of Address should be sent to the club's mailing address: mini'app'les, Attn: Membership Director, Box 796, Hopkins, MN 55343.

Volunteer Opportunities

Come join Mini'app'les members for some excellent volunteer opportunities. This is your chance to show us your computer knowledge and to help others along the way.

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Help Test Apple II equipment

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Sat. April, 5th & 19th 9:30 AM

Contact: Tom Gates, 789-6981



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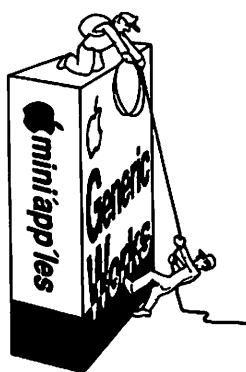
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Members Helping Members

Need Help? Have a question the manual doesn't answer? Members Helping Members is a group of volunteers who have generously agreed to help. They are just a phone call (or e-mail) away. Please call only during appropriate times, if you are a Member, and own the software in question.

Macintosh	Key	If you would like to be a "Members Helping Members" volunteer, please e-mail Nick Ludwig with your name & phone number on our BBS, or leave a voice-mail message at 229-6952, or use the MultiForm mailer near the back of this issue.			
Claris Draw	3				
Claris Resolve	2				
Claris Works	2,8,9,10				
Cross-Platform File Trnsfr	6				
FileMaker Pro	2				
First Class	2	AppleII	Key	AppleIGS	Key
MacWrite Pro	2				
Microsoft Excel	3,6,7	Appleworks	1,6,9	Hypercard GS	1
Microsoft Word	6	Applewriter	6	Smartmoney GS	1
MYOB	7	Publish It!	1		
Photoshop	4	To. Superfonts	1		
Quicken	3	To. Superform	1		
System 7	9				
Word Perfect	5				
New Users	11				



- | | | |
|---------------------|----------|-----|
| 1. Les Anderson | 735-3953 | DEW |
| 2. Brian Bantz | 835-3696 | DEW |
| 3. Mike Carlson | 377-6553 | D |
| 4. Eric Jacobson | 645-6264 | D |
| 5. Nick Ludwig | 593-7410 | DEW |
| 6. Tom Ostertag | 488-9979 | EW |
| 7. Ardie Predweshny | 823-6713 | DEW |
| 8. Owen Strand | 427-2868 | D |
| 9. Bruce Thompson | 546-1088 | EW |
| 10. Pam Lienke | 457-6026 | EW |
| 11. Tom Lufkin | 698-6523 | EW |

*D-days (generally 9 a.m. to 5 p.m.)
E-evenings (generally 5 p.m. to 9 p.m.)
W-weekends (generally 1 p.m. to 9 p.m.)
In any case, call at reasonable hours and ask if this is a convenient time for them. By the way, these volunteers can also be reached on our BBS! We appreciate your cooperation.*

Newsletter Ad Rates

1/12 page 2.25" Width x 2.5" Height \$10	Outside back cover 7-1/2" Width x 7-1/2" Height . . . \$100
1/6 page 2.5" Width x 5" Height \$20	Inside back cover . 7-1/2" Width x 10" Height \$120
1/3 page . . . 2.5" Width x 10" Height Vert or 5.5 H . . \$40	Frequency discounts 6 months at 5%, 1 year at 15%,
1/2 page 7.5" Width x 5" Height (save 5%) . . . \$60	Mail inquiries to: PO Box 796, Hopkins, MN, 55343
2/3 page 5" Width x 10" Height (save 7%) . . . \$80	Phone inquiries to: Nick Ludwig 593-7410
Full page . . 7-1/2" Width x 10" Height (save 15%) . \$120	

Mac eDOM #969



Mac eDOM #969 -

Troubleshooting

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Mini'app'les

Submitted by Bruce Thompson

eDOM #969 contains two items to help with troubleshooting bombs and crashes on your Mac.

Troubleshooting 101 IA

Hey! What's this?

This presentation is intended to help you troubleshoot your Macintosh if it bombs or freezes under System 7.0 through 7.6. It won't help you with a "Sad Mac" on startup problem, won't bring back a trashed file, and it won't make your boss give you a raise, but it just

might bail you out of a bad situation. This is written with a Macintosh novice in mind but contains useful information for all levels of Macintosh users.

The presentation is a thorough 10-step procedure and contains numbers for some major support companies.

It is suggested that you read through this document BEFORE you start experiencing trouble. It may help you avoid future problems.

Troubleshooting DA

Hey! What's this?

This DA is intended to help you troubleshoot your Macintosh if it bombs or freezes under System 7.0

through 7.5.2. It won't help you with a "Sad Mac" on startup problem, won't bring back a trashed file, and it won't make your boss give you a raise, but it just might bail you out of a bad situation. This is written with a Macintosh novice in mind but contains useful information for all levels of Macintosh users.

This DA was initially written for MacMagazine at:

<http://oeonline.com:80/~tomk/MacMagazine/> and was later distributed to the DDB Needham agency in Dallas. It is a thorough 10-step procedure and contains numbers for some major support companies.

Pam Works with ClarisWorks

By Pamela K. Lienke



Some months back I wrote about sticky spaces, a way to ensure that a date or an initial and a name do not become separated by a line break. This month I'll

explain soft returns, a way to put a line break in the middle of a paragraph without creating a new paragraph. To enter a soft return in an existing paragraph, hold down the Shift key while you press Return. Your text is moved to the next line,

but the ClarisWorks assumes you are in the same paragraph; if you have set a first line indent, your text is not indented but starts at the left margin.

February FileMaker Pro SIG Minutes

Submitted by Thomas Ostertag



Dave Rieke had a pot of coffee brewing and Roy Slomkowski was setting up the projector when I arrived at Partners on Energy Drive. Steve Wilmes started the meeting with Questions and Answers. The Q&A ranged from preventing unwanted page breaks to setting up an independent numbering system and using a utility to calculate currency exchange. Steve also suggested that the set field command worked much better than copy and paste.

Steve then set about showing us FileMaker Pro resources on the Web. We looked at CompuServe at Claris Macintosh and then went to AOL and keyword Claris and FileMaker.

After that we looked at several FileMaker Mailing Lists (BlueWorld and Dartmouth) and how to control the flood of mail using Claris Emailer.

After that we went to Claris' site and looked at some of their resources, then went to Steve's site and looked at the links that Steve has on his homepage. He suggested several... Chris Moyer's, John Mark Osborne's and David Haney's as good resources.

There was also a discussion of FileMaker as a network based server running on TCP/IP and how to access the control features of the server as an administrator.

By that time it was already after 9:00 and everyone was packing up to head home.



February Microsoft Word SIG



By Thomas Ostertag

Shari Brandt was installing Word 6.0 on the PC when I arrived. We started talking about future meetings as people drifted in. There were no announcements so we went right to Questions and Answers. There were several interesting ones about headers and footers and how to make Word keep track of

the page number and the total number of pages. There was another question about setting up a table and setting the exact size of the cells. Fields were another topic that required some explanation.

One person asked about starting Word from the Desktop and several suggestions were given. An example of how to make a document have a second header even if there was only

one page in the template.

At the end, Shari explained that due to work load and family pressures we would not be able to continue to meet at Microsoft in the evenings. We're open for suggestions as to the future of the Microsoft Word SIG. We've decided not to have meetings during the summer and resume in September.

Apple II Meeting Plans

Submitted by Tom Gates

Following is an attempt to layout topics for the next several months. There may be changes and swaps of meeting topics along the way, but this at least lays out some plans to work from.

Our first Saturday meeting will be held in April and will focus on Apple II telecommunications. It will be held at the school my daughters attend and we may be joined by some of the school staff. If I can arrange it that day, we may take a short side trip to the math lab where the teacher has put in place a network of 20 Apple IIE machines running on a DigiCard network. Setup is complete with a wireless remote in which he's able to blank out the screens to get students attention up

front. Duplicate his screen on any or all of the other machines, pick any machine to display on his screen (to see what Billy and Johnny are laughing about in the back row)

Saturday April 12th 1997 10am - 1pm

Apple II Telecommunications

St Charles School
2727 Stinson Blvd NE Mpls
Contact: Tom Gates 789-6981
BBS's, CompuServe, Genie, Internet

Thanks guys!

Apple II and IIGS Novice Meetings - New Format

Each meeting will cover two areas
- The first part of meeting will cover general Apple II topics everyone likes

and needs to know. Second part is question/answer and problem solving. Bring your problem programs or equipment - we'll get you up and running.

Apple II and IIGS Saturday Sessions

Watch for our 3 or 4 Saturday meetings during the year. Saturdays offer us more time than the typical 2 hours on weekday evenings. These will usually be special topic sessions with the time we need to cover the topic and answer all your questions.

The first Saturday Session is in April on Apple II Telecommunications. Accessing the club's BBS, other local BBS's, commercial services like Genie and CompuServe, and the Internet with an Apple II. Check the calendar for date, time, and location.

Apple II 1997 Meeting Plans

Submitted by Tom Gates

Apple II and IIGS Main Meeting - Upcoming Topics

- | | | | |
|--------|---|------|--|
| April | - Graphic Writer III | Sept | - Telecomm Programs - ProTerm, Spectrum, Talk Is Cheap, etc. |
| May | - Apple II/IIGS Utilities - Shrinkit, ProSel, Copy II Plus, ProBoot, etc. | Oct | - Expanding your II - memory, harddrives, printers |
| June | - Zip Drives for the Apple II | Nov | - Holiday Fun on the Apple II |
| July | - AppleWorks Classic - Looking great in print | Dec | - Apple II Page Layout - Publish-IT 4, AppleWorks GS, etc. |
| August | - Apple II Back to School - The well equipped Apple II for School | | |

April Telecom Info

Submitted by Bert H. Persson

On March 6 we held our first Telecommunications SIG at the Epiphany Lutheran Church in south Minneapolis. Our presenter for the evening was Kelly Black from the Robbinsdale Amateur Radio Club. He talked about packets, TNC terminal node connector, a unit similar to our well known modem and repeaters among other technical terms familiar to the average "Ham". We also tried connecting to a repeater using the terminal program Z-term, but we did not succeed possibly because we had the wrong type of cable. Anyway, Kelly logged on by using an inexpensive Tandy laptop. He also pointed out that you don't need any fancy computer equipment to be able to do packet radio or spend a lot of money obtaining the necessary Radio Amateur license. We thank

Kelly for a good presentation and we will work together with the "Ham's" in our future Telecommunication SIG's.

Kelly Black can be contacted through the Robbinsdale Amateur Radio Club, P.O. Box 22613, Robbinsdale, MN 55422. Phone (612) 537-1722. For the "Hams" he can be contacted at KB0GBJ

The next Telecommunications SIG will be held on Thursday, April 3 and we have decided to call this meeting "Hands on Telecommunications." At this meeting we thought we would try to get our members to use their communications software and this would include First class, Bulk Rate (an off line mail reader), Z-term, Microphone or the communication software which is a part of ClarisWorks. To do this, we encour-

age people to bring their computer (PowerBook, Classic etc.) so we can help install and configure the software. Since we have access to a phone line at this location it would be possible if time permits to try the newly installed software.

So remember the Telecommunications SIG on April 3 (Thursday) 7 pm at the Epiphany Lutheran Church, 1414 E 48th Street, Minneapolis. Let's get into Telecommunications!

Calendar info

Telecommunications SIG, April 3rd., 7 pm at the Epiphany Lutheran Church 1414 E 48th Street, Minneapolis

Topic: "Hands on Telecommunications"

IIGS Web Browser

Submitted by Harry Lienke

Seven Hills Software is proud to announce Spectrum Internet Suite: Now you can access the World Wide Web directly from your Apple IIGS!

Using Spectrum 2.1 and its expandable XCMD/XDisplay technology, Seven Hills Software has developed the Spectrum Internet Suite - a combination of XCMDs, XDisplays and scripts designed to put you on the World Wide Web, right from your Apple IIGS - all without the need for GNO/ME, TCP/IP, or other programs.

All you need is Spectrum 2.1, Spectrum Internet Suite, and a UNIX shell account or a Genie account!

Building on the power and strength of Spectrum and its associated plug-in XCMDs and Displays, Spectrum Internet Suite combines an XDisplay with a new XCMD and powerful Spectrum scripting to provide a one-stop solution to the Internet.

Features include:

NAVIGATION

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- Type in URLs without the need of http://
- Automatic URL completion (for standard www. and .com addresses): Type "apple" and it will load "http://www.apple.com/"

WEB PAGE GENERATION

- Supports the HTML 3.2 standards
- "Netscape Navigator Client Pull" Dynamic Updating
- Frame cells are accessed by links (like Lynx 2.6)

- Exclusive Spectrum specific HTML tags: play Apple IIGS sound effects and speech from a web page! (the computer viewing the page must be running Spectrum Internet Suite and have appropriate sounds/speech software installed for these tags to work)
- Color text
- Multiple fonts and styles
- Embedded IMG tag translation
- Anchors and <base href=..> tags

OTHER FEATURES

- Display HTML source code
- Save HTML source code to disk
- Save formatted web page to disk or system clipboard - you can even use it for HTML to Teach conversion!
- Print web page contents or HTML source code to any Print Manager supported printer
- Using a UNIX shell account allows sending (only) of Email via Spectrum Internet Suite (email does not work from Genie)

System requirements:

- Spectrum v2.1
- An Apple IIGS running System 6.0.1 with 4Mb of RAM
- A hard disk and an accelerator highly recommended
- A modem with correctly wired hardware handshaking cable
- A Genie account or a dial-up Unix shell account from your Internet Service Provider (no files are placed on the shell system, so no filesystem is needed on your shell account).

Note: Spectrum v2.1, running with its full complement of XCMDs and the Spectrum Internet Suite, requires at least 4Mb of memory to browse the Web. A great deal of processing also needs to be done to build an HTML display, so an accelerator is virtually a must. It is also advisable to run Spectrum from a hard disk for speed and maximum storage capacity.

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For more information, visit the Spectrum Internet Suite Home Page: <http://www.netally.com/shss/iigs/sis/>

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NAUGSAW 97

Submitted by Brian D.
Bantz,bdbantz@bitstream.net, Internet Mail

NAUGSAW '97

As the excitement grows in anticipation at Apple Computer, so does the planning of NAUGSAW '97 (National Association User Groups Seminars and Workshops). The dates are final, June 13-15 at the University of St. Thomas in St. Paul, MN. The conference will open with registration at 4, a get together at 5, with at least one presentation in the evening following the meal. Saturday will have several sessions with the Keynote by Apple software managers "Mac OS-Now and NeXT", a bulk rate mail presentation as it applies to User groups, and a presentation by the Mac division of Microsoft. Saturday evening will be the second annual Mac Academy of Newsletters. Sunday will have additional presentations. Check our web site at [www: miniapples.com](http://www.miniapples.com). Reply

to bdbantz@bitstream.net, with NAUGSAW in the subject area, for the updated information. Please include your mailing address. Registration, Meals and a Single occupancy room will be \$170/ Double \$140/ Triple \$125. Meals and Meetings, only, \$85. Motel information for families by return e-mail. Send registrations to NAUGSAW '97, PO Box 31170, Bloomington MN 55431-0170 in full by May 7, 1997. Late registrations will be \$25 additional.

Tourist Numbers:

- Minnesota Tourist Info 1-800-657-3700
- Wisconsin Tourist Info 1-800-372-2737

Web pages

www.miniapples.com
www.ugconnection
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<http://www.traffic.connects.com/>
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- Super 8 (800) 800-8000

University of St. Thomas is approx. 8 miles from airport / Mall of America by bus, cab or limo.

What was happening in the Mini'app'les Newsletter

compiled by Ken Slingsby

This series is presented to provide a link to our past. The snapshots of articles and advertisements appearing in the Mini'app'les newsletters of yesterday are meant to entertain and enlighten rather than to poke fun at our past. Enjoy.

5 Years ago...

April 1992. The calendar of meetings for the month listed ten SIG meetings in addition to the monthly Board meeting and the Main meetings. New this month is the Filemaker SIG. Continuing are the Apple II DTP, North Shore Mac, Fourth Dimension, Mac CAD/E, Mac Desktop Publishing, AppleWorks, HyperCard, and Mac Programmer SIGs. The minutes of the three most recent Board meetings was included in this issue. Each set of minutes was about a page long. The most recent treasurer's report showed \$1689.21 in expenses, \$1678.89 income, and \$11,020.21 Cash, CD, and savings. Two Mac eDOMs and five Apple II eDOMs were released. There was a ballot included in the issue for mail in voting.

10 Years ago...

April 1987. There were fewer SIGs listed and more Branch (local small group) meetings. Listed on the calendar

were: Mac User, Apple II, Apple IIGS, Languages/Technical, and AppleWorks SIGs. Also meeting were The Dakota County Branch, Smalltalk Group, U of MN Mac Users, Northwest Branch and the Board meeting. (Smalltalk as the programming language.) A ballot was included for mail in voting. Several new Mac products were showcased in this issue: The Mac SE, with its 68000 processor, 800K internal drive, 20MB SCSI hard disk and one megabyte of memory. \$3698. The Macintosh II high performance machine with a 68020 16 Mhz processor, 32 bit bus, one megabyte of ram expandable to eight, and a 256K ROM allowing color graphics. \$3898 or \$5498 with 40MB internal SCSI disk. The Apple Extended keyboard (\$229) was newly announced, as was 1MB (no price listed) and 2MB (\$999) SIMM chips. Also announced were the 20SC (\$1299), 40SC (\$1999), and 80SC (\$3199)

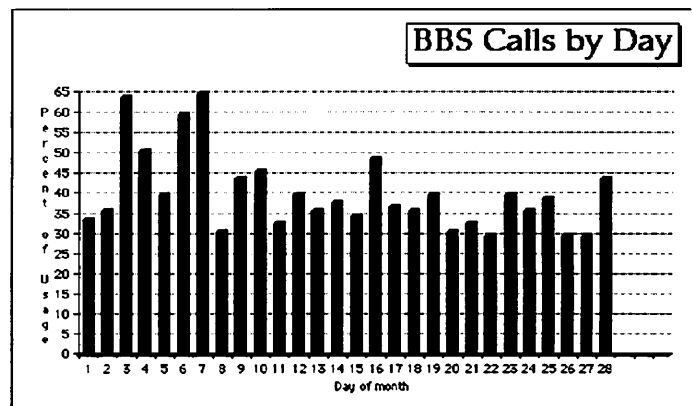
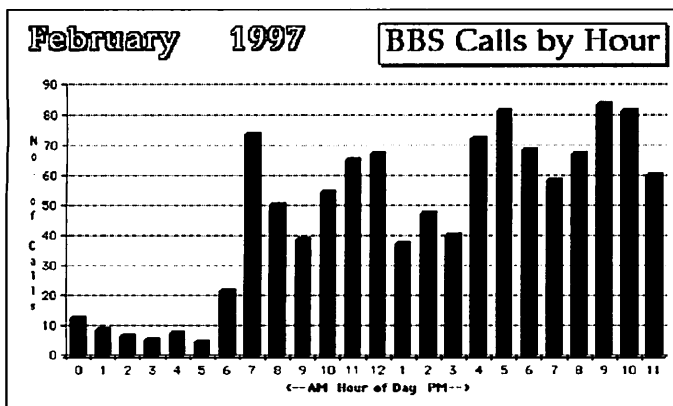
hard drives for internal or external use (external prices listed here). A full system, for example, consisting of Mac II, 1MB memory, 40MB disk, Video card, color monitor, and standard Apple keyboard listed for \$6996.

15 Years ago...

April 1982. The SIGs listed included: Genealogical, and Pascal. There was an assembly language class and a meeting of the St Paul Branch this month as well as the Annual election and meeting. There are candidate statements for the annual election. No ballot was printed. An article that caught my eye lists and compares several RAM expansion boards for the Apple II. Here is a partial table included in the article:

	List price	Cents/byte	Mem.config	No of boards
Axlon	\$1400	.43	320K	1†
Saturn	599	.46	128K	1
Legend	375	.53	64K	1
Legend	750	.53	128K	3
SVA	1295	.61	256K	2
Mountain Computer	209	.63	32K	1
Saturn	425	.65	64K	?
Saturn	239	.73	32K	1
SVA	495	.76	64K	1

†Note 1 One interface board plus external memory.
The prices listed were acknowledged as being list. Street prices may vary.



Apple Demonstrates First DVD-Enabled Macintosh at MILIA 97

From: *Evangelist*
<evangelist@apple.com>
Submitted by David M. Peck

Company Makes Commitment to DVD, Among the First Computer Makers to Standardize on DVD-ROM; Announces Intent to Establish DVD Website

MILIA 97—CANNES, France—February 12, 1997—Apple Computer, Inc. today publicly demonstrated the first DVD-ROM Macintosh prototype and announced support for the DVD-ROM format throughout most of the Apple Macintosh product line. DVD is a new industry standard for consumer electronics and computers that delivers vastly superior audio and video compared with current CD-ROM technology.

As part of a MILIA presentation, Apple also noted that the first DVD-enabled Macintosh system could appear as soon as late 1997, with several new PowerBook and desktop models expected to be shipping with DVD-ROM by early 1998.

"Just as Apple was the first com-

puter vendor to standardize on CD-ROM ten years ago, we now expect to take a leadership position with Macintosh and DVD-ROM," said Carlos Montalvo, vice president of Apple's Interactive Media Group. "Integrating DVD-ROM with our leading multimedia and upcoming processor technologies is a top priority for Apple Computer. These include QTML (QuickTime(R) Media Layer) for integrated A/V, 3D and VR technologies, 500 Mhz + PowerPC chips from Exponential for blazing speed, plus cutting-edge multimedia processing power from the Philips TriMedia chip."

The Apple DVD-ROM prototype, a modified Performa 5400, culminates several years of Apple research and development on DVD technology, in collaboration with leading Japanese and European consumer electronics companies.

DVD-ROMs—which look identical to CD-ROM discs—can hold up to 18 GB of multimedia data, including any mixture of CD-quality sound, AC-3 surround sound infor-

mation, MPEG-2 video, and computer binary data. The current CD format holds only 680 MB of content, with no built-in provisions for surround-sound or MPEG-2.

At MILIA, several leading DVD developers and pre-mastering software vendors, including Sonic Solutions (Novato, CA), Sumeria (San Francisco, CA), Short Cinema Journal (Venice, CA), Wired, Inc. (Mountain View, CA), and Daikin (Novato, CA) pledged their support for Macintosh as the ideal pre-mastering and content delivery platform for rich multimedia DVD titles.

Lastly, Apple announced its plan to create a DVD website in the near future. The Apple DVD website will serve as a clearing-house for interested consumers and developers on the latest DVD information, as well as providing links to third-parties with DVD solutions for the Macintosh.

A2 Central / Open Apple Newsletters:

From: *Joe Walters Email: bird@mcs.net*
Submitted by Greg Buchner

Bound Copies of the First Six Volumes

In order to make these files available I had to contact Tom Weishaar to ask permission. I also asked if there were any bound copies of the newsletter available since this index should stir up interest in them. Tom replied:

I have one box (30 to 50 copies) of volumes 1 through 6. I have no extras of later volumes. Well, if the Smithsonian called, I could come up with something, but nothing that's for sale :) I'm willing to sell the extra copies I have. Interested parties can contact me at TomW@SiteCentral.com. I'd sell

them for \$18 for the full set of six. That would include mailing costs to U.S. addresses. Checks only, no credit cards.

Mr. Tom Weishaar
12319 Ash,
Overland Park, KS 66209

Your project is also spurring me into creating a web site home for the full text of the 122 issues we published (just over 10 years worth). It will be at:

<http://SiteCentral.com/RC/>

(Editor's input: I have a hunch that it should read

<http://www.SiteCentral.com/RC/> *your mileage may vary.)* and should be

ready early in 1997. I'll include an order form there for the paper volumes. If there's anyone left who isn't

online, they can send me paper mail at:

12319 Ash
Overland Park, KS 66209.

So there you have it OA fans. I'm including this notice with the release of each volume of the DB until I hear from Tom that they are sold out. Present intentions are to release one volume every week or so until we get to volume 9 which was never indexed. I will have to do that myself UNLESS someone else has done it and wants to make it available. As you might guess, volume 9 will be some long time from the present.

Good Deals #42

by Ken Slingsby

This is another installment in a series of articles which list press releases. All articles were posted in their entirety on the Club's BBS. To read the full articles, (if you don't have a modem) plead or beg a friend who has access to the BBS to copy it for you.

The PRESS RELEASES are to make you aware of the new products. You may have to hunt to find a dealer that supports the product.

Mini'app'les makes no claim as to the usefulness or quality of the products offered herein. The User Group does not endorse the products and is not supporting the products. The following is not paid advertisement. There may be other products mentioned on our BBS or other services not appearing here. If so, that is an omission, not a refusal of the product. As in all purchases, buyer beware!

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PRESS RELEASES

Letter to Customers from Guerrino De Luca Monday, February 17, 1997

Product Announcement

Dear Colleagues, Developers, Business Partners, and Mac Enthusiasts,

Today we are proud to announce an array of innovative new products for our core customers in the publishing, business and education markets. These products show Apple's strengths in performance, competitive pricing, industrial design and quality.

Among the products unveiled today are:

- The Apple Macintosh PowerBook 3400, the fastest laptop computer on the market. The PowerBook 3400 runs at an industry-leading 240 MHz and includes state-of-the-art multimedia and communications capabilities.
- A complete new line of high-performance Power Macintosh computers for professionals, including high-performance publishing systems that take advantage of Apple's multiprocessor capabilities.
- Fast new Power Macintosh computers for K-12 education customers that include three new integrated all-in-one desktop computers and two new modular high-performance computers.

- Apple's acclaimed eMate 300, a new mobile computer for K-12 education customers.
- The MessagePad 2000, a hand held mobile Internet computer for business professionals that offers a complete range of built in solutions including e-mail, web access, personal productivity and desktop connectivity.
- The QuickTake 200 Digital Camera for Macintosh computers, a new digital camera that can be used by any of Apple's customers to conveniently capture, edit and present digital images and information.

In addition to high performance, great design and aggressive pricing, there's another reason to be enthusiastic about these new products. All are coming to market after being designed and manufactured under an intensified quality-assurance program begun last year. And, to reinforce its commitment to quality, Apple is now offering new service and support programs that leverage the Internet to provide faster response to customer inquiries and issues.

As a company, we endeavor to provide our customers with the best solutions for content creation, publishing, communication and learning. With these products, I am confident that we are offering our customers the solutions they require at competitive prices. Our customers can buy Apple products with the

future in mind since both the desktop and PowerBook computers can run future versions of our operating system.

There has never been a better time to buy an Apple product.

Regards,
Guerrino De Luca

CUPERTINO, Calif.—Feb. 11, 1997—Enhancing its high value networking solutions, Apple Computer, Inc. today announced three enhancements to its Workgroup Server solutions: an Accelerated Graphics Server promotional offer which includes RunShare server acceleration software for free, an upgrade promotion to AppleShare IP 5.0 for customers of AppleShare Workgroup Server solutions, and the certification of Mac OS 7.6 for the Workgroup Server family.

Accelerated Graphics Server Promotion Effective Feb. 11, 1997 through March 31, 1997, customers who purchase a Workgroup Server 8550/200 AppleShare Server solution will receive at no additional charge, over U.S. \$2,200 worth of acceleration software (manufacturer's suggested retail price) from RUN, Inc.: the RunShare Graphic Server Accelerator (GSA) 2.1 server acceleration software and four RunShare 2.1 clients. The Accelerated Graphics Server, comprised of the Apple Workgroup Server and RunShare software, enables publishing workgroups of up to 20 Macintosh clients

to create and print large graphic files up to four times faster than they could using personal file sharing or servers running Windows NT. In addition, opening and saving graphics files that reside on the Accelerated Graphics Server, from within key graphics applications on the client, is faster or as fast as with a local disk. This means greater productivity for publishers, printers, trade shops and advertising agencies who frequently transfer image and other large files between AppleShare servers and desktop Power Macs.

For details on the Accelerated Graphics Server Promotion as well as performance comparisons and tools to calculate the productivity gains from using the Accelerated Graphics Server, customers should call their local Apple Premium Server Reseller at 1-800-522-0990 x300 or visit the Accelerated Graphics Server website at:

<http://www.servers.apple.com/graphics/>.

New Power Macintosh Line

CUPERTINO, California—Feb. 17, 1997—Targeting the needs of Macintosh customers in business, higher education, scientific, engineering, and design settings who require the most in performance, multimedia, and communications from a notebook computer, Apple Computer, Inc. today introduced the Macintosh PowerBook 3400 series. With unique features such as a 240MHz 603e PowerPC processor, built-in EtherNet/modem, hot swappable expansion bay modules, and four speaker sound system the PowerBook 3400 embodies high performance mobile computing.

Performance

By combining a number of key technologies such as industry standard PCI architecture, PowerPC processors, DMA (Direct Memory Access), faster EDO (Extended Data Output) RAM, and lithium-ion batteries, Apple has created a high performance PowerBook that allows

users to run processor-and graphics-intensive applications on a mobile platform.

Multimedia

The PowerBook 3400 comes with a 12.1" active matrix SVGA display, unique four speaker sound system, PCI video controller with hardware acceleration, industry standard VGA connector for 16-bit video out, 16-bit stereo in/out, Zoomed Video support, and software-based MPEG-1 decompression. All of these features combined provide users with one of the most robust systems available today and the key elements they need to create and present multimedia rich information.

Communications

The PowerBook 3400 series features a number of communications capabilities including built-in 10Mbps EtherNet and 33.6kbps modem. The innovative RJ-45 connector located off the system's backplane is designed to accept either EtherNet or telephone cable for access to network or modem lines. Asante Corporation designed the combination EtherNet and modem PCI card specifically for the PowerBook 3400 series and expects to sell it as a stand-alone product for upgrading the base configuration. Other communications capabilities include IRTalk, an infrared standard for easy, wireless file sharing which allows for communications between PowerBooks and access to a network via 1Mb IrDA. In addition, PowerBook users will now have access through the serial port to GeoPort technology for ISDN and analog modems.

Expansion

A flexible expansion bay on the PowerBook 3400 accepts a variety of modules including a floppy drive, CD-ROM drive, additional hard drive, magneto-optical drive, internal AC adapter, and Zip drive (expected to be available in second quarter of 1997 from VST Technologies, Inc.). In addition,

expansion bay modules from the PowerBook 5300 and 190 series can be used with the PowerBook 3400. For more expansion options, two PC Card slots are provided which can support two Type II or one Type III card. The PowerBook 3400 allows users to "hot swap" modules while the system is running unlike other notebook systems that require a user to shut down or sleep their system prior to the removal of an expansion bay module.

Software

To provide a complete, mobile computing solution, all PowerBook 3400 models come configured with Mac OS 7.6 and a variety of productivity, communications, and compatibility software. This software includes Claris Organizer for tracking schedules and contacts; Apple Internet Connection Kit software (including Netscape Navigator 3.0, Claris EMailer Lite, Fetch, NCSA Telnet, and NewsWatcher); Apple Remote Access for easily connecting to a desktop or network from a remote location; Macintosh PC Exchange for reading and writing PC-formatted floppy disks; Macintosh Easy Open and MacLinkPlus from Dataviz for reading and translating PC-formatted files; ForeFront Group's

Pricing, Configurations, and Availability

The 180MHz and 200MHz configurations are available immediately in the United States. Additionally, these configurations are expected to be available in Europe in late March, and Japan sometime in April. The PowerBook 3400 240MHz configuration is expected to be available worldwide in April. Apple expects demand for the PowerBook 3400 to be high and product to be constrained through the end of March.

Apple will be offering the following configurations of the PowerBook 3400:

PowerBook	3400c/180	3400c/180	3400c/200	3400c/240
Processor	180MHz	180MHz	200MHz	240MHz
Cache	256K L2	256K L2	256K L2	256K L2
RAM	16MB	16MB	16MB	16MB
Drives	1.3GB	1.3GB	2.0GB	3.0GB
Expansion Bay	Floppy 6X-CD/	Floppy 6X-CD/	Floppy 12XCD/	Floppy
Display	Active Matrix	Active Matrix	Active Matrix	Active Matrix
Est. Retail Price*	\$4,500	\$5,000	\$5,500	\$6,500
Availability	U.S. 2/17	U.S. 2/17	U.S. 2/17	U.S. April

Product Announcement

CUPERTINO, Calif.—

Feb. 17, 1997—Apple Computer, Inc. today introduced its new line of Power Macintosh computers for business, professional publishing, and Internet/media authoring. The new line includes a high-performance Power Macintosh running at 233 MHz, as well as fast 200-MHz systems at prices ranging from approximately U.S. \$1,700 (for a general-productivity system) to approximately \$4,700 (for a top-of-the-line multiprocessor system for professional graphics). The high-end systems in the new line feature an innovative tower industrial design that makes it easy to add new components—a design that is unmatched by any other PC manufacturer.

All of the new systems are designed to run future versions of the Mac OS as well as Apple's next-generation Macintosh system software—code named Rhapsody. In addition, most of the new computers are designed with the processor on an easily removable card that can be replaced with a faster processor card when Apple or a third-party manufacturer makes one available.

Four of Apple's new Power Macintosh computers are designed specifically for graphics and multimedia professionals. With a 233-MHz and a 200-MHz 604e PowerPC processor (respectively), the Power Macintosh 9600/233 and 9600/200 improve on the design of the Power Macintosh 9500/200, introduced in August and a favorite of professional publishers. The Power Macintosh 9600/233 and 9600/200 include a new video card—the IMS Twin

Turbo 128 M4A—for improved graphics performance and the new easy-access tower design.

The 9600/200MP offers the same capabilities as the 9600/200 with an additional 200-MHz 604e processor. When using applications that support the Mac's multiprocessor capabilities, customers can realize performance gains of more than 50% on the MP system. Applications that currently support the MP system include Adobe Photoshop, After Effects and Premiere, Strata StudioPro Blitz, Deneba Canvas, ElectricImage Animation System and Metrowerks CodeWarrior. Several other software developers are shipping or have announced products that support the MP capabilities.

The Power Macintosh 9600/233, 9600/200 and the Power Macintosh 9600/200MP come with 32 MB RAM (expandable to 768 MB), 4 MB VRAM, a very fast, high-output, 4 GB hard drive, a 1.4 MB Apple SuperDrive floppy disk drive, a 12x-speed CD-ROM drive, 512K level 2 cache, 6 PCI expansion slots and built-in 10Base-T EtherNet networking.

The Power Macintosh 8600/200 builds on the design of the Power Macintosh 8500/180, introduced in August and popular among media authors. Like the 9600/200, the 8600/200 features a 200-MHz 604e PowerPC processor, the new tower design, and a 12x-speed CD-ROM drive. In addition, the 8600/200 has a built-in Iomega Zip drive, near-broadcast-quality video input/output capabilities and built-in graphics acceleration. The Power Macintosh 8600/200 includes 32 MB RAM (expandable to 512 MB), 2 MB

VRAM (expandable to 4 MB), a fast 2 GB hard drive, a 1.4 MB Apple SuperDrive floppy disk drive, 256K level 2 cache, 3 PCI expansion slots and built-in 10Base-T EtherNet networking.

Apple's mid-range Power Macintosh 7300/200 and 7300/180 systems offer high performance for small- and medium-size businesses, and for running productivity and Internet applications in organizations of any size. These systems feature a 604e PowerPC processor running at either 200 MHz (with 32 MB RAM) or 180 MHz (with 16 MB RAM). Both configurations have a new security feature for restricting access to the computer's internal components, a 12x-speed CD-ROM drive, a 2 GB hard drive, 1.4 MB Apple SuperDrive floppy disk drive, 256K of level 2 cache, 2 MB VRAM (expandable to 4 MB), 3 PCI expansion slots and built-in 10Base-T EtherNet networking.

The Power Macintosh 9600/233, 9600/200, 9600/200 MP, 8600/200, 7300/200 and 7300/180 come with Mac OS Version 7.5.5, which can be upgraded to Mac OS 7.6.1 for the shipping/handling fee of U.S. \$9.95. For the first time in the professional Power Macintosh line, all of the systems include an AppleDesign keyboard and a mouse. These systems also include Data Viz translators (which help convert files between Mac OS and Windows formats), the Apple Internet Connection Kit (which includes Netscape Navigator), and America Online software.

Replaceable Processor Cards

The Power Macintosh 9600/233, 9600/200, 9600/200 MP, 8600/200,

7300/200 and 7300/180 have processors mounted on an easily removable processor card and are all capable of accepting faster processor cards at such time as these products become available from Apple or a third-party manufacturer. Apple now offers a 180-MHz processor card that can replace the processor card in any Power Macintosh 7500, 7600, 8500 or 9500 system.

Power Macintosh 4400/200 Included in Product Line The new addition to the Power Macintosh [Image] line for business is the Power Macintosh 4400/200. With an estimated retail price of approximately U.S. \$1,700, the Power Macintosh 4400/200 is a fast, general-productivity business computer with built-in 10Base-T EtherNet networking. The Power Macintosh 4400/200 has features valued by business customers. It has a 200-MHz 603e PowerPC processor, 16 MB of RAM (expandable to 160 MB), a 2 GB hard drive, an 8x-speed CD-ROM drive, 2 PCI expansion slots, 256K of level 2 cache and 2 MB of VRAM (expandable to 4 MB). The Power Macintosh 4400/200 includes a keyboard and mouse, and Mac OS System 7.5.3, which

can be upgraded to Mac OS 7.6.1 for the shipping/handling fee of U.S. \$9.95.

PC Compatibility

All of the Power Macintosh systems in the new line are compatible with Apple's 7-inch 100-MHz PC compatibility card and 12-inch 100-MHz Pentium PC compatibility card. With one of these PC compatibility cards installed, customers can use just one desktop system to run applications for both Mac OS and for DOS and Windows. Apple intends to foster cross-platform capabilities and

expects to offer improved versions of its PC compatibility cards and pre-configured systems in the future.

U.S. Pricing and Availability

The Power Macintosh 9600/233 is expected to be available by May, 1997. The estimated price range for the product is U.S. \$4,200 to \$4,300.

The Power Macintosh 9600/200, 9600/200MP, 8600/200, 7300 and 4400 systems are expected to be available in March in the United States with the following configurations and estimated price ranges:

Power Macintosh Model	Estimated Price Range
9600/200MP32/4GB/12xCD/512K L2/video card/MP.....	\$ 4,700 - \$ 4,800
9600/233 32/4GB/12xCD/512K L2/video card	\$ 4,200 - \$ 4,300
9600/200 32/4GB/12xCD/512K L2/video card	\$ 3,700 - \$ 3,800
8600/200 32/2GB/12xCD/256K L2	\$ 3,200 - \$ 3,300
7300/200 32/2GB/12xCD/256K L2	\$ 2,700 - \$ 2,800
7300/180 16/2GB/12xCD/256K L2	\$ 2,300 - \$ 2,400
4400/200 16/2GB/8xCD/256K L2	\$ 1,700 - \$ 1,750

The 180-MHz Processor Upgrade is available in the United States for the estimated retail price of U.S. \$ 600.
Subject to limited availability, the following PC cards are available in the United States:

PC Compatibility Card	Estimated Retail Price
M4091LL/C PC Compatibility Card 100-MHz 586 (7 in)	U.S. \$ 800
M4092LL/A PC Compatibility Card 100-MHz Pentium (12 in) ..	U.S. \$1,050

Ongoing Deals for Mini'app'les Members

Submitted by Tom Gates and Bert Persson

The following businesses have agreed to provide ongoing discounts to members of mini'app'les. When you contact these companies, please identify yourself as a member of mini'app'les to qualify for these discounts. For questions related to these discount offers, please contact Tom Gates - (612) 789-1713 evenings and weekends.

Power Protection Products

Surge Protection strips, Battery backups, line conditioners, etc. Contact Keith Kalenda at Business Security Products (612) 789-1190. 1/3 off APC SurgeArrest line of prod-

ucts 25% off APC BackUPS, SmartUPS and related products.

CartridgeCare, Inc.

CartridgeCare, Inc. of Roseville is offering Mini'app'les members an additional \$5.00 off the cost of laser printer cartridges. They handle supplies for, and do repair work on equipment from a number of manufacturers. For example: Apple, Canon, HP, IBM, Epson, Sharp, Brother, Panasonic, Okidata, Minolta, to name a few. They also provide free next-day delivery and core pickup in the metro area.

For additional information about the user group discount and other services, contact Michael Gigot at

(612) 331-7757.

Macmillan Publishing/Peachpit Press

Once again we are offering a 40 % discount on Peach Pit Press and MacMillan family of book companies (Hayden, Adobe Press, Que, Sams, Brady, NRP, and Alpha). Contact person for Peach Pit Press is Keary Olson, he can be contacted at SIG meetings or on our BBS (home phone 724-0031). In order for our members to receive the 40% discount, Peach Pit Press requires that a number of books be orderd at the same time. Therefore please allow at least 4-8 weeks when ordering books from Peach Pit Press. Minnesota sales tax and a \$ 0.50 shipping charge will

be applied to each book ordered. The 40% off MacMillan book offer can be applied on individual purchases plus Minnesota sales tax and a s/h charge.

Use the mini'app'les account number # 10782880 -when ordering.

MacMillan Publishing produces frequent listings of new titles that

have been added to their catalog. Mini'app'les will attempt to have these available on the BBS in addition to the catalogs.

Lucas & Star Wars Depend on Apple II

Submitted by Tom Gates

Contains information from 1980 SOFT-ALK magazine article

With all the hoopla of the re-release of the Star Wars movies 20 years after the first hit the big screen, it seemed only fair to retell the story of the little computer that could.

A long time ago in a galaxy far, far away.... an Apple II was lending its help in creating the greatest film trilogy ever.

"The movie was 'The Empire Strikes Back'. The microcomputer was the Apple II. The location was the home of Industrial Light and Magic, George Lucas's special effects facility. The company, ILM, was charged with the responsibility for all the special effects on both 'Empire' and 'Star Wars'.

"One difference in ILM's procedures from 'Star Wars' to 'Empire' was the harnessing of the Apple to improve accuracy and relieve tedium in the process of tracking more than eight thousand pieces of film that went into the special photographic effect of 'Empire'.

"The scope of the Apple's task was barely less than the scope of the task assumed by George Lucas when he set out to make a sequel to 'Star Wars'."

Let's take a minute and step back to the time frame we are talking about. 'Star Wars' was released in 1977 and was followed by the work of 'Empire Strikes Back' which was released in 1980. It was this time from 1977 to 1980 that Lucas and ILM put the Apple II to work in helping with movie history.

But wait! Microcomputers, or personal computers, didn't exist until the early 80's when the IBM came along. Or so some computer historians would like you to think. By 1980, the Apple II's already had sev-

eral years of work under their belts. Much more than any others at the time which were following the typical 12 to 18 month life cycle. And no one at that time would have dared dream that Apple Computer would continue to build the Apple II line well into the mid 1990's.

So in the late 1970's, Lucas and ILM were trying to repeat the success of 'Star Wars' and an unsung star, the Apple II was there.

"ILM prepared 407 special effects shots for 'Empire'. These shots were composed from 835 color elements and 7,534 black-and-white elements that had been prepared. Just keeping track of all these elements was a Herculean task, and ILM put an Apple to work".

But the Apple did far more. As explained by Bruce Nicholson, optical photography supervisor, "Take a simple shot of three spaceships. Each of those ships is photographed separately. We photograph the space background separately, and, if there's a planet in the frame, it's also shot individually. That makes five pieces of film. Many of our shots had more than a dozen pieces of film."

Bruce continues, "Each piece of film must be frame-counted and sync-marked. The film must be separated into three black-and-white positives, representing the three primary colors. It's very tedious to explain to the operator the start point and the end point on each of these pieces of film."

"David Berry and Jim Veilleux programmed the Apple so that when a piece of film came in, we could enter a series of code numbers. Then, when the positive separations were made, the projector operator could just call up the piece of film on the Apple and the computer would indicate the start frame that was

applicable."

The Apple was also programmed to indicate exactly which elements were needed for the final shot and onto which frames they were to be printed. In addition, ILM filmed its effects in VistaVision, which has fewer frames per foot than other formats in standard use. The Apple was used to calculate the conversions from footage to frame counts. This eliminated the laborious task of figuring the frame counts by hand and writing up count sheets.

Nicholson had high praise for the Apple II. "We achieved tremendous savings in time and accuracy. We'll continue to use it. We're looking into applying it in other areas."

So, was the Apple II also used in the making of 'Return of the Jedi'? Probably so. It only seems right that the computer that took early personal computing by storm be involved in the greatest film trilogy of all time. But then we've always known that great tools produce great results.

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Newsletter!!**

mini'app'les Board of Directors Minutes

February 4, 1997

Members Present: Tom Gates, Pam Lienke, Bruce Thompson, Bert Persson, Bob Demeules, Denis Diekhoff, Brian Bantz, Ardie Predweshny.

Absent: Les Anderson, Chris Gabbert, Nik Ludwig

Also Present: Erik Knopp
Treasurer's report approved.

Officers' Reports

President

Brian and Bob were at MacWorld and made some contacts for NAUGSAW.

Vice President

See posted report

Mac SIG Director

Have telecom location—Thank you Ardie!

Publications Director

No report

Software Director

See report.

Operations and Resource Director

Will discuss projector in new business

Membership Director

no report

Apple SIG Director

see report

Old Business

DRAGNet

We have had two checks bounce. Perhaps we should get checks from DRAGNet rather than from the individuals. Tom will contact DRAGNet to resolve our NSF problem.

NAUGSAW

Going well. Housing is being firmed up.
Web page needs to be updated

FirstClass

Dick will not upgrade to 3.5 until bugs have been fixed.

MidWinter Madness

We have a table without power for Saturday, Feb. 8. We need the banner and brochures. We will have a summary of SIGs and some old newsletters.

Annual Meeting and nominations—Brian and Tom are working on these.

Mathews Center

The January class was canceled. Let's hope they don't cancel the next one.

New Business

User Group Points Have done well. Perhaps it's time to get something.

Projector

Tierney has a projector (one that we have used) whose price has gone down. Denis is checking on it.

Treasurer

Ardie is talking with Mike O'Neill about becoming treasurer.

Brian and Bob will see about an upgrade to MYOB

Newsletter

Who is keeping on top of things? With winter break, this time Stout did not get it printed on time.

Announcements

Annual Meeting

Sunday, February 23, noon to 5.

The next board meeting will be March 4, 1996, at Seward School, 2318 29nd Ave. Minneapolis.

Adjournment 9:00

*Respectfully submitted,
Pamela Lienke, Secretary*

mini'app'les Annual Meeting

February 23, 1997

Called to order at 1:00 P.M. by Vice-President Tom Gates.

Nominations

Presidentopen

Vice-President.....Eric Jacobson

SecretaryOwen Strand

Treasurer.....Ardie Predweshny

MembershipMike O'Neill

Publications.....John Hunkins Sr.

SoftwareBruce Thompson

SIGBert Person and Keary Olson

Operations and

ResourcesDenis Diekhoff

Discussion of telecommunications:

Should we be a server, how do we get new members online, should we have e-mail availability? We probably need a committee to look into all of these questions. The board will discuss this.

P.O. Box:

This should be moved. We are not listed as Minneapolis for user groups. If we move the mailing address to Minneapolis or Saint Paul, it would be available when places like Apple are giving suggestions to people who need help. We would

keep the old box and a new one for a period of time.

Phone number:

Some members want a number that is listed in the phone book and is available when a person calls information.

By laws changes:

It is too late for this year. We need to work on this before next year.

Adjournment 1:30

*Respectfully submitted,
Pamela Lienke, Secretary*



mini'app'les Handy Form

**New & Renewing Members-
Specify your level of support:**

- Regular \$25
- Student* \$15
- Sustaining \$40
- Foreign \$40
- Educational \$50
- Corporate \$100

* must be a full-time student
at an accredited institution

**Make Checks
Payable to
"mini'app'les"**

Name: _____
Company (if mailed to): _____
Address: _____

City, State, Zip: _____
Phone (Home): _____ **(Work):** _____
Occupation: _____ Check if this is a
Member ID# (if applicable): _____ address change.

Yes.

I'd like to join!

*If this is a new
membership or a
renewal, please
take a few minutes
to fill out this
questionnaire*

Which personal computer(s) do you use?

- Power Macintosh model(s) _____
- Macintosh model(s) _____
- Apple II model(s) _____
- Other _____

**What peripherals or
attachments do you use?**

- Printer
- Laser Printer
- Modem
- Scanner
- Digital Camera
- Drawing Tablet
- Voice Mail
- MIDI
- CD-ROM
- Other _____

**What are your areas of
special interest?**

- Business Applications
- Household Applications
- Educational Applications
- Desktop Publishing
- Programming
- Networking
- Games
- Other _____

**Please list the five software
packages you use most often:**

- Check if you want your
name withheld from
commercial and other
non-club mailing lists
- Check if you are
interested in volunteer
opportunities
- Check if you were
referred by a club
member. Please give
their name.

Macintosh & Apple II eDOM Orders

*Please allow up to
6 weeks for delivery*

Disk Size	eDOM #	Title or Description	Qty.	Price @	Total

Disk Prices

	Members	NonMembers
5.25" eDOM or System Disk:	\$1.00	\$2.00
3.5" eDOM:	\$5.00	\$10.00
Mac System 7.0.1 (9 Disks):	\$15.00	N.A.
GS/OS 6.0.1 (6 Disks):	\$10.00	N.A.
3.5" System Disks(All Other Systems):	\$2.00/Disk	N.A.

(Price includes 6.5% MN Sales Tax)

♦ NonMembers cannot buy System Disks

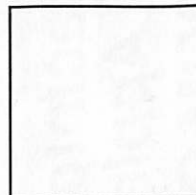
Total Merchandise

Add \$1/Disk for Shipping (\$4.00 Max)

GRAND TOTAL

Make Checks Payable to "mini'app'les"

Last Fold – Seal with Tape



Attention:
 Membership Director
 Software Director

**Mini'app'les
P.O. Box 796
Hopkins, MN 55343-0796**



2nd fold

1st fold

Dear Mini'app'les
Please direct this to the:
 Membership Director
 Software Director

mini'app'les Board of Directors Minutes

March 4, 1997

Members Present: Tom Gates
Pam Lienke, Bruce Thompson,
Bert Persson, Bob Demeules, Les
Anderson.

Absent: Denis Diekhoff, Chris
Gabbert, Nik Ludwig, Brian Bantz,
Ardie Predweshny.

Also Present: Erik Knopp, Harry
Lienke, Richard Peterson

Agenda approved with two addi-
tions.

Secretary's reports for December,
January, and February approved.

Annual meeting minutes
approved corrected to read General
Membership meeting.

Treasurer's report approved.

Officers' Reports

President

Thanks to Tom for the General
Membership meeting. We need to
finish slate of officers.

Vice President

Has items to discuss later in the
meeting.

Mac SIG Director

Is looking for someone for April
telecommunications meeting.

Publications Director

No report

Software Director

See report.

Operations and Resource Director

No report

Membership Director

See posted report. (comment: It
would be nice to know how many
memberships are as a result of
DRAGNet rather than regular mem-
berships.)

Apple SIG Director

See report—Also reported on the
group discussing Apple meetings.

Old Business

DRAGNet three month membership

They would like to pre-purchase
the memberships so those purchas-
ing the machines will not have to
write separate checks. We could have
a block of membership numbers
assigned to kits and forms.

Swap Meet

We should probably postpone it
because there seems to be some trou-
ble communicating with the people
at Apache. They have a two hundred
dollar minimum. We usually cover
this with tables we rent. Perhaps we
should plan for the fall just before
the holidays.

First Class

We are in the process of updating
the Server software.

General Membership meeting

We still do not have anyone
nominated for president.

Matthews center class

Two students showed up. There
were four club members.

MYOB

Nothing has been done.

Phone number

Only 30 seconds to record. Need
to find out what our contract says.
Have no action for other items.

New Business

By-law changes

Announcement for by-law
changes should be published on first
page each time. When should the
board deal with changes? Board
needs to review yearly according to
by-laws. There should be a commit-
tee to look at projected changes.
Richard, Harry, Tom are willing to
work on this.

Projector

Bert saw an ad for a used projec-

tor. No board action taken at this
time.

Post Office Box

We need to find a place conve-
nient to a number of people, have a
box available, and have parking. We
need someone willing to check into
this.

Announcements

Next Board meeting—April 1,
1997, Seward School, 2318 29nd
Ave. So., 7:00 P.M.

Adjournment 8:50
Respectfully submitted,
Pamela Lienke
Secretary

Benefits of your mini'app'les membership include:

A one year subscription to our monthly Newsletter

A free account on the mini'app'les BBS (45 minutes/day)

Communicate with other mini'app'les members plus get up to date information on mini'app'les events and meetings. Get assistance from other members. Download freeware and shareware.

Eligibility for frequent drawings of free equipment, software, and books.

Just a few of the many items given away free in the last year included: Connectix QuickCam, Microsoft Encarta, Books from Peachpit Press and MacMillan, RamDoubler, SpeedDoubler, Lind PowerBook battery Conditioners and Rechargers, Microsoft Art Gallery, and Apple System 7.5 software.

Discounts on book orders

40% off Peachpit Press, 30% off MacMillan family of book companies (Hayden, Adobe Press, Que, Sams, Brady, NRP, and Alpha)

Periodic special User Group discount offers on equipment and software.

In the past year, Apple, Hayes, Brøderbund, and APC Power Protection (Business Security Products), among others, have offered mini'app'les members significant discounts.

Plus, you're supporting all of mini'app'les' special interest group (SIG) meetings that you can attend each month.

***It's easy to recoup your cost of membership
with the above benefits.***

And a one year membership still costs only \$25.

 **mini'app'les**
Box 796
Hopkins, MN 55343

ADDRESS CORRECTION REQUESTED

Non-Profit Org.
U.S. Postage
PAID
St. Paul, MN
Permit 2537

 **mini'app'les membership card**

EXPIRES: 99-12 ID# 160

DAN B BUCHLER
2601 WOODS TRL
BURNSVILLE MN 55337