ar218

	COLLABORATORS		

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WRITTEN BY		August 10, 2024	

	REVISION HISTORY		

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

ar218

1.1   Amiga Report Online Magazine #2.18 -- June 3, 1994

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                             Turn the Page


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               International Online Magazine

          "Your Weekly Source for Amiga Information."

          Copyright  1994 Skynet Publications
                  All Rights Reserved

                        //
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%//%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% June 3, 1994                 \//                   Issue No.  2.18 %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

1.2   Amiga Report Main Menu

```
   Columns and Features    News, Reviews, and More!
    About AMIGA REPORT     Staff, Copyright information
```

```
      Dealer Directory       Amiga Dealer Addresses and Numbers
 Commercial Online Services  Sign-Up Information
     FTP Announcements       New Files Available for FTP
  AR Distribution Sites      Where to get AMIGA REPORT
```

```
          _____
      //   |                                              |       //
%%%%%%//%%%%%| Amiga Report International Online Magazine |%%%%%%//%%%%%
%%   \//     | Issue No. 2.18               June 3, 1994 |   \//    %%
%%%%%%%%%%%%%%| "Your Weekly Source for Amiga Information" |%%%%%%%%%%%%%%
             |_____|
```

```
    The Editor's Desk      Amiga News             Dealer Directory
    Distribution BBS's     Product Announcements   Emulation Editor
    Reader Mail            AR Contest!             UseNet Review
```

                         SPECIAL FEATURES

```
  compt.sys.amiga ...........................................Jason Compton
  Disk Port Amiga Networking .........................Douglas Nakakihara
  SatTrack v4.1 .......................................Randy Stockhouse
  Message from Blazemonger ..............................Daniel Barrett
  Files on your HardDrive ................................David Tiberio
```

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%              DELPHI    PORTAL    FIDO    INTERNET           %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

1.3 The Editor's Desk

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% The Editor's Desk                                 by  Robert Niles  %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

Another week with only rumors abound. Sorry, nothing concrete
...interesting stories, guesses, assumptions, etc. But I will stick with
what I stated before ...I really don't wish to start rumor mongering so...

On to something else. :)

Quite a few of you out there have Internet connections ..or have the
ability to send mail to someone on the Internet. So in the next issue
I will give out addresses to Magazines in which you can write letters to
the editor. The week after, I will compile a list of email addresses in
which you can contact major developers of Amiga software and hardware.
While these might not be very Amiga specific, it might show how "involved"
you can get with magazines, developers, and the infamous via email. The
interaction is quite interesting.

Until then, we have some interesting articles from Mr. Compton,
Mr. Tiberio, and others....

...but before I go, I need to ask you a favour.

Michael Witbrock, the owner of the Commodore Information Resource on the

World Wide Web (WWW) is in need of a paint program that (preferably) works
with the Picasso II board. He's been updating the Resource and a bit of it
involves pictures (a site to see if you have the ability to use Mosaic on
the WWW).

I ask that if any of you individuals or companies wouldn't mind donating
him a paint program, please get ahold of him at:

witbrock@cs.cmu.edu

I thank you all!! Enjoy!!!

1.4 Delphi

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%        Delphi Internet Services -- Your Connection to the World!      %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

 Amiga Report International Online Magazine is available every week in the
 Amiga SIG on DELPHI. Amiga Report readers are invited to join DELPHI and
 become a part of the friendly community of Amiga enthusiasts there.

                         SIGNING UP WITH DELPHI
                         ======================
         Using a personal computer and modem, members worldwide access
                  DELPHI services via a local phone call

                            JOIN -- DELPHI

                 Via modem, dial up DELPHI at 1-800-695-4002
                                   then...
                   When connected, press RETURN once or twice
                                   and....
                    At Username: type JOINDELPHI and press RETURN,
                    At Password: type AMIGAREPORT and press RETURN.

   DELPHI's best plan is the 20/20 plan. It gives you 20 hours each month
   for the low price of only $19.95! Additional hours are only $1.50 each!
             This covers 1200, 2400 and even 9600 connections!

             For more information, and details on other plans, call
                   DELPHI Member Services at 1-800-695-4005

                            SPECIAL FEATURES

   Complete Internet connection -- Telnet, FTP, IRC, Gopher, E-Mail and more!
     (Internet option is $3/month extra)

   SIGs for all types of computers -- Amiga, IBM, Macintosh, Atari, etc.

Large file databases!

SIGs for hobbies, video games, graphics, and more!

Business and world news, stock reports, etc.

Grolier's Electronic Encyclopedia!

DELPHI - It's getting better all the time!

1.5 Editor

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                              EDITOR                              %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

Robert Niles

```
Portal:                    RNiles
FidoNet:                   1:3407/103
Internet:          rniles@hebron.connected.com
Fax:                   509-248-5645
US Mail:               P.O. Box 8041
                       Yakima, Wa 98908
```

1.6 Emulation Editor

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                       EMULATION EDITOR                           %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

Jason Compton
```
Internet:           jcompton@bbs.xnet.com
FAX:                   708-741-0689
```

1.7 European Editor

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                       EUROPEAN EDITOR                            %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

Jesper Juul
```
Internet:           norjj@stud.hum.aau.dk
```

1.8 Contributing Editor

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                       CONTIBUTING EDITOR                        %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

```
                          David Tiberio
  Internet:           dtiberio@libserv1.ic.sunysb.edu
```

1.9 Amiga Report Mailing List

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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%          Amiga Report Maillist List, the WWW, and Aminet        %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

```
AR Mailing List
~~~~~~~~~~~~~~~~
No Official Amiga Report Distribution Site in your local calling area? Are
you tired of waiting for your local BBS or online service to get Amiga
Report each week?  If so, have we got a deal for you!

If you have an internet mailing address, you can receive Amiga Report
in UUENCODED form each week as soon as the issue is released.  To be put
on the list, send Email to rniles@hebron.connected.com.  Your
account must be able to handle mail of any size to ensure an intact copy.
For example, many systems have a 100K limit on incoming messages.

Many thanks to PORTAL Communications for setting this service up for us!

P.S.:  Please be sure to include your Email address in the text of your
request message, it makes adding it to the list much easier.  Thanks!

** IMPORTANT NOTICE:  PLEASE be certain your host can accept mail over
** 100K!  We have had a lot of bouncebacks recently from systems with a
** 100K size limit for incoming mail.  If we get a bounceback with your
** address in it, it will be removed from the list.  Thanks!

                  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
World Wide Web
~~~~~~~~~~~~~~~
AR can also be read with Mosaic (in either AmigaGuide or html form).
Reading AmigaReport with Mosaic removes the necessity to download it.
It can also be read using programs found in UNIX sites such as LYNX.

Simply tell Mosaic to open the following URL:
http://www.cs.cmu.edu:8001/Web/People/mjw/Computer/Amiga/AR/MainPage.html

Mosaic for the Amiga can be found on Aminet in directory comm/net, or
(using anonymous ftp) on max.physics.sunysb.edu

Mosaic for X, Macintosh(tm) and Microsoft Windows(tm) can be found on
ftp.ncsa.uiuc.edu
```

```
                    ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Aminet
~~~~~~
To get Amiga Report from Aminet, simply FTP to any Aminet site, CD
to docs/mags. All the back issues are located there as well.
(ftp.cdrom.com or ftp.wustl.edu are two sites)
```

1.10 Amiga News

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%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Amiga News                                                        %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
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```
MangaZone Announces GeNe and Maestro
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Dear Amiga User,
```

As you know we are a young and aggressive software house as well as a
distributor for several products here in Italy.

Even though the recent problems in Commodore, we still are fully dedicated
to the Amiga line. We believe in the machine and we will be doing
everything we can to keep it from falling down.

In fact we are now announcing a new product! After the successful release
of GeNe(TM), our stock management and invoicing program with features as
an over 4 billion client database, product database, and many other
exiting things, we have started working on a major product that will
revolution the whole DTP world when it comes to music!

MAESTRO!(TM) is a fully blown Music Processor with basic DTP for
incorporating words into music. Here you will find fome of its major
features:

-   Easy keyboard input as well as standard mouse input.
-   * .MID readout and layout with automatic percussion transposition and
    general midi istruments patterns.
-   Template support.
-   Infinite level (Memory controlled) undo.
-   Postscript support for smooth print out.
-   Postscript support is included at the engine level. The display is
    seen as a low resolution printer.
-   Lyrics.
-   Basic DTP with music and words for printing such products like
    musicals.
-   Top ranges for music istruments.
-   Automatic transposition for istrument with different keys.
-   Score optimization for deleting empty parts for printing a reduced
    Director's version.
-   Instrumentally reduced score for Director's version.
-   On screen "Score Collapsing" for better section linking.
-   Automatic time calculation based on all time and tempo changes.
-   Up to 256 Staffs can be addressed.
-   And many many more exiting things!

The software will be distributed on CD-ROM, together with the Amiga and
Windows version. The approssimative RRP should be around US$1000 for a one
system licence. Multiple platform/site licence can be bough. Tentative
release date will be on the first quarter 1995.

A Junior version will be available as well as a special pricing to
students and free first copy for any educational institute who makes a
formal request (please enquire with us for details).

User manual will be on-line as hypertext. Optional paper version will be
delivered under request. Details are still not available on the manner
this will be executed, but of course there will be also a funtion to
print out the manual on a Postscript printer.

All in all, you can see we are and want to remain fully dedicated to the
Amiga market and we will continue to develop solutions for this computer
for a long time. In fact by mid June we will be releasing a free update to
GeNe.

For further information you can call us, we'll be pleased to be of help.

Ivan Pintori, Owner
MangaZone Advanced Services
Via Grandis 1
00185 Rome
Italy

Phone/FAX: ++39-6-7028966
e-mail: i.pintori@agora.stm.it

============================

HEURIS Logic Continues Amiga Development and Support.
~~~~~~
HEURIS Logic, one of the premier MPEG encoding service providers
in the U.S., will continue to provide MPEG encoding, support, and
consulting for CD32 and Amiga developers.

HEURIS intends to proceed with their own commercial Amiga
development projects, including CD32 games, for the Amiga and
Amiga CD32, as well as providing continued support and development
of custom Amiga applications for special needs, such as interactive
kiosk displays.

HEURIS has been a registered Amiga and CD32 developer for some
time, and wishes to assure their customers and friends that they will
continue to receive the comprehensive project support and consulting
to which they have become accustomed.

Additionally, HEURIS welcomes inquiries from other developers
regarding collaboration and cooperative support for this ideal
interactive video platform.

Thanks to all other businesses declaring their Amiga support, and
especially to the Amiga engineers and systems programmers who have
given us this sane, inexpensive multimedia environment. We join you
all in the hope that this machine will continue to play an important

role in the future of computing.

Brian A. Roy
Dir. Software Implementation

Brian Quandt
President

Jeanette DePatie
Dir. Sales & Marketing

HEURIS Logic Incorporated
1758 Muegge
St. Charles MO 63303
(314) 949-0415

==============================

SJAUG - South Jersey Amiga Users Group
~~~~~~
The SJAUG is a nonprofit, educational organization dedicated to the
furthering of knowledge of the Amiga Computer.

You are invited to come to our meetings. There are no dues or fees.
Share your experiences, assist others and stay current with new
developments concerning the computer industry and the Amiga.

When: 1st Monday of the Month(unless it is a holiday
       in which case the 2nd Monday is the date).

Where: Edgewood Junior High school, Winslow, New Jersey

What: Members bring software to demonstate, PD disk collections
       are available, CD-ROMs from Fred Fish, Aminet. The meetings
       last from 7pm to 9pm.

More information can be obtained from one of the following BBSes in
the South Jersey Area:

  The Amiga Zone - (609) 953-8159
  Eagle Bored   - (609) 629-1076
  Gateway   - (609) 931-3014
  Viva Amiga   - (609) 227-8278

==============================

The Puzzle Factory Announces WinkBug
~~~~~~

"Debugging Code was Never Easier"

WinkBug(tm) consists of a small 2-line by 16-character LCD display that
can help you to debug programs more rapidly and to be more productive.
It comes installed in a 3-position parallel port switchbox for added
convenience. All 25 positions are switched.

As you may be aware, certain types of programs do not lend themselves
very well to the use of a debugger. The program may be automatically
loaded by the operating system, and not give you any way to "attach"
the debugger. Even if this is not a concern, the debugging software
itself may change the environment enough so that the program no longer
behaves in quite the same way as when the debugger isn't present.

WinkBug will solve these problems by virtue of being almost
"invisible" to both the OS and the program being tested. Your program
may write debugging messages to the WinkBug display by means of
software contained in the wink.library. There is even a built-in
beeper that responds to the ASCII BEL character. The display speed is
fast enough for all but the most time critical code: 40us/char. The
code in wink.library is very tight as well.

WinkBug will be useful in debugging device drivers, libraries,
handlers, interrupt service routines, and many more difficult pieces
of code. Utilities are provided so that you may redirect Software
Alerts to WinkBug or watch task-switching in real time (only 7%
overhead). Enforcer support is also provided.

Although there are debugging applications where a full ANSI terminal
is indispensable, you will find that for many uses, WinkBug will
function just as well, with the additional benefits of taking up
almost no space and drawing a negligible 10mw of power.

Even if a full ANSI terminal is available where you normally work, you
will find WinkBug indispensable for debugging code in the field. It
is even possible to build hooks for WinkBug display routines into
your code, along with special access codes. You could then send the
WinkBug hardware to a customer a continent away for remote debugging.
Imagine the possibilities!

WinkBug is plug compatible with all models of Amiga computers except
the A1000. No external power needed.

PRICE

   US$54 + shipping.
   Shipping is $5 in the U.S. and Canada. Others please call.

The Puzzle Factory, Inc.
P.O. Box 986
Veneta, OR 97487

(800) 828-9952 - Orders only
(503) 935-3709 - Questions/support

Internet: jlavin@efn.org

OTHER

WinkBug and Wink Display are trademarks of The Puzzle Factory, Inc.
Amiga is a registered trademark of Commodore-Amiga, Inc.

1.11   Reader Mail

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Reader Mail                                                      %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

From: Andre Lackmann <76711.710@compuserve.com>
To: AR <rniles@hebron.connected.com>
Subject: SimCity 2000

Hi Robert!

I was sick and tired of having no answers to the question:

'Will SimCity 2000 be released for the Amiga?'

So I went and asked the publishers! Heres what they said:

```
#: 80551 S8/Maxis
    02-Jun-94  08:57:53
Sb: #80426-SimCity 2000 Amiga?
Fm: Maxis 71333,1470
To: Andre Lackmann 76711,710 (X)
```

Funny you should ask... my understanding is that one of our European
affiliates is developing a version for Amiga, and there is a good
possibility that we'll soon distribute it here in the States. I'll let all
know once there has been a final decision.

-Chris

1.12   compt.sys.amiga

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% compt.sys.amiga                                by  Jason Compton  %%
%% More reflections.                            jcompton@bbs.xnet.com %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

You know, I AM still serious about that disk magazine thing. To date,
though, I think I have three interested people on the list. If you want to
sign up for the Coverdisk Mailing list, drop me a line. I'm sending out
a mass mailing to our AR distributors tonight to see if they're interested
in directly carrying the disk magazine as well. Remember, it's bound to
be about a 650k mail file...

Samsung...did they or didn't they? Usenet rumors say that C=
distributors are being told it's a done deal, but nothing official yet.
We'll watch and wait.

Upcoming software reviews from me include MaxDOS, PhotoWorx,
DirWork 2, and Video Creator for the CD32. Hardware reviews
include the Vortex 486SLC2, the SX-1, and the Toccata 16, assuming
I ever get it to output sound at all.

24-bit video boards? I'm still trying. GVP and Centaur finally are in
the "No thanks, we're washing our hair and can't send you a board"
column.

Expert Services is supposedly getting one ready, DKB has me marked
down for a Talon, NoahJi's has me marked down for a Retina ZIII, and
Spectronics has me marked for a Merlin, assuming they get some more
that work. (memory problems, the same think Expert Services told me
has held up some Picasso IIs.)

CD32 software? Well, British Magazine Distributors seems to be the
source of choice for both of the US Amiga magazines, and I've sent
them off an Amiga Report sampler disk in the hope that I can
prove our worth to them. We'll see.

Accelerator reviews? I've sent off a sampler to Micro R&D in the
hopes of winning an Excalibur away for a month. MacroSystem
Development is building Warp Engines with very long production
times and small profits at the moment, so they told me to call
back in a month or so.

Oh, yeah, there IS a review of Lock 'n Load sitting somewhere
in Robert Niles' mail. It's a trifle short, and I don't plan to end
it with that, there's more to be said. Don't worry.

[Ed: Ummm....I don't have it :) Will post it in AR219]

So, here's to hoping I get something in motion. See you next
week, and maybe someone will own the Amiga by then.

1.13 Floppy Disk Port Based Amiga Network

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Floppy Disk Port Based Amiga Network       by Douglas J. Nakakihara %%
%%                                    dnakakihara@bix.com %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

The author can be reached thru Internet at dnakakihara@bix.com.

/***

Floppy Disk Port Based Amiga Network
By Douglas J. Nakakihara

   Spectronics International U.S.A. is now shipping a terrific
product called AmigaLink that allows Amigas to be networked using the
floppy drive port! Now even slotless models like the A500, A1200, and
CDTV can be part of a network.

   Although networking usually involves multiple users, single users
can also benefit. Each step in the evolution of the Amiga has meant some
incompatibility or another. As a result, many Amiga owners continue to
hang on to them, even after purchasing a newer model. By networking
them, peripherals can be shared, allowing maximum use of all hardware.

ParNet

   Of course, many Amiga owners already rely on the freely-
distributable ParNet software to network Amigas. Like ParNet, AmigaLink
is also a so-called peer-to-peer network because all of the nodes (i.e.,
networked computers) are equals, and any one of them can access
another's storage devices. A4000-Toaster owners will appreciate the fact
that AmigaLink also doesn't use an expansion slot.

   However, as wonderful as ParNet is, it's just a toy compared to
AmigaLink. A downside of using ParNet is that only two Amigas can be
networked, AmigaLink can have up to 20. Furthermore, because ParNet

monopolizes the parallel port, it can be a real pain using other
peripherals that use this port, like a printer, scanner, or audio
digitizer. ParNet also provides no access-security between nodes.

   Although, 20 is the recommended maximum number of nodes, that
number can be exceeded, as can the recommended cable length limit of 330
feet. Apparently, the amount of interference at the network's location
determines the actual maximums. But this can only be determined by trial
and error. For example, using shorter cabling between nodes, may allow
you to exceed 20 Amigas.

Installation

   Although the manual provides adequate step-by-step instructions,
they are spread over several chapters and the process takes longer than
it should. Because installation is fairly involved, it would have been
much better if the installation steps were consolidated and preceded by
a brief overview of the procedures. In spite of this, I had two nodes up
and running in about one-half hour.

Hardware Hookup

   To install AmigaLink, you must first physically connect the
computers. The petite AmigaLink adapter is basically a 23-pin connector
with a BNC T-connector protruding from where a cable would normally
exists. A removable terminating cap is attached to one end of the T-
connector. AmigaLink will work with pass-through connectors and you can
still have up to three floppy drives on each Amiga.

   Each Amiga must have its own adapter and 50-ohm RG-58 coaxial
cabling is supplied to connect the them together. By removing the
terminating cap, you can daisy-chain multiple computers together;
however, there must be a terminating cap on the first and last nodes.
The procedure is easy and you don't even have to open a computer case!

   The T-connector portion of the adapter is removable and you can
disconnect or reconnect nodes without powering down. Connections will be
re-established once nodes are reattached. However, you should never add
or remove an AmigaLink adapter while the computer is running.

Software Installation

   The software is installed in three steps. First you must install
the device driver on each Amiga. This is accomplished by merely clicking
an icon and following the instructions. The manual provides detailed
instructions on what AmigaDOS commands must be available for the
installation script to work properly (e.g., Run, NewCLI, Copy, etc.). If
the software is being installed on a floppy disk, you must delete some
files to make room for the AmigaLink software. A handy list of deletable
files is provided for Workbench 1.3 and 3.0 disks. Between the two, you
can come up with a list for a 2.x Workbench disk. Obviously, you should
use a copy of your original Workbench disk.

   The second step is to install the file system software on each
computer. Again, this is a click-and-go procedure. During this process
you will be asked for a "host" name. Each node must have a unique name,
like "Dougs4K", or "CDTV1." I'd recommend that you keep names as short

as possible for reasons you'll see later on. (I was surprised to find
that the AmigaLink device driver is SANA-II compatible (Standard Amiga
Network Architecture). This means that ENVOY or other SANA-II compatible
networking software can be used instead of the AmigaLink file system
software.)

Configuring Nodes

   Once the device driver and file system are installed on all
Amigas, the third step is to run the configuration programs on each
node. These programs do not have to be installed on each node and can be
run from the AmigaLink floppy disk. However, I found it more convenient
to copy them to my hard drives for possible future configuration
changes. There are two configuration programs: Import and Export.

Export

   Export allows you to identify which devices are available to other
nodes. Remember, AmigaLink is a true multi-user network. As such, you
can keep certain devices private and not allow remote access. This
covers all storage devices including RAM: and removable media, like
floppy drives (a disk must be present).

   The Export settings can be saved as a default or just used for the
current session. The settings file is saved in the ENVARC: directory
under Networks. (ENVARC: is a standardized storage area for
configuration information.) You can also save multiple settings.

Import

   Running the Import program brings up a list of the other nodes on
the network, called "hosts." By selecting one of the hosts with the
mouse, a list of all of its available (i.e., exported) devices appears.
You can then select which devices should be mounted on this particular
node. (Normally, the Export program should be run on all nodes before
running the Import program.)

   To avoid name conflicts, Import automatically appends the name of
the Host to the front of the device and volume names. (Remember, every
Amiga storage device has both a device and volume name, which are
usually different.) For example, the device and volume names "HD1" and
"Work" on host "A3000" become "A3000-HD1" and "A3000-Work",
respectively. So if a node already had a HD1 device called Work, a
similarly named device on a remote node could be accessed without
conflict. The default names can be changed, however.

   The Import settings are saved in a file in the WBStartup drawer.
Although this is a logical location, booting up without all nodes active
will yield a slew of annoying error requestors. You can drag the Import
icon out of the WBStartup drawer, but you'll have to move it every time
new settings are saved. I remedied this by adding some lines to my
Startup-Sequence that checks for the Import files in the WBStartup
drawer and then moves them to another drawer. This works because the
Startup-Sequence is executed before WBStartup programs are run. I don't
know why the Import settings aren't saved in the ENVARC: directory just
like the Export settings. This would allow the Import startup icon to be
placed anywhere.

Utilities

   Diagnostic utility programs are also supplied. One is a self-
testing program which identifies hardware problems. Two other programs
test the receiving and sending abilities of computers on the network.
The Statistics program monitors and displays network performance
information.

Network Printing

   AmigaLink comes with a utility program called Spooler, which
allows multiple nodes to "print" to the same printer. Spooler is run on
the node with the printer, referred to as a "print-server." The program
monitors a user-specified directory for activity. When a file is
completely "printed" to that directory, Spooler sends it to the printer
port, usually PAR:, and then deletes the file.

   All other nodes must run the AmigaDOS CMD command, usually found
in the Tools or Utilities drawer. Generally, CMD is used to redirect
printer output to a file in RAM:. However, the output it intercepts can
also be redirected over the network to the monitored Spooler directory.
You should be able to set up multiple print-servers, each running its
own Spooler. Nodes could then print to any of these servers by simply
changing the CMD redirection.

   Do not run CMD on the print-server, however. Doing so will create
an endless loop: CMD redirects data headed for the parallel port to the
Spooler directory, Spooler then sends this back out to the parallel
port--you get the idea.

OS1.3

   Although, AmigaLink was developed for OS2.0+ users, it functions
fine using OS1.3 (reportedly even on an Amiga 1000). It's not as
automated as under OS2.0+, so you'll have to use some CLI commands.
However, you can modify your Startup-Sequence to automate the process.
Remember to include the StartServer command, as the installation process
does not do it for you.

My Network

   My test network consisted of an Amiga 3000, 4000, and CDTV. The
CDTV required using a pass-through external floppy drive. Since many
external floppy drives, like the "official" black CDTV ones, do not have
a pass-through connector, Spectronics will be releasing an inexpensive
T-connector providing pass-through capabilities. An adapter for CD32 is
supposedly in the works too. (Note: If you don't have a keyboard for
your CDTV, there are a few public domain utility programs that emulate
keyboard input using a mouse.)

   I was extremely impressed with the AmigaLink. The network is
professional and well implemented. Remote devices function just like
local ones and their icons appear right on the Workbench, including
"left out" icons (OS2.0+)! The network is virtually invisible. Here is
where my earlier suggestion for short Host names comes into play. Volume
names that display wider than their icon, will make for a real ugly

Workbench! This is not a functional problem, but could become
aesthetically annoying.

    To network a CDTV, you'll need to have a non-booting CD inserted
into the unit so it will boot off the floppy drive. I was happy to find
that AmigaLink handled changing the CDs. Although the volume name didn't
change, I could still access it. To get the name to change you must
unmount and remount the device.

    When I rebooted a node, I found that on remote nodes, I had to
unmount and then remount any devices imported from the rebooted node.
This was so, even though the Import program indicated the devices were
mounted. You can click the "mounted" button twice or do it from the CLI.
When there are a lot of devices, a script file to unmount devices works
great.

    I also found a conflict between by Goldengate 486 board and
AmigaLink. However, as long as I didn't try to access a device on the
Amiga with the GG486 while it was emulating, all was fine.

Performance

    Since Amiga floppy drives are no speed-burners, I was very
interested to see what kind of performance a floppy port network could
achieve. The manual states that the data transfer rate is 450,000 bits-
per-second, which translates to about 55 kilobytes-per-second (kbps). My
best case was a disappointing 40kbps on my network, while ParNet
achieved around 61kbps.

    However, this is only half of the story. During transfers, ParNet
hogged CPU time, while AmigaLink barely required any. So although
AmigaLink is slower than ParNet, it uses substantially less system
resources, which could be a factor when multitasking. Still, AmigaLink
is just fast enough not to cause an anxiety attack.

VideoToaster Farm

    Spectronics is also considering releasing software to do
simultaneous Lightwave rendering on multiple Amiga/Toaster systems. This
is an excellent application for AmigaLink because a fast transfer rate
is not a requirement. "Rendering farms"--just like the big boys (i.e.,
Amblin Imaging (seaQuest DSV) and Foundation Imaging (Babylon 5))--are
now within the reach of smaller 3D studios.

Worth The Price

    This is an extremely important product for the Amiga and one that
I am very excited about. At $260 for a two-node network, AmigaLink may
seem a little expensive, but a functionally equivalent Ethernet-based
network would cost you many times that. AmigaLink performs like a full-
fledged network--albeit a little slower--and is well worth its cost.

AmigaLink, $259.95 for two computers
$124.95 for each additional
Spectronics International U.S.A., Inc.
34 East Main St. #3
Champaign, IL 61820

(217)352-0061

1.14 SatTrack v4.1

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% SatTrack v4.1                                      by Randy Stackhouse %%
%%                                       rstackho@dw3f.ess.harris.com %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

TITLE

     SatTrack

VERSION

     Current Version is SatTrack 4.1.
     All new version are free to registered users.

AUTHOR

     Randy Stackhouse, N4RTL
     EMAIL: R.STACKHOUSE@GENIE.GEIS.COM

DESCRIPTION

     A satellite tracking program. Allows for selection of a database
     that can contain up to 1000 satellites. Tracks satellites on a
     graphics display of the world. All graphics are IFF compatible
     allowing for loading of display to standard painting program.
     SatTrack allows for input of satellite data using either standard
     data format or by simple user input. Satellite database files
     are included, also information for obtaining database updates from
     public domain and government locations.   All operations use
     standard windows and menus. SatTrack has a simulation mode that
     allows for predictions in the future. Operates on Workbench 1.3,
     2.X and 3.X. This is version 4.1. SatTrack is keyware, see the
     registration file for more information. SatTrack Demo is fully
     operational until the expiration time is reached.

NEW FEATURES

     New for SatTrack 4.1
     Addition of support for various sized screens. This allows for
     better support of PAL users and users with extended graphics
     cards.

     Also included is Sun tracking which allows for calculation of
     sun position. Sun position is required to allow SatTrack to
     calculate the times when a particular satellite, shuttle or MIR
     is "in the sun" and you are not. This determination allows the
     SatTrack user to predict when a space object is visible.

     Overhead view is a map of the sky from your location.   It is
     representative of where the satellite will travel within your
     view.   The display represents a circle. The center of the

       circle is "up". The outside circumference of the circle is
       your "horizon". Another circle 1/2 the size of the other circle
       with the same center is the 45degree azimuth from your location.

SPECIAL REQUIREMENTS

       Hard drive is optional.
       Math Co-processor is supported but not required.

HOST NAME

       Aminet at wuarchive.wustl.edu (128.252.135.4)
       GENIE

DIRECTORY

       Aminet: misc/sci
       GENIE: Amiga BBS/Roundtable keyword:SatTrack

FILE NAMES

       SatTrack_v4_1.lha
       SatTrack_v4_1.readme (short description)

PRICE

       Valid KEYS are $20 and will cause your copy of SatTrack
       to work forever.   If the most recent version of SatTrack
       is desired, $30 will get you a distribution disk with
       your keys already installed.

       SatTrack is keyware. Keyware allows user evaluation of
       all features.   Demo keyware expires on a certain date.
       After that date, Amiga system time may be moved back
       to allow for evaluation of the software, however execution
       of tracking for current time is not possible.
       ALL PURCHASED KEYS DO NOT EXPIRE AND
       WILL WORK WITH ALL FUTURE VERSIONS OF SATTRACK.

     FUTURE VERSION ARE FREE TO REGISTERED USERS. SEND A DISK
  TO: Randy Stackhouse
            4 Sinclair Cir
       Indialantic Fla, 32903
                USA

        Include proper postage.

DISTRIBUTABILITY

     SatTrack is Copyrighted, 1993,1994. Copies of SatTrack and
     DEMO keys may be freely distributed. Registered keys contain
     Users' name, phone number and address.   Public release of

        these keys is not allowed by registration agreement.

1.15   Message from Blazemonger!

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Message from BLAZEMONGER                            by Daniel Barrett %%
%%                                        barrett@gleep.cs.umass.edu %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

BLAZEMONGER INCORPORATED'S statement on CBM situation

   By now, we've all heard the sad news about Commodore. Since the
announcement, we at BLAZEMONGER INCORPORATED have been bombarded with
calls, letters, e-mails, rotten tangerines, dismembered weasel carcasses,
etc., all asking the big question: "What is going to happen next?" Well,
here is some news to dispel all those nasty rumors and set your minds at
ease. Unless you're one of the dweebs who threw the weasels. We've got a
surprise in store for YOU. Heh heh.

   And now, as a public service, BLAZEMONGER INCORPORATED proudly
presents the TRUE ANSWERS to the most pressing questions that have been
rattling around in our tiny little brains for the past few weeks.

Q: Is Commodore dead?
A: According to Ron Nibbly, head of our "Legal Department", Commodore
   has "filed for bankruptcy under Bahamian Law. This is a highly
   technical process which consists mainly of filing several hundred
   legal documents and then drinking oneself into a stupor on a sunny,
   tropical beach." (Hence the term, "voluntary liquidation.") So no,
   Commodore is not dead: it's blind, staggering drunk. Except for the
   Marketing Department, which amazingly is going to turn a profit this
   quarter.

Q: Is somebody going to buy Commodore?
A: Yes, absolutely.

Q: I heard that Samsung is buying (or considering buying) Commodore.
   Is this true?
A: No. This ridiculous story began on USENET because of a network
   glitch. A bunch of people in c.s.a.advocacy were talking about the
   Massachusetts-based Free Software Foundation, the makers of GNU
   software (gcc, emacs, etc.). Somebody's network node hiccupped, and
   the letters of "GNU MASS" got rearranged to spell "SAMSUNG". Yes,
   it's true. Amazing how rumors start, eh?

Q: Oh yeah? Then who is going to buy CBM, Mr. Smarty Pants?
A: We at BLAZEMONGER INC. have direct access to the most up-to-date,
   secret information about the impending purchase of Commodore. Ten
   or fifteen vendors are currently battling it out, and Commodore will
   apparently go to the winner. Nobody knows for sure which vendor
   will emerge victorious, but BLAZEMONGER INCORPORATED is betting on
   "Bob's Bait 'n Tackle." This popular fishing supply store in
   Chickenmilk, Wisconsin, hopes to get the rights to the AAA chipset.
   According to the owner, Bob "Bob" Bob, "them there Super Duper Agnes

chips done make a excellent bait fer catchin' all kinds 'o fish."
If he wins the rights, Bob plans to license the technology to other
vendors if they can successfully answer a 15-question quiz about
mackerel. Anyone wanting more information can write to Bob at
bobbobbob@fishnet.bnt.com.

Q: Where is Irving Gould now?
A: Having recovered from his beachside "liquidation", Irving has
   retired and moved to Skink City, Iowa, where he has opened up a PC
   clone dealership. Reports say he sold 8 computers this month and
   somehow managed to pull in a $1,400,000 salary.

Q: And where is Medhi Ali?
A: We're offering him a job as a punching bag for the "Customer
   Service" department.

Q: And for THAT matter, where is Sue West, our favorite ex-CBMer whose
   bulletins used to grace the comp.sys.amiga.announce newsgroup?
A: After her unfortunate dismissal from CBM during one of the last
   rounds of layoffs, Sue vanished from sight, but we managed to track
   her down. It turns out that as Sue was leaving CBM for the last
   time, she was mistaken for someone else, abducted, and committed to
   the West Chester Home For The Mentally Wacky. Fortunately, we at
   BLAZEMONGER INCORPORATED were able to negotiate with the doctors
   there and get her out. Actually, we just sent a few helpful
   "Customer Service" folks to the Home carrying a big sign that said
   "FOR IMMEDIATE RELEASE."

Q: Will BLAZEMONGER INCORPORATED continue to support the Amiga?
A: Yes, definitely! We will continue bringing you the finest
   ViolentWare (TM) products on the planet... and then some! Next
   week, we'll be releasing BLAZE-MELTDOWN, a new "simulation" type
   game in the spirit of Sim City, Populous, etc., but not like those
   WIMPY TRASH PSEUDO-GAMES. In BLAZE-MELTDOWN, you get to simulate
   the operation of an actual nuclear reactor. The feeling of realism
   is intensified by forcing your computer monitor to emit FIVE
   THOUSAND TIMES its normal amount of RADIATION. We are sure that
   you will have an exciting reaction to this explosive new product.

    Well, I hope this article clears up some of the LIES and
MISINFORMATION floating around the Net. More should become clear as the
weeks go on. And if not, we'll be happy to "clarify" some more. :-)

                                                                Dan

ps: Thanks to Dense from IRC for preening my pet basilisk, "Boinky".

1.16   Files on your harddrive

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Files on your HardDrive                          by  David Tiberio  %%
%%                              dtiberio@libserv1.ic.sunysb.edu %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

Ever wonder what all those files are on your hard drive? A lot of them
don't really do anything but sit there and stare back at you. In fact,
that is what most of them do... and in some cases when you need to use
a file, it will be there for you. But keep in mind that for years,
Amiga users have been using Workbench disks with virtually no files on
them other than the LoadWB command, since most of the important stuff
is located on the Kickstart ROM.

Here are some files on most Workbench disks, with a quick explanation of
what they are there for:

.backdrop   On Workbench 2.0 or greater machines, this tells the
                 Workbench which icons have been dragged out of a
                 drawer and onto the Workbench.

.info   Contains some information about the current directory.

<file>.config   Not set by the Workbench, but used by some third party
                 programs that you may have bought or downloaded, and will
                 contain information that you or the program set to use
                 as a configuration or preference. In other words, it
                 contains custom information that the program will use
                 to set itself on your system.

<file>.datatype This is a type of display driver that works with the
                 Workbench Multiview utility on Workbench 2.1 or greater.
                 Each datatype will support an image format, an audio
                 format, text format, or other multimedia format. This
                 replaces programs such as More, AmigaGuide, WDisplay,
                 etc.

<file>.device   This is a special type of library that is used by
                 programs. This might explain how to produce speech,
                 how to access the serial port, or how to use other
                 types of hardware.

<file>.font   Here we find information about fonts, such as the name
                 of the font and what sizes are available.

<file>.guide   These are hypertext documents that are included with
                 Workbench 2.1 or greater. You can download AmigaGuide
                 from a BBS if you have another Workbench, at least
                 version 1.3. These are often used as help files or
                 online magazines. :)

<file>-handler   This is a type of library that explains how to use
                 things such as the mouse and keyboard, as far as
                 receiving input. It is often used to pass information

around the system.

<file>.info   This is the image used for the icon of a file, along
                with other information such as the stack size and
                parameters to pass to the file, which can be changed
                from the Workbench.

<file>.library This is the collection of commands that allow programs
                to run. These are some of the most frequently used
                commands. Instead of a program containing its own
                commands, it can share libraries with other programs.
                These commands might include math operations like
                sine and cosine, or openning windows and drawing
                lines.

disk.info   This contains the icon for the current partition, floppy
                disk, or hard drive.

kickstart   This files is located on many Amiga 3000 computers. It
                contains the Kickstart ROM on disk. Many Amiga 3000
                computers do not have the ROMs on chips, and load
                them off the hard drive. Without this file, you computer
                may not boot. Some machines have this file and a ROM
                chip because Commodore put the ROM chips in without
                removing it from the hard drives. This was not a bad
                decision, but however it does use 1/2 megabyte of disk
                space. If you know you have the ROM chips on your
                motherboard, you can delete this file. If your computer
                no longer boots, you will have to reinstall the Kickstart
                from the SuperKickstart install disk. Better left alone!

loadwb   This small command loads the Workbench, which is stored
                in the Kickstart ROM. The Loadwb command is stored often
                in the C directory. If you ever have a shell open but the
                Workbench is missing, try typing loadwb.

mountlist   This contains information on the hard drives and floppy
                drives attached to your system, such as the partition
                size. Newer versions of the Workbench and Kickstart do
                not require these files, but in many cases use them for
                RAD: devices and other similar devices.

shell-startup   This script is executed whenever you open a shell or
                CLI. You can change the prompt, or write messages to
                yourself :). Mine sets aliases to make it similar to
                cshell, which is used on UNIX machines.

startup-sequence This is executed whenever you boot your computer. It
                loads all the files it thinks are necessary for you to
                be happy.

user-startup   Here is a type of startup-sequence that you are welcome
                to modify to suit your needs. The startup-sequence, in
                most cases, will execute it while booting.

- AMINET REFERENCES -

```
aguide34.lha          text/hyper 268K AmigaGuide.library-system for OS < 3.0
AmigaFAQ-4856.lha     text/hyper  44K+AmigaFAQ by David Tiberio
amigaguide.lzh        text/hyper 277K+amigaguide development kit v34.3
Hyper.lha             text/hyper  53K*Leads you through AmigaGuide docs
AmigaFAQ210394.lha    docs/misc  249K+Frequently asked questions concerning the  ←
   Amiga
```

As Edward Cayce might say, that is all for the present...

dtiberio@libserv1.ic.sunysb.edu

1.17 AR Contest

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% AR Contest                                          by  David Tiberio  %%
%% Enter and Win!                       dtiberio@libserv1.ic.sunysb.edu %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

- THE PRIZE FOR NEXT MONTH -

    The Amiga Report contest is still going on, and it is not too
late to enter. This ongoing monthly contest allows Amiga Report
readers a chance to win software by either solving a puzzle or by
entering a random drawing.

    The prize this month is the Amiga/Toaster Reference Manual v2.221,
from Area52. This is a 1,000 page help system for the Amiga and Video
Toaster, covering the Workbench, AmigaDOS, Lightwave, and more ($34.95).
    The second prize choice is the FutureShock audio CDROM, which was
produced using Amiga computers by SideWinder. There are some Sidewinder
music modules on Aminet that you may want to look at for a sample of
the audio CD ($12.95).
    Previously we have offered the ARexx Reference Disk by Merrill
Callaway, which was awarded to a previous winner. Contact Whitestone
for more information (505) 268-0678.

    All monthly contests end on the morning of the first of the
following month. Any entries beyond this date will be entered into the
next contest.

- THE MONTHLY DRAWING -

    To enter the random drawing, select a number from 1 to 262,144
and send it to me at one of my addresses listed below, either by
the postal service or email through the Internet.
    Also, you may enter by solving the following puzzle. The winner
of this puzzle will be decided within the same time frame as the
random prize, to allow the contest information to filter through the
networks, and to allow your letters and postcards to come in.

— THE PUZZLE —

    Since people complained that the first contest was too hard, and
that the second was too easy, I made one that anyone can solve with
a little thought. Once you get some of it decoded you will be able
to solve it with ease ::heh heh::!

        Decrypt the following encoded message: 17851 47932

        Each location in the code represents one character in the
    ASCII character set from A to Z. Also provide your method of
    obtaining the answer.

— TO ENTER —

    To enter, simply let your fingers do the talking and write an
email and send it to dtiberio@libserv1.ic.sunysb.edu. You MUST put
the word CONTEST in the subject line of the email header! Otherwise
you run the risk of having your email deleted (don't ask, it is a
long story!) or send a post card or letter to:

    Amiga Report Contest
    c/o David Tiberio
    6 Lodge Lane
    East Setauket, NY 11733

    Is it possible to win via snail mail? You might think that your
chances of winning are better by entering in email (much faster of
course), but last month's winner send in a letter that arrived the
day before his winning number was drawn!

    In your letter or email, please provide the following:

    Your full name and address. Please keep in mind that many of
you may have addresses that I am not accustomed to, so please include
your country or any other information that I would need in case you
win. An email address should also be included, if possible.

   You must also include a brief one sentence overview of the editorial
in this issue of AMiga Report. Just to make sure you are reading it. :)
You must also include the issue number. For example, if you read this in
AR213, then include that in your correspondance. Also, a prize winner
will be determined by a random number generator. Choose a number from
1 to 262,144. The closest winner or winners to the randomly generated
number will receive the prize in the mail. Anyone who does not provide
a number will have one assigned to him randomly.

    All prizes will be mailed within one week after I get my hands on
the published version of AmigaReport. I am doing this for a few reasons.
First, every winner so far has given the correct puzzle solution before
I have received the editon of AmigaReport that announced it. :)
Second, I don't like to go to the post office every day if I can avoid
it. Third, you never know when someone's power supply might blow up
(right Mr. Editor?!).

- RULES AND REGULATIONS -

1. In the evnt that the editor's power supply fries, the contest for
   that month will have its deadline postponed to a later date, to be
   announced. Any contest entries for the random drawing will be added
   to the next month's drawing, to be held once per month near the
   beginning of the month.

2. All prizes are donated. I cannot be held responsible for any damage
   caused by a prize. For example, if you leave your prize on the
   stairs and your grandmother slips on it, I will not pay her medical
   bills.

3. We are not doing this for any profit, and cannot be held responsible
   if we go out of business or are otherwise financially unable to give
   you anything! We are actively looking for submissions from other
   software authors.

4. Good things come to those who read the rules and regulations! Here
   is a tip to help you win: every problem is a trick problem, or gives
   you clues that are not part of the problem itself. Read the whole
   entire contest entry looking for clues. And read my other articles
   for more clues. I give some very obvious clues :).

5. If for any circumstance you are awarded a prize but do not receive
   it, contact me at (516) 476-1615. I will promptly attend to any
   mistakes that have been made.

6. These rules are subject to change at any time without warning!

- THE DISCLAIMER -

   DISCLAIMER: This contest is being provided as a service to the
   Amiga community and all persons involved in running this contest
   cannot be held liable for anything that costs you money or
   lifetime pain and anguish. Rules are subject to change. All entries
   must be received by whenever TBA. Any entries beyond this date
   will be entered into the next contest, if any.

- THE CHANCE YOU WILL WIN -

   Odds of winning are approximately 1:50 for the random drawing and
1:15 for the correct answer to the puzzle, based upon current entries.

   SPECIAL THANKS to SideWinder for donating the Future Shock albums
for inclusion in our contest, along with Merrill Callaway for his ARexx
Reference Disk!

dtiberio@libserv1.ic.sunysb.edu

1.18 Emulation Editor

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%% Emulation Rambler                                    by  Jason  Compton  %%
%% A bit of a slow week...                          jcompton@bbs.xnet.com %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

IMPORTANT! KEEP READING TO SEE A UNIQUE CHANCE TO
HELP THE RAMBLER IN A WAY THAT WOULD BE MUCH APPRECIATED!

Well, let's just say I haven't DONE much, but it's not for lack of trying.

My wonderful friend Katie Nelson just got her Vortex 486SLC2 emulator
board. Unfortunately, we've had nearly zero success getting it up and
running on her 4000...it seems that just about every command we can
give it crashes either just the emulation or the emulation AND the Amiga.
This is not good. We'll work on it, though, and find out how good GMR's
technical support REALLY is. :)

The SX-1 made it out of alpha and beta boards are being built this week.
I'm calling Thursday to confirm the status of mine. When I asked about
the results of the alpha boards, I was told by Jerry at Paravision,
"There's too many damn wires," and that they had a few problems
getting around CD32 design flaws that apparently violate Commodore's
own standards. I'll keep you posted.

My MaxDOS package is shipping now. If I haven't mentioned it, or you
haven't heard of it, it's basically a Macintosh file system for the Amiga,
meaning you can access Mac disks and hard drives as AmigaDOS devices and
files. Not a bad idea, is it? When I get it, I will of course give you
a comprehensive review.

My summation of the Emplant/A-Max review series has met with some
criticism on c.s.a.emulators, particularly from those who feel that I was
too easy on A-Max IV for supporting far less 24-bit video boards than
the Emplant. To that, I say that I gave the evaluation that I felt was
deserved.

I will readily concede that I could have done a more thorough job if
I had 24-bit boards at my disposal, but STILL, no company has
been interested in providing one for review, or at the very least
has actually come through with the goods. I do my best.

Chris Hames has been talking about V3 of his PC-Task IBM
software emulator. No release date has been set yet, but an
important addition will be support for 286 code meaning <drum roll>
you can run Windows 3.1 on it! <cymbal crash>

Finally, V1.1 of Kevin Kralian's moderately controversial Apple 2000
emulator has been released. He still doesn't mention me in the doc
file. :)

Seriously, he claims to have sped up some routines a bit and has
added support for two things:
1. Support for the "generic disk image" format, which is popular on
    Apple II FTP sites.
2. Support for the A1020 5.25 inch drive, included as a separate
    utility written by Ron Menelli, for transferring Apple II disks to a

      usableimage.

Finally, I suppose you're interested in finding out what it was I was
talking about above, in terms of helping me out. Well, I'm in the market
for a new bridgeboard-preferably a Commodore 386sx, but that's
negotiable. My net address should be listed around the magazine,
but for repetition's sake, here's all of my important information-

Jason Compton
1203 Alexander Ave.
Streamwood, IL 60107-3003
jcompton@bbs.xnet.com
Fax: (708) 741-0689.

Thanks for your time. Keep the emulators warm, and sell me a bridgeboard.

1.19 Portal

%%%
%%   Portal: A Great Place For Amiga Users   %%
%%%

                    Portal Communications' Amiga Zone

          The AFFORDABLE alternative for online Amiga information
          ----

The Portal Online System is the home of acclaimed Amiga Zone, which was
formerly on the People/Link System. Plink went out of business in May,
1991 and The Amiga Zone's staff moved to Portal the next day. The Zone has
just celebrated its second anniversary on Portal. The Amiga press raves
about The Amiga Zone, when compared to its competition.

If you live in the San Jose, CA area, then you can dial Portal directly. If
you live elsewhere, you can reach Portal through any SprintNet (formerly
Telenet) indial anywhere in the USA. If you have an account on another
Internet-connected system, you can connect to Portal using the UNIX Telnet
programs, from anywhere in the industrialized world. Delphi and BIX users
can now Telnet into Portal for a flat $19.95 a month, with *unlimited* use.

Some of Portal/Amiga Zone's amazing features include:

  Over 1.5 GIGabytes of Amiga-specific files

  The *entire* Fred Fish collection of freely distributable software, online.

  Fast, Batch Zmodem file transfer protocol. Download up to 100 files at
   once, of any size, with one command.

  Twenty Amiga vendor areas with participants like AmigaWorld, ASDG,
   Soft-Logik, Black Belt, Apex Publishing, Stylus, Prolific, NES.

  35 "regular" Amiga libraries with thousands of files. Hot new
   stuff arrives daily.

No upload/download "ratios" EVER. Download as much as you want, as
 often as you want, and never feel pressued doing it.

Live, interactive nightly chats with Amiga folks whose names you
 will recognize. Special conferences. Random chance prize contests.
 Famous Amiga folks aren't the exception on Portal, they're the norm.

Vast Message bases where you can ask questions about *anything*
 Amiga related and get quick replies from the experts.

Amiga Internet mailing lists for Imagine, DCTV, LightWave, HyperAmi,
 Director and Landscapes are fed right into the Zone message bases.
 Read months worth of postings. They don't scroll off, ever!
 No need to clutter your mailbox with them.

FREE unlimited Internet Email. Your Portal account gets you a
 mailbox that's connected to the world. Send letters of any length to
 computer users in the entire industrialized world. No limits.
 No extra charges. No kidding!

Portal has the Usenet. Thousands of "newsgroups" in which
 you can read and post articles about virtually any subject you can
 possibly imagine.

Other Portal SIGs (Special Interest Groups) online for Mac, IBM, Sun,
 NeXT, UNIX, Science Fiction, Writers, amateur radio, and a graphics
 SIG with thousands of GIF files to name just a few. ALL Portal SIGs
 are accessible to ALL Portal customers with NO surcharges ever.

The entire UPI/Clarinet/Newsbytes news hierarchy ($4/month extra)
 An entire general interest newspaper and computer news magazine.

Portal featues an exciting package of Internet features: IRC, FTP,
 TELNET, MUDS, LIBS. Free to all Portal customers with your account.
 Internet Services is a menu driven version of the same kinds of
 utilities you can also use from your Portal UNIX shell account.

All the files you can FTP. All the chatting you can stand on the IRC.
 And on IRC (Internet Relay Chat) you can talk live, in real time
 with Amiga users in the U.K., Europe, Australia, the Far East,
 24 hours a day.

Our exclusive PortalX by Steve Tibbett, the graphical "front end"
 for Portal which will let you automatically click'n'download your
 waiting email, messages, Usenet groups and binary files! Reply to mail
 and messages offline using your favorite editor and your replies are
 sent automatically the next time you log into Portal.
 (PortalX requires Workbench 2.04 or higher)

And Portal does NOT stick it to high speed modem users. Whether
 you log in at 1200 or 2400 or 9600 or 14.4K you pay the same low
 price.

How does all that sound? Probably too good to be true. Well, it IS true.

Portal Signup or for more information:

```
   408-973-9111 (voice) 9a.m.-5p.m. Mon-Fri, Pacific Time
   408-725-0561 (modem 3/12/2400) 24 hours every day
   408-973-8091 (modem 9600/14400) 24 hours every day

   or enter "C PORTAL" from any Sprintnet dial-in in the USA,
   or telnet to "portal.com" from anywhere.
```

PORTAL'S CURRENT RATES:

All prices shown are in U.S. Dollars

				Total Cost 1 hr. Per month	Total Cost 5 hrs. per month	Total Cost 10 hrs. per month	Total Cost 30 hrs. per month
	Startup Fee $	Monthly Fee $	Fee Per Hour $	$	$	$	$
Portal	19.95	19.95					
2400/9600/14.4Kbps, *direct 24 hrs			0.00	19.95	19.95	19.95	19.95
2400/9600bps nonprime Sprint			2.50	22.95	32.45	44.95	94.95
2400/9600bps prime Sprint +%			5.50-10	29.95	69.95	119.95	varies
2400/9600bps non prime # PCPursuit			1.00	20.95	24.95	29.95	49.95

```
* plus cost of phone call if out of Portal's local dialing area
  Direct rates also apply to connections made to Portal using the
  UNIX "telnet" program from an account you may already
  have on an Internet-connected system.
% 9600 bps Sprintnet in over 300 cities areas
+ $10 rate prevails at smaller US Cities
# PCPursuit is a service of US Sprint. Portal is a PCPursuit
 "Direct Access Facility" thus connection to Portal with a PCP account
 is simply a matter of entering C PORTAL,PCP-ID,PCP-PASSWORD  at the
 SprintNet login prompt instead of C PORTAL.
```

Note:

    Portal Direct 9600/14400 bps service is availble for both USR HST
    modems, and any V32/V32.bis modems. There are dozens of direct-dial
    high speed lines into Portal. No busy signals!

    SprintNet 9600bps service is V.32 modem protocol only.
    Again, Portal does NOT surcharge high speed modem users!

    Portal subscribers who already have an account on an Internet-capable
    system elsewhere, can use that system's "telnet" program
    to connect to Portal for $0.00 an hour. That's right ZERO. From anywhere
    in the world. If you're in this category, be sure to ask the Portal
    reps, when you signup, how to login to Portal from your existing
    Internet account.

Call and join today. Tell the friendly Portal Customer Service
representative, "The Amiga Zone and Amiga Report sent me!"

[Editor's Note: Be sure to tell them that you are an Amiga user, so
they can notify the AmigaZone sysops to send their Welcome Letter and
other information!]

That number again: 408-973-9111.

Portal Communications accepts MasterCard, Visa, or you can pre-pay any
amount by personal check or money order. The Portal Online System is
a trademark of Portal Communications.

1.20 Dealer Directory

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                          Dealer Directory                         %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```


                         Almathera Systems Ltd
                           Southerton House
                         Boundary Business Court
                           92-94 Church Road
                            Mitcham, Surrey
                           CR4 3TD England
                        VOICE: (UK) 081 687 0040
                        FAX: (UK) 081 687 0490
                Internet: (Sales) almathera@cix.compulink.co.uk
                      (Technical) jralph@cix.compulink.co.uk

                         Amigability Computers
                             P.O. Box 572
                         Plantsville, CT 06479
                          VOICE: 203-276-8175
                        Internet: amiga@phantm.UUCP
                             BIX: jbasile
                (Send E-mail to subscribe to our mailing list)

                          Apogee Technologies
                         1851 University Parkway
                           Sarasota, FL 34243
                          VOICE: 813-355-6121
                             Portal: Apogee
                        Internet: Apogee@cup.portal.com

                          Armadillo Brothers
                           753 East 3300 South
                          Salt Lake City, Utah
                          VOICE: 801-484-2791
                        Internet: B.GRAY@genie.geis.com

                          Atlantis Kobetek Inc.
                          1496 Lower Water St.
                        Halifax, NS, Canada, B3J 1R9

```
                    Phone:   (902)-422-6556
                    Fax:     (902)-423-9339
                    BBS:     (902)-492-1544
                Internet:  aperusse@fox.nstn.ns.ca



                    Brian Fowler Computers Ltd
                         11 North St
                           Exeter
                            Devon
                           EX4 3QS
                       United Kingdom
                    Voice: (0392) 499 755
                    Fax:   (0392) 423 480
                Internet:  brian_fowler@cix.compulink.co.uk



                    CLICK! Amiga Specialists N.V.
                       Boomsesteenweg 468
                    B-2610 Wilrijk - Antwerpen
                        Belgium - Europe
                    VOICE:  03 / 828.18.15
                      FAX:  03 / 828.67.36
                USENET:  vanhoutv@click.augfl.be
                        FIDO:  2:292/603.9
                    AmigaNet:  39:120/102.9



                    Comspec Communications Inc
             Serving your computing needs since 1976
                        74 Wingold Ave
                       Toronto, Ontario
                       Canada    M6B 1P5
                Computer Centre:    (416) 785-8348
        Service, Corporate & Educational Sales: (416) 785-3553
                    Fax:  416-785-3668
                Internet:  bryanf@comcorp.comspec.com
                        bryanf@accesspt.north.net



                    Computers International, Inc.
                       5415 Hixson Pike
                    Chattanooga, TN  37343
                     VOICE:  615-843-0630



                        DataKompaniet ANS
                        Pb 3187  Munkvoll
                        N-7002  Trondheim
                        Norway - Europe
                    VOICE/FAX:  72 555 149
                Internet:  torrunes@idt.unit.no



                         Digital Arts
                       122 West 6th Street
                     Bloomington, IN  47404
```

```
                      VOICE:  (812)330-0124
                      FAX:    (812)330-0126
                        BIX:  msears



                     Finetastic Computers
                     721 Washington Street
                      Norwood, MA  02062
                     VOICE:  617-762-4166
                       BBS:  617-769-3172
                      Fido:  1:101/322
                    Portal:  FinetasticComputers
           Internet:  FinetasticComputers@cup.portal.com



                        HT Electronics
                   275 North Mathilda Avenue
                     Sunnyvale, CA  94086
                     VOICE:  408-737-0900
                      FAX:    408-245-3109
                     Portal:  HT Electronics
             Internet:  HT Electronics@cup.portal.com



                     Industrial Video, Inc.
                     1601 North Ridge Rd.
                       Lorain, OH  44055
                     VOICE:  800-362-6150
                             216-233-4000
             Internet:  af741@cleveland.freenet.edu
                      Contact:  John Gray



                         MicroSearch
                  9000 US 59 South, Suite 330
                        Houston, Texas
                     VOICE:  713-988-2818
                      FAX:    713-995-4994



                  Mr. Hardware Computers
                        P.O. Box 148
                       59 Storey Ave.
                   Central Islip, NY 11722
                   VOICE:  516-234-8110
                     FAX:  516-234-8110
                  A.M.U.G. BBS:  516-234-6046



             MusicMart:  Media Sound & Vision
                     71 Wellington Road
                   London, Ontario, Canada
                    VOICE:  519-434-4162
                      FAX:  519-663-8074
                      BBS:  519-457-2986
                     FIDO:  1:221/125
                   AmigaNet:  40:550/1
```

```
                    MaxNet:  90:204/1
                 iNET: koops@gaul.csd.uwo.ca



                    PSI Animations
                 17924 SW Pilkington Road
                 Lake Oswego, OR  97035
                    VOICE:  503-624-8185
              Internet:  PSIANIM@agora.rain.com



                 Software Plus Chicago
                 3100 W Peterson Avenue
                    Chicago, Illinois
                    VOICE:  312-338-6100



                 Wonder Computers Inc.
                    1315 Richmond Rd.
              Ottawa, Ontario, Canada K2B 8J7
                    Voice:  613-596-2542
                    Fax:    613-596-9349
                    BBS:    613-829-0909



                       CYNOSTIC
                      Office O1,
             Little Heath Industrial Estate,
                    Old Church Road,
                       Coventry.
                        CV6 7NB
                    UNITED KINGDOM
                 Tel: +44 (0)203 681687
                 Fax: +44 (0)203 638508
           David Cassidy email: bsupa@csv.warwick.ac.uk



                    DataService Oy
                     P.O. Box 50
                   Kuurinniityntie 30
                      02771 ESPOO
                    Findland, Europe
                 Voice: +358 (9) 400 438 301
                 Fax:   +358 (9) 0505 0037



                    PROTONIC INC.
                    Amiga RuleZ!
                    4-3-11 Shinbashi
                    Yanagi Bldg 4F
                   Minato-ku,Tokyo 105
                        Japan
                 Tel:+81 (0)3 5402-7425
                 Fax:+81 (0)3 5402-7427
              and of course the BEST Amiga BBS in Japan
      BBS:Grey Matter BBS +81 (0)3 5709-1907 (8N1 V32bis 24H )
                 Email: nighty@gmatter.twics.com
```

```
                            Amiga Video Solutions
                            1568 Randolph Avenue
                             St. Paul, MN  55105
                            Voice:  612-698-1175
                            BBS:    612-698-1918
                            Fax:    612-224-3823
                       Net:  wohno001@maroon.tc.umn.edu

                                 Magic Page
                              3043 Luther Street
                            Winston-Salem, NC 27127
                             910-785-3695 voice/fax
                              Spiff@cup.portal.com

                                 Keizer Tech
                               3881 River Rd N
                              Keizer, OR 97303
                                     USA
                              Voice: 393-5472


             (Dealers:  To have your name added, please send Email!)
```

1.21 BIX

```
/// BIX - Byte Information Exchange               Lots of information!
    -----------------------------
```

BIX is the premier online service for computing professionals and enthusiasts.
While other online services cater to computer novices, BIX is the place for
knowledgeable people to go for answers to tough questions. You're likely
to find many others in similar situations who can offer advice, give
technical assistance, or point you in the right direction.


```
                        *** FULL INTERNET ACCESS! ***
```

BIX features access to the Internet - you can use FTP to transfer
files from sites all over the world, telnet to log on to other online
services, schools, and research sites, and send Internet mail to millions
of people at services like DELPHI, CompuServe, America Online, MCI Mail,
and other sites and services. Services like "WHOIS" and "Finger" are
also available, with more features on the way (like USENET newsgroups;
our newsreader is currently being tested and should be available very
soon!) There are no usage fees or special charges for Internet access -
it's all part of your BIX subscription.


```
                        ==============================
                        Rates and Connect Information:
                        ==============================
```

BIX membership costs $13 per month, plus connect time. There are several
different ways to connect:

```
SprintNet*               $3/hour evenings/weekends    $9/hour weekdays
Tymnet:**                $3/hour evenings/weekends    $9/hour weekdays
(SprintNet and Tyment rates shown are for 48 contiguous US states only.)


Tymnet Canada:           $4/hr eves/wkends               $9/hour weekdays
Tymnet Hawaii:           $10/hr eves/wkends              $20/hour weekdays
Telnet(via Internet):    $1/hour, round the clock
Direct dial (Boston):    $2/hour, round the clock (up to 9600 bps)
```

 * SprintNet daytime hours are from 6am to 7pm, M-F, ET.
** Tymnet daytime hours are from 7am to 6pm, M-F, ET.

                  20/20 PLAN OPTION (for USA-48 users only):

Volume users can choose the 20/20 Advantage Plan, which is $20 per month
and includes the first 20 hours of access by any combination of methods
from the contiguous United States. Additional use is $1.80 per hour
(additional use for telnet access is $1 an hour). The 20/20 Plan's cost is
in addition to the $13 monthly fee.

                          INTERNATIONAL USERS:

If you wish to connect internationally through Tymnet or SprintNet,
please contact your local PTT. BIX accepts prepaid international calls,
direct dial, or telnet connections. In order to make a "collect" (not
prepaid) call to BIX, your account must be verified before the charges
are accepted. When you complete the registration, we'll mail you a BIX
Membership Agreement by regular US Mail. Whe you receive it, sign it
and return it to us by mail. When we receive it here, we'll authorize
your account to make reverse charged calls.

If you want to access BIX right away, contact your local PTT to set up a
prepaid account. You'll pay your local carrier for your calls to BIX in
advance, so there's no waiting period or verfication needed. Or, connect
at BIX via telnet to x25.bix.com.

SprintNet international calls from most locations are $24 an hour.
Tymnet international charges vary, but are generally between $20-$30 an hour.

                    ====================
                    Billing Information:
                    ====================

You can charge your monthly BIX membership fees to your Visa,
Mastercard, Discover, or American Express card.

You may have your company invoiced for one or more BIX memberships with
a BIX Corporate Account.

                    ====================
                    To Sign Up For BIX:

```
                       ===================
```

   Dial by modem 1-800-695-4882 or 617-491-5410 *
   (use 8 data bits, no parity, full duplex)

   Press a few carriage returns until you see the Login:(enter "bix")
   prompt, then type bix

   At the Name? prompt, type bix.amrpt

* Users already on the internet can telnet to x25.bix.com instead.
  At the USERNAME: prompt enter bix, then bix.net at the Name? prompt.
  Once your account is registered, you can connect the same way, except
  at the Name? prompt you'll enter your BIXname and then your password.

Using the above procedure will allow users in the 48 contiguous United
States to take advantage of our special "5 for $5" offer. This offer
lets you use up to 5 hours of evening/weekend time on BIX during the
current calender month (whatever month you sign up in), for $5.
Additional time is $1.80 per hour ($1 per hour for telnet). At the end
of the calender month, you will be placed into our standard rate plan,
at $13 monthly plus connect charges. You may also join the 20/20 Plan
at this time.

If you have other questions, please contact BIX Member Services
at (800) 695-4775; send a fax to BIX at (617) 491-6642; or send Internet
mail to info@bix.com.

BIX Member Services hours are 12pm - 11pm, Monday through Friday, ET.

1.22 YAK v1.58

TITLE

     Yak -- multi-purpose commodity

VERSION

     1.58

AUTHORS

     Gael Marziou and Philippe Bastiani.

     E-mail address: gael@gnlab030.grenoble.hp.com

DESCRIPTION

     Yak stands for "Yet Another Kommodity" (never was any good at
     spelling), and is a mouse/window manipulation program along the
     same lines as DMouse, KCommodity and lets you activating screens
     and windows, inserting localized date. It offers more than the
```

AutoPoint Commodore standard commodity and it's only 30 Kb long!

FEATURES

A lot! Among them : AutoActivation of windows, extensible hotkey
system (like FKey's) with a lot of different actions

NEW FEATURES

This is an update to Yak 1.57, it fixes 5 bugs and introduce some
new features :

* Now when alt key is pressed, Yak doesn't blank the mouse
  so that accessing menus via keyboard is easier.
* Now compilable with both SAS C 6.51 and with DICE !
* Black border for screens (available only in 3.0+).
* New layout of the GUI.
* Palette title localized.
* Screen patterns now use screens default titles instead of
  current screen title. It makes easier writing patterns for
  screens such as workbench or BrowserII ones.
* New hotkey to set default public screen.
* New way to automatically define a hotkey by hitting it.
* Now Yak can open only one palette per screen.
* Added danish catalog, installation script and doc.
* Added a toggle to blank mouse or not on key pressed.

SPECIAL REQUIREMENTS

OS release 2.04 or newer is required; Yak has been tested with
OS releases through 3.0.
Distribution is archived with lha so program to un-archive them
is needed.
Amigaguide or Multiview is required to read documentation.

HOST NAME

Software has been uploaded to the Aminet Site:

ftp.wustl.edu      128.252.135.4   pub/aminet/

and will be readily available on other Aminet sites.

DIRECTORY

/pub/aminet/util/cdity

FILE NAME

yak158.lha    : main archive.
yak158src.lha : source archive only interesting
                for programmers.

PRICE

```
      There is no charge for use of this software.
```

DISTRIBUTABILITY

```
      Freely distributable as long as the contents of the archive
      are kept intact.
```

OTHER
```
      E-mail address for bug reports and fixes:
      gael@gnlab030.grenoble.hp.com
```


```
Gael
gael@gnlab030.grenoble.hp.com
```


1.23 FGP2 v2.02

TITLE

```
      FGP2
```

VERSION

```
      2.02
```

AUTHOR

```
      Simon Austin (austins@sol2.uel.ac.uk)
```

DESCRIPTION

```
      At the start of this Formula One season Autosport magazine
      started running a Fantasy Grand Prix competition.  FGP2 is a
      program which allows you to avoid working out how many places
      your driver gained on his grid position and shows how many points
      Rubens Barrichello scored by coming in third.  FGP2 has a simple
      command line interface and takes most of its input in the form of
      human-readable ascii files which can be created on any text
      editor.  FGP2 comes complete with enough data files to get you up
      to date (currently the Monaco Grand Prix), full instructions and
      rules.  As of this release FGP2 2.02 can cope with up to 50
      fantasy teams and contains details for all the drivers who have
      driven in this season.
```

SPECIAL REQUIREMENTS

```
      None.
```

HOST NAME

```
      Any aminet site e.g. ftp.luth.se (130.240.16.3)
```

DIRECTORY

```
      /pub/aminet/game/misc
```

FILE NAMES

```
fgp202.lha        18511 bytes
fgp202.readme      1919 bytes
```

PRICE

```
free, gratis, nada, nuthin', nowt.
```

DISTRIBUTABILITY

```
Freely distributable.
Program Copyright 1994 Simon Austin.
Results Format Copyright 1994 John Simpson.
```

1.24   DeepSpace v1.2

TITLE

```
DeepSpace
```

VERSION

```
V1.2
```

AUTHOR

```
Todd & Darrell Neumiller
(Darrell Neumiller - neumille@hpspkla.spk.hp.com)
```

DESCRIPTION

```
DeepSpace is a Shell/CLI multi-player, multi-node BBS, space roll
playing game.  Real time fighting, chat and etc.  You can have up to
20 players playing the game at the same time.  Only 10 players are
allowed to play a game in the unregisted version, and up to 100
users after DeepSpace has been registered.  If your BBS can't run
a Shell/CLI door, we have a Paragon door version too.  You can also
play DeepSpace locally from a SHELL while other players are playing
the game at the same time.
```

FEATURES

```
- Documentation is in Amigaguide format.
- Easy to use installation program.
- On-line Editor for players, aliens and planets.
- Up to 50 definable names for Alien races can be used in a game.
```

FUTURE ENHANCEMENTS

```
We haven't finished everything we originally set out to accomplish
with DeepSpace.  Here is a few of our version 2 enhancement ideas.

- If you go through the BlackHole when it's un-stable (and make it
```

through) you will see the planet 'Praxis'. The players will be
able beam to/from the planet. Hostile Mutants, Aliens and on-line
players could be on the planet. Different objects could be obtained
there, Weapons, Crystals, and Better Scanners? ect.. An example
that's being considered: A weapon that can be left at the DeepSpace
port, which could be programmed, via DNA scan, to detonate when a
certain Explorer arrives at the port.
- Gambling at the DeepSpace port. Possibly against other on-line
  players as well.
- The Shap Shifter could be anywhere! Could be selling illegal
  items from planet Praxis? Could end up in jail with no way out,
  or will there be a way out?

DISTRIBUTION

   DeepSpace is shareware. It is freely distributable, as long as
   you distribute all files. Feel free to include it in any public
   domain collections (i.e. fish disks).

REQUIREMENTS

   Workbench 2.0 or higher. You install DeepSpace with its own
   installation program.

RELEASE DATE

   May 10, 1994.

HOST NAME

   Any Aminet server...
   i.e. wuarchive.wustl.edu (128.252.135.4)

DIRECTORY

   comm/bbs

FILE NAME

   DeepSpaceV1_2.lha (SHELL/CLI Version)
   DeepSpacePV1_2.lha (PARAGON Version)

PRICE

   Shareware fee of $20 US.

1.25 SpiroDraw v.04

TITLE

     SpiroDraw04 - Spirograph(tm?) simulator of the spiral-drawing toy.
                    Simple, fun and addictive!

VERSION

This is version 04. Fixes an ugly GADGET message bug and a couple
obscure bugs. Also improved usability of Random and Previous data
functions in the program.

COMPANY

No company, just an AMINET upload by "yours truly".

AUTHOR

SpiroDraw04 was written by me, Chuck Kenney. My particulars
(address, etc.) are included in the user document in the archive.

DESCRIPTION

SpiroDraw04 simulates the Wheels-and-Rings-and-Pens spirograph
drawing toy. Allows the user to specify different parameters for
the "Drawing Wheels, Drawing Rings", etc. The use of a computer
to generate the SpiroDraw designs actually enhances some of the
capabilities! SpiroDraw04 is mouse-driven (MENUs, GADGETs, etc.)
and provides an easy way to create one's own 'eye-candy'. It is
fun _and_ addictive! SpiroDraw04.lha also contains a very nice
freely distributable "screen-to-IFF" saver utility written by
Preben Nielsen (thanks, Preben) so that SpiroDraw designs can be
imported into "paint" programs. SpiroDraw04 is shareware but does
not nag the user in any way and all features are fully functional.

NEW FEATURES

The user now has the ability in SpiroDraw04 to interrupt a
SpiroDraw design-in-progress with a Left Mouse Button click.

Moved the "Random" and "Last" (previous) data functions from
MENUs to the "Set Data..." user-input window so the user could
get immediate viual feedback on the "new" parameters that are
set by these two functions.

SPECIAL REQUIREMENTS

There are no special requirements that I know of.
SpiroDraw03 has been tested on an A2000HD (OS 2.1)
and an A1000 (OS 1.3).

HOST NAME

SpiroDraw04.lha has just been uploaded to the AMINET site,
ftp.etsu.edu (192.43.199.20) and should soon be available on
all AMINET mirrors.

DIRECTORY

aminet/gfx/misc/SpiroDraw04.lha

FILE NAMES

SpiroDraw04.lha is 57,195 bytes long.

PRICE

       The asking shareware price is the amount sent to me by my first
       sharware contributor (Thanks go to Bill from Glendale, AZ!).
       This requested shareware fee is $5.00 (US).

DISTRIBUTABILITY

       This program is freely distributable but is a copyrighted (1994)
       shareware program by me, Chuck Kenney.

OTHER

       SpiroDraw04, and other programs in progress are coming out of my
       basement as a result of the availability of a truly wonderful
       "BASIC-but-much-more!" compiler, "ACE" by David Benn. I would
       like to sincerely thank Mr. Benn for renewing my enthusiasm in
       programming and for making it possible for me to make my programs
       available to more than just my friends and immediately family!

1.26   EAGUI.library v2.2

TITLE

       EAGUI.library

VERSION

       2.2

AUTHOR

       Marcel Offermans
           2:281/614.1@fidonet
           marcel@dutw30.tudelft.nl

       Frank Groen
           < hasn't got access to e-mail at the moment >

DESCRIPTION

The Environment Adaptive Graphic User Interface (EAGUI) is a system
which allows you to build interfaces that, as the name suggests, adapt
to the environment they're run in. It uses normal GadTools and BOOPSI
gadgets, and does not modify them in any way. This allows programmers to
implement EAGUI in existing applications easily.

SPECIAL REQUIREMENTS

EAGUI needs at least Release 2 of the AmigaOS, and is Release 3 aware.

HOST NAME

       Available on AmiNet
       ftp.uni-paderborn.de (131.234.2.32)

DIRECTORY

    /pub/aminet/dev/gui

FILE NAMES

    EAGUI22.lha (42121 bytes)

DISTRIBUTABILITY

Copyright (C) 1993, 1994 Marcel Offermans and Frank Groen. You may
distribute this package for free only if you don't make any money out of
it yourself. If you do, or use it in a ShareWare or Commercial program,
you must contact us first for a license.

OTHER

The archive can also be freq'ed from The Amiga Developers Domain (TADD)
at (2:281/614@fidonet). Using the magic filename EAGUI always gets you
the latest available version. You can reach TADD at +31-15-157954 or
alternatively +31-15-144825.

1.27 Part and Particle Demo v1.0

TITLE:
    Part And Particle

VERSION:
    1.0

COMPANY:
    Strawberry Graphix
    4820 Clairemont Mesa Blvd. #5
    San Diego, CA. 92117
    (619) 573-0285

AUTHOR:
    Carmen Rizzolo

DESCRIPTION:
        Part And Particle is a 2D Particle system for OpalPaint v2.3
    or higher. A Particle system is a "system" or program for
    controlling goups of many objects (Sparks, rain, etc.). Part And
    Particle is an arexx script that controlls OpalPaint. It
    features:

    * Easy to use interface
    * Particles as series of brushes. Brushes can be animated to
      act like "anim brushes"
    * Lens-Flare
    * Particle motion can be influenced by: Gravity, Wind/Whirlwind,
      Aimless wandering, Wiggle, Screen Borders, Motion of particle
      source.
    * Particles can eminate from a movable coordinate in your

```
      animation, or any side of the screen.
    * Particles can chase a movable coordinate in your animation.

SPECIAL REQUIREMENTS:
        Part And Particle requires:
    * The OpalVision main board
    * OpalPaint v2.3 or higher [Available on OpalBBS (310)787-4541
      or Aminet]
    * At LEASE 5 megs of RAM
    * Arexx
    * Hard Drive

HOST NAME:
    Aminet (wuarchive.wustl.edu).

DIRECTORY:
    pub/aminet/gfx/boards

FILE NAMES:
    There are two demo files for Part And Particle.
    PAP-DEMO.LHA is a 32 colour animation.
    PAP-PIC.LHA is a 24-bit IFF still from the animation.

PRICE:
    $99.00

DISTRIBUTABILITY:
    Part And Particle is copyright 1994 Carmen Rizzolo.  Part And
    Particle is commercial and may not be distributed freely.  The
    demo files, however, are free to distribute.

Carmen Rizzolo - Crazed Artist
CarmenR@cup.portal.com
```

1.28 In Closing

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%                           _   _   __  ___   _                      %%
%%                          /\  |\   /| || //  \  /\                  %%
%%                         /  \ | \ /|| ||(< __  /  \                 %%
%%                        /--- \|  \/ || || \_||/--- \                %%
%%                       /_____\             %%
%%                      /                               \            %%
%%            Amiga Report International Online Magazine       %%
%%                 June 3, 1994  ~ Issue No. 2.18              %%
%%              Copyright  1994 SkyNet Publications           %%
%%                     All Rights Reserved                    %%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

mission. However, translation into a language other than English is accept-
ble, provided the original meaning is not altered. Amiga Report may be dis-
tributed on privately owned not-for-profit bulletin board systems (fees to
cover cost of operation are acceptable), and major online services such as
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disks requires written permission from the editor or publisher. Amiga
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the editors may be reprinted, in whole or in part, without any previous
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not to be reprinted.

%%%

1.29 Columns and Features

```
  From the Editor's Desk    Saying it like it is!
        Amiga News          News and Announcements
       Reader Mail          The readers speak!
    compt.sys.amiga         More reflections.
 Disk Port Amiga NetWorks   Connecting your Amiga
     UseNet Review          SatTrack v4.1
 Message from BLAZEMONGER   Answers to your questions!
 Files on Your HardDrive    Should I delete those?
       AR Contest!          Enter and win!!
     Emulation Editor       A bit of a slow week...
```

1.30 About Amiga Report

```
 For Starters   Where to get AMIGA REPORT
   AR Staff     The Editors
  In Closing    Copyright Information
```

1.31 The Editors

Feel free to contact any of the editors!

```
  Robert Niles   The Editor-in-chief
 Jason Compton   The Emulation Editor
  Jesper Juul    The European Editor
 David Tiberio   Contributing Editor
```

1.32 Commercial Online Services

```
  Delphi      Getting better all the time!
  Portal      A great place for Amiga users...
 InterNet     Subscribe to the AR Mailing List
   BIX        For Serious Programmers and Developers
```

1.33 Files Available for FTP

```
      YAK v1.58           Multi-purpose commodity
     FGP2 v2.02           Fantasy Grand Prix
   DeepSpace v1.2         Multi-player/bbs Space RPG
   SpiroDraw v.04         Spiral-draw toy emulator
  EAGUI.library v2.2      Enviroment Adaptive GUI
 Part & Particle Demo v1.0  2D particle system for OpalPaint
```

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
The most downloaded files from wustl.edu during the week until 30-May-94
Most popular file on top.


File                   Dir         Size Description
------------------     ---         ---- -----------
ar216.lha              docs/mags    59K+Amiga Report 2.16, 20-May-94
ar217.lha              docs/mags   128K+Amiga Report 2.17, 27-May-94
orkattack.lha          game/misc   305K+Drop rocks on heads. Brilliant!!
Pearl.Doomed.lha       demo/euro   348K+New PEARL demo,full scr. wolf on A500!
sbz.lha                game/misc   339K+Super Battle Zone - 3D game written in Amo
FMath403.lha           util/libs    18K+Speed improvement for math libraries
FORSAL.jpg             pix/misc     50K+Picture of the for-sale sign in from of C=
tbc22.lha              util/wb      34K+Stylish WB2.0/3.0(AGA) Digital Clock
AmiCDROM-1.11.lha      disk/cdrom  186K+CDROM disk filesystem (ISO-9660+RR+HFS)
adt.c                  misc/unix    75K+Aminet frontend, V1.9 for beta testers


~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

1.34 NOVA

```
                     * NOVA BBS *
           Official Amiga Report Distribution Site
        Support BBS of The Chattanooga Amiga Users Group
                 * Running MEBBSNet BBS *
               Wayne Stonecipher, Sysop
        AmigaNet 40:210/10.0  40:210/1.0  40:210/0.0
                 FidoNet  1:362/508.0
           An Amiga Software Distribution Site (ADS)
           615-472-9748  USR DS 16.8  24hrs - 7 days
                  Cleveland, Tennessee



           All AR back issues are kept online.
      All new users receive access to the AR on the first call.
         Any AR issue may be file requested with proper name.
```

                    To obtain the current issue you may FReq
                       Proper name, AR.LHA or simply AR

1.35   In The MeanTime

                        * IN THE MEANTIME BBS *
                  Official Amiga Report Distribution Site
                          * Running AXShell *
                          Robert Niles, Sysop
                          rniles@imtired.itm.com
             509-248-5645 Supra V.32bis 24hrs - 7 days
                          Yakima, Washington

                      ******* Notice *******

Those who call for the latest edition of Amiga Report, and who do not with
to establish an account, at the first login: prompt type "bbs", at the
second login: prompt type "guest".

Once in type "ARMAG" (without the quotes) at any prompt.

1.36   PIONEERS BBS

                          * PIONEERS BBS *
                      ** A PREMIER GENEALOGY BBS **
             ** WEST COAST - Amiga Virus Busters Support BBS **
                      ** CD32 REVIEW Support BBS **
                               AND NOW
                  Official Amiga Report Distribution Site
                        * Running EXCELSIOR! BBS *
                    Michael & Marthe Arends, Sysops
                          FidoNet: 1:343/54.0
              206-775-7983 Supra 14.4k v32.bis 24hrs - 7 days
                          EDMONDS, Washington

 New users can call and get ANY copy of Amiga Report. Just call using
 the Name "Long Distance" and the password "Longdistance"(without the
 quotes of course). Users using this account will have full access to
 ALL past and present issues of AMIGA REPORT starting with the premier
 issue. The latest issue of Amiga Report can be Freq'ed (FileREQusted)
 from here as "AR.LHA", Freq's are valid at ANY time.

1.37   Biosmatica

                        * BIOSMATICA BBS *
            Official Amiga Report Distribution Site -- Portugal
                  * Running Excelsior/Trapdoor/UUCP *
                          Celso Martinho, Sysop

```
                         FidoNet  2:361/9
              +351-34-382320  V.32bis  24hrs - 7 days
```

1.38 Amiga Junction 9

```
                      * AMIGA JUNCTION 9 *
       Official Amiga Report Distribution Site -- United Kingdom
                   * Running DLG Professional *
                    Stephen Anderson, Sysop
               Sysop Email:  sysadmin@junct9.royle.org


   Line 1  +44 (0)372 271000  14400  V.32bis/HST   FidoNet 2:440/20
   Line 2  +44 (0)372 278000  14400  V.32bis only  FidoNet 2:440/21
   Line 3  +44 (0)372 279000  2400   V.42bis/MNP

   Voice: +44 (0)956 348405  (24hrs)  Direct Sysop Voice Line


               Internet:  user_name@junct9.royle.org


      Special Interest Areas: - Bjork / Sugarcubes Fan Club
                              - Research of Lucid Dreaming
```

1.39 BitStream BBS

```
                      * BITSTREAM BBS *
           The BBS of the Nelson (NZ) Amiga Users Group
              Official Amiga Report Distribution Site
                   * Running Xenolink 1.0 Z.3 *
                      Glen Roberts, Sysop
                      FidoNet 3:771/850
          +64 3 5485321  Supra V.32bis  24hrs - 7 days
                     Nelson, New Zealand
```

1.40 Realm of Twilight

```
                    * REALM OF TWILIGHT BBS *
        Official Amiga Report Distribution Site -- Canada
               * Running Excelsior! BBS *
               Thorsten Schiller, Sysop
           Usenet: realm.tdkcs.waterloo.on.ca
           UUCP:   ...!uunet.ca!tdkcs!realm
                   FIDO: 1:221/302
                   Fish: 33:33/8
                    24hrs - 7 days
                519-748-9365  (2400 baud)
                519-748-9026  (v.32bis)
                     Ontario, Canada
```

```
    Hardware: Amiga 3000, 105 Meg Quantum, 213 Meg Maxtor, 5 megs RAM
```

1.41   Metnet Triangle

```
                    METNET TRIANGLE SYSTEM
            Official Amiga Report Distribution Site
                    UK Support for Mebbsnet
              * Running Mebbsnet and Starnet 1.02a *
                      Jon Witty, Sysop
                   FIDO:  2:252/129.0
                     24 hrs - 7 days
            Line  1:   44-482-473871  16.8 DS HST
            Lines 2-7: 44-482-442251  2400 (6 lines)
            Line  8:   44-482-491744  2400
            Line  9:   44-482-449028  2400
        Voice helpline  44-482-491752  (anytime)


        Fully animated menus + normal menu sets.
          500 megs HD - Usual software/messages
     Most doors online - Many Sigs - AMIGA AND PC SUPPORT
          Very active userbase and busy conference
      Precious days and MUD online. AMUL support site.
```

1.42   Omaha Amiganet

```
                    * OMAHA AMIGANET *
           Official Amiga Report Distribution Site
               * Running DLG Professional *
                   Andy Wasserman, Sysop
                     24 hrs - 7 days
                    FidoNet:  1:285/11
                    AmigaNet:  40:200/10
            Line 1:  402-333-5110  V.32bis
            Line 2:  402-691-0104  USR DS
                    Omaha, Nebraska
```

1.43   Amiga-Night-System

```
                  * AMIGA-NIGHT-SYSTEM *
      Official Amiga Report Distribution Site - Finland
               * Running DLG Professional *
                   Janne Saarme, Sysop
                     24 hrs - 7 days
             InterNet: luumu@fenix.fipnet.fi
               FidoNet:  2:220/550.0
               +358-0-675840  V.32bis
                    Helsinki, Finland
```

1.44 Ramses Amiga Flying

```
                      * RAMSES THE AMIGA FLYING *
            Official Amiga Report Distribution Site -- France
                     * Running DLG Professional *
                          Eric Delord, Sysop
                       Philippe Brand, Co-Sysop
                      Stephane Legrand, Co-Sysop
                  Internet: user.name@ramses.gna.org
                         Fidonet: 2:320/104
                      +33-1-60037015 USR DS 16.8
                      +33-1-60037713 V.32bis
                      +33-1-60037716 1200-2400
```

Ramses The Amiga Flying BBS is an Amiga-dedicated BBS running DLG-Pro
on a Amiga 3000, 16MB RAM, 2GB Disk space, 3 lines.

We keep a dayly Aminet site mirroring, NetBSD-Amiga complete mirror site
from ftp.eunet.ch (main site), Amiga Report, GNU Amiga, Ramses is the
SAN/ADS/Amiganet French coordinator.

1.45 Gateway BBS

```
                       * THE GATEWAY BBS *
               Official Amiga Report Distribution Site
                    * Running Excelsior! BBS *
                     Stace Cunningham, Sysop
                       Dan Butler, CoSysop
                        24 hrs - 7 days
               InterNet: stace@tecnet1.jcte.jcs.mil
                      FidoNet:  1:3604/60.0
                601-374-2697 Hayes Optina 28.8 V.FC
                       Biloxi, Mississippi
```

1.46 Amiga BBS

```
                        * Amiga BBS *
               Official Amiga Report Distribution Site
                    * Running Excelsior! BBS *
                     Alejandro Kurczyn, Sysop
                        FidoNet  4:975/7
                     First Amiga BBS in Mexico
                    (5) 887-3080   9600 V32,MNP
                     Estado de Mexico,  Mexico
```

1.47   The Stygian Abyss

```
                    * THE STYGIAN ABYSS BBS *
              312-384-0616  14.4 USR Courier HST
              312-384-6250  14.4 Supra V.32 bis (FREQ line)
              312-384-0716  2400 USR Courier


   FIDONet-1:115/384.0    CLink-911:6200/2.0  NWNet-206:310/0.0--206:310/1.0
       PhantomNet Central States Cooridinator-11:2115/0.0--11:2115/1.0
       FaithNet Central States Cooridinator-700:6000/0.0--700:6000/1.0
                 AMINet Chicagoland HUB-559:2/5.0
                        Chicago, Illinois


      Over 4 GIGS of files  I  Over 3700 MODS  I  Over 120 On-Line Games
             Tons of digitized sounds  I  Over 15,000 GIFS
          Supporting:  Amiga  I  IBM  I  Macintosh  I C=64/128
             SIR SAMMY-SysOp     Enter.......If you dare!!
```

1.48   Amiga Do PC BBS

```
                     * AMIGA DO PC BBS *
         Official Amiga Report Distribuition Site - Brazil
                 * Running Excelsior! v 1.18 *


                     +55-192-33-2260
                  Weekdays: 19-07 (-3 GMT)
                    Weekends: 24 hours
                    Fidonet:  4:801/44
                    RBT:      12:1212/1
                    Virinet:  70:101/17


            Internet:  fimoraes@dcc.unicamp.br
                  Francisco Moraes, sysop
                       Campinas, SP


        Freq AREPORT for the newest issue avaiable.
```

1.49   Comm-Link BBS

```
                      * COMM-LINK BBS *
            Official Amiga Report Distribution Site
                  * Running Excelsior Pro *
                  604-945-6192  USR DS 16.8
                      24 hrs - 7 days
                Fido:       1:153/210.0
                AmigaNet    40:800/9100.0
                InterSports: 102:540/305.0
                PussNet:    169:1000/305.0
          InterNet:  steve_hooper@comm.tfbbs.wimsey.com
                     Steve Hooper, Sysop
                  Port Coquitlam, B.C. Canada
```

1.50   Phantom's Lair

```
                    * PHANTOM'S LAIR *
           Official Amiga Report Distribution Site
                  * Running CNET 3.0 *
                  FidoNet:  1:115/469.0
     Phantom Net Cooridinator:  11:1115/0.0-11:1115/1.0
                     708-469-9510
                     708-469-9520
         CD ROMS, Over 15511 Files Online @ 2586 meg
                  Peter Gawron, Sysop
                Glendale Heights, Illinois
```

1.51   Tierra-Miga BBS

```
             Tierra-Miga  BBS
              Software: CNet
              Gib Gilbertson
            24 hours -  7 days
      FidoNet:       1:202/638.0
      AmigaNet:      40:406/3.0
      Internet:      torment.cts.com
      Line #1:       619.292.0754 V32.bis
      City:          San Diego, CA.
```

1.52   Freeland Mainframe

```
               * FREELAND MAINFRAME *
        Offical Amiga Report Distribution Site
             * Running DLG Progessional *
                John Freeland, SysOp
      206-438-1670  Supra 2400zi
      206-438-2273  Telebit WorldBlazer(v.32bis)
      206-456-6013  Supra v.32bis
               24hrs - 7 days
         Internet - freemf.eskimo.com
             Olympia, Washington
```

1.53   LAHO

```
                  * LAHO BBS *
      Official Amiga Report Distribution Site -- Finland
                 * Running MBBS *
                Lenni Uitti, SysOp
          Juha Mäkinen, SysOp (Amiga-areas)
          Tero Manninen, SysOp (PC-areas)
            +358-64-414 1516, V.32bis/HST
            +358-64-414 0400, V.32bis/HST
```

```
                       +358-64-414 6800, V.32/HST
                       +358-64-423 1300, V.32bis
                            Seinäjoki, Finland
```

Our host machine is a 386/33 with 20MB of memory, 1GB harddisk and
a CD-ROM drive running in a Novell network. The BBS software is a
Norwegian origin MBBS running in a DesqView windows.

We have now (26th March 1994) over 10000 files online (mostly for
the Commodore Amiga line of the personal computers.)

Every user has an access to download filelist (LAHOFIL.ZIP), list of the
Finnish 24-hour BBS's (BBSLIST.ZIP or BBSLIST.LHA) and every issue of
the Amiga Report Magazine (AR101.LHA-AR???.LHA) even on their first call.

The system has been running since 1989 and is sponsored by the local
telephone company, Vaasan Läänin Puhelin Oy.

BTW, LAHO stands for "LAtomeren Höyrylaiva Oy" = "Barnsea Steamship Co."

Welcome on board!

1.54 Falling BBS

```
                          * FALLING BBS *
            Official Amiga Report Distribution Site -- Norway
                         * Running ABBS *
                       Christopher Naas, Sysop
               +47 69 256117  V.32bis  24hrs - 7 days
                   EMail:    naasc@cnaas.adsp.sub.org
```

1.55 Command Line BBS

```
                        * COMMAND LINE BBS *
            Official Amiga Report Distribution Site -- Canada
               Canada's Amiga Graphics & Animation Source
                     * Running AmiExpress BBS *
                       Nick Poliwko, Sysop
               416-533-8321  V.32  24hrs - 7 days
                         Toronto, Canada
```

1.56 Leguans Byte Channel

```
                     * LEGUANS BYTE CHANNEL *
            Official Amiga Report Distribution Site -- Germany
                     * Running EazyBBS V2.11 *
                       Andreas Geist, Sysop
               Usenet: andreas@lbcmbx.in-berlin.de
                         24 hrs - 7 days
               Line 1:  49-30-8110060  USR DS 16.8
```

```
                  Line 2:  49-30-8122442  USR DS 16.8

            Login as User: "amiga", Passwd: "report"
```

1.57 Stingray Database BBS

```
                     * STINGRAY  DATABASE *
           Official Amiga Report Distribution Site -- Germany
                     * Running FastCall *
                     Bernd Mienert, Sysop
             EMail: sysop@sting-db.zer.sub.org.dbp.de
               +49 208 496807 HST-Dual 24hrs - 7 days
                     Muelheim/Ruhr, Germany
```

1.58 T.B.P. Video Slate

```
                    * T.B.P. VIDEO SLATE *
             Official Amiga Report Distribution Site
                An Amiga dedicated BBS for All
                   * Running Skyline 1.3.2 *
                   Mark E Davidson, Sysop
                      24 hrs - 7 days
                 201-586-3623  USR 14.4 HST
                    Rockaway, New Jersey


       Full Skypix  menus + normal and ansi menu sets.
        Instant Access to all.  Download on the first call.

   Hardware:  Amiga 500 Tower custom at 14 MHz, 350 Meg maxtor,
       125 Meg SCSI Maxtor, 125 Meg IDE Maxtor, Double Speed CD rom,
                          9 meg RAM
```

1.59 Amiga Central

```
                     * AMIGA CENTRAL! *
             Official Amiga Report Distribution Site
                 CNet Amiga Support Site
                * Running CNet Amiga BBS *
                   Carl Tashian, Sysop
            Internet mail:  root@amicent.raider.net
             615-383-9679  1200-14.4Kbps V.32bis
                    24 hours - 7 days
                   Nashville, Tennessee
```

```
Hardware: Amiga 3000 Tower 68030+882@25MHz, 105 meg Quantum, 225 meg Seagate,
Zoom 14.4k modem
```

1.60   Continental Drift

```
+-------------------------------------------------------------+
   /\
  /  \____           C O N T I N E N T A L   D R I F T   B B S
 /   /    \
::/   /      \::::    Official Amiga Report Distribution Site
::\   \  /\   \:::    Running *DLG Pro* BB/OS Software
:::\   \/  \   \::    Supporting the Amiga 100% Only!
::::\        /   /::
     \    /   /      Sysops: Murray Chaffer & Andre Lackmann
      \  /\  /        FIDO: 3:714/911       PH: +612 949 4256
       \/  \/                                (Sydney, Aust.)
+-------------------------------------------------------------+
```

1.61   Amiga Online Bs Heemstede

```
                    Amiga Online Bs Heemstede

              *   HeadQuarters of Online Products *

      Official Amiga Report Distribution Site -- The Netherlands

                    * Running Xenolink 1.90 *

                  Your SysOp is Michiel Willems

                24 hours a day - 7 days a week

                  Fidonet       : 2:280/464.0
                  DAN Host HQ  : 55:100/1.0
                  Amynet Host  : 39:151/1.0
                  NLA          : 14:102/203.0
                  BOSnet Hub   : 99:999/2.0
                  e-mail SysOp : michiel@aobh.wlink.nl

            Line 1 +31-23-282002 14400 v32bis Supra
            Line 2 +31-23-470739 14400 v32bis Supra

        Heemstede, The Netherlands, Europe, The Earth

                    Very nice menu's
            660 Megs HD online - ALOT of software
          ALOT of messages - VERY fast BBS program
            Point support - Lot's of doors online
      Just freq AR of AR.LHA for the latest issue available
```

The system is running on an Amiga 2000 with a HARMS-Prof-3000 030
turboboard at 29Mhz and a copro at 50Mhz, 7MB RAM, 660 Meg HD space
and soon 1 Gigabyte HD space.

Every issue from Amiga Report Magazine online as far as the first issue.

1.62 Guru Meditation

```
                        * GURU MEDITATION *
          Official Amiga Report Distribution Site -- Spain
                    * Running Remote Access *
                       Javier Frias, SysOp
                        +34-1-383-1317  V.32bis
                       24 hours - 7days
                              Spain
```

1.63 Moonlight Sonata DLG

```
             M O O N L I G H T   S O N A T A   D L G


         * Amiga Report Official Distribution Site *
                 * DAS ModPlayer Support *


              2 Nodes *FREE PUBLIC* Amiga BBS
          MIDI-tunes, MIDI-utils, Modules, Amiga-files
                 Messages, Door-games, MUD...
              Also patches for several synths!
             (About 100MB of ProTracker Modules!)


        Node #1 - +358-18-161763 - ZyXEL V32b 19200
        Node #2 - +358-18-161862 - HST DS V32 14400
                   Fidonet: 2:221/112.0


              Keyboards: Erno Tuomainen


           Amiga3000 25MHz - 1.3Gigs HD
            BBS Software: Dialog Pro BB/OS
```

1.64 LINKSystem LINK-CH1

```
                    LINKSystem LINK-CH1
        Official Amiga Report Distribution Site - Switzerland
           in local newsgroup link-ch1.ml.amiga-report


                Mails and News from/to UseNet


            contact: rleemann@link-ch1.aworld.de


            +41 61 3215643        V32bis/Zyx16800
            +41 61 3832007          ISDN X75/V110
            +41 61 3832008          ISDN X75/V110
```

1.65 Doom of Darkness

```
                           * Doom of Darkness *
                            * Home of AmBoS *
                 Official Amiga Report Distribution Site -- Germany


           Marc Doerre (Marc_Doerre), Sysop (BBS-Owner/AmBoS-Support)
              Bernd Petersen (TGM), Sysop (Amiga-Software-Support)
               Gerhard Luehning (Klaro), Co-Sysop (Aminet-Support)
            Kai Szymanski (Kai), Co-Sysop (AR-Support/AmBoS-Support)


                   Usenet:  user_name@doom.platinum.werries.de
                  Line 1  +49 (0)4223 8355  19200  V.42bis/Zyx
                  Line 2  +49 (0)4223 3256  16800  V.42bis/Zyx
                  Line 3  +49 (0)4223 3313  16800  V.42bis/Zyx
                 Sysop Email:  marc_doerre@doom.platinum.werries.de
```

1.66 RedEye BBS

```
                            REDEYE BBS
                   * Running EXCELSIOR/UUCP/AFAX *
          "Official Amiga Report Distribution Site Germany/Europe"
                        Sysop: Thorsten Meyer
                 Internet: sysop@redeye.greenie.muc.de
                 Line 1: +49-89-5460535 (V.32b, Zyxel EG +)
                 Line 2: +49-89-5460071 (USR Courier V32b terbo)
                          24hrs - 7 days
                          Munich, Germany


             Areas for Amiga, PCs, Lotus Notes Group,
             Amiga Report, Game Byte, Graphic Stuff,
             3D-Exchange, 3D-tools, 3D-objects,
             McAffee, GUS, PAS, DOOM, WINDOWS-NT, OS/2
             Online CD, Online Games, USENET, INTERNET,
             FIDO ECHOS, Developer
```

1.67 Virtual Palace BBS

```
                        * Virtual Palace BBS *

                 * Official Amiga Report Distribution Site *

                            916-343-7420

                        300-14400 Baud  V.42bis
                       AmiExpress 2.40 700 Mbytes

                          P.O. Box 5518
                       Chico, California 95927

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1.68   Where to find Amiga Report

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%%                    Where to find Amiga Report                   %%
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  Click on the button of the BBS nearest you for information on that system.

                         FidoNet Systems

  FREQ the filename "AR.LHA" for the most current issue of Amiga Report!

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       OMAHA AMIGANET        .................................Omaha, Nebraska
            NOVA             ............................Cleveland, Tennessee
        PIONEER'S BBS        .............................Edmonds, Washington
         BIOSMATICA          ......................................Portugal
      AMIGA JUNCTION 9       ................................United Kingdom
       BITSTREAM BBS         ............................Nelson, New Zealand
     REALM OF TWILIGHT       ................................Ontario, Canada
      METNET TRIANGLE        ...................Kingston Upon Hull, England
     AMIGA-NIGHT-SYSTEM      ...............................Helsinki, Finland
 RAMSES THE AMIGA FLYING     ........................................France
        GATEWAY BBS          ............................Biloxi, Mississippi
         AMIGA BBS           .......................Estado de Mexico, Mexico
      THE STYGIAN ABYSS      .................................Chicago, Illinois
       AMIGA DO PC BSS       ..............................Campinas, Brazil
       COMM-LINK BBS         .....................Port Coquitlam, BC, Canada
      PHANTOM'S  LAIR        .....................Glendale Heights, Illinois
      Tierra-Miga BBS        ..................................SanDeigo, Ca
   MOONLIGHT SONATA DLG      ........................................Finland
     CONTINENTAL DRIFT       ............................Sydney, Australia
 Amiga Online Bs Heemstede   ................................The Netherlands
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                         Non-FidoNet Systems

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     IN THE   MEANTIME       ..............................Yakima, Washington
   FREELAND MAINFRAME        .............................Olympia, Washington
          LAHO               ..............................Seinajoki, Finland
         FALLING             .........................................Norway
      COMMAND LINE           .................................Toronto, Canada
   LEGUANS BYTE CHANNEL      ........................................Germany
    STINGRAY DATABASE        .........................Muelheim/Ruhr, Germany
   T.B.P.  VIDEO SLATE       ...........................Rockaway, New Jersey
      AMIGA CENTRAL          ...........................Nashville, Tennessee
     GURU MEDITATION         ..........................................Spain
   LINKSystem LINK-CH1       .............................Basel, Switzerland
    DOOM OF DARKNESS         ...............................Bremen, Germany
       REDEYE BBS            ...............................Munich, Germany
    Virtual Palace BBS       .....................................Chico, Ca
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