

AmAz!

Amiga .info Arizona

VOLUME 5, NUMBER 11 - FEBRUARY 1994

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Usenet Review:

Two Meg Agnus Project

By Hamish Tweedie (htweedie)

PRODUCT NAME

The Two Meg Agnus Project. Version 5.0d3 22-Sep-1993.

BRIEF DESCRIPTION

A user-installed kit which allows Amiga 500 and 2000 computers to have 2 megabytes of Chip RAM by using an updated Agnus chip. It is user-installed, and optionally may be ordered preassembled.

Information is available on all Aminet ftp sites in the file /pub/aminet/hard/hack/2megagnus50d3.lha.

AUTHOR/COMPANY INFORMATION

Name: Structured Applications and Designs Inc.
Address: P.O. Box 60414
San Diego, CA 92166
USA

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Next Meeting: 16 February 1994, 7:00 PM

Glendale Public Library
Large Meeting Room
5959 W. Brown St.
Glendale, Arizona

AGENDA

Best of Fred Fish	Stan Krawczyk
Elections	Members Present
Disk of the Month	Mel Elliott
Virtual Reality(Slingshot)	Bill Rouse
CD^32 Demo	Gary Bowdish
Software Drawing	Amiga Vision & DP IV

Amiga Arizona is Commodore Official User Group Number 117

The Amazing Connection BBS, 24 hours/day, at (602)843-6574. SYSOP: Stan Krawczyk

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MEMBERSHIP ROLLS

The following members have joined AmAz! or renewed their memberships since the last newsletter was published.

MacClellan Eshmiller	Regular
Bill Burkett	Regular
Dick Schnase	Regular
Lynwood Smith	Regular

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

116 Reg (Sub) 9406

116 is the membership number, Reg (Sub) indicates Regular or Subscription membership and the 9406 indicates the year and month of expiration. The box beneath the mailing label will be checked if this is your last issue.

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

Thank you.

Amiga Arizona
(AmAz!)

Mail:
P.O. Box 82371
Phoenix, AZ 85071

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Bill Hagan...934-2993

PROGRAMMING 'C'

Stan Krawczyk...938-9736

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 try to get it.

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!.

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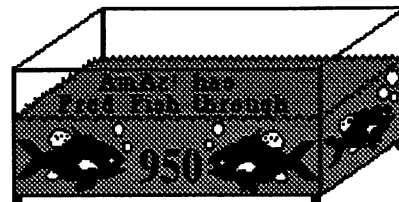
AmAz! maintains a Public Domain Library which is available at the meetings, may be ordered on the BBS or is available at ATKCo Computers on the Fourth Saturday of each month:

Disk Prices

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

DOM

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



AmAz! Disk of the Month
and newsletter are
available at

Amazing Computers
524 W. Broadway #104
Tempe, AZ 85282
(602) 929-9488





From the President

This month, of course we will have our annual elections. The slate basically remains the same, only Allen Hutchison will be running for Vice-President. I hope everyone will welcome Allen to the Executive Board. Not only is it election time, but we will be giving away two big software prizes this next meeting: Deluxe Paint IV AGA (donated by Allen Hutchison) and a brand new AmigaVision Software Package. Remember, you must be a member and you must be present to win!

Last month we started our new "C" Programming SIG and had 5 people attend the meeting at ATKCo Computers. Meetings will be held the last Wednesday of the month at a place to be designated. We will use the BBS facilities for programming and help files and also questions and answers. We already have a file section and message section set aside for "C" on the BBS, so we invite all to use it. We do recommend getting a good "C" learner such as the Waite Group's "New C Primer Plus", available at most big book stores.

I know it's a little early, but I would like to remind everyone we will again be having our annual "Memorial Day Computer Yard Sale" this year. We will be having it on the Saturday of the long Memorial Day Weekend, so start saving and sorting those hardware and software bundles you would like to sell. (Other electronic type equipment is also welcome). More on when we will be accepting items in the months ahead. Also scheduled in the coming months is either an "Advanced CLI Class" or "Telecommunications Class" depending on the membership requests...we will be asking you which you prefer to have.

I would like to invite all members to attend our Executive Board Breakfast and business meeting held the first Saturday after the User Group Meeting. This is where the following month's newsletter and meeting are finalized. We meet at Coco's Restaurant at 9:00 AM (located in the northwest corner of the plaza at 43rd & Dunlap {Olive} Aves). Come on down and bring your input! AmAz!

Winners

and

Non-Winners



Congratulations to the following listed members who won prizes as indicated at the January 1994 AmAz! meeting:

#116 Mel Elliott.....Five (5) Blank disks
#315 Michael Million.....DiskMaster
#231 Allen HutchisonDisk Coupon

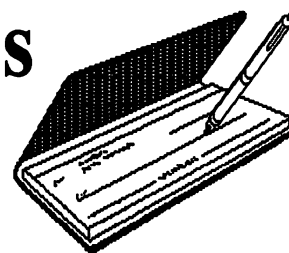
The following members names were drawn but were not present or declined their prize: #334 David Rydberg, #029 Stan Krawczyk, #349 Frank Perran, #337 Michael Passman, #314 Mark Sparks and #027 Donald Shelley.

The hidden number was #358 Ted Dreveniak, who was not in attendance and could not claim his disk coupon.

AmAz!

Treasurer's Report

by Lester Carr



January Beginning Balance: \$ 541.41

Income:

Advertising	\$ 25.00
DOM	15.00
Fred Fish Disks	9.00
Memberships	24.00
Miscellaneous	17.50

Total Income \$ 90.50 + \$ 90.50

Sub Total \$ 631.91

Expenses:

News Letter	\$ 86.24
BBS Phone	29.31
Fred Fish CD	18.00
Miscellaneous	2.25
Post Office Box	17.50

Total Expenses \$153.30 - \$153.30

January Ending Balance: \$478.61

Membership: Regular 42 Subscription 17

Librarian's Desk



by Mel Elliott

A bit of a policy change will be the start of my column for this month. AmAz! will not be copying disks at the monthly meetings due to the time required and confusion that usually exists while the meeting is going on. If anyone wants to pick up disks at the meeting just let me know, either on the BBS or call me at home (931-1117) and the disks will be ready at the meeting. Please don't call me on the day of the meeting and expect them to be ready. If you would like your disks mailed to you, this can be done for a small fee. Disks of the Month and any special disks produced by AmAz! will be available at the meetings as well as the Fred Fish and Disk of the Month notebook that I keep.

A review of the February DOM follows, files are as follows:

UPCAT: (FreeWare 2.XX and above). A disk catalog program that works really well. It will copy the entire list of files and directories on a disk and there are several different types of display that the user can choose

ORM: (2.XX and above). Another in the snake series of games. ORM means Snake in Danish where the author is from.. Is controlled by the cursor keys.

CRAZYCLOCK: (2.XX and above). The DOCS indicate that this game is based on the Rubik's Cube type of game. I have looked at it but not really too seriously. The display consists of 9 clock faces and the objective is to get all clocks pointing to 12 o'clock.

FLEUCH: A small space ship type game which I personally find very hard to maneuver the ship without crashing. Maybe with some more practice.

DYNAMICKIES: (Shareware). A shortened version of a program that will map the universe for the user. Very impressive graphics. The author has obviously put a lot of work into this program. Several people have asked about a star program and this is about the best that I have personally seen.

CONVERTHAM: A program to convert HAM-IFF pictures into HAM-ILBM pictures. Appears to work fine with my limited knowledge of graphic type presentations.

I will not be highlighting Fred Fish disks this month due to a lack of space. We did receive the second of the Fred Fish CD's (Fresh Fish) and as advertised it had disks #931 through #950 on it. It also contains the latest version of the KingFisher program for browsing through disks. The next CD is projected to be ready near the end of February. The contents file for disks #931 through #950 is available on the AmAz!.ing Connection BBS in Section 23 and I will have the list at the General meeting on 16 February. There are some pretty neat programs on this set of disks so please browse through the contents and see what you can't live without. AmAz!

After serving the Phoenix area for the past year, ATKCo Computers is closing. We have had the pleasure of serving you with the finest in Amiga products. The time has come to move on and in order to do that we are having a final "Everything Must Go" sale. All sales are final and we are slashing prices throughout the store. Everything must go. All software, hardware, demo machines, fixtures, **EVERYTHING!!!** You won't want to miss this sale, so be sure to hurry down! The sale is in effect from now until 5 PM, February 11th. We will be open Mon - Sat, 10 to 5 for this sales event. No phone calls will be accepted so be sure to come down for the biggest Amiga sale in Phoenix. Again, thank you for the opportunity to serve you over the past year and we will see you at the sale!

ATKCo Computers
6064 N. 16th Street
Phoenix, AZ. 85016

Online Amiga Reference Manual

by Robert Niles (rniles)

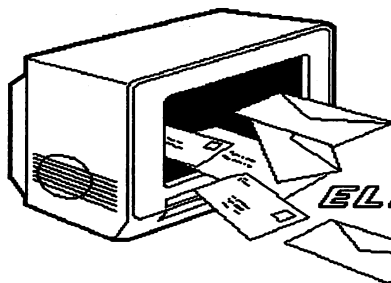
Last week (AR133) I took a look at the Amiga Online Reference Manual (AORM), but left out the contact information. For more information, or to order, contact:

Email: dtiberio

Paper Mail:

Area52
 c/o David Tiberio
 6 Lodge Lane
 East Setauket, NY 11733

Editor's Note: This is an update to the article published in the December issue of the newsletter.



BBS REPORT

*ELECTRONIC
MAILBAG*

by **STAN KRAWCZYK**

We are still waiting for news of the release of Xenolink Z4. My latest information is that a new manual will be released at the same time. There is to be a small upgrade fee to offset the cost of printing.

During the last Exec Board meeting, a suggestion was made that the one megabyte daily download limit was too small. I have raised the limit for all members, newsletter subscribers and Exec Board staff to two megabytes per day. Other users still have a one MegaByte per day download limit. If you should find a file that requires a larger limit, please post a note to the Sysop and I can give a temporary increase to cover special circumstances.

One board member was having a problem connecting to the BBS. We may have solved his problem by changing the set-up string in his NCOMM. For now, it appears to be working correctly.

Let me make some recommendations for all users' set-up strings (Consult your docs on how to change these). All users should have option X4 set. A typical set-up string should look something like this "AT M1 L1 X4 \n." The AT signifies a modem command string. M1 tells the modem to leave the speaker on till carrier is received. L1 tells the modem to have a low speaker volume (this option is not available on all modems). Finally, X4 tells the modem to wait for dial tone before dialing, send CONNECT XXXX result codes when connected, send NO DIALTONE code if dialtone not received in 5 seconds and send BUSY if BUSY signal is detected. As you can see the X4 option is very important and should be used for all modems. Please refer to your modem manual for more information.

If you have a Courier HST Dual standard modem, the following settings are recommended: "AT &F B0 X4 &A3 &B1 &H1 &K3 &R2 &S0 S28=20 &W. Sounds like a lot of gibberish, but each command is significant (Once again consult your modem manual).

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by **LESTER CARR**

OXYD is a playable demo of an exciting game that will grab and hold your attention. No shoot-'em-up this, it is a cross between physical and mental skill. You must be dexterous of mind and hand to guide a black marble with the mouse. This black marble is the only hope for the salvation of the OXYD world which is devoid of oxygen. Only you can control the black marble to open sealed cylinders so the world can breathe once again.

Every level has a certain number of Oxyds, all of which must be opened by a tap from your black marble. Oxyds will only release oxygen when they are opened in the proper pattern matching sequence. Only when all Oxyds have been opened can you advance to the next level. Sounds easy, but it surely is NOT!

Each landscape has many pit falls to get by and traps waiting to snare your marble. They range from quick sand, laser beams, bombs, tiles that explode to deep dark holes waiting to ensnare the marble. Other things such as umbrellas, coffee mugs, mirrors are waiting to be of assistance. Up to thirteen of these items can be gathered up by the marble and saved in racks at the bottom of the screen.

Each level is a different puzzle that must be solved to open the Oxyds. Some levels require the use of lasers and mirrors, others have blocks that must be pushed over switches in the floor to open doors or make other blocks appear. On one level, bombs and dynamite must be used to blow-up obstacles that are in the way. Careful, this is dangerous stuff!

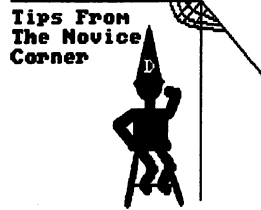
The full game has 200 levels, but only the first 10 are playable in the demo. If you register, you receive a book of codes to unlock the other levels. The book is also full of tricks and tips for every level.

The sound and graphics are outstanding. Game play is smooth and the solution of each level requires the application of solid logic. OXYD works under both

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Amiga Tip of the Week

By Robert Niles



A few weeks ago Micah wrote an article using the tilde character to exclude files or directories within a LISTing or DIR search. Well, I got to playing with it a bit and thought that there should be a way to search through a hard drive partition, or a large directory for a file or collection of files. I often forget where I put a file... even where I put the archive which does much the same thing as what I'm going to explain here (I know put it in the C: dir....but I already have *SO* much in there already <grin>).

Say you are looking for the collection of that wonderful Amiga Report magazine... the archives are called AR101.LHA, AR102.LHA, and so on. You know they are on the hard drive, but searching through each and every directory would just take too long. Even doing a "DIR ALL" would create a listing so large that it would scroll past you on the screen so fast, you couldn't even say, "Bob's your Uncle" before it pass by you, much less read it. Of course, holding down the right mouse button will help, but let's see if we can make it even easier. Ok... you know the files are on DH0: somewhere, so all you have to do is type:

```
LIST DH0:(#?/#?AR10#?) [FILES]
```

The result would be something like this:

Directory "bb1:text" on Friday 21-May-93

```
ar109.lha      42368 ----rwd Sunday 16:58:57
ar103.lha      28028 ----rwd 13-Apr-93 10:31:50
ar104.lha      49447 ----rwd 13-Apr-93 10:22:48
ar105.lha      55118 ----rwd 19-Apr-93 12:03:27
ar108.lha      56832 ----rwd 08-May-93 21:25:40
ar106.lha      73539 ----rwd 25-Apr-93 09:34:39
6 files - 610 blocks used
```

Now you know it is located in the directory called "text". You found it! Now this assumes that the files you are looking for are on DH0: and only one directory deep to go even deeper just add another "#?/" right after the left parenthesis. The "FILES" flag searches only files...just in case you have a directory named something like what is in the search pattern (the search pattern being "AR10") and you don't

want the directories listed. You can replace FILES with DIRS if you know you are looking for a directory instead of a file. If you want to get a print out of this listing you could direct it to do so by adding ">prt:" (or ">>prt:") right after the LIST command. Like this:

```
LIST >>PRT: DH0:(#?/#?AR10#?) FILES
```

Or you can even direct it to a text file. If one doesn't exist it will make it for you. Try this:

```
LIST >>SYS:Example.list DH0:(#?/#?AR10#?) FILES
```

Using >>SYS:Example.list will add this to a text file if it already exists. Using only one ">" will rewrite over an existing "Examples.list" file, or create a new one if it doesn't exist.

Well I hope this helps...if you want to see something more specific drop me a note.

Note from Robert Niles:

A while back I did an article on how to find files using the LIST command. Well, we got a reply from amorsin

```
From: IN%"amorsinTo: IN%"ROB_GCC:
Subj: Comments on AR1.11
```

Comments on: Tip of the Week, Amiga Report 1.11

Looking for files...

Hi. In Amiga Report 1.11 (Sorry, I'm a bit behind...), Robert Niles' Tip of the Week involved using "list" to find files on a disk. I wasn't very impressed with his tip :) as there's a much better way... SEARCH. WB 2.04+ search, that is (version 37.3 and up).

Instead of Robert's

```
"LIST DH0:(#?/#?AR10#?) [FILES]"
```

I have aliased "find" as "search [] file all". To stick with Robert's example:

```
"find dh0: #?ar#?",
```

or, without the alias, "search dh0: #?ar#? file all"

is a lot more effective, as "search all" checks all

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➤ *AGNUS, page 1*

LIST PRICE

The board may be purchased in a number of configurations. (Note: all prices are given in US dollars.)

Board fully ASSEMBLED, w/RAM:	\$88.95
Board fully ASSEM. w/NO RAM:	\$64.95
Board NON-ASSEM. w/PARTS and RAM:	\$79.95
Board NON-ASSEM. w/PARTS but NO RAM:	\$54.95
Bareprinted circuit board only:	\$50.95

In addition, you may purchase the following options:

2 meg Agnus chip, part number #318069-03:	\$35.00
PLCC Agnus extractor tool:	\$ 4.95
Piece(s) of insulator(each):	\$ 0.95
68000 socket extender:	\$ 4.95

As you can see, a fully assembled board can be purchased for \$128.90 -- main board (\$88.95), Agnus chip (\$35.00), and Agnus extractor tool (\$4.95) -- which is markedly cheaper than the prices I have seen advertised in AmigaWorld Magazine (approximately \$196.50 (US)). Furthermore, you get to support Amiga PD developers :-). I purchased the NON-ASSEMBLED version with parts and RAM option for \$79.95, plus the Agnus chip and the extractor tool, costing \$119.90 in total (plus postage).

SPECIAL HARDWARE AND SOFTWARE REQUIREMENTS

HARDWARE

This project will work on all Amiga 500's, and all late model Amiga 2000/2500's. This means that any Amiga 2000 which has the older Amiga 1000 DIP-style Agnus will not work (i.e., those Amiga 2000's produced in Germany).

It will not work on an Amiga 600, 1000, 1200, 3000, 4000 or CDTV.

If you have an Amiga 500, you'll require an extra 512K RAM in the belly slot to expand memory. If you intend to install the project in an Amiga 2000, then you should already have 1MB installed on the motherboard; and even if you currently have only 512K set as Chip RAM, instructions are included for the conversion.

The following hardware is required for the conversion:

1: If the kit is already assembled, then you re-

quire only the \$4.95 PLCC chip extractor tool (definite requirement) plus the 2MB Agnus chip.

2: If you purchased a non-assembled kit, the following is required to complete the installation:

- Any parts listed under "LIST PRICE", above, that were not supplied with the kit.
- PLCC chip extractor tool.
- soldering iron.
- solder.
- flat blade screw driver (useful).
- X-Acto or similar knife.
- magnifying glass (optional, but very useful).
- multimeter (optional).
- tin snips.

I presume it works with all faster CPU's. Mine is currently very happy running with a GVP 22Mhz 68030 Combo accelerator board. Note that if you have a board which covers the Agnus socket you may have problems, and should consult the documentation in the archive, or the authors.

SOFTWARE

None.

COPY PROTECTION

None.

MACHINE USED FOR TESTING

- Amiga 2000.

- Initially, 1MB Chip RAM and 7MB Fast RAM.

- Tested on Kickstart 37.175 (2.04) and Workbench 38.12. Also booted up in Kickstart/Workbench 1.3 and everything appears OK (not fully tested).

- Running GVP 22Mhz 68030 Combo board. Works fine with hard drives attached to the SCSI bus. Set up has 2MB 16bit Fast RAM (A2058 board) and 5MB 32bit RAM (Combo board). GoldenGate II board also running with two extra PC serial lines. CBM deinterlacer. All appear compatible.

- All software that I ran appears compatible.

INSTALLATION

[MODERATOR'S NOTE: If you are not comfortable opening up your Amiga, then you should have the work done by an authorized Amiga service center. Careless work may damage the computer. -

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The old Agnus has to be removed (and for this, the PLCC chip extractor is an absolute requirement). The new board is then inserted into the motherboard socket left vacant by the Agnus chip, and a wire lead is attached to a pin on the 68000 (I used the 68000 attachment, even while running an 030) or the Gary chip. That's it!

The installation was dead easy, and the only worry was static discharge from myself (I didn't use a static mat or strap... slap on wrist! :-))

REVIEW

The project assembly was much easier than I had suspected. The board is well laid out with everything clearly marked, and thus is of good quality. All boards come with the PLCC plug soldered to the board, due to the difficulty of this operation.

The assembly in its basic form consists of the following (note that this only applies to the kitset boards):

1) Solder PLCC socket to the PCB. Not difficult, but it requires a little care and accuracy.

2) Solder in the three SIP resistor packs. Very easy.

3) Solder in the nine capacitors into the board. Very easy.

4) Solder the clip lead to the board (already assembled on kitset boards). Very easy.

5) Solder the eight RAM chips to the PCB. This was a little harder as I was worried about static and overheating the chips, and so it required a bit of precision and a speedy hand on the soldering iron.

6) Solder the 24-pin PAL chip to the PCB. Same skill level as above.

7) Install the 2 Meg Agnus chip into the socket on the board. Pretty simple.

8) Install, as mentioned above in previous section.

This process took me about an evening to complete (say 7:00pm to 1:00am... yes I was enjoying myself that much :-)). But the work could easily be split up over multiple periods, as recommended in the documentation, to ensure that a high standard of

work is achieved. Mine turned out pretty fair. The soldering wasn't production line quality, but is reasonably respectable. I found it easier to solder the pins on chips, sockets, etc., after they had been bent a few degrees (note I was **very** careful doing this!).

Note that none of the above applies to the complete, fully assembled project, which arrives the same as the commercial products (with the exception of the higher price tag).

Overall, I obtained a great deal of enjoyment. This was the second board I have soldered (the first being the Multi-Kickstart, also produced by Structured Applications and Designs), and found it much easier to complete than the previous one. Basically, if you can plug a soldering iron in, and handle it with a small degree of proficiency combined with a desire to produce work of a decent standard, you shouldn't have much hassle assembling the project. The instructions are a breeze to work through and provide a step-by-step assembly and instruction method which is easily understood, even by somebody as electronically inept as I am!

Overall if you're not going to upgrade to a new Amiga, yet require or would like 2MB of Chip RAM, then this is the cheapest path to achieving your goal. Don't be scared by the skill required to assemble the project or the time taken to assemble it, as both are negligible.

How useful is the extra 1MB of Chip RAM? Well now I can multitask a lot better, running numerous windows and doing a number of tasks that previously I could not do (e.g., read my news with Grn, while downloading with JRComm, while viewing IFF's). It has turned me into a bit of a slob though, as I tend to leave more windows open. :-). It also aids those of us that **have** to use MagicWB.

DOCUMENTATION

This consists of the assembly, installation and compatibility files that accompany the Public Domain archive on Aminet. These ASCII files are also accompanied by a number of IFF pictures which aid the assembly and provide complete schematics for the project (i.e., PCB layouts, etc).

The documents are superb, and provide a step by step description of both the assembly and installation process which are easy to follow. There are even IFF pictures of parts which may be hard to identify for the beginner (e.g., capacitors, chips, etc).

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identify for the beginner (e.g., capacitors, chips, etc). Also included in the documents is an order form and description of how the project works and the theory behind it.

LIKES AND DISLIKES

I believe that the project is brilliant! It provides a cheap way to upgrade your Chip RAM while introducing the beginner to a project which provides a great deal of satisfaction and builds confidence (is this a good thing with static sensitive electronics ;-)).

I have no complaints about the quality of materials involved, the documentation, nor the implementation of the whole project.

COMPARISON TO OTHER SIMILAR PRODUCTS

The project is a Public Domain implementation of similar commercial products available, such as the DKB MegaChip product. I haven't used or heard any complaints about the commercial products.

BUGS

None known.

VENDOR SUPPORT

I had to contact the authors, Neil Coito and Michael Cianflone, several times via email concerning a delivery date. Both times they were helpful and courteous. The problem was that new circuit boards were being produced and delays had occurred. The product arrived (after a delay in Customs) at approximately the time specified by the authors.

Both authors offer themselves in the documentation as available for consultation if any problems are encountered. Once the board arrived I had no problems nor need to consult.

I am not affiliated with the company in any way except as a customer.

WARRANTY

There appears to be no warranty. It is mentioned in the documents, that if a part is defective, then contact Structured Applications for help, and I presume replacement parts are free of cost. All the boards are sent out fully tested, apparently.

CONCLUSIONS

I consider the project brilliant, and hope that further projects of this type appear for/from the Amiga

community. It is well executed in terms of both documentation and hardware. It achieves its aims, and appears to be at least on a par with commercial products.

If forced to give a rating, at this stage I would give it 4 out of 5. The remaining star depends upon the long term reliability of the product, which at this stage I have few doubts about. If it stays as reliable as it currently is, then I would happily recommend 5 out of 5!

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Our "C" SIG organizing meeting, of five members, was held at ATKCo Computers, on Wednesday 26 Jan 1994. We spent the first session getting acquainted with each member giving a brief summary of his programming background.

Jeff Webster is the SIG leader and will attempt to make us a little "C" wiser. It was suggested that those who do not have a "C" compiler, obtain the PD "DICE" compiler. It can be down loaded from the AmAz! BBS. Our first programming assignment is to examine the use of "C" to program standard I/O. There is a small example of "C", that writes a simple structure to a file, closes the file and reads it back in, on the BBS. Look for the file RD_WRT_STRUCT.C in the "C" Programming File Section.

Everyone is welcome at the "C" SIG. Call Stan Krawczyk (602-938-9736) for more information. Meetings will be the last Wednesday of each month at 6:30 PM (Come at 6 for informal discussion). AmAz!

➤ OXYD, page 5

1.3 and 2.0 and will run from the hard drive. I found this game to be very challenging and a lot of fun, it takes full concentration to keep that marble from falling off the edge or sinking in the sand. Try OXYD, satisfaction is guaranteed. AmAz!

► *TIP, page 6*

subdirectories. With the "list" example, you'd have to edit and reissue the command for every level of subdirectories...

If you're not sure on which drive/partition the file(s) you are looking for is/are located, you can just insert more devices into your command:

"find dh2: dh1: dh0: #?ar#?"

Another approach: Use a cron to periodically list all files on all drives or partitions to a file, e.g.:

"list dh2: dh1: dh0: sys: lformat "%F%S" all >dh0:FILES.all"

("%S" will get you the name of the file, "%F" its complete path. For other options, check the AmigaDOS Reference section in your system manual.)

Now you can alias "finda" (find all) as "search dh0:files.all [] nonum" for truly carefree system-wide file tracking :). Robert's example would become:

"finda ar"

(The pattern matching is implicit as you're searching a file now.)

Depending on a whole lot of factors, either method may be faster :).

Oh, last but not least, I also have an alias for the old (1.3) search functionality (searching a file for a particular instance of text):

"findc" (find contents) for "search [] all nonum quiet", e.g.

"findc dh0:AmigaReport Niles"

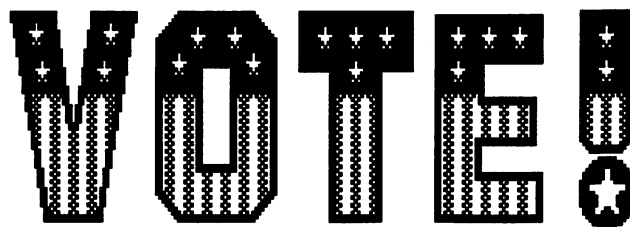
(AmigaReport could be either a file or a directory here.)

Due to the 'quiet' option, only the names of the files in which the text was found are displayed. However, without 'quiet', search not only displays the complete line in which the text occurred, but also every file it is searching... that's why I prefer 'quiet' output :).

Phew... this got to be a little longer than I intended... all I meant to say was "Using search is more effective", but just in case you decide to edit this for inclusion in a future issue of AR, I decided to elaborate a bit.

Have a nice... Amiga! AmAz!

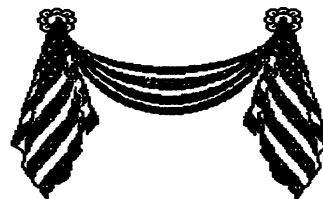
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And the nominee's are:

President	Stan Krawczyk
Vice-President	Allen Hutchison
Secretary	Brian Hunter
Treasurer	Lester Carr
Librarian	Mel Elliott
Member at Large	Peter Guldager
Member at Large	Bill Hagan
Member at Large	Your Name

Election of officers for the Board of Directors for Amiga Arizona for the coming year will be held at the February meeting. Be sure to attend and cast your vote. You might even consider volunteering to stand for an office. AmAz!



► *BBS, page 5*

With the standard Amiga serial device, you should NOT lock the baud rate at anything more than 19200 baud (unless you have a machine equipped with a 68020, 68030 or 68040). A standard Amiga does only handle transfers at a maximum of 31250 Baud, unless you have one equipped with ASDG dual serial board, then you may lock the baud rate at 38400 Baud.....Happy modeming to all! AmAz!



The February meeting was held on Tuesday the 1st and was attended by Stan Krawczyk and Stephen Doncevic. We discussed the REXXSUPLIB.LIBRARY and Requesters.

Anyone interested in joining the AREXX SIG please call Bill Hagan for more information. AmAz!



March 1994



SUNDAY

MONDAY

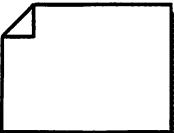



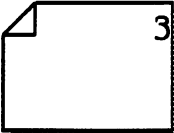

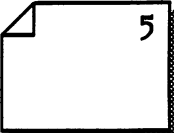
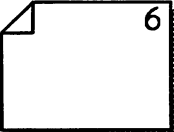
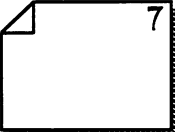
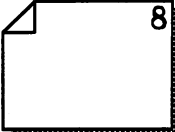

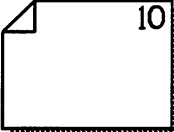
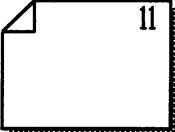
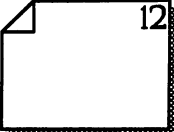
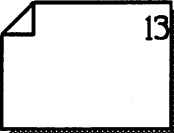
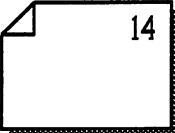
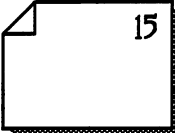



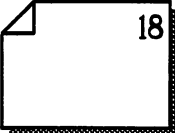

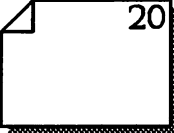
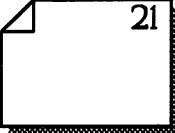
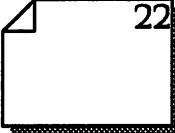
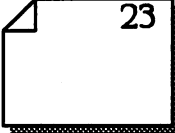
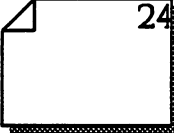
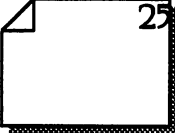
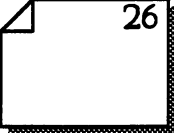
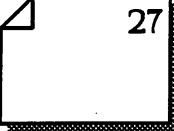
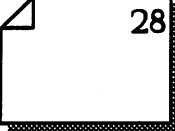


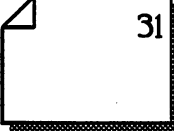


TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

	 Newsletter Articles Due 25 February	 1 AREXX SIG 934-2993 For Info	 2 Newsletter Draft Completed	 3	 4 Newsletter Proof Completed	 5
 6	 7	 8	 9 Mail Newsletter	 10	 11	 12
 13	 14	 15	 16 AmAz! General Meeting	 17  St Patrick's Day	 18	 19 AmAz! EX BD Meeting
 20	 21	 22	 23	 24	 25	 26
 27	 28	 29	 30 'C' SIG 938-9736 For Info	 31	 Newsletter Articles Due 1 April	

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Our User Group is Amiga Arizona (AmAz!). We feel we have one of the best Amiga User Groups around!. We hold regular monthly meetings on the 3rd Wednesday of each month at the Glendale Public Library at 5959 W. Brown (just off 59th Ave, one block south of Peoria Avenue). 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 software drawing is held for regular members and our extensive disk library is available for disk sales at the meetings. The library contains the entire Fred Fish collection plus other demo disks from developers as well as our own Disk of the Month. Members of the group may purchase disks at a reduced price.

The Group owns and operates a 24 hour Bulletin Board System (BBS) called the AmAz!ing Connection (602-843-6574). This BBS supports baud rates up to 14,400 BPS. The BBS is open to any caller, however, members of the Group are allowed an extra 15 minutes per day and no limits on download privileges.

We offer two forms of membership: The Regular member is eligible to vote and participate in the software drawings at the monthly meetings. He/she is also eligible to hold offices on the Executive Board. The Regular member dues are \$24.00 per year. The alternative membership is a subscription for those who cannot attend the monthly meetings. The dues for this are \$18.00 for US, Canada and Mexico (\$20.00 international). These members may not vote or hold Ex Bd office. All members receive a monthly copy of the AmAz!.info newsletter and are eligible for the extended BBS privileges. If you are interested in joining us, send your dues, name and address to: AMAZ! (Amiga Arizona), PO Box 82371, Phoenix, AZ 85071.

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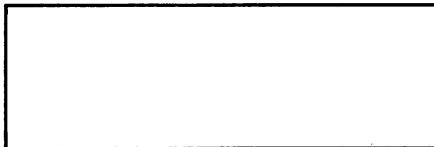
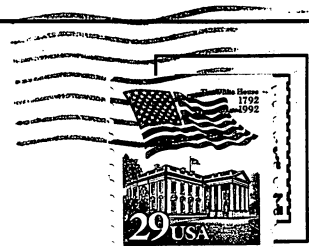
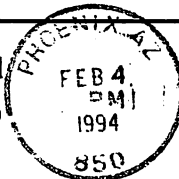
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Valentine's Day
February 14th

