mini'app'les

apple computer user group newsletter

VOLUME VII No 3 MARCH 1984

CALENDAR WHICH	CALENDAR WHEN	CALENDAR WHERE	CALENDAR WHAT
St. Paul Branch - Note 3	Tue Mar 6 7pm-9:30pm	Mahtomedi Fire House Hallam & Stillwater.	VisiFile/DBMaster by Erik Carlson
Pascal & Apple /// Note 1	Wed Mar 7 7:30pm	Minnesota Federal 9th Ave S Hopkins	Pascal & Apple /// Special Interest Group Meeting.
St Cloud Branch Note 15	Thur Mar 8 7:30pm	Waite Park City Hall 5th Ave & 3rd St N.	GAME NIGHT Demonstrations and Competitions
Dakota County Branch Note 7	Tue Mar 13 7pm-10pm	St. John Neumann Church 4030 Pilot Knob Rd, Eagan	Music Synthesizer night with Chuck Boody
Board Meeting Note 2	Wed Mar 14 7:30 pm	Norwest Bank S 1st St., Hopkins	Nominations night. All members are welcome!
Medical SIG Note 13	Wed Mar 14 7.00pm	Health Associates Ctr. 2221 University SE, Rm 115	Dr Lynda Ellis Medical Education
Business Note 10	Thu Mar 15 7:00pm	Minnesota Sch of Bus's 11 S 5th, Mpls	
REGULAR MINI'APP'LES Note 2 Map next month	WEDNESDAY Mar 21st Prgm-7:30pm SIGS-8:30pm+	UNIVERSITY MINNESOTA ST. PAUL Room B45 Bldg 412 Near State Fair Ground	Keith Madonna, et al, brings you Game Night. Demos of, and discussions on the best Apple Games! + Bylaws ratification vote!
Educational SIG	Wed Mar 21	After Regular Mtg.	Note 12- MECC software demos.
Investment SIG Note 4	Thur Mar 22 7-9:30pm	Henn Cty Lib at Southdale 7001 York Ave S.	OPTIONS: an investment tool by Dick Velner
New Hope Branch Note 16	Tue Mar 27 7:00pm	Rockford Rd Library County Road 9	Demo of Macintosh by Computer Professionals
CP/M SIG Note 5	Wed Mar 28 7:00pm	Minn Fed Hopkins Hopkins MN	
Minnetonka Branch Note 8	Wed Mar 28 7:30pm	Glen Lake Community Ctr 14300 Excelsior Blvd room. E	Sftw and Hrdw Exchange night Bring your unwanted to trade!
St. Paul Branch - Note 3	Tue Apr 3 7pm-10pm	Mahtomedi Fire House Hallam & Stillwater.	CP/M by Scott Ueland
Pascal & Apple /// Note 1	Wed Apr 4 7:30pm	Minnesota Federal 9th Ave S Hopkins	Pascal & Apple /// Special Interest Group Meeting.
Dakota County Branch	Tue Apr 10 7pm-10pm	St. John Neumann Church 4030 Pilot Knob Rd, Eagan	Note 7
Board Meeting Note 2	Wed Apr 11 7:30 pm	Norwest Bank S 1st St., Hopkins	General club business. Meeting is open to all members.
Business Note 10	Thu Apr 12 7:00pm	Minnesota Sch of Bus's 11 S 5th, Mpls	
St Cloud Branch Note 15	Thu Apr 12 7:30pm	Waite Park City Hall 1401 S. 11th Ave	
REGULAR MINI'APP'LES Note 2 Map inside	WEDNESDAY April 18th Prgm-7:30pm SIGs-8:00pm+	NW College of Chiropractic (old PENN CENTER) 84th & Penn Bloomington	Election night
Educational SIG	Wed Apr 18	After Regular Mtg.	Note 12 Educational Software
Investment SIG	Wed Apr 19	Henn Cty Lib at Southdale	Investment Software Demo
New Hope Branch	Tue Apr 24	Rockford Rd Library	
CP/M SIG	Wed Apr 25	Minn Fed Bank	
Minnetonka Branch	Wed Apr 25	Glen Lake Community Ctr	Election of Branch Leaders

Notes: (See page 2 for telephone numbers)

1. John Schoeppner
2. Chuck Thiesfeld
3. Fred Woodward
4. Eric Holterman
5. W. Scott Ueland
6. Dan Buchler
7. Bob Pfaff
8. Martin Thames
9. Mike Carlson
10. Subir Chatterjee
11. Bill DeCoursey
12. Jane Chatterjee
13. Stewart Haight
14. Steve George
15. Frank M. Ringsmuth
16. Jere Kauffman

Mini'app'les

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

MINI'APP'LES OFFICERS

President	Chase Allen 15718 Hayes Trail, Apple Valley, MN 55124	431-7278
Past President	Ron Androff 1725 Crest Ridge Lane, Eagan, MN 55122	452-5230
Vice President	Chuck Thiesfeld 8416 Xerxes Avenue S., Bloomington, MN 55431	831-0009
Treasurer	John L. Hansen 38 Birnamwood Drive, Burnsville, MN 55337	890-3769
Secretary	Hugh Kurtzman 11622 Live Oak Dr., Minnetonka, MN 55343	544-7303

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	Jo Hornung	922-7665
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Spcl Int. - Business	Subir Chatterjee	330-7347
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Spcl Int. - Geneology	Bill Decoursey	574-9062
Spcl Int. - Handicaps	Steve Lyle	894-2991
Spcl Int. - Invest'nt	Eric Holterman	454-5628
Spcl Int. - Medical	Stewart Haight	644-1838
Spcl Int. - Pascal	John Schoeppner	455-8613
Spcl Int. - Visicalc	Mike Carlson	929-4120
Spcl Int. - CP/M & Hardware Coordinator	Scott Ueland	623-3749
Tech. Advisers (sftw)	Dave Laden	489-8321
(hdw)	Roger Flint	771-2868
Branch Coordinators:		
Dakota County	Bob Pfaff	452-2541
Minnetonka	Martin Thames	934-3517
Northwest	Jere Kauffman	535-6745
St. Cloud	Frank Ringsmuth	253-6032
St. Paul/Mahtomedi	Fred Woodward	426-4060
	Jim Schenz	429-4931

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	Steve George	
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INFORMATION

This is the Newsletter of Mini'app'les, the Minnesota Apple Computer Users' Group, Inc., a non-profit club. Articles may be reproduced in other User Groups' publications except where specifically copyrighted by author.

Questions
Please direct questions to appropriate board member or officer. Technical questions should be directed to the Technical Coordinator.

Membership
Applications for membership should be directed to the Membership Co-ordinator: Ann Bell 544-4505
8325 39th Avenue N.
New Hope,
Minnesota, 55427
$12 buys membership for one year. New members and persons renewing after letting membership expire, pay a $5 administration fee. Members receive a subscription to this newsletter and all club benefits.

DOMs and MSDs
The 3 most recent DOMs (Disk of the Month) are available at meetings for $5/disk or any DOM may be ordered by mail for $7.50/disk. MSDs are $15/disk at meetings or $17.50/disk by mail. Contact
Terry Schoeppner,
Box 241, Inver Grove Heights
MN, 55075 (455-8613)
Members may have DOMs copied to their own media. Contact Chuck Thiesfeld - details within this newsletter.

Dealers
Mini'app'les does not endorse any specific dealers but does promote distribution of information which may help club members to identify the best buys and service. Consequently, the club does participate in bulk purchases of media, software, hardware and publications on behalf of its members.

Newsletter Contributions
Please send contributions directly to the Newsletter Editor. Hard copy binary or text files are preferred, but any form will be gratefully accepted. Deadline for publication is the 1st Wednesday of the month preceding the month in which the item might be included. An article will be printed when space permits if, in the opinion of the Newsletter Editor, it constitutes suitable material for publication.

Advertising
Direct Advertising inquiries to our co-ordinator Eric Holterman at:
PO Box 21-425
Eagan, MN, 55121 612-454-5628

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ANNOUNCEMENTS

Minnetonka Branch
by Steven E. Baker

The next meeting of the Minnetonka Branch will be on Wednesday, March 28, at the Glen Lake Community Center, starting at 7:30 p.m. We are having a soft/hardware exchange, trade and sale night. This will be your opportunity to exchange old software you are tired of and used hardware you are no longer using, and get something "used" new. Copyright software must be originals. No copyright "copies" allowed. Public Domain programs are also welcome. **MAKE YOUR OWN TERMS AND DEALS.**

The April meeting will be the election of branch officers. Call Loren Richards, Minnetonka Branch President, for nominations.

Tax DOM

Al Peterman is busy preparing a tax DOM which will contain the spreadsheet model, prepared by Arsen Darnay, as described in the article entitled "DaisyWheeling" elsewhere in this newsletter. We hope to have that model available in VisiCalc, and Spreadsheet II (MagiCalc) formats. The disk will also contain a couple of other tax related programs and is targeted to be available at the March meeting.

GOTO 5

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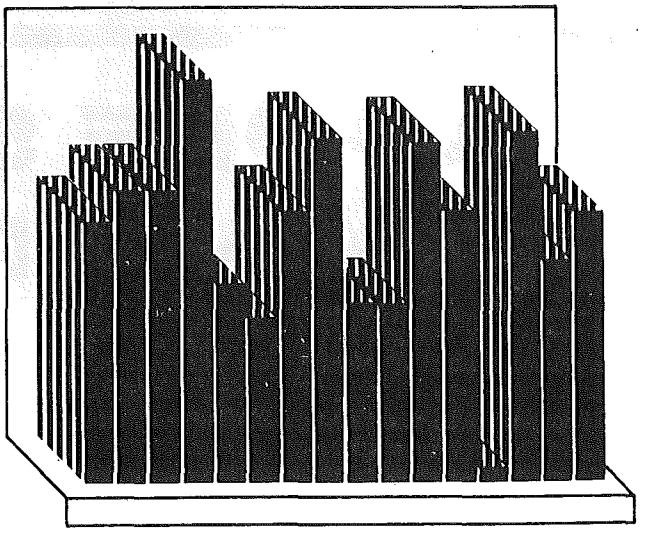

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Announcements Continued from page 4

Club Election

The election of a new Mini'app'les board will take place during the April general meeting. Voting rights, proxy information, etc., are described elsewhere in this newsletter by David Laden. You are the club, so exercise your right to vote.

Platform statements by candidates running for election will be published in the April edition of this newsletter.

Investment SIG
by Eric Holterman

The next meeting of the Investment SIG will be on **Thursday, March 22,** at the Hennepin County Library at Southdale. We will be in the Helen Young Room. Doors open at 7 p.m. and the meeting starts at 7:15 p.m., adjourning by 9:15 PM. The library is located at 7001 York Avenue South. It is on the east side of the street, across from Target. Plenty of free parking.

The topic for March is **Options, An Investment Tool,** and will be given by club member Dick Velner. Dick is also a broker with Smith Barney. He will present material relating to listed option contracts with emphasis on the use of options as a conservative investor's money management tool. The session should appeal to both beginners and experienced investors and computer users. While a computer is not necessary to apply the techniques discussed, references will be made to using an Apple to enhance and facilitate working with options.

The subject for the April meeting is not yet final but I am working on a program covering tax and financial planning programs (not tax preparation programs). If you use a planning program or are aware of one you would particularily like to see demonstrated, please give me a call at 454-5628.

GOTO 6

TIME FOR A TAX SEASON TUNE-UP

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Announcements Continued from page 5

Club Bylaws

At the next club meeting (Mar. 15, U of M), the club membership will be asked to vote on ratification of the proposed bylaws as published in the February newsletter.

Chaos at February Regular meeting!

We apologize to the membership for the mix-up in meeting room arrangements which almost ended in a calamity, but turned out OK in the end. A misunderstand between Mini'app'les and the management of the NW College of Chiropractic resulted in the auditorium being unavailable at 7:30 for our meeting. The building manager worked hard to rectify the situation and we were able to get into the auditorium before 8 p.m.

Mini'app'les Membership List

This edition of the newsletter, contains as an insert, an almost complete list of Mini'app'les members with ZIP code and phone number. A list is published as a service to the membership approximately twice per year. The list will not contain any members who have specifically requested that their name not be included. It should be noted that it is the policy of the club not to issue to anyone a membership list with full addresses. A map showing membership distribution within Minnesota is also included.

The club shall also be grateful to Dick Peterson who put in considerable effort in developing a program in BASIC and Assembly Language which reformatted the DBMaster club mailing list into the TEXT file format from which the insert was listed. Dick is also one of the unsung heroes who regularly volunteers his time to apply mailing labels to the newsletter.

GOTO 25

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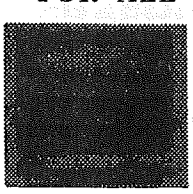

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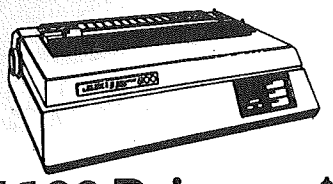

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Election Procedure

by David Laden

1. Nominations will be received at the March 14th Board Meeting. Two sets of nominations will be made. One set for President, Vice President, Secretary, and Treasurer. This list will be valid regardless of the outcome of the bylaw ratification.

   The second set of nominations will be for Communications Director, Software Publications Director, Technical Support Director, Branch Director and two Special Interest Group Directors. This set of nominations will be used assuming the new set of bylaws is ratified.
2. After ratification of the bylaws at the March 21st regular club meeting, nominations for each board position will be received from the floor.
3. All nominees will submit "such statements they may wish to make pursuant to their candidacy" to the newsletter editor by Wednesday March 21st for inclusion in the April Newsletter.
4. In order to encourage greater participation in the election, a one page, two fold ballot will be included in the April Newsletter. This ballot will be designed to be returned to the club P.O. Box. Anyone who is not going to be in attendance for the election can mail their ballot to the P.O. Box.

   To be valid, a membership number and last name will have to be written on the outside of the ballot. The flap with the membership number and name will be used for verification of membership and will be removed prior to counting the ballots.

   To be eligible to vote, you must be a member of the club as of the mailing of the April Newsletter. One vote will be granted for each dues paying member.
5. Ballots will be picked up from the P.O. Box by 12:00 noon on Wednesday April 18th.

   All ballots received will be checked against a master membership list. Mail-in ballots will not be counted until the election has closed.
6. Members who wish to vote at the general meeting on April 18th may pick up a ballot upon arriving. Again, members will be checked against the master membership list from ¶5 above.
7. Ballots will be accepted between 7:00 and 8:00 p.m. At 8:00 p.m. the election will close. All ballots including mail-in ballots will be counted by four election judges to be appointed.
8. Winners will be announced.

MECC DISKS

by Dave Nordvall

Special Deal for Club Members

What Is MECC?

The Minnesota Education Computing Consortium (MECC) is an organization established in 1973 to assist Minnesota schools and colleges in implementing educational computing. MECC provides a variety of services to education, including

1) development and distribution of microcomputer courseware;
2) in-service training for educators and materials for conducting training;
3) instructional computing assistance through newsletters and microcomputer purchase contracts; and
4) technical support including a timeshare system, local area networking and other technical projects.

MECC's knowledge and expertise in the educational computing field comes from nearly a decade of working with, and providing leadership for hundreds of local educators on a daily basis.

Mini'app'les members again have the opportunity to purchase MECC disks through the club. The cost will be $5.00 per disk. (This is also the cost to the club, so we aren't making a cent on the deal!) A list of MECC's software may be had by calling the MECC distribution center: 638-0627.

To order send a list of the disks wanted to:
Mini'app'les
MECC Order
P.O. Box 796
Hopkins, Mn. 55343

Make the check payable to Mini'app'les.

Orders must be received two weeks before, and will be delivered at the regular monthly meeting. Support booklets and manuals must be ordered from MECC.

Big Letters

by Dan Buchler

The logo at top of each page was printed using D. Buchler's HIGHER PRINT program and a LOGO Font on an Epson MX-80. A new version of HIGHER PRINT called HLQP (Higher Print for Letter Quality Printer) is being used to print the article headings and paragraph lead-ins. This printing process is in fact integrated into Pie Writer so that no paste-up is required.

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DaisyWheeling

A Federal Tax Model
by Arsen Darnay

I promised you a complete tax model last month — and, boy, am I ever sorry I did!
My back hurts, my fingertips are sore, and my eyes are glazed over from proofing, and I'm still not sure that the stuff on paper actually conforms to the material on my spreadsheet.

Here is the problem. To show a spreadsheet with all the formulas displayed is quite a difficult task. You have to do it by copying the formulas on paper and then pushing them through a word processor after that — and while you are in the word processing software, you can't zip back and look at the spreadsheet, and so there is a lot of back and forth. (Just wait til my wordprocessor/spreadsheet software is finished!)

Anyway, here are the things you need to know:

- The model shown below is for federal taxes only; I ran out of steam and so did not add the state model. I'll do it if I get some positive feedback on this, otherwise not.
- The model is set up for a married couple filing a joint return.
- The formulas are those used in THE Spreadsheet, Version 2. Those of you with other models may have to modify the @IF statements and the LOOKUP routines somewhat. Call if you have problems.
- The tax table built in will work if you have income below $1,000,000, not if the income is higher — but then you wouldn't need this model anyway.
- Inputs required of you are marked, surprisingly enough, as 'Input.' You need only enter values that pertain to your situation, disregard the others, but for the model to work, all the entries must be made or, at the least, a line must be skipped for each entry you don't use.
- Since THE Spreadsheet.2 allows variable column lengths, I've shown fairly understandable labels, but those, of course can be shortened.
- In the tables that show the models, the first set of numbers in the left-most column are the spreadsheet line numbers. The second set refer to line numbers in the federal schedules. Column values (A, B, C, etc.) refer to the spreadsheet columns.

So much for explanation. I have also submitted this model to our worhty editor in its actual, workable form for use by those who have THE Spreadsheet.2 . . . provided someone puts it on a DOM.

And, finally, the model is much easier to use than to write about, so don't be put off by my currently weary tone . . .

	A	B
01	INPUT VALUES	Input
02		
03	YOU	
04	----------	
05	WAGES	Input
06	ALIMONY	Input
07	BUSINESS INCOME	H44
08	TAXABLE PENSIONS	Input
09	OTHER PENSIONS	Input
10	RENTS, ROYALTIES	Input
11	FARM INCOME	Input
12	UNEMPLOYMENT	Input
13	OTHER Input	
14		
15	SPOUSE	
16	----------	
17	WAGES	Input
18	ALIMONY	Input
19	BUSINESS INCOME	Input
20	TAXABLE PENSIONS	Input
21	OTHER PENSIONS	Input
22	RENTS, ROYALTIES	Input
23	FARM INCOME	Input
24	UNEMPLOYMENT	Input
25	OTHER	Input
26		
27	JOINT	
28	----------	
29	INTEREST	Input
30	DIVIDENDS	Input
31	FILING STATUS	Input
32	NO. OF EXEMPT.	Input
33		
34	WITHHOLDINGS	
35	----------	
36	YOUR FEDERAL	Input
37	YOUR STATE	Input
38	YOUR EST. FED	Input
39	YOUR EST. STATE	Input
40		
41	SPOUSE FEDERAL	Input
42	SPOUSE STATE	Input
43	SPOUSE EST. FED	Input
44	SPOUSE EST. STATE	Input
45		
46	KEOGHS	Input
47	IRA'S	Input

GOTO 10

DaisyWheeling Continued from page 9

	C	D
01	SCHEDULE A -ITEM DED	
02		
03	01 MED/DRUGS	Input
04	02 1% ADJUSTMENT	032*.01
05	03 LN 1 - LN2 OR 0	@IF((D3-D4)>0, D3-D4,D1)
06	04 DOCTOR EXP	Input
07	TRANSPORT	Input
08	OTHER	Input
09	05 SUBTOTAL	@SUM(D6.D8)
10	06 5% ADJUSTMENT	032*.05
11	07 LN 5 - LN 6 OR 0	@IF((D9-D10)>0, D9-D10,0)
12	08 STATE/LOC TAX	Input
13	09 REAL EST TAX	Input
14	10A GENERAL SALES	Input
15	MOTOR VEH TAX	Input
16	11 PROPERTY/OTHER	Input
17	12 SUBTOTAL TAXES	@SUM(D12.D16)
18	13 MORTGAGE INTER	Input
19	14 CREDIT CARDS	Input
20	15 OTHER	Input
21	16 SUBTOT INTEREST	@SUM((D18.D20)
22	17 CASH CONTRIB	Input
23	CASH 3K TO ONE	Input
24	18 NONCASH	Input
25	19 PREV. YEARS	Input
26	20 SUBTOT CONTRIB.	@SUM(D22.D25)
27	21 CASUALTY/THEFT	Input
28	22 UNION DUES	Input
29	23 PREPARAT. FEE	Input
30	24 OTHER	Input
31	25 SUBTOT MISC.	@SUM(D28.D30)
32	26 TOTAL	D11+D17+D21+D26 +D27+D31
33	27 REDUCTIONS	@LOOKUP(B32,B50 .B53)
34	28 ITEM DEDUCTIONS	D32-D33

	B	C
48	ZERO BRACKET LOOKUP	
49		
50	1	2300
51	2	3400
52	3	1700
52	4	2300
53	5	3400

	E	F
01	SCHEDULE B - INT/DVD	
02		
03	01 SELLER MRTG INT	Input
04	02 OTHER INTEREST	Input
05	-	Input
06	-	Input
07	-	Input
08	-	Input
09	03 SUBTOT INTEREST	@SUM(F3.F8)
10	04 ASC'S	Input
11	-	Input
12	-	Input
13	05 SUBTOT ASC'S	@SUM(F10.F12)
14	06 ASC EXCLUSIONS	Input
15	07 SUBTOT	F13-F14
16	08 TOTAL INTEREST	F9+F15
17	09 DIVIDENDS	Input
18	-	Input
19	-	Input
20	-	Input
21	-	Input
22	10 TOTAL	@SUM(F17.F21)
23	11 CAP GAINS DISTR	Input
24	12 NONTAX DISTR	Input
25	13 EXCLUSION	Input
26	14 SUBTOTAL	@SUM(F23.F25)
27	15 TOTAL (TO 1040)	F22-F26

GOTO 11

Minutes Concluded

Because the contracts have now been signed, MSD'S are again being sold.

A proposal from Steve Lyle of the Handicap SIG for someone to "sign" at the meetings was tabled for further study.

Approval was given to Jay Warrior (Communications SIG coordinator) to purchase $1003 worth of equipment and pay up to $300 worth of monthly phone costs for a bulletin board to serve 30-60 members. Jay presented a well thought through plan including technical details on BBS performance.

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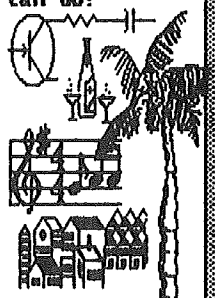

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DaisyWheeling Continued from page 10

	G	H
01	SCHEDULE C - BUS INC	
02		
03	01 GROSS RECEIPTS	Input
04	RETURNS/ALLOW	Input
05	NET INCOME	H3-H4
06	02 COST OF GOODS	Input
07	03 GROSS PROFIT	H5-H6
08	04 WINDFL PR/REFD	Input
09	OTHER INCOME	Input
10	05 GROSS INCOME	H7+H8+H9
11	06 ADVERTISING	Input
12	07 BAD DEBTS	Input
13	08 BANK SVC CHARG	Input
14	09 CAR/TRUCK EXP	Input
15	10 COMMISSIONS	Input
16	11 DEPLETION	Input
17	12 DEPRECIAT.	Input
18	13 DUES/PUBLIC.	Input
19	14 EMPLOYEE BENEF	Input
20	15 FREIGHT	Input
21	16 INSURANCE	Input
22	17 INTEREST ON B.D.	Input
23	18 LAUNDRY/CLEANG	Input
24	19 LEGAL/PROFFES.	Input
25	20 OFFICE EXP.	Input
26	21 PENSION/PR SHARE	Input
27	22 RENT	Input
28	23 REPAIRS	Input
29	24 SUPPLIES	Input
30	25 TAXES	Input
31	26 TRAVEL/ENTRT.	Input
32	27 UTIL./TELEPH.	Input
33	28 WAGES	Input
34	JOBS CREDIT	Input
35	SUBTOTAL	H33-H34
36	29 WINDF PROF 83	Input
37	30 OTHER EXPENSES	Input
38	-	Input
39	-	Input
40	-	Input
41	-	Input
42	-	Input
43	31 TOTAL DEDUCTS	@SUM(H11.H32)+ @SUM(H35.H42)
44	32 NET PR/LOSS	H10-H43

	I	J	K
01	SCHEDULE W		
02		YOURS	SPOUSE'S
03	01 WAGES	B5	B17
04	02 BUSNESS	B7	B19
05	03 TOTAL EARN	J3+J4	K3+K4
06	04 ADJUSTMT	Input	Input
07	05 SUBTOTAL	J5-J6	K5-K6
08	06 SMALLEST		@IF((J7> K7),K7, ,J7)
09	- PROGRAM		@IF((J7= K7),K7, K8)
10	- PROGRAM		@IF((K9< 30001), K9,30000)
11	08 EXCLUSION		K10*.1

	L	M
01	FEDERAL LOOKUP	
02		
03	0	0
04	3401	(036-3400)*.11
05	5501	231+((036-5500)*.13)
06	7601	504+(((036-7600)*.15)
07	11901	1149+((036-11900)*.17)
08	16001	1846+((036-16000)*.19)
09	20201	2644+((036-20200)*.23)
10	24601	3656+((036-24600)*.26)
11	29901	5034+((036-29900)*.3)
12	35201	6624+((036-35200)*.35)
13	45801	10334+((036-45800)*.4)
14	60001	16014+((036-60000)*.44)
15	85601	27278+((036-85600)*.48)
16	109401	38702+((036-109400)*.5)
17	1000000	

GOTO 13

Mini'app'les Software Disks
MSDs

3 Great Disks:

- **Mini'Scrip** Checkbook Financial System - MSD #1. A home and small business checking and accounting package by Leighton G. Siegel.
- **Micro-mailer** - MSD #2. Mail list program by Juris and Paula Ozols of Prairie Microsystems Inc. Magic Window though not required works well in conjunction with Micro-mailer.
- **Higher Text Extensions** - MSD #3. Contains Higher Print by Dan Buchler, Message Maker by Charles C. Boody and Higher Word-processor by Don Hagberg.

Higher Print provides a high density print capability with a selection of fonts and more if you own Higher Text from A.P.P.L.E. The newsletter headers and logo are printed with Higher Text.
Message Maker requires that you own HIGHER TEXT. It serves as a tool to create and display, on your screen, messages which scroll up and down, left and right and do other useful things.
Higher Word Processor is a easy to use line oriented text editor suited to letter writing and everyday home use. It integrates with Higher Print.

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DaisyWheeling Concluded from page 11

	N		O
01	FEDERAL 1040		
02			
03	07	WAGES	B5+B17
04	08	INTEREST	F16
05	09	DIVIDENDS	F27
06		EXCLUSION	Input
07		SUBTOTAL	05-06
08	10	STATE REFUNDS	Input
09	11	ALIMONY	B6+B18
10	12	BUSINESS	B7+B19
11	13	CAPITAL GAINS	Input
12	14	40% CAPITAL GNS	Input
13	15	SUPPL. GAIN/LOSS	Input
14	16	TAX PENSIONS	B8+B20
15	17	OTHER TAX PENS	B9+B21
16	18	RENTS/ROYALT	B10+B22
17	19	FARM INCOME	B11+B23
18	20	TAXBLE UEMPL	B12+B24
19	21	OTHER INCOME	Input
20	22	TOTAL INCOME	@SUM(07.019)+03 +04
21	23	MOVING EXP	Input
22	24	EMPL BUS EXP	Input
23	25	IRA WORKSHEET	Input
24		84 IRA FOR 83	Input
25	26	KEOGHS	Input
26	27	PENALTY	Input
27	28	ALIMONY PAID	Input
28	29	2ND INC EXCL	K11
29	30	DISABILITY	Input
30	31	TOTAL	@SUM(021.029)
31	32	ADJ GROSS INC	020-030
32	33	SECOND PAGE	031
33	34	ITEM DEDUCTS	D34
34	35	SUBTOTAL	032-033
35	36	EXEMPTIONS	B32*1000
36	37	TAXABLE INC	034-035
37	38	TAX	@LOOKUP(036,L3. L17)
38	39	ADDITIONAL TAX	Input
39	40	TOTAL	037+038
40	41	ELDERLY CREDIT	Input
41	42	FOREIGN TAX CR	Input
42	43	INVEST CR	Input
43	44	POLIT CONTR	Input
44	45	CHILD CARE CR	Input
45	46	JOBS CREDIT	Input
46	47	RES ENERGY CR	Input
47	48	TOTAL CREDITS	@SUM(040.046)
48	49	BALANCE	039-047
49	50	SELFEMPL TAX	Input
50	51	ALT. MINIMUM	Input
51	52	RECAP ITC	Input
52	53	SS ON TIPS	Input
53	54	UNC. EMPL SS	Input
54	55	TAX ON IRA	Input
55	56	TOTAL TAX	@SUM(048.054)
56	57	FED TAX W/HELD	B36+B41
57	58	83 EST TAX PD	B38+B43
58	59	EARNED INC CR	Input
59	60	AMT PD F4868	Input
60	61	EXCESS SS	Input
61	62	FUEL CREDIT	Input
62	63	REG INV CO CR	Input
63	64	TOTAL PAYMENTS	@SUM(056.062)
64	65	AMOUNT OVERPAID	@IF((063>055), 063-055,0)
65	66	AMT REFUNDED	064
66	67	AMT APPLY TO 84	Input
67	68	AMOUNT OWED	@IF((055>063), 055-063,0)

Dan Had a Dream Concluded from page 24

Since that time the membership and the number of special interest groups within the club have continued to grow. When I joined Mini'app'les, in February of 1982, there were four SIGs listed on the inside cover of the newsletter. Circulation was 900. In the intervening two years this has expanded to 12 SIGs, five branches, 28 DOMs, three Mini'app'les Software Disks, and a newsletter circulation of 2200!

Although Dan says that he in no way envisioned the present dimensions of the organization when he first foresaw the need for an Apple users' group six years ago, it was his initiative that led us to where we are today. Mini'app'les is a strong organization with a core of dedicated members who give freely of their time and talents to help Apple computer users and the club get better and better. Who knows where we will go from here -- we seem to have no "outer limits"!

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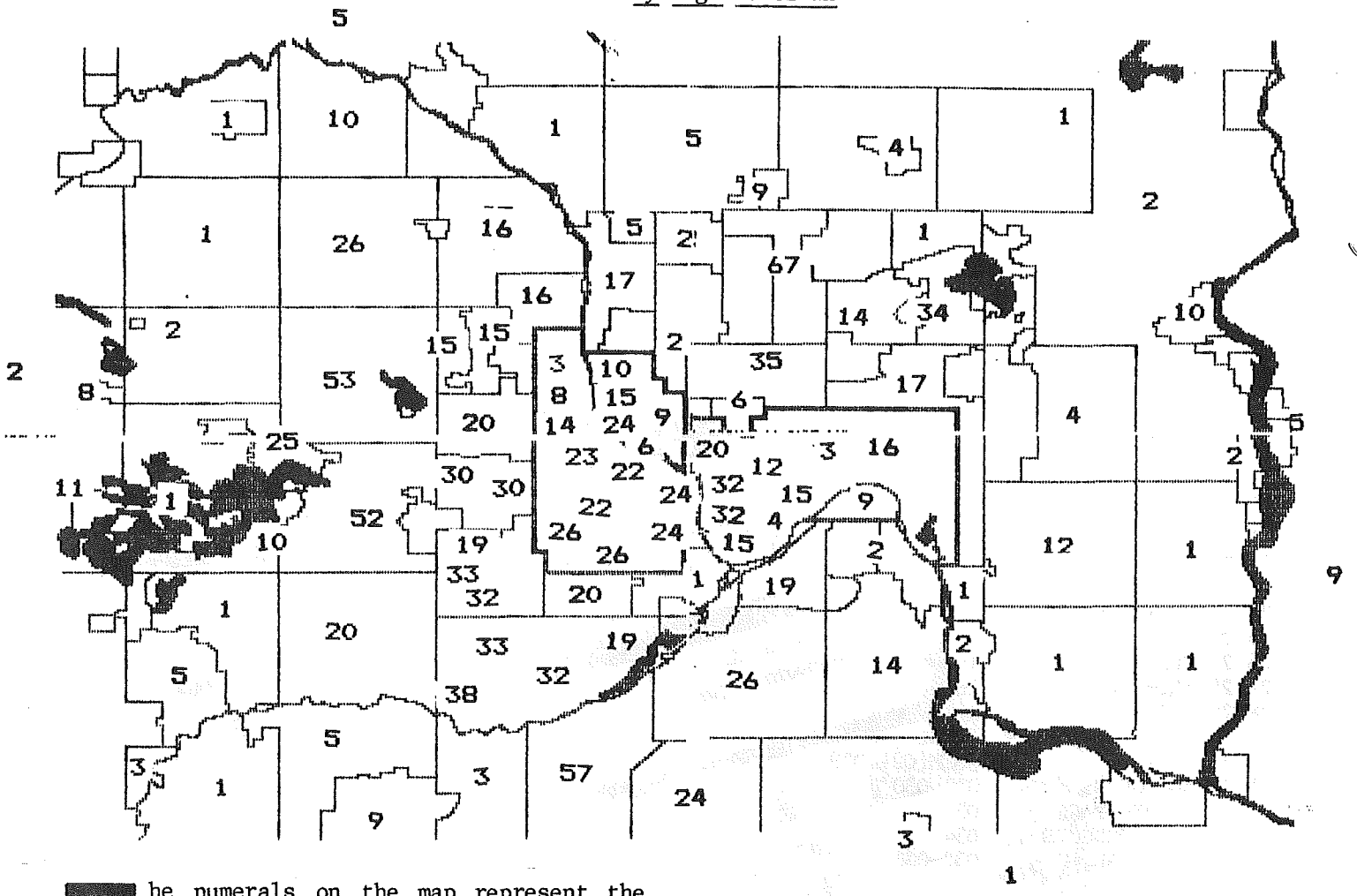
Membership Distribution

by Hugh Kurtzman

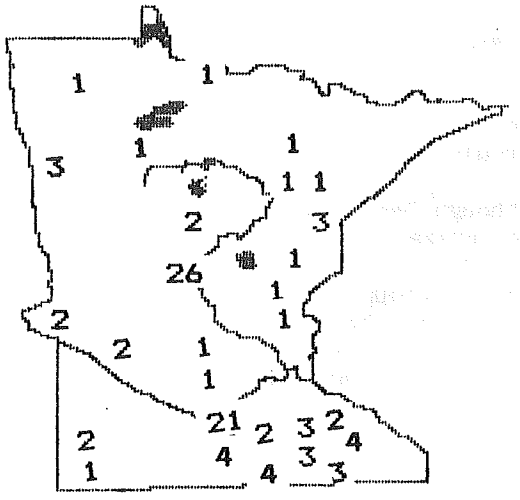


The numerals on the map represent the number of members living in a specific geographic area. These values were derived by performing a ZIP code count on data in the club maillist database. We tried to place the counts on the map as correctly as possible.

The Twin Cities map was drawn by John Schoeppner. It is actually 4 HiRes screens pasted together. The Minnesota map is from DOM 6 and is by S.K Johnson. GRprint from DOM 23 was used to print the maps. Assembly and keylining was performed by Hugh Kurtzman.

Summary of the member count

	Hennepin Co.	941
	Ramsey Co.	391
	Dakota Co.	141
	Anoka Co.	45
	Washington Co	35
	Carver Co.	12
	St.Cloud	26
	Mankato	21
Outstate	Minnesota	50
	Wisconsin	31
	Iowa	5
	Wa,Il,Mi,Ct	3 each
	Az,Ma,ND	2 each
	Ka,Ar,Tx,NM,Ca,NY	
	Md,Fl,Tn,Oh,In	1 each
	England, France, Canada, Austrailia	1 each



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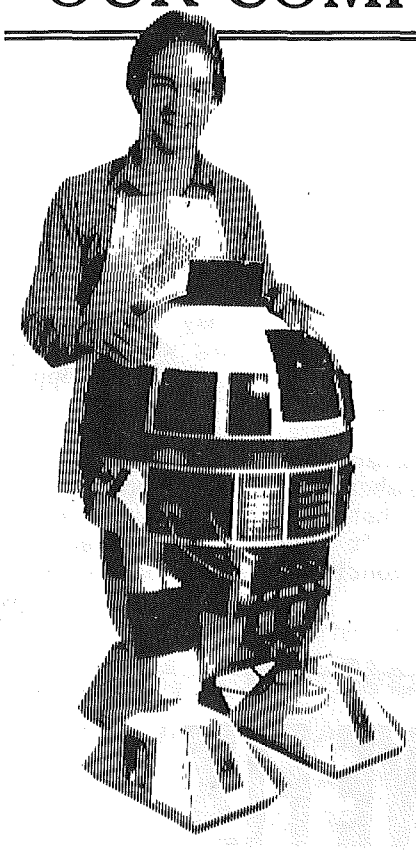

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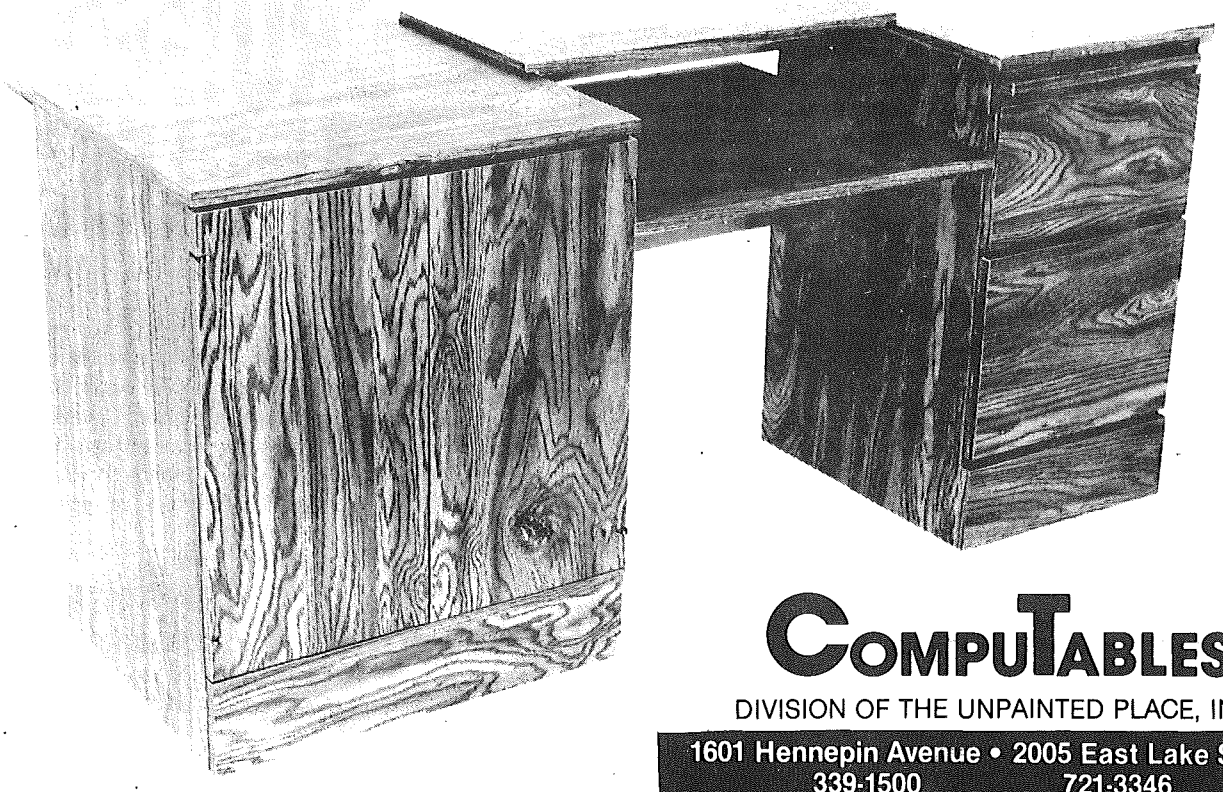

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Talk About Support...

Diversi-DOS
by Eric Holterman

The degree of user support provided as a part of the price of software is often hard to ascertain when buying a software package. Yet, to me, this vital part of the software package is one of the main justifications for paying more than the price of a good book for a piece of software, and it should begin at the point of sale. After all, when I purchase a book, I usually don't expect the author, publisher or bookstore to assist me in understanding the book or in the application of the book's content to my particular need. This is not to say that I don't expect to read and study the software package's manual and instructions carefully before asking for further help if I still need it.

Diversi-DOS, written by Bill Basham of DSR, Inc., has been a pleasant surprise. First of all, its distribution system includes encouraging users to copy and distribute the disk to anyone who might be interested in it. This allows you ample opportunity to test and use before you buy. Then, if you decide to use it, you send in your $25 license fee and $5 for the latest version. Since the disk is not copy protected, you make your own back-ups. Licensed users are notified if the program is updated and a copy of the updated disk may be purchased for $5.

Contrast this to buying a sealed package that you may or may not have been able to try before buying. And there can be the aggravation of having to then buy a backup disk of the copy-protected original, sometimes for a lot more than $5. And, strange as it seems to me, some software publishers don't bother to notify their customers of updates. To top that off, some want top dollar for the update even when it does little more than correct or make alterations in the original features (as opposed to adding more features or capability) to the program you have already bought. I have purchased one $5 update (4-C) of Diversi-DOS and was very pleased with both the improvements and new features.

Diversi-DOS is a clear winner on every point here and continues to score points later on. The documentation states that licensed users may call for support. I did, and, to my surprise, within a few minutes was talking to the program's author himself. The question concerned getting A.P.P.L.E.'s GPLE and Apple Computer's Renumber to run at the same time with Diversi-DOS moved to my RAM card. Basham didn't have any answer for me on the spot but said he would drop me a note with what he would suggest. A few days later I found a letter and disk in the mail, with a modified DOS mover and Diversi-DOS that was a bit more compatible with GPLE.

Now this is what I call good support! Indeed, providing program modifications goes beyond what is expected. The important point is that when buying software I consider the disk and documentation I get at the point of sale to be only part of what I have purchased. The support I have received for Diversi-DOS rates an A+!

There are often several programs that will meet a particular need. For me, the way in which a program is supported may very well be the deciding factor in choosing which program to buy and I encourage you to make support part of your buying decision too.

Editor's note: Diversi DOS is available as a convenience to members on a Mini'app'les DOM. Note, however, that Mini'app'les does not collect the $25. It's up to you to send in your $25, if you continue to use the package.

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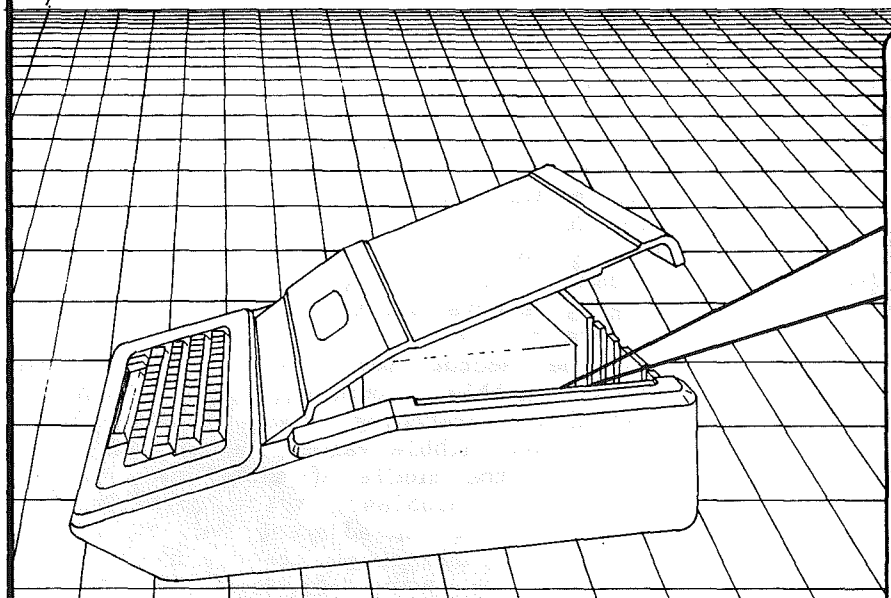

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Locksmith 5.0

A review
by John L. Hansen

Times they are a-changin'. Many of you will not remember because you weren't involved with Apples at that time, but there was once a nibble-copy program which copy protected programs (or most of them). It was written because some software programs such as "VisiCalc™" were not copyable by normal techniques and the distributor would not even sell backup copies. Only after Locksmith (LS) appeared, and quite some time later at that, did Personal Software (now VisiCorp) condescend to sell a backup for $30.00. When booted, LS 3.1 gave you a choice of drives, auto or manual error checking, copy all or some tracks or half tracks, and synchronized or nonsynchronized. It was rumored that if you knew the right key to press (the "/" as I remember), you could even change parameters, whatever they were.

The manual did not mention them or much else.

Locksmith 4.1 came with a menu that offered the options of doing a bit copy, a quick scan of disk data (same as the bit copy, but without writing to the backup disk — slow), modifying parameters, interfacing with "The Inspector", examining the disk with a nibble editor, erasing the disk, certifying the disk surface, and checking disk speed. The manual expanded from a folded sheet of paper to 12 pages. An overview of nibble copying covered a little more than a page. During the copy process, a series of processing codes appeared on the screen followed by a block of hex data chosen by LS 4.1 to be the start of the track. Initially, no information was provided to tell you what the codes meant. Some time later, mailings from Omega began to mention algorithms, etc. Parameter updates were provided from time to time, usually on "The Source", though they could be obtained by mail. The program was useful, but the information on use was scanty. Omega recognized this and provided "The Compleat Guide to Locksmith Parameters" and "Locksmith Technical Notes".

Now, after a couple years of diligent work, Omega Microware (Chicago, Ill) has produced the latest version, Locksmith 5.0. The price is $99.95, or $24.95 to upgrade from Locksmith 4.X or $34.95 to upgrade from Locksmith 3.X. There are a "few" changes. The manual is 140 pages long. It includes an eight-page history of Locksmith and copy protection and contains much interesting information. For example, prior to this version, each copy of Locksmith placed its serial number on EVERY disk it copied. Omega offered to assist software manufacturers by means of this feature in the prosecution of software pirates, but got no takers. LS 5.0 will not encode its serial number on the copy. Protection schemes have become much more sophisticated, advancing from an erased Track 3 to moving the catalog out of Track $11, using Track $23, changing the checksum of the address field, changing the format of the address field, changing sector numbers, changing headers and trailers of both address and data fields, pseudo-sectors (for example, only one sector per track), synchronized tracks, nibble counting, half tracks, physically scratching the disk surface, changing sync-nibble values, use of self-sync nibbles in the middle of normal data fields (data-latched nibbles), track spiraling or arcing (writing on adjacent half-tracks by using non-overlapping track arcs), and finally, using quarter-tracks. Omega says, "Locksmith 5.0 is capable of handling all of these types of protection methods, along with many others."

The LS 5.0 menu includes Backup/Copy Disk, Parameter Changes, Text Editor, Quick Scan Disk, 16-Sector Utilities, Use Inspector/Watson, Erase Disk, Nibble Editor, Disk Speed, and Certify Disk. The program has become so large that you are often prompted to insert the LS 5.0 disk when you attempt to switch to a different menu item. The most efficient way to use LS 5.0 is probably with three drives, though two will work adequately. Most of these features, though similar in name to ones in LS 4.1, are new versions and more powerful.

Backup/Copy Disk — This is the bit- or nibble-copy routine. You are led easily through a sample copy procedure that requires no parameter changes. Unfortunately, no example is given to show you how to copy if parameter changes are needed, and even more unfortunately, no parameter changes are included with Locksmith 5.0.

Quickscan Disk — This feature gives a hi-res graphic display of the sync bytes on a disk for whole, half or quarter tracks. It can be used to locate tracks without data and even track spriraling.

Parameter Changes — Lists the parameter table and the methods of changing parameters. Unfortunately again, no examples of parameter changes are given.

GOTO 20

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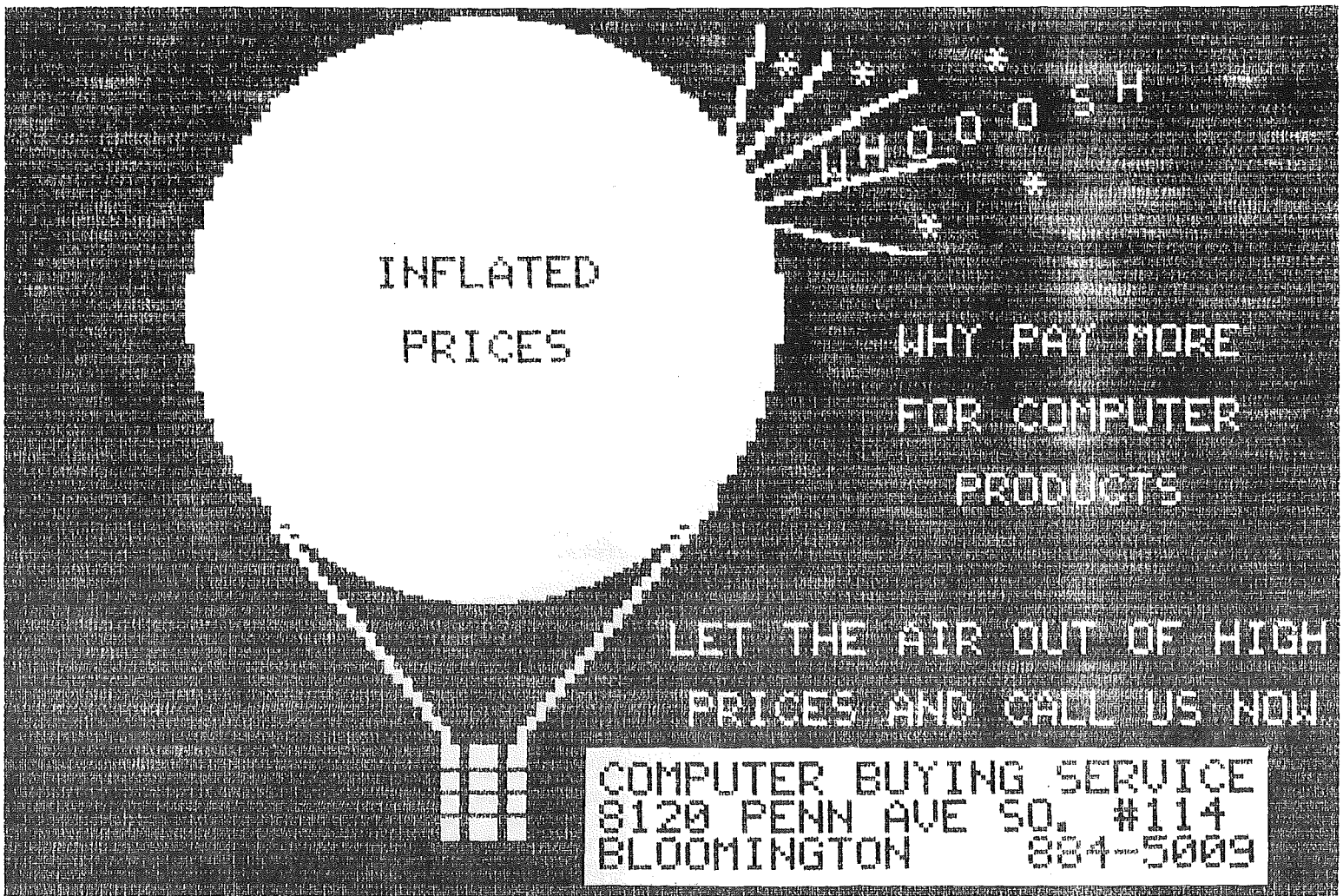

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BANK STREET WRITER	$69.95	$49.95
PFS: FILE	$125	$85

AND THE LIST GOES ON & ON & ON & ON & ON

Locksmith 5.0 Continued from page 18

Certify Disk — Writes a pattern to each track and reads it back to verify that it can read what was written. Any tracks that do not verify are indicated. A bad track can be due to media damage, but may also be due to disk-drive malfunction.

Erase Disk — Destroys data on the disk. Some protection schemes require that tracks have no data in them.

Disk Speed — Used to check drive speed. Three options are available: calibrate at 300 rpm, calibrate at optimum drive speed for copying disks (slightly slower than normal), and calibrate your drive at the same speed as the drive on which the disk to be copied was written. The manual does not tell you what to do to set the speed to the desired value. I assumed the drive speed must be changed to move the hi-res plot to the zero line on the hi-res screen and confirmed this with a call to Omega. The LS 5.0 speed check indicated my drives were running fast, but an Apple Computer speed test showed them to be running slightly slow, at the speed Apple recommends.

Nibble Editor — Many more functions than LS 4.1. Tracks, full, half, and quarter, can be read and analyzed. Analysis can be with a single algorithm, the current algorithms, or with ones you specify. Parameters can be changed, nibble combinations can be found, the "track start" can be verified, location of sync nibbles in the track you have read can be determined, the buffer can be dumped to your printer, and many other operations performed. There are forty-three commands or command combinations in the Nibble Editor.

Text Editor — Used to enter Locksmith Programming Language (LPL) commands to customize the copy program for specific needs. The files created can be saved on a standard DOS disk and recalled for use when needed. The LPL commands can be used to change parameters by name and to invoke named algorithms to analyze a track loaded into the buffer. Provision is made for error handling and looping. There are numerous examples of parameter setting with LPL but none of algorithm commands. These are reasonably defined in the algorithm tables (see my comments below, however).

Using LPL, it will be possible to update the LS 5.0 disk with patches from Omega, eliminating the necessity of returning the disk to them for updating. Updates will include copying techniques for new protection schemes and correction of software bugs. Patches will be distributed as updated disks, printed material, or modem files.

16-Sector Utilities — These include Fast Disk Verify, Fast Disk Backup, Format, Compare, and Sync Signature. They work on disks with standard 16-sector DOS. "Fast Disk Verify", unlike Certify Disk, can be used on a disk containing data. "Fast Disk Backup" is very impressive. Using an Apple with a Language Card and a 32K RAM card, it will copy and verify a complete disk in 25.75 seconds. With a 128K RAM card, a disk is read in 8 seconds and copied in 8 seconds; verifying adds another 7 seconds. If your memory is large enough to hold a complete disk image, additional verified copies can be made at a rate of 15 seconds each. Any RAM cards in your computer are automatically located and used. "Format" will format a single track, range of tracks, or complete disk. "Compare" will compare two disks for differences. "Sync Signature" can be used to obtain a signature of the sync pattern on normal 16-sector disks.

Inspector/Watson — If these programs have been loaded into a RAM card or are present in ROM, you can go directly from LS 5.0 to them and back. The default buffer location has been moved from $800 to $4000 because $800 is reserved for LS 5.0.

Valid parameters and their keywords and meanings are listed. Parameter numbers are not listed "because they may change in the future". Having to use parameter names will significantly expand the size of the parameter lists, assuming that Omega plans to supply them.

Using the parameter editor and parameter keywords, I checked for locations in the parameter table and made some interesting discoveries. For example, PAT1 through PAT7 are described as "7 general purpose pattern parameters", 16 bytes in length, to be used by pattern-matching algorithms. Examination shows that only PAT1 and PAT7 contain patterns; the other five are blank. Values and locations for three of the keywords were not found in the parameter table.

A 36-page description of algorithms is given. The algorithms are the functions that do all the work in the copy procedure. Having such a table is a welcome change from the previous manual. When the copy routine is run, an inverse display of algorithm numbers is shown as they are applied. After each number a "+" or "-" appears. I assume this indicates whether the algorithm functioned successfully or not. It's not discussed in the manual. In several instances, algorithm numbers displayed on the screen were not found in the table.

GOTO 21

Locksmith 5.0 Concluded from page 20

The manual also includes a 6-bit nibble-translate table, a nibble-decode table, track-number-decode table, a physical-to-logical sector-translate table, and a brief discussion of 13- and 16-sector track formats.

THE GOOD THINGS

1. I was able to back up a couple programs without parameter changes that I had not been able to do previously (no names to protect the innocent).
2. The Fast Disk Backup alone may be a good buy for people who do a lot of DOM copying. It's an excellent addition.
3. Quickscan and some of the improvements in the Nibble Editor are very useful and interesting, even though my capabilities lie far below those of the "Super Pirates".
4. I had a problem with LS 4.1 after I installed the Enhancer II because of a typeahead buffer. The problem does not seem to exist with LS 5.0.
5. A built-in screen dump (CTRL Z) and a dump of the current track from the buffer (press #) are nice additions.
6. The history of copy protection was fascinating.

AND SOME NEGATIVES

1. A 140-page manual is obviously a big improvement over 12 pages and it contains much interesting and useful information. However, it appears, as is often the case, that the manual was written by a person so familiar with the program that he doesn't realize how much help novices need. It should have been submitted to a committee of people who had never used LS before in order to eliminate some of the deficiences:

   a. The opening screen reads, "To load Slot 0 RAM Card, press 'L' while booting." I can find nothing in the manual that tells what this does for you. It does increase the boot time from 15.28 seconds to 23.65 seconds.
   b. Using the Text Editor and LPL, a user is supposed to be able to develop a program to change parameters and apply the necessary algorithms to copy most programs. However, there are no examples of such programs, no default-algorithm list, no tutorials to help beginners, etc. In essence, the manual is not a lot of help if you want to learn how to modify the default copy procedure. I've always felt that if I had good instructions, I could follow them and get acceptable results. However, in this case I think that a person who can figure out how to use the Text Editor/LPL/algorithm/- parameter combination from the manual can probably break protection schemes already and doesn't need a nibble-copy program.
   c. No program parameters or parameter-change examples are included. This means that a purchaser who is not experienced in deducing protection schemes cannot use the program to back up programs until the newsletter (see below) comes out.
   d. Only one example of a nibble read is shown (to demonstrate a printout). Examples of the types of nibble reads to be expected from various types of protected disks would be informative. "Nibbles Away II" and "Copy II Plus" have done it.
   e. The problem mentioned above with Disk Speed.
   f. No information about "+" or "-" with algorithm displays.
   g. Parameter numbers are not used. After training about 20,000 people to them, they go to a new, undefined system.

2. I used Disk Certify to check 10 disks. Upon completion of the test, the program is supposed to go back to the main menu. Following three of the tests, the system locked and I had to reboot. These were not consecutive failures.

The improvements in LS 5.0 are very impressive. I talked to the editor of the manual, briefly. He said that Omega plans to publish a newsletter for registered owners of LS 5.0 that will include additional information not covered in the manual and also parameters. That will take care of most of my complaints, but as many companies with quality programs are saying these days, it's better to "Do it right the first time".

Editor's note: The President of the IAC, Dave Alpert is also the President of Omega Microware.

Errata

Stopping the Blinking Cursor

There was an error in subject article published in the February newsletter. POKE 56, 157 should read: POKE 56, 167.

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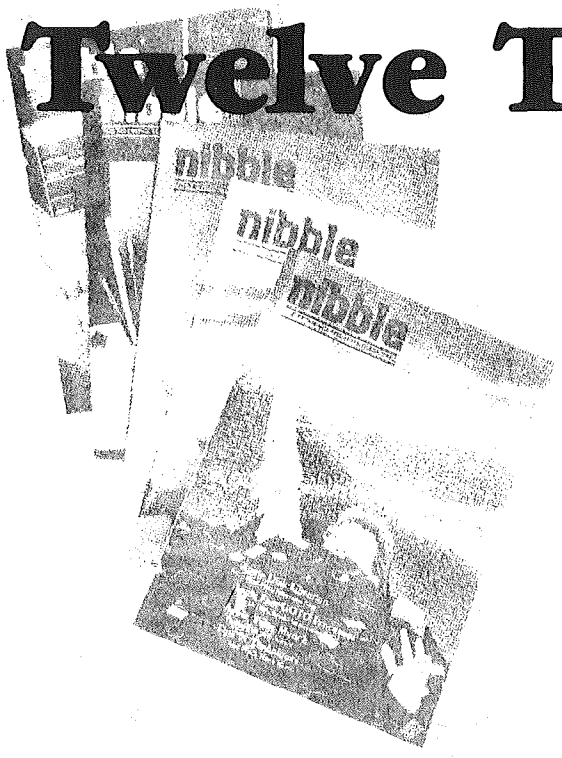

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Almost All About DOS

by Steve George

Last summer I ordered Call -APPLE's set of disks for their latest publication of the In Depth series #3: **All About DOS**. You can imagine my surprise upon discovering that what I received is not what was promised in their ads. I should have received '...diskettes containing the programs in the...' In Depth publication. An ad said you would 'get all diskettes of programs appearing in In Depth...' Needless to say, not all programs were on disk. True, some were really short (1/4 page) while others were rather long (1 page Assembly Source code). Still not too long, but when you consider that they DID include a 2-liner... I feel they ALL should have been included.

For some reason, I had a feeling that one of the disks was not as full as it (and they) said it was. I quickly set out to see if there was any extra space lying around. First, because I've gotten spoiled by having DOS available on just about every disk (these didn't even have room for DOS), and second, because there was at least one Applesoft program which has to either BLOAD or BRUN (I forget which right now) a program that is on disk in its source code, but not even assembled!

My investigation of the disk (All About DOS Disk A) proceeded from two directions: 1) the Front door, and 2) the Back door. From the Front, I found which programs used which Track/Sector lists, and which Tracks and Sectors were used for storage — very, very time consuming but probably accurate. From the Back, I simply DELETEd all programs from my backup disk — very quick, and probably more accurate. I wish I'd thought of this second way first!!

Lo and behold, the two methods produced the same results. Tracks and Sectors which hadn't been accounted for in either T/S lists or programs (Front door) were the same ones which still contained information when all programs were DELETEd (Back door). [Check out your disks before proceeding with the following. They MAY be different, but I doubt it. When I last spoke with two people at -APPLE, they indicated that they were producing and would continue to produce the disk with these Tracks/Sectors of garbage in them.]

Seventy-nine sectors can be freed up! All of Tracks (Hex) $14 through $17 are garbage, and Track $13 Sectors $0 through $E are too. Again I tried two approaches to the problem. The second is much easier, and I think that's the way to go. But, of course, let's explain the first, more difficult, approach.

To allow program storage in these areas, get into the VTOC (T$11/S$0) and change the information which shows them as used, to reflect that they are free. The short table below shows what I did with backup Disk A:

VTOC+ offset	Bytes to show free	Track/sector affected
$84	7F FF	$13/$0-$E
$88	FF FF	$14/$0-$F
$8C	FF FF	$15/$0-$F
$90	FF FF	$16/$0-$F
$94	FF FF	$17/$0-$F

Now you can go ahead and add the programs to your disk that were in the publication but not on disk. (Tsk, tsk.)

The second method will give you back DOS on each of the disks and still leave room for about 15 sectors of additional programs. A further advantage (?) is that you can, within the constraints of disk capacity, group the programs which YOU feel should be together in a way which better suits YOUR methods or way of thinking. You might even want to RENAME some of them so that there is some logic between the article title and program name.

INITialize a couple of disks and FID the programs from your masters. I don't recommend FIDing the Header files — when transferred they'll take up 1 sector each (7 total) and then you'll have to ZAP them to retrieve the wasted sectors. All of the programs will fit, but with only 15 sectors of extra room you may have to juggle things around a little. OR, don't transfer everything to your new backups: Who uses Atari/TRS80 formatted disks THAT often? Leaving these off will save 44 sectors.

Since only ten months have rolled by since my letters to Call -APPLE asking for an explanation about the missing programs, I guess I can still hope for an explanation about their ad claims.

From the sound of things you might think I am a little upset with Call -APPLE. Truthfully, they've been frustrating at times (I'm still waiting for my new Applesoft Carpenter II), but over all they're a great organization and the price for their club diskettes is reasonable.

Dan Had a Dream

(but it was nothing like this)

by Jo Hornung

(Some of the information for this article was taken from "The Evolution of a Computer Club" by Stephen K. Johnson, in the Nov., 1981, issue of Mini'app'les.)

Even before he bought his Apple, in May, 1978, Dan Buchler foresaw the need for a users' group in the Twin Cities area. According to Dan, the concept of users' groups had existed among commercial computer users prior to that time, but there were very few such groups for personal computer users. Fact is, there weren't many personal computer users at all in early 1978. Team Electronics was the only outlet for the Apple in the area until Bill and Tim Weldon opened Computerland, in Bloomington, in June of 1978. By the end of that year, however, three or four local stores were selling Apples.

The idea of an Apple computer users' group for this area was evidently conceived independently by both Dan Buchler and Bill Weldon, and each wrote to Apple to express such an interest. Dan's letter reached Apple first, so he became Apple's contact person for an Apple user group in this area. The name Mini'app'les was Dan's brainchild, born in June, 1978. The logo was devised by Mel Edman.

Fourteen people attended the first Mini'app'les meeting, held on August 9, 1978, at the Bloomington Computerland store. Several of those 14 are still Mini'app'les members. Dan had put out an informational bulletin prior to that meeting and volunteered to edit an official newsletter for the group. Those early newsletters were typed and Xeroxed, and about 15 to 20 copies were run off at first. This count mushroomed to about 100 within six months. (Current circulation is 2200!)

An interesting observation that Dan points out is that the type of people who bought personal computers in 1978 is quite different from most of those who buy now. Those pioneers, so to speak, were hardware hackers. There was virtually no available software. Using a personal computer meant doing your own programming. The earliest version of VisiCalc, for example, Dan says, appeared in 1978 or 1979, cost in the neighborhood of $50-60 (which Dan then thought was exorbitant), and the potential future uses of the program were not at all obvious.

One of the major problems at that time was the lack of a reasonably priced, reliable printer. Consequently, for the first few months, the newsletter continued to be typewritten. In December, 1978, Chuck Thiesfeld, another charter Mini'app'les member, bought a Heathkit printer kit which was used in conjunction with home-brewed word processors to produce the first computerized newsletters. Then Dan and Chuck each bought a Hayes Micromodem, and began interfacing with a printer at Honeywell (Dan's place of employment), and the newsletter quality improved a shade. (Dan and Chuck each bought an Epson MX-80 early in 1981, and that made production of the newsletter much less cumbersome.)

By January of 1979 approximately 45 people were attending the monthly meetings, which had continued to be chaired by Dan Buchler. It was decided that officers should be elected and dues should be charged, primarily to finance the newsletter. By this time a users' bank of software had been established, and the group had outgrown its first meeting quarters in the Computerland Southtown store.

In April the club began meeting in Hopkins, at the Minnesota Federal Savings and Loan, and the first election of officers was held. Elected were Dan Buchler, president, Chuck Thiesfeld, treasurer and newsletter editor, and Chuck Boody, secretary. (Note that all three are still active members, holding board positions.)

By July, 1979, membership grew to 68, and by December of that year, when Mini'app'les joined the newly formed International Apple Corps, the membership count reached 100.

In October of 1980 the Disk of the Month (DOM) program was established to replace what had become an unwieldy circulating users' bank of diskettes. Membership now numbered 240, and by early 1981 the need for a larger meeting place again became urgent.

By the summer of 1981 the meetings were being alternated between the University of Minnesota St. Paul campus and the Southdale Public Library, in Edina, which was replaced in October by the Wilder school, in Minneapolis, and finally by the Penn Center (now the Northwest College of Chiropractic) in 1982. Membership in October, 1981, was close to 700.

GOTO 13

Announcements Concluded from page 6

Calendar Announcements

Please submit all calendar dates, changes, etc., to Ron Androff. Ron has volunteered to be the calendar maker for the newsletter. As for all newsletter items, timely submission helps us all!

DOMs by Mail

Continuing Service for Mini'app'les Members

by Chuck Thiesfeld

Now members can order DOMs (not Mini'app'les Software) using their own diskettes. Here is the procedure:

Make up a package containing the following:

1. Blank diskette (or diskettes if more than one is desired).
2. Mailer. Diskettes will be returned in same protective device used to send the diskettes, provided such will fit in the mailer.
3. Send correct postage in stamps - do not send money in lieu of stamps.
4. Self-addressed return label.
5. $1.00 copying fee per DOM or disk.
6. A note indicating which DOMs are desired.

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Please allow 60 days for delivery in USA. Incomplete packages will not be returned. DOMs 1 thru 26, except 18, EAMON #3, and 8 Pascal disks are currently available. Mini'app'les Software disks (MSD) are not available! General questions about DOMs should be addressed to Terry Schoeppner. Questions on DOM content should be addressed to Al Peterman, our DOM editor.

Please note that DOMs may also be purchased on club-supplied media by sending $7.50 to the software sales coordinator. See back of membership list. The first 3 Mini'app'les Software Disks (MSD): #1 - Mini'scrip, #2 - Micro Mailer, and #3 - Higher Print/Higher Word Processor/Message Maker are available by mail from Terry for $17.50. Or, the latest DOMs are available at regular meetings, and at some Branch meetings, for sale to members at $5 each, and the MSDs for $15 each.

Minutes

February Board Meeting

by Hugh Kurtzman

Minutes for Feb 8, 1984 Board Meeting

Treasurer John Hanson reported:
For the year 1983 -----

Income of	54062.14
Largest amounts	
Memberships	23730.50
DOM sales	14388.55
Newsletter ads	8356.00
Expenses	53611.25
Largest expenses	
Newsletter	25202.30
DOMs	10151.01
For Jan 1984	
Income	3120.50
Expenses	2378.76

A bid for the Source subscription of $5.00 was accepted from Chase Allen. Letters from Duluth and Hibbing, asking about Branch Status, were discussed. We are encouraging these new branches.

At least 4 board members plan to attend the first branch meeting in St. Cloud on Feb 9, 1984.

Dave Laden presented his proposal for the election procedure (see Election Procedure, published elsewhere in this newsletter).

Approval was given to the St. Cloud branch to purchase a set of DOMs to have at their meetings for members to copy. It was emphasized that the club does not condone copying of copyrighted material.

Ken Slingsby presented a report about those who responded to his request for proposals to bid on the sale of consumables during club meetings.

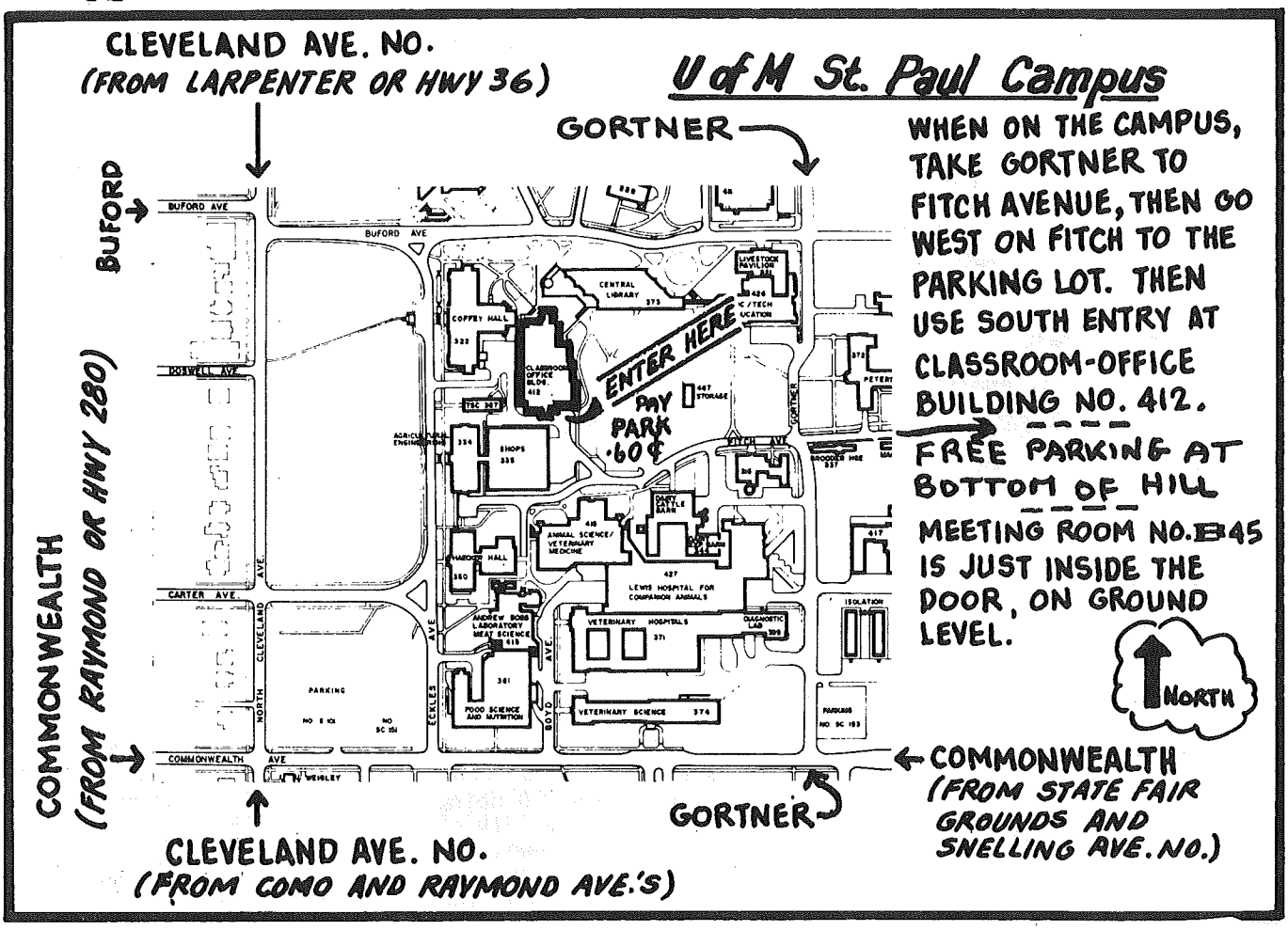
- Ann Bell was selected to provide sales of pin fed cards.
- Dennis Foster was selected to provide paper.
- After many votes Pete Gillis was selected to provide blank disks. Peter's proposal was to sell Syncom diskettes at $22 per 10 including plastic library case and sales tax.

These suppliers will be revaluated in 6 months.

Dan Buchler talked about the need for a PA system and other aides at meetings. Ron Androff will make sure these are available (they have been requested).

There is a need to update the MSD's. Hugh Kurtzman will use the club's Apple to do this.

GOTO 10



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Larry 374-9291 (eve)

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