



AMIGA

ARIZONA

VOLUME 8, NUMBER 8 - November 1996

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Clipboards

Review

by Bill Hagan

How many clipboards does an Amiga have? Do you have any idea? Read on and you will be enlightened and I daresay somewhat surprised.

No, this is a serious question; not one of those how many psychiatrists does it take to change a light bulb kind of questions. Everyone knows that it takes only one psychiatrist to change the bulb, but only if the bulb wants to change!

I got interested in this for a couple of reasons. First, I always thought it curious to note the subdirectory in the Devs drawer is titled "Clipboards" and not "Clipboard." If you have WB 2.0x or 3.x, then you might also notice this subdirectory has been copied to Ram. Incidentally, I'm writing this from the

☛ *Clipboards Page 5*

**Next Meeting: 20 November 1996,
7:00 PM**

**Executive Towers Building
207 W. Clarendon Avenue
Phoenix, Arizona**

AGENDA

DP IV Contest	Members
ZeeWolf Demo	Joe Benedetto (Time permitting)
Q & A	
Software Drawing	Gold of the Aztecs
Executive Board Mtg.	Everyone invited

Amiga Arizona (AmAz!): An Amiga User Group Since 1986

The Amazing Connection BBS, 24 hours/day, at (602)435-8695. SYSOP: Bill Hagan

AmAz!.info is published monthly and is the official newsletter of the Amiga Arizona User Group.

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Your membership status is indicated by a mailing label on the back page of the newsletter. If your membership is expiring there will be a sticker attached below the mailing label.

The mailing label has three digits, three letters and four digits, ie:

116 Reg (Sub)(Life) 9706

116 is the membership number, Reg (Sub) (Life) indicates Regular, Subscription or Life membership and the 9706 indicates the year and month of expiration.

Members to Watch

October **November**

Renewals **Expirations**
None **D. Westbrook**
 Brian Hunter
 W. Jimenez

New

None

AmAz! EXECUTIVE BOARD

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VICE PRESIDENT

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CO-SYSOP's

Brian Hunter..892-2052

DISK EDITOR

Mel Elliott..931-1117

NEWSLETTER EDITOR

Mel Elliott...931-1117

SPECIAL INTEREST GROUPS

None currently in session. If you would like to start or see one started in a specific Amiga area contact any member of the Executive Board.

Call any of the persons listed above if you have any questions about AmAz!, the Amiga, or if you are having a problem running your Amiga. They are there to HELP you. If they do not know the answer to your question, they WILL do their very best to get the answer for you. Please be considerate of the hour you call.

CLUB POLICY: AmAz! does not condone piracy of commercial software. Although AmAz! recognizes your right to make a working backup of software you have purchased, copying of software you have not purchased is illegal and may result in loss of membership and privileges in AmAz!.

MONTHLY Advertising Rates (Camera Ready)

Full Page	\$35.00
Half Page	\$20.00
Half Page (Back Cover)	\$25.00
Quarter Page	\$15.00
Business Card	\$10.00

Send rate inquiries to:

AmAz!
P.O.Box 2282
Glendale, AZ 85311-2282

AmAz! maintains a Public Domain Library from which disks may be ordered at meetings, on the BBS or call Mel Elliott at home.

Disk Prices
\$2.00 AmAz! member
\$3.00 non-member

AmAz! Disks
\$3.00 AmAz! member
\$4.00 non-member



AmAz! Library has:
Fresh Fish CD Vol 10
Aminet CD #13

**AmAz! Disk's
and newsletter are
available at:**

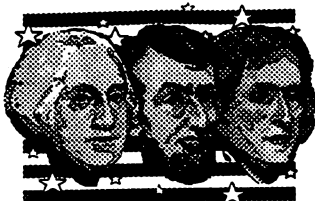
Wentek
10317 Scottsdale Road
Scottsdale, AZ 85253
(602) 483-7200

Moving? Please send your
change of address as soon as
possible.
Thank you.

Mail to:

**Amiga Arizona (AmAz!)
P.O. Box 2282
Glendale, AZ 85311-2282**

PRESIDENT'S COLUMN



Let me begin by saying how very pleased I was that so many of our members attended our last AmAz! general meeting. The response to Bill Gadzia's demonstration of DPaint IV was, to say the least, most gratifying and inspiring. It portends a good submission of works for our November Dpaint Contest. The rules are as follows:

1. Any AmAz! Member in good standing may enter.
2. Submissions may be original art, animation, or tutorial in nature.
3. A limit of three submissions applies.
4. The membership present will vote by secret ballot on each of the submissions.

example: Member
XXXXXX, #1 #2 #3
(rating 1-5) 3 1 5 (only
the highest score counts)

5. The votes will be tallied and only one submission per member will be used for the second round of viewing and voting. Each entry will receive a rating of 1-5 by secret ballot of the membership present. After being tallied, the three highest scored entries will be viewed for the third time and a panel of three judges will make the final decision as to the lucky winner.

6. The winner will be judged on originality, creativity and imagination.

7. The Judges will be Mel Elliott, Joe Benedetto, and Jim Aboltin (me). Judges are prevented from entering the contest.

8. A check in the amount of \$50.00 will be presented to the winner.

GOOD LUCK TO ALL!

Read closely the information in the Minutes column in reference to the December General Meeting. Due to the proximity of the regular date to the Holiday season the meeting will be held on the 11th of December at the normal place and at the regular time. The agenda will be a Pizza party following a discussion session. No equipment will be brought to the meeting for demonstrations etc. Software drawing will still be held but will be accomplished by drawing names from a hat. Everyone come out and have a good time. AmAz!

It Can't Be Done!

And they said it couldn't be done!

"I think there is a world market for maybe five computers."

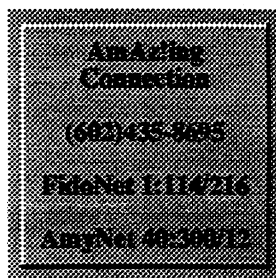
*Thomas Watson, chairman of
IBM, 1943*



BBS REPORT

by BILL HAGAN

About the most exciting thing to happen this last month was a note from my Fidonet Hub, the Sysop that collects the message echoes that we've subscribed to and sends them on to us, that he was shutting down for awhile because of an auto accident. I was all ready to commiserate with him thinking that he or a member of his family had been incapacitated by the accident. If you remember, that was about the same time I did my Evil Knievel trick on my bicycle.



I was surprised to learn a few days later that it was not a personal injury that caused him to shut down, but rather extensive damage to his house. It seems that a car had ran off the road and into his house and smashed up the room in which he had his BBS computer. It finally turned out that the damage was extensive and would keep him off the net for an extended period. With that in mind, the Regional Coordinator transferred our BBS to another hub, which took a few days to sort out. That might explain to you why we were a bit short on fidonet messages during the first part of October.

Speaking of Fidonet reminds me that I had to re-subscribe to our usual message echoes.

I learned that some of the ones who had subscribed to earlier have been discontinued. With this in mind, I posted a file (Backbone) and requested you to download, review and recommend new message echoes you might be interested in receiving. No one has responded!

Last month the Executive Board instructed me to open the BBS to all callers. Now anyone calling in is validated to Normal BBS User.

It may be of interest to note the BBS now has 60 users listed. Of these, fifteen are new users. Nine of the new users have Amiga Computers while the other six have PC's. Only two files have been uploaded by the newcomers. One was a forbidden music file and the other was Oberon, a programming language. AmAz!



**MINUTES
OF THE
MEETINGS**

Twelve members were present at the 16 October General Meeting as well as Bill Gadzia (MACRO) our guest DPaint IV demonstrator. The meeting was called to order at 7PM by President Jim Aboltin. Several announcements were made by Minutes page 4



From the Editor

by Mel Elliott

Hello again. It is that time of the month so I will attempt to come up with something that may or may not be of interest to most of you. Be sure to read the articles in this issue pertaining to the meetings for the rest of this year. Some different happenings are being explored and it is hoped that they prove to be enjoyable to everyone who partakes of these events.

By the time you read this AmAz! CD #14 should have been received and if there are any items on this issue that you would desire just leave me a message or call and I will be happy to make them available to you with the same rules as the current policy for library programs. A copy of the contents is contained on the BBS and I will have a limited number of copies available at the November meeting if anyone has a real interest.

A couple of other important things to think about are the upcoming elections in February. Start thinking about which office you would like to run for or who you would like to see formulating the policies and direction our group will take in 1997. The other is the continued status of the BBS. If participation doesn't increase in the next two months it is likely that the BBS will be discontinued. At the current usage rate the

expense of the telephone bill and the possibility of hardware failure hardly warrant the continued operation.

As everyone should know by now the AmAz! Disk of the Month has been modified to be an every other month disk. The first issue of this concept is #112 for November 95. The reasoning behind changing was lack of sales and information.

Contents of Disk #112:

Clipboards: A collection of two programs and a Library compiled by Bill Hagan and the thought came from NAG of Oregon. Details are in lead article of this newsletter.

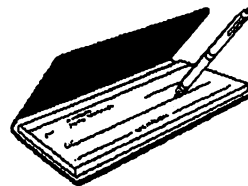
Ordering: A directory utility program that performs the same functions as SID or OPUS. The program is highly configurable and seems to be a very nice program.

SheepShooter: A two player shoot em up game that should be ran with PAL screen mode. The Joy stick and mouse are both used to play.

WordWrap: A utility that allows the user to format ASCII files that run off the screen. I have used it a bit and it works quite well. Read the read.me file on the disk concerning one of the options. I have not found any others that are incorrect. AmAz!

Treasurer's Report

by Mel Elliott



October Beginning Balance		\$	1050.00
Income:			
Advertising	\$	25.00	
Membership		00.00	
Misc (Software)		5.00	
Total Income	\$	30.00	+\$ 30.00
Sub Total			\$ 1080.00
Expenses:			
Newsletter		54.70	
BBS Phone		00.00	
Total Expenses	\$	54.70	-\$ 54.70
August Ending Balance:			\$ 1025.30

Membership: Regular 30

Subscription 8

Minutes page 3

the president, including a discussion of the upcoming Deluxe Paint contest. It was voted by the members present that the prize for the contest would be \$50.00 from the group Treasury.

A discussion concerning the December meeting was held, this centered around the fact that the regular date would be just a few days before Christmas. It was voted that the meeting would be held at 207 W. Clarendon on the 11th of December, which is acceptable to the Executive Towers. The meeting will consist of a get together discussion and Pizza will be ordered in after it is determined how many attendees we have. Spouses or guests are welcome, within reason.

Mel Elliott gave a financial report and also reported on the status of the BBS after

one month of operation under the new rules. There has been minimal increase in the use of the BBS.

Bill Gadzia gave an excellent presentation of Deluxe Paint IV and showed off some of his talents in using the program. Was very well received by all present. Our sincere thanks to Bill.

The results of the drawing were as follows:

Ed Lippman - Hidden number
Mac Emshwiller - SuperBase
Robbie Zirkle - 5 Blank Disks
George Nancarro - Coupon
Joe Benedetto - Caligari II

Meeting adjourned at 905PM.

EX BD Meeting 10/19/96

The executive board of Amiga Arizona Users Group met on Saturday 19 October 1996. A message from Russ Yost (MECCA) concerning

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✶ *Clipboards page 1*

perspective of WB3.1; if you have a different AmigaDOS, you might see slight differences from what I write.

Next, my friend, Jere Marrs, mentioned some handy clipboard utilities in his article in the September issue of the Northwest Amiga Journal. More about these later.

How many clipboards does an Amiga have? If you answered anything but 256, you are wrong. That's right: the Amiga has 256 separate Clipboards. Quoting from the AmigaDOS manual under the command "CONCLIP" which is the CLI Command for selecting the number of the clipboard you may wish to use:

Format CONCLIP
[CLIPUNIT | UNIT <unit
number>] [OFF]

"The CLIPUNIT option allows you to specify the clipboard.device unit number to use. Specify any unit number from 0 to 255. The default number is 0. We recommend that this option be used only by advanced users or programmers who wish to use different units for different data, such as one for text and another for graphics. Run the command from the shell, specifying the new unit number. The next time you copy and paste, that Clipboard unit is used."

The command description continues by stating it is recommended that the NOT should not be used.

There is one big problem with the CONCLIP com-

mand. It will work only with programs or utilities that specifically recognize the selected clipboard. I use TURBOTEXT for my text editor. It does not recognize the selected clipboard. The only program I've found thus far that does is ED. Yes, the one that comes with your Workbench program. Should you use a different text editor, you might ascertain whether it supports the different clipboards.

You might think of a clipboard as a pipe or in the case of the Amiga, the clipboards as a stack of pipes such as depicted in figure 1. Data

ment, you may save it in a different clipboard. Try this as an experiment:

Start ED from a shell window or from the WORKBENCH EXECUTE COMMAND menu item. Open ED at the prompt by entering ED and a new or existing file name. Drag the ED Window to about half the screen size and open a SHELL Window if you have not already done so. Drag this Window to about half screen size and drag it to a position above or below the ED Window, so that you may see both windows on same screen.

some other number of your choice, without the quotes. Click again in the ED Window and type another entry such as "File Fiftyfive" or some such entry. Repeat the above steps to copy this string to the clipboard. You might repeat this as many times as you choose using any number between 0 and 255.

To conclude the experiment, return to the Shell Window and type "CONCLIP UNIT=0." Click in the ED Window and while holding down the Right Amiga Key press the letter "V." This will paste the contents of Clipboard 0 to the ED Window. In this case, it should be "File Zero." Return to the Shell Window and type "CONCLIP UNIT=55." Finally, click once again in the ED Window and repeat the paste action to paste the contents of Clipboard 55 in the Ed Window, in this case, "File 55." If you use more Clipboards, you may repeat this for each one or as often as you like.

The use of multiple clipboards has unlimited possibilities, but I leave it to your imagination as to how you plan to use this feature.

Now, let's get back to those utilities that Jere Marrs wrote about in the September issue of the Northwest Amiga Journal. First there is CLIPTOOL, which is described as:

"A Commodities Exchange program that among other things is a graphic user interface to the Amiga system clipboard. It can function as a storehouse for multiple text clips and it can use all the clipboard units; thus you can

✶ *Clipboards Page 6*

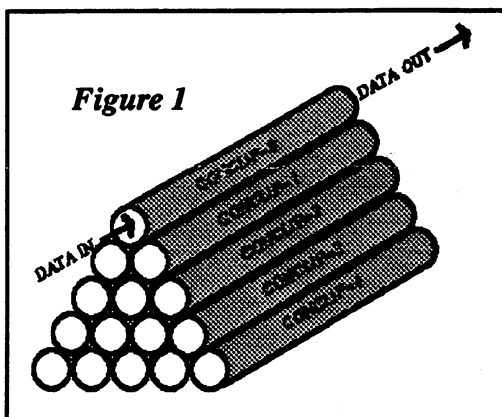


Figure 1

enters a pipe at one end and is taken out of the opposite end. A unique feature is that the data can be taken out as many times as you want, it is an endless supply source. Of course, the data is lost when the computer is turned off and when it is replaced with new data. If new data is entered into the input end of the pipe, it pushes the prior data out to be lost forever.

This is where the multiple clipboards feature plays its unique role. Should you have more than one bit of data you need to repeat for a docu-

Type a bit of text in the ED Window. Since you are still in the default Clipboard of Zero (0), you might type "File Zero." Place the cursor over the first letter or digit of your entry and drag to the end of the entry. This will highlight that string of text. While holding down the Right Amiga Key, press the "C" key (this is not case sensitive). This action will copy the highlighted string to the clipboard.

Next, click in the Shell window and at the prompt, type "CONCLIP UNIT=55" or

► *Clipboards page 5*

move data from one unit to another. It is also possible to load and save data to and from the clipboard. Its convenient AREXX interface makes it easy to operate it by remote control."

And speaking of AREXX there is REX-XUTIL.LIBRARY. This can be described as:

A library whose goal in life is to add standard data sharing techniques to AREXX. It achieves this by providing clipboard access, environment variables, and temporary files. This library honors both simple and complex variables. It requires the presence of iffparse.library, and will operate under version 1.3 or 2.0 of the Amiga operating system. (Author's note: I've tried it under WB 3.1 as well).

The rexxutil.library provides the following functions for clipboard access:

WriteClipWrite information into the desired clipboard unit.

ReadClipRead the desired clipboard unit into a variable.

QueryClipDetermine the status of any particular clipboard unit.

Finally, there is NEWEDIT, my personal favorite.

I hate to type! Yes, I would do almost anything to get out of typing. I would even Copy (Rt. Amiga, C) and Paste (Rt. Amiga, V) one letter to avoid typing. Well, that may be an

exaggeration, but you give me three or more consecutive letters in a row that need re-typing and I'm the quickest Copy (Rt. Amiga, C), Paste (Rt. Amiga, V) West of the Pecos.

One of the more egregious typing jobs, in my estimation, is typing in the address of Web Page Sites in my Web Browser. Or you might find that typing some long file name into a file requester to be tedious. NEWEDIT is the answer for you.

Here is a simplified description of it:

NewEdit is a commodity that improves the functionality of each string gadget in the system. NewEdit offers copy and paste of text between the clipboard and string gadgets as well as filename-completion in string-gadgets!

Let's say you're reading a message in your text editor and you run across the address of a web site you'd like to visit or in the Internet parlance, a URL. If the address is not typed into the Locator gadget of your Web Browser exactly, you will never reach the site. The answer is NEWEDIT. Run this utility in the background or better yet, place it in your WBStartup directory and all you need do is highlight the offending address (Click on the first letter or digit and drag the cursor to the end of the string) and Copy (Rt. Amiga, C). Next place the cursor in the empty Locator Gadget of your Web Browser and Paste (Rt. Amiga, V).

This works just as well for

file names. I've tried this in nearly all the programs I run routinely everyday. Works every time. I strongly urge you to try one or all of these utilities and to investigate how you might make better use of the multiple Amiga Clipboards.

There is an added bonus to NewEdit. Courtesy of David Gohler, the Calculus.library, a small shared library which evaluates INTEGER (!) expressions, is included in this file. Occasionally, while preparing a document, you might find yourself in need of a quick calculation. If you've installed NewEdit and with it the Calculus.library in your Libs directory, you may perform basic arithmetic functions within the text gadget of most requesters. If you're running WB 2 or WB3, try it in the requester that pops up from the WORKBENCH EXECUTE COMMAND menu item (Rt Amiga, E).

You may even raise numbers to an exponential power. Try typing a number such as 5^5 or 5^2 into the pop-up requester and then oddly enough, use the same keystrokes to evaluate the expression, Rt. Amiga, E. You should get 25 as the answer. I would hope that most of you could evaluate this example without the use of a calculator, but there are times when a more complicated problem might arise and if so, there is no need to get out the pocket calculator or load one up in the computer, even though the Amiga is multitasking.

You will find ClipTool, NewEdit and REXXUTIL.LIBRARY on the November AmAz!

Disk-of-the-Month.

My thanks to Jere Marrs for alerting me to these utilities and for sending the docs for the REXXUTIL.LIBRARY and to David N. Junod for REXXUTIL.LIBRARY, Uwe Roehm for NewEdit and to Torsten Poulin for ClipTool. AmAz!

► *Minutes page 4*

daily download limits on the Amazing!Connection BBS was disturbed to members present. It was the unanimous decision that the limits would remain as published.

The agenda for the November and December meetings was discussed. The November meeting will consist of the Deluxe Paint contest, open to all members with a \$50.00 prize going to the best entry, to be judged by members who are not participants in the contest. This prize money will come from the Club treasury.

The December meeting will be held on December 11th rather than the normal date due to the proximity to the holiday season. There will be no computer equipment at the meeting but there will be a discussion session followed by a pizza party.

The status and future of the BBS was discussed and will be an ongoing subject for the next two months. A decision will be made at the December meetings as to its continued status.

The Executive Board will meet following the General Meetings. Any attendees are welcome to remain for the Executive Board meeting. AmAz!



DECEMBER 1996



SUNDAY

MONDAY



TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1	2	3	4	5	6 <i>Newsletter Articles Due November 29</i>	7
8 <i>Newsletter Proof Completed</i>	9 <i>Mail Newsletter</i>	10	11 <i>AmAz! General Meeting</i>	12	13	14
15	16	17	18	19	20	21
22	23	24	25 	26	27 <i>Newsletter Articles Due</i>	28
29	30	31 				<i>AmAz! EX BD Meeting 11 Dec</i>

Join
An

AMIGA

User
Group
Today!

Our User Group is Amiga Arizona (AmAz!). We feel we have one of the best Amiga User Groups around!. We normally hold regular monthly meetings on the 3rd Wednesday of each month at 207 West Clarendon, Phoenix, AZ. Meeting time is 7-9PM.

At our meetings we provide demonstrations of new or interesting Amiga programs/equipment, sometimes by developers or dealers if we can line them up. A monthly drawing is held for regular members, the prizes are selected software items, blank disks and disk coupons. Our extensive disk library contains the entire Fred Fish & Aminet CD Collection plus demo disks from developers as well as our own Disk's (Published bi-monthly). Disks may be ordered at meeting's, on the BBS or by calling the Librarian and may be picked up at meeting's or mailed (small fee).

The Group owns and operates a 24 hour Bulletin Board System (BBS) called the AmAz!ing Connection (602) 435-8695. This BBS supports baud rates up to 33,600. The BBS is open to any caller (as a guest) with limited access and time. Members of the Group are allowed extra benefits as outlined below. New members are required to initially log on the BBS before verification is completed and their access will be updated to the proper level as soon as possible (Usually within 24 hours).

We offer the following degrees of membership: The **Regular** member is eligible to vote and participate in the software drawings at the monthly meetings, hold offices on the Executive Board and is allowed 60 minutes on the BBS daily including access to all files on the BBS, no download limit and a copy of the AmAz!.info newsletter monthly. The Regular member dues are \$30.00 per year. The **Subscriber** member is allowed 60 minutes daily including access to all files on the BBS, no download limit and a copy of the AmAz!.info newsletter monthly. These members may not hold office or participate in the monthly software drawings. These dues are \$20.00 per year. The **Non-Member** BBS User is allowed 30 minutes BBS access daily. An upload/download ratio of 1:10 Files and Byte ratio of 10:1 will prevail. File and message access will not include access to the CD-ROM or Members only files. These members will not receive a copy of the AmAz!.info newsletter. If you are interested in joining us, send your dues, name, address and phone number to: **AMAZ! (Amiga Arizona), PO Box 2282, Glendale, AZ 85311-2282.**

Wentelk AMIGA Computers

New Amiga 4000 Towers are available. Lower Prices are Forthcoming !!
 Internet Software : Termite TCP @ \$54.95 / AWeb II @ \$44.95 / Ibrowse @ \$36.95 / NETCOM @ \$24.95

The Apollo line of accelerators is now available in Noth America. These are a line of quality low cost accelerators for various members of the Amiga family, Including:
 the A4000 - '040 (40mHz, MSRP \$629.00) and '060 (50mHz, MSRP \$925.00) boards with SCSI2 controllers
 A2000 '030 (25mHz, w/'882, w/SCSI2, MSRP \$310.00), '040 (25/40mHz, optional SCSI2, MSRP \$555.00/\$629.00) and '060 (50mHz, optional SCSI2, MSRP \$888.00)
 A1200 '030 (limited information at this time), '040 (25/40mHz, MSRP \$407.00/\$592.00) and '060 (50mHz, MSRP \$888.00) All have optional SCSI2 controller
 Also available will be the Apollo 620 - a 68020/882 at 25mHz with RAM expansion for the Amiga 600

AMIGA Software and Games in Stock, including:

Pro Vector 3 w/ Stylus Tracer only \$169.95
 Music X ver. 2.0 only \$ 64.95
 Final Writer rel. 5 only \$104.95

VistaPro 3.0 or Distant Suns 5.0 (DS5 avail. on CD-ROM) either only \$ 49.95
 Photogenics v1.2 WOW! only \$ 74.95
 Studio II - professional printer driver package only \$ 89.95

Other Great Stuff!

Picasso II plus Hi-Res 24 bit Color Card w/ 2meg \$374.95
 Surf Squirrel / Squirrel for A1200 and A600 \$ 129.95 / \$ 69.95
 DataFlyer SCSI+ SCSI on your A4000 without using expansion slot .. 2@ \$ 99.95
 AMIA Mac800k Floppy drive interface 2@ \$ 54.95
 DKB Cobra '030, SCSI optional, 28mHz/40mHz \$129.95/\$224.95

Commodore 3640 - 25mhz '040 board (upgraded to v3.2) \$250.00
 Commodore 2630 - 25mhz '030 board for A2000 w/h7 ROMs \$250.00
 O.S. 3.1 for A2000/A1200,A4000 \$114.95/\$139.95
 AS20 Video Adapter NEW - unboxed \$ 14.95
 GVP I/O Extender - 2 serial / 1 parallel for all Amigas w/slots \$109.95

Various other used computers, hardware, & software available.

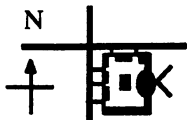
Prices good until Nov. 30 ,1996 and only on products in stock at time ad was placed

Prices and availability subject to change without notice and/or prior sale.

Tuesday - Friday 11am to 7pm

Saturday Noon to 5pm

South/East corner Scottsdale Rd. and Shea

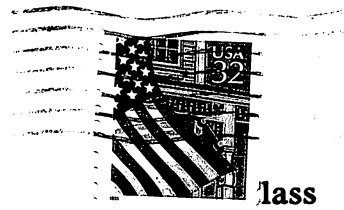


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 Amiga User Group



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THANKSGIVING