

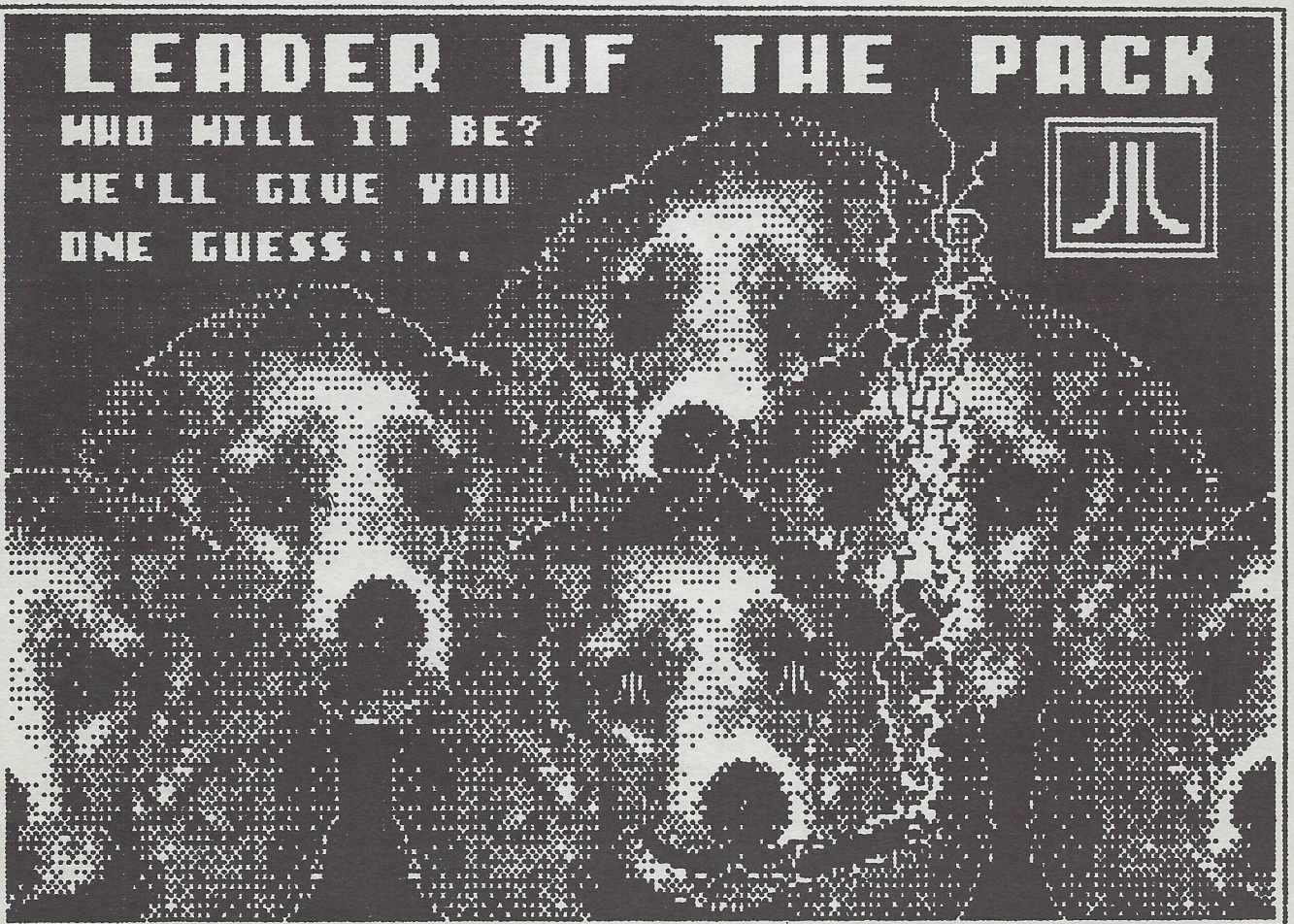
DALLAS ATARI COMPUTER ENTHUSIASTS

VOLUME 6 ISSUE 3

MARCH 1985

LEADER OF THE PACK

WHO WILL IT BE?
WE'LL GIVE YOU
ONE GUESS....



PRESIDENT'S PERSPECTIVE

Well, I said that I would never be president again, but here I am president of DAL-ACE.

I would like to thank the many people who voted for me, and I hope that I, and the new officers, can continue to help DAL-ACE grow and improve over the new year.

Over the next year you will see many changes in the operation of the club, especially at the meeting. We are going back to a full meeting room type of setup with demos and presentations. The biggest news will be the change in times. Please read the newsletter for these changes.

We are hoping to open the small room up for SIG's and classes. The first use of it will be for the INTRODUCTION TO ATARI & DAL-ACE class that we hope to have every month for new comers.

The library is going through a change in the way that you can find the disks that you want. There will be posters setup with all the disk titles on them so you don't have to crowd around the disk sales table.

The biggest news, and the worst, is the newsletter. As most of you know Myron Walters has moved to Atlanta and we are looking for a replacement for the editor. So far no one has volunteered for the job. If a replacement is not found soon, this maybe the last newsletter in this form that you will see. If you would like to serve the club in a needed position, please contact me or the VP of communication ASAP.

NEWS FROM ATARI

As most of you know by now, Atari has announced their new line of personal computers. The entire computer industry is waiting to see if Atari headed by Jack Tramiel can pull it off. For those of you who didn't know, Tramiel is the one who dumped on the market the infamous Commodore 64. He is basing the new computers on the popular 68000 which is a 16 bit processor. The IBM uses the 8088 which is slower and is not a true 16 bit processor. The new line will have graphics which will "blow the socks off" the IBM and even the Macintosh from Apple. The best news of all is the reported price of the two new machines: \$399 for the 130ST and \$599 for the 520ST.

I don't see the new Atari's, or anyone for that matter, cutting to deep into the large market that IBM has, but the new Atari's may cause them to cut prices on the PC's. Apple is another story. I can see Atari turn the

Apples into apple sauce. The MAC at \$2400, no color, and no expansion, will be the first to feel the impact of the new Atari's. Commodore hasn't got a prayer. They are still clinging onto the old 6500 series of processors that the "old" Atari's have.

You want see me shed a tear for any of them that get capsized by the new Atari's.

MY PERSONAL THOUGHTS

The new machines are a quantum leap over the old Atari's that we have now. I'm sure though that the name ATARI is going to hurt the image of it. We, as users of the 130 and 520, can hopefully make a difference. The downfall of the 800's was its image as a "game computer". How many times have you heard that? My feeling are that anyone bringing a game, selling a game, or buying a game for the new Atari's should be tar-and-feathered, and kicked out of the club. Only joking, well maybe.

Gary

HELP WANTED!!!

There are still a few unfilled positions on the Newsletter staff. Please let us know if you'd like to help out. Here's what we need:

EDITOR.. See left.

SIG EDITOR.. Contact SIGs each month to find out about activities and meeting schedule.

Call John Pellet 792-3175 to volunteer for one of these exciting positions. The pay isn't great, but there are a lot of intangible rewards that come from making contributions to the club.

NEWSLETTER SUBMISSIONS

Submissions will be accepted in any form. However, it is extremely helpful if your submission(s) can conform to the following format:

Condensed print.

Column width: 56 characters per column (3 7/16 inches).

Column length: 9 inches (either 6 or 7 lines per inch).

Right margin justification used with text.

Submitted to newsletter both printed out and on disk.

NEWSLETTER PRODUCTION SCHEDULE

APRIL Newsletter: Copy should be turned in to one of the editors above by March 30th. FINAL deadline and production meeting will be April 6th at 1:00 PM at Jim Chaney's house, 916 E. Berkeley in Richardson.

SOFTWARE CLINIC

by Dave Gillen

Ever had a program with a bug that you just couldn't find? Or how about a program that worked fine in the store but does some very odd things now that it's at home? Well, DAL-ACE will once again offer you some relief.

Called the Software Clinic, it's a free consulting service that will be offered at the April meeting. The service will be available after the business meeting.

DETAILS

Here's how it will work. At the April meeting we will set up some "plain vanilla" Atari systems, man them with some fairly knowledgeable folks, and work with you on your software problems.

What you do is to come to us with one of the following:

1. A program with a bug. Please bring it on an Atari DOS 2.0S formatted diskette. A listing would be a good idea, too, but isn't required.
2. A piece of purchased software that doesn't work quite right on your system.
3. A question about a programming concept that puzzles you.

We will work with you on the available systems to try and find the bug, determine if the purchased software is at fault, or illustrate the concept that puzzles you. Like all things in life, this is not a sure thing. We'll give it our best.

RULES OF THE GAME.

Now for some hard and fast rules for this venture.

1. This is FREE!
2. If insufficient interest or "knowledge support" is available, we will not be able to have the clinic.
3. The Software Clinic hours will continue to vary. Stay tuned to your newsletter for the details.
4. The Software Clinic is open to members of DAL-ACE, only!
5. There will be absolutely NO copying of diskettes permitted as part of the Software Clinic. Even though the Software Clinic will have the ability, diskette copying is prohibited to more effectively use the Software Clinicians' time and TO DETER PIRACY.

6. You may use the Software Clinic in a variety of ways: a) Assistance in debugging of code, b) Verification that a package of yours works, c) Illustration of a point that may be confusing to you, or d) Answering of a question. The Software Clinic WILL NOT "test" suspect user hardware. Hardware is a sticky wicket that requires more than we can afford both in time and effort.

7. The Software Clinician has the right to refuse to assist you. This is not as cruel as it may sound. The philosophy of the Software Clinic is to help out you (the neophyte programmer) who has lost your way in the software woods. The Software Clinic will NOT be used by anyone who is trying to get a software product to market and has that "one last bug" to fix. Contractual consulting services are called for there, not the club's freebies.

WHAT WILL THIS TAKE?

I would like to say that I have everything that I need for this project but I don't. In order to make the Software Clinic a successful project I need the following:

1. Between 5 and 10 volunteers. Don't be afraid, step forward. You know more than you think! This project will happen, even if I'm the only one manning the table! It will mean fewer ulcers for me, though, if I get a little help. C'mon, give it a try, what do you have to lose?
2. Computer parts to form some plain vanilla systems. Got a spare 400, 800, 810, or TV set? You don't have to supply a complete system, just label what's yours. We'll make 'em into a complete system.
3. People with problems to be solved! Now, that shouldn't be too hard to find, should it?

If you're able to help out for items 1 or 2, please see me (Dave Gillen) at the meeting or call me at home (my number is on the back of the newsletter).

DIM\$ ERROR!!!

An error has been discovered in the main DIM\$ program published on DALACE Disk #51. Though the effect on the program is minor, it needs to be corrected. To correct it, change all incidents of the variable "AREA\$" at lines 190 and 325 to "A\$". Then re-save the program to the disk. If anyone discovers any additional errors or encounters any problems not cured by this correction, please let me know.

Morris Stephens

*** COMMUNICATIONS COLUMN ***

by John Pellet

If you have questions or comments about anything relating to this column, or DALACE in general, give me a call - my phone number is metro so I hope it's a local call for most of you. Communication is a two way street - one communicator is like one hand clapping.

Here is the latest on the BBS, newsletter, and disk library. First, the good news.

The DALACE BBS is back! Lance Nelson has contributed time, effort, and dollars to make the DALACE board the best in town. For that everyone should give him a great big THANK YOU! I know I do. Lance has started a beginning assembly language course on the board, so if you're interested, check it out.

The DALACE Newsletter is one of the best anywhere - thanks to the efforts of all involved. We have had mostly member-produced articles on a variety of topics - something many user's groups would envy. Moreover, the general format, appearance, and quality are great. If we keep it up, we'll all have reason to be proud.

The DALACE Software Library offers a HUGE variety of public domain programs that any club would be proud to own. It takes constant effort. Just keeping the catalog up-to-date is a major job. The next time you buy a library disk, tell George Rodenheiser and his crew that you appreciate their work - I know I do.

Now for some not-so-good news.

The newsletter I raved about needs a new editor. The contributors, production, and distribution people will do their usual great jobs, but somebody has to be in charge - COULD IT BE YOU? If we don't have an editor then we don't have a newsletter. Not like the one we expect. So why don't some of you Atari enthusiasts call me. The phone call is free.

DALACE needs your participation - EVERYONE! - whatever you are willing to give. Make a contribution not a complaint. PLEASE, get active in YOUR club.

Finally, a question. Do you want a copy of the bylaws we just approved? If so, would you be willing to contribute the infamous SASE (Self Addressed, Stamped Envelope)?

LET ME HEAR FROM YOU - GOOD OR BAD.

FROM THE ADVERTISING MANAGER

Two new vendors are now advertising in our newsletter. When purchasing your computer products, we encourage all of you to give extra consideration to these advertisers and to all other companies who support us through their advertisements, sales, and other methods. If we show them our support, they will continue to support us.

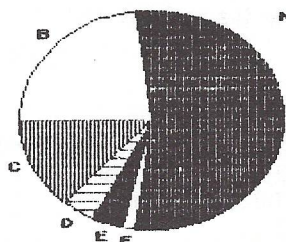
Also, whenever you do business with these companies, please mention that you heard about them through the DAL-ACE NEWSLETTER so that they will know their advertising dollars are well spent and that we are supporting them.

Thank you.

Morris Stephens

DALACE

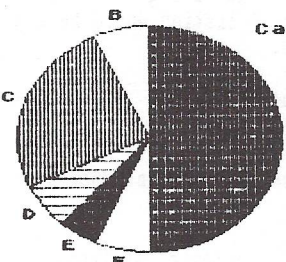
Net Income for 1984



TYPE	PERCENT
Dues	55.74
Mdss	12.34
Rent	14.17
Misc	1.86
Adv	1.48
BBS	4.09

DALACE

Cash Expenses for 1984



TYPE	PERCENT
Printing	56.00
Postage	11.00
Misc	1.00
BBS	1.00
Other	29.00

Treasurer's Report

Here are two B/GRAPH representations of the club's financial activity for the past year. These of course are from the excellent records maintained by Ed Kobus. Graphs make it really easy to see information relationships. For example, did you know that even the reasonable cost of printing our newsletter was more than the rent for our meeting place.

And what about income? Have you paid attention to Ed's reports? Dues of course are the main source of our operating funds. But club disk sales are also important. The disk sales shown are net of the cost of blank disks and copying. There are some really good utilities and games on some of them. Maybe you need to take home a couple today.

I am looking forward to serving as your treasurer. If you have any questions be sure to ask me.

Don Adams

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BOARD ACTIONS

Meeting Date: March 2, 1985
All board members were present.

Below is a brief summary of actions taken. For more information, see Tom Burke, DAL-ACE Secretary or any officer.

* Effective immediately, any member who submits a disk containing at least one program for inclusion in the club library may receive one library disk of his or her choice. This must be claimed at the time of submission. Each submission should meet the following guidelines:

a. In the public domain or include license or permission to reproduce.

b. A brief description of the program, how to load it, required accessories, and general function should be included on the disk.

c. A completed library submission form, blanks available from the Librarian.

* Effective immediately, an Education Committee was established to have overall responsibility for DAL-ACE education activities, including classes. This committee will have at least 3 and no more than 5 members, one of which must be a Board member. Committee activities will include writing and soliciting lesson plans, scheduling classes, and coordinating instructor resources. If you are interested, call Gary Sewell for information.

* Effective with the next meeting, Board meetings will be held the last hour of the regular meeting, in the small room. Members are welcome to attend.

* Effective for the May 11 meeting, the following agenda for the general meeting was adopted:

12:00 to 12:30	NEWSLETTER DISTRIBUTION
	NEW MEMBER REGISTRATION
	GUEST REGISTRATION
	SOCIALIZING
	INTRODUCTION TO ATARI PROGRAM
12:30 to 1:30	BUSINESS MEETING
	LIBRARY DEMONSTRATION
1:30 to 2:00	SPECIAL PROGRAM
2:00 to 4:00	VENDOR SALES
	MEMBER SALES
3:00 to 4:00	BOARD MEETING

* Effective immediately, DAL-ACE address is:
DAL-ACE
P. O. Box 858172
Richardson, Texas 75085-1872

This change is of nominal cost (\$11.00 for 6 months) and should reduce future changes due to personnel changes. This action was discussed during the meeting and approved by telephone poll of a majority of the Board (5 votes "for").

EDITORIAL STAFF

By John Pellet

The Newsletter has several editors, listed below, who will be working as a team so that the newsletter continues to be one of the best in the country. If anyone would like to help in any of these areas, please call for information.

Editor: ??? VACANT ???

The senior editor with overall responsibility for newsletter production.

Art Editor: John Henson, 691-4154.

John will be responsible for the cover art each month. Also, he will help with production and layout questions.

Software Editor: John Pellet, 792-3175.

I will be responsible for writing or obtaining software reviews from members and other newsletters (for reprint).

Hardware Editor: Mark Maxham, 238-5949.

Mark will be writing or obtaining articles and reviews about hardware from members and other newsletters (for reprint).

Programming Editors: Jeff Golden, 252-3268; Dave Gillen, 245-2732.

Jeff and Dave are looking for good articles about programming. Also, they welcome submissions that contain even the briefest of programming tips. Please give Jeff or Dave a call if there's anything you'd like to contribute.

Books and Magazines: Jeff Rush, 238-7372.

Thousands of computer books and magazines are now available, and it's often difficult to know which ones are worth taking a look at. If you'd like to do a review of a particular publication, give Jeff a call.

Production Manager: Jeff Golden, 252-3268.

Jeff will be working with the Editor on production day to help prepare the copy for press. See the submissions section at right for our preferred format, BUT we'll take ANYTHING.

Distribution Managers: Roger and Steve Markeley, 231-6918; Cathy Barros, 368-8499; David Miller, 391-1926.

This committee will be helping with the distribution of the Newsletters at the meeting, and will also be responsible for the mailing. In addition, they will be updating the mailing list of Newsletters which are exchanged with other user groups.

ADVERTISING MANAGER: Morris Stephens, 214-525-6483

Morris has have overall responsibility for avertising in each newsletter. This includes sales of new advertising and collection of revenue and camera-ready copy each month

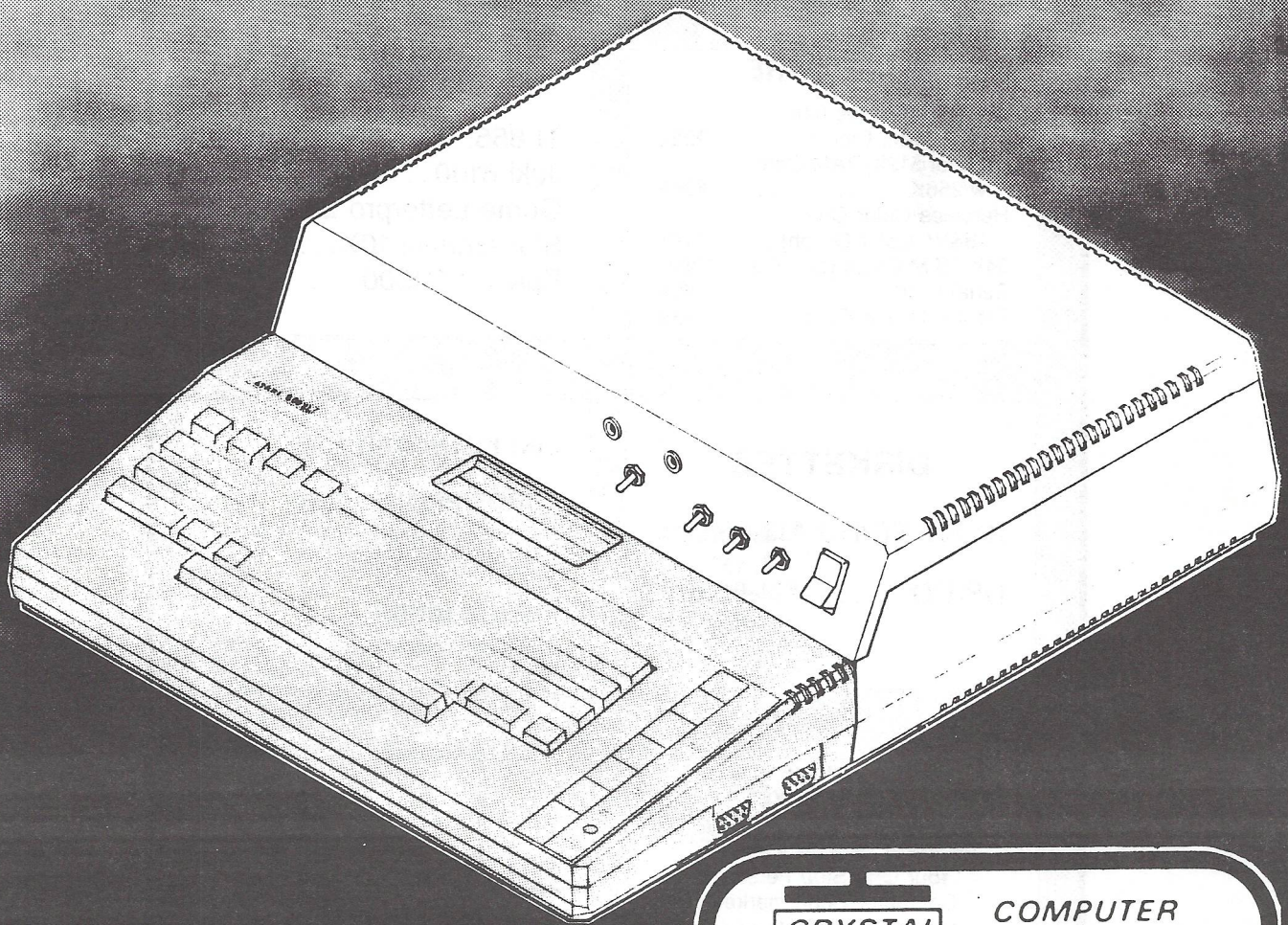
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CMI 15MB Hard Disk
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Shugart 10MB Hard Disk
w/Power Supply (Ext.) \$899

20MB Hard Disk w/Power
Supply (Ext.) \$1099

TEC DSDD (HH Ins.) \$145

Shugart DSDD (HH Ins.) \$155

MODEMS

Hayes Smartmodem
1200 (external) \$399
1200B (internal) \$377

Ventel 1200 Plus
(external & internal) \$339

Anchor Volksmodem
300 baud \$ 62

HARDWARE

AST 6 Pack Plus/64K
(Par., Ser., Clock) \$284

Apparat 512K RAM Card
w/256K \$249

Hercules Color Card
(B&W, Color Graph) \$174

64K RAM Chips (set of 9) . . \$29⁹⁵

Serial Card \$69

Parallel Printer Card \$69

PRINTERS

TI 855 \$809

Juki 6100 \$445

Qume Letterpro 20 . \$445

Star Gemini 10X . . . \$255

Epson LQ1500 . . . \$1159

DISKETTES

X'LNT SS/DD ~~\$12.95~~/box
13.95

DS/DD ~~\$14.95~~/box
15.95

5151 KEYBOARD \$169

SURGE PROTECTION

Diamond (6 outlets) \$33⁹⁰

Emerald (6 outlets w/cord) . . . \$39⁹⁰

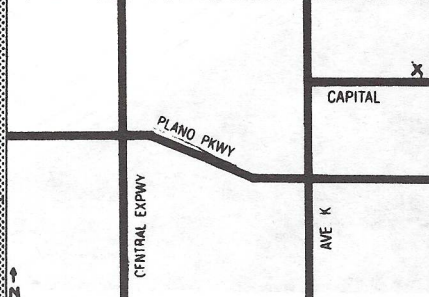
PRINT STANDS

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Candy Is Dandy
And Vice Is Nice
- or -
Upcoming Club Events

By Dave Gillen

Hello again! This is the debut of (yet another) new column. I will be talking about events that will be happening at the DAL-ACE meetings. You should always check this column first to see what we are planning for demonstrations, speakers, clinics, and other broohaha.

Oh by the way, we need your help for many of these things. In the Next Month and Future Topics categories, I need volunteers to demonstrate software and hardware for the themes listed. Please help me! Ever used some package that you thought was the greatest thing since sliced bread? Well, demo it!

If you feel a bit uncomfortable about talking before a group of folks, don't worry! I don't like to do it either and that hasn't stopped me yet! I'll help you out if you help me out. You really do know more than you think!

On with the show.

This Month (23Mar85)

1pm: A demonstration of an Optical Character Reader (this is a device that will read printed text and send the information to your computer). The demo will be held in the small room.

After the business meeting (whenever that ends): A brief demonstration of the newest addition to the club's library.

After the club library disk demonstration: The "grand demo" of the day. This will focus on word processors for the Atari. At press time (like as I'm writing this article), these programs will be demonstrated:

- Hometext
- Letter Perfect
- Wordman
- Writer's Tool

Be sure to ask lots of questions at the demonstrations. After all, this is your club! Finally, a big **THANK YOU** to everyone that gave some time for the demonstrations.

Next Month (19Apr85)
The theme for next month is "Help"!

7pm: A NEW PEOPLE Clinic. If you're new to

DAL-ACE or to computers in general, check this clinic out. We hope to answer some of your deepest questions and clear up some of your darkest fears about that expensive plastic box that you bought. This clinic will be held in the small room.

After the main meeting: The Software Clinic. See an article elsewhere in the newsletter for more information on this fun event. This will be held in the small room. I need lots of help for this activity. If you are interested, give me a call, my number is on the back of the newsletter.

Also after the main meeting: A demonstration of the games "Zone Ranger" and "Gyruss". This demo will be held in the large room.

Future Topics

These themes are in the works for future meetings:

- May, Database Managers
- June, Hardware (purchase, disk cleanup, new products)
- July, Telecommunications

Again, if you have something that you want to see or want to show, please give me a call or collar me at the meeting.

Caveat

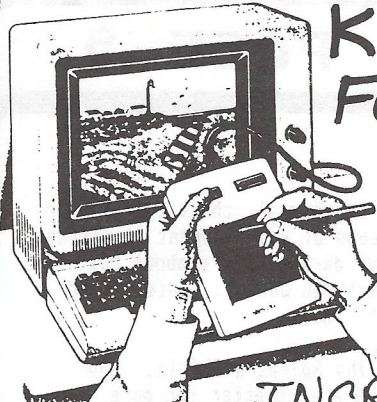
All of the above is subject to change at the last minute without notice (yeah, I know but I had to say it). Always check this column for updates. There may also be a board at the meeting with the "Topics of the Day".

Thanks and Enjoy.

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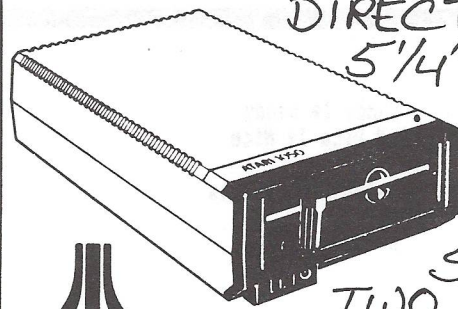
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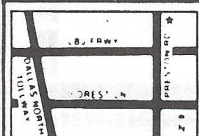
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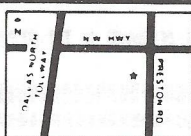
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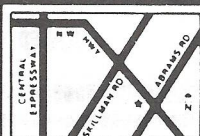
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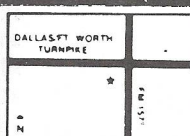
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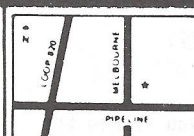
PRESTON CENTER
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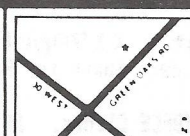
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NORTHWEST HWY AT ABRAMS



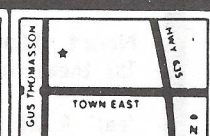
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GEM SEMINAR REPORT

by NAT FRIEDLAND, ANTIC EDITOR

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Antic was the ONLY Atari Magazine present at the GEM Software Developers Seminar held in Monterey by Digital Research, Inc. last month. Probably of greatest interest to Antic readers would be what we learned in conversation with the five Atari technical executives who were on hand...

First of all, Atari still considers itself to be on schedule for bringing the first production ST computers onto the market in April.

Full ST production capacity won't be reached until June.

The 10-15 megabyte hard disk for the ST will show up in the summer.

This is essentially the same schedule Antic reported at the January Consumer Electronics show. What's significant NOW is that none of the normal debugging problems associated with new machines are expected by Atari to hold up the ST significantly.

ATARI CAD/CAM -- UNDER \$2000?

Remember the legend-shrouded 32-bit Atari we reported that Jack Tramiel talked about at his November press conference? Well, it hasn't drifted off to Computer Wish Heaven.

Every time an Atari engineer talked about the 32-bit computer in Monterey, a delighted smile appeared on his face. The computer was described to Antic as a "VAX minicomputer on a chip" and a "\$40,000 CAD/CAM computer graphics workstation that will sell for under \$2,000."

And Atari still hopes to meet Jack's stated goal of unveiling this machine at the April electronics fair in Hanover, Germany.

ADVANCE ST COPIES

Antic has signed up to purchase one of the first pre-production prototypes of the ST. It's supposed to be available at the beginning of March. These prototypes are being hand-wired and Atari says they'll be sold at whatever is the final break-even price.

The next batch of advance ST units will be "editors' review packages" that are supposed to ship at the end of March or the beginning of April.

After that, the availability of STs depends on whether or not a store near you signs to get one of the first allocations.

ATARI ACCEPTANCE

As for the GEM Seminar itself, the \$800 Feb. 14-15 workshop was highly technical and directed at professional consumer-software programmers who were thoroughly experienced with the C language or with Macintosh window program development.

Interestingly, within this sophisticated and hard-nosed environment, the name Atari was mentioned often and each time it was treated with respect as a credible factor in the software marketplace. This certainly would not have been the case less than a year ago.

At a well-attended evening reception there was available for hands-on examination a working ST with a preliminary version of Atari GEM burned into ROM as an EPROM.

Before you could handle the ST, you had to sign a confidentiality pledge which also gave you a very sketchy early draft of the official Atari software development documentation, and official status on the list of certified Atari software developers. There was a long line waiting to sign and most of the Seminar's 200 attendees did commit to develop ST software.

LEARNING ABOUT GEM

The Seminar sessions were taken up with highly detailed discussions of GEM development nuts and bolts such as the strict interfacing procedures which are supposed to make porting GEM-based programs between different computers a routinely mechanical one-day process.

Of course, the main selling point of GEM is that it's supposed to make it simple to convert software between the IBM PC and its clones, the Macintosh, the Atari ST and any other computer the GEM licenses a version for.

Access to GEM windows, debugging, and correct embedding of transfer hooks were among the other technical topics discussed. All attendees were given the two-volume GEM Toolkit documentation. DRI's recommended professional development language was Lattice C, which costs around \$500.

For those who don't realize this, it should be noted that the Seminar was specifically dealing with the just-completed IBM PC version of GEM. Six-disk beta test editions of GEM were being sold to developers by DRI for \$500. The GEM Library software of prepared graphics routines cost extra.

Nobody was claiming that the Atari version of GEM was ready for beta testing at the time of the Seminar.

WETMORE SUMS UP

Russ Wetmore, author of HOMEPAK and PREPPIE as well as other major Atari programs, flew in from his Florida homebase to attend the seminar and then stayed on to see the MacWorld Show in San Francisco.

He spent time at Antic during this period and shared with us the viewpoint of a highly experienced Atari professional programmer.

"I think the developers at the Seminar fell into two groups. One group is totally sold on the GEM goal of making a lot of different computers compatible with each other," said Wetmore. "And they are willing to overlook some nagging questions that came up during the sessions."

Wetmore considers himself part of the second group, which is taking more of a wait-and-see attitude.

"GEM does not seem to have all the built-in features of the Macintosh interface," he said. "This is going to put a lot more demands on a commercial programmer. For example, I don't see that GEM has any built-in text editor."

He also expressed doubt that porting GEM programs between different computer models will be as cut-and-dried as DRI claims.

"The conversion routines have a LOT of machine language and it just does not look that straightforward to me," he said.

And Wetmore wasn't too happy about the licensing fees for developers that DRI announced at the end of the Seminar.

"The basic agreement is \$1,000 for the first 10,000 copies of your program and then it's renegotiable. There's nothing to prevent DRI from cutting itself in as your partner if you come up with a smash hit program," he said.

Still, Wetmore was positive enough about GEM that he bought the Seminar disks and intends to invest over \$5,000 for an enhanced IBM PC and Lattice C.

"But right now any GEM programs I publish will just be for the Atari," he said, "because it's the only computer that a developer won't have to pay royalties to DRI."

1985 DAL-ACE Survey
Results

By Dave Gillen

Well, for those of you out there that are curious about a survey that I conducted a couple of months ago, here are the results.

I'm not in a position to analyze them but I would like to make a few comments.

First off, thanks to everybody that answered one. I received back a grand total of 88. About 6 of these were sent through the mail.

Secondly, counting surveys is not fun! Next time we'll have to do something to make the survey both easy to answer and easy to count! I guess these things come with experience (20-20 hindsight).

Third, I was very impressed with the responses that you filled in on the "DAL-ACE Futures" page. I had expected that most would be left blank. I was very wrong. You folks have some real good ideas. That tells me that DAL-ACE isn't dead yet! I will try to implement some of these over the coming years.

Fourth, I was both happy and sad about how we use our Ataris. The happy part is that it isn't just a game box. Although a whopping 95% of the respondents play games, nearly as many use your Atari for word processing, programming and home/personal finance (the numbers were 79%, 68%, and 61%, respectively). The sad part was that NOBODY does anything that might be considered handicap support. Sigh.

Finally, overall I consider this experiment a big SUCCESS and we will do it again in the future. I want to continue taking the pulse of our club to see where we are headed.

Now for lots of numbers.

What you see below is the results of each page of the survey. I took each item that you could circle and entered it into a program. You will see the percent of respondents that chose that item to the immediate right of the item. If you entered something as "Other", I tried to convert it into some readable item. Generally I was pretty successful. If some of this might seem a little cryptic, I apologize. I was never one for tables and I guess I'm still learning.

----- Input from D2:HARDWARE.CNT -----

Base for computations is 88

Computer System(s):	
400	25%
800	71.59%
600XL	6.81%
800XL	43.18%
1200XL	7.95%
Amount of main memory (RAM):	
8K	0%
16K	9.09%
32K	2.27%
40K	0%
48K	61.36%
56K	1.13%
64K	46.59%
morethan64K	6.81%
Computer System Modifications:	
Ramdisk	6.81%
OMNIMON	23.86%
OMNIMON-XL	4.54%
Fastchip	35.22%
RAMROD	15.9%
Mass Storage (cassette an disk):	
410	40.9%
810	37.5%
1010	4.54%
1050	21.59%
1620	2.27%
2001	1.13%
6T	14.77%
40-S1	12.5%
88-S1PD	7.95%
1000	11.36%
ATD2	0%
ATD4	0%
General Peripherals:	
VoiceBox	5.68%
850	39.77%
ATR8000	22.72%
Modems:	
MarkXII	3.4%
MarkXII	0%
Volksmodem	4.54%
830	11.36%
835	0%
1030	5.68%
Smartmodem300	14.77%
Smartmodem1200	3.4%
MPP-1000C	7.95%
Printers:	
42	1.13%
820	2.27%
822	0%
825	2.27%
1020	2.27%
1025	6.81%
1027	3.4%
AT-100	2.27%
8510	6.81%
MX-70	0%
MX-80	14.77%

MX-100	3.4%
FX-80	6.81%
RX-80	1.13%
10	12.5%
10X	15.9%
15X	0%
160L	0%
Spirit	0%
PC-8023A	0%
ML82A	0%
ML83A	0%
ML92P	1.13%
ML93P	0%
120	0%

Other Equipment:

BlueChipPrinter	1.13%
PROModem1200	2.27%
TIC-600	2.27%
Radix10	1.13%
Quame142DS/DD	1.13%
OMNIVIEW	2.27%
MarkVII	1.13%
PanasonicXP-1090	1.13%
Mosiac64K	1.13%
RitemanPrinter	1.13%
MicroMainFrameDisks	1.13%
BusyKeyKeypad	1.13%
TeknikaMJ-10Monitor	1.13%
Signalman	1.13%
GenDynamics	1.13%
TRS-80model100modem	1.13%
TeacDS/DD	1.13%
Panasonic1091	1.13%
Prometheus1200	1.13%
ANDEKColor1	1.13%
TAXANAmberMonitor	1.13%
OKIMATE10	7.95%
NovationCat	3.4%
AJ300	1.13%
KiddataMicro84	1.13%
BIT3	1.13%
ChalkBoardPowerPad	1.13%
AtariColorPlotter	1.13%
TandonSS/SD	1.13%
422	1.13%
AerocompDiskDrives	1.13%
ShugartDualBinch	1.13%
Datec212	1.13%
BrotherHR65	1.13%
KoalaPad	1.13%
SHUGART850	1.13%
MICROVOX	1.13%
C.ITOH1550	1.13%
OlivettiInkJet	2.27%
MPP-1150	1.13%
R-VerterInterface	2.27%
QUMEDSDD	1.13%
TexsonHighTechMon	1.13%

CommodoreMonitor 1.13%
 CX85 1.13%
 52K 1.13%
 RAMROD-XL 1.13%
 TPIPrinter 1.13%
 Delta10 1.13%
 IDS460 1.13%

----- End of list -----
 ----- Input from D2:SOFTWARE.CNT -----

Base for computations is 88
 Operating Systems:
 DOS2.0S 81.81%
 DOS3 25%
 CP/M 12.5%
 3.011 18.18%
 3.13 13.63%
 3.18 17.04%
 OS/A 5.68%
 OS/A+ 27.27%
 DOSXL 30.68%

Languages:
 AssemblerEditor 29.54%
 BASIC 87.5%
 LOGO 12.5%
 MacroAssembler 13.63%
 PILOT 22.72%
 MicrosoftBASIC 20.45%
 Action! 11.36%
 BASICXL 35.22%
 C/65 4.54%
 MAC/65 22.72%
 DeepBlueC 20.45%
 EXTENDEDfig-FORTH 10.22%
 Pascal 6.81%
 DraperPascal 5.68%
 valFORTH 6.81%

Word Processors:
 Atariwriter 36.36%
 WordProcessor 7.95%
 BankStreetWriter 13.63%
 Wordman 28.4%
 LetterWizard 7.95%
 TextWizard 26.13%
 LetterPerfect 34.09%
 TheWriter'sTool 4.54%

Databases:
 DataPerfect 23.86%
 Filemanager800 18.18%
 Filemanager+ 9.09%
 SynFile+ 13.63%

Spreadsheets:
 SynCalc 20.45%
 VisiCalc 37.5%

Other Software:
 SAM 1.13%
 PMAnimator 1.13%
 AloaPagewriter 1.13%
 MAC/65Toolkit 1.13%

SpellWizard 2.27%
 SynAssembler 2.27%
 FinancialWizard 2.27%
 Bookkeeper 2.27%
 TurboPascal 2.27%
 R/DOS 1.13%
 SMARTDOS 2.27%
 FoReMXL2.2BBS 1.13%
 HomePak 1.13%
 Teletari 1.13%
 HomeFileManager 1.13%
 RanaDOS 1.13%
 ABCCompiler 1.13%
 RanaSmartDOS 2.27%
 DOS2.6F 2.27%
 MSDOS 1.13%
 SpellPerfect 1.13%
 B/GRAPH 1.13%
 SPACEfig-FORTH 1.13%
 Homeword 2.27%
 Syncomm 1.13%
 Homepack 1.13%
 Syntrend 1.13%
 MicrosoftBASICII 2.27%
 HomeAccountant 2.27%
 CircuitDatabaseII 1.13%
 DOS2.8 1.13%
 K-DOS 1.13%
 3.06 1.13%
 DatasoftBASIC 1.13%

----- End of list -----
 ----- Input from D2:USES.CNT -----

Base for computations is 88
 Business 30.68%
 Databases 38.63%
 Education 51.13%
 Games 95.45%
 HandicapSupport 0%
 Finances 61.36%
 Programming 68.18%
 Robotics 2.27%
 Telecom 51.13%
 WordProcessing 79.54%

Other Uses:
 CartridgeDevelSys 1.13%
 DrawingCircuits 1.13%
 TestingDevices 1.13%
 Fun 1.13%
 MicroProcDevel 1.13%

----- End of list -----
 ----- Input from D2:FUTURES.CNT -----

Base for computations is 88
 Demos 69.31%
 Clinics 48.86%
 Seminars 38.63%
 Speakers 47.72%
 Shorter Meetings 7.95%
 No Meetings 0%

Other:	1.13%
Contest	1.13%
DocExchange	1.13%
SelfHelp	1.13%
Classes	5.68%
LessBS	3.4%
Vendors	1.13%
HintManual	1.13%
Comraderie	1.13%
ListAtariParts	1.13%
Schedules	1.13%
MoreHelp	2.27%
SellCassettes	1.13%
ExpandExpertList	1.13%
BetterDiskLib	1.13%

----- End of list -----

There is a number that isn't shown above but I thought was interesting. About 38% of you have more than one system. We're talking truly into computing!

TIP

You can reboot your Atari (including XL's) without turning off the power from Basic or DOS as follows:
 From Basic: Poke 580,1(CR) then SYSTEM RESET.
 From DOS: Run at address E477 (opt. M in DOS 2.0S)
 This will coldstart the Atari EXCEPT it will NOT reboot the 850 RS232 handler. To do so, cycle the power on the 850 Before performing the steps above. -JLP

----> SIGS <----

--> GRAPHICS SIG <--

Members interested in the GRAPHICS SIG, please contact Sandra Stephens, 827-0493. If you are interested in the graphic limits of the Atari, especially as relates to videotape, join in!

--> ADVENTURE SIG <--

The Adventure SIG meeting information was not available at press time. Contact Steven Markley at 231-6918 for information on this BRAND NEW SIG.

--> "C" SIG <--

"C" is a language SIG. At press time, the location and time of the meetings was not available. Gary Sewell at 214-727-6567 or Jim Chaney at 231-4402 have more information on the "C" SIG.

NEXT MEETING: FRIDAY, APRIL 19, 1985 at 7:00PM

RICHARDSON CIVIC CENTER
 RICHARDSON, TEXAS

DIRECTIONS: From LBJ (635), take Central Expressway (Highway 75) North to Arapaho Road in Richardson. Turn left (West) on Arapaho Road. The Civic Center is on the left between the Hwy 75 service road and the Richardson Public Library. Guests are WELCOME!!

MEETING AGENDA

- 7:00 TO 7:30 SALES (VENDORS & CLUB) DEMONSTRATIONS
 NEWSLETTER DISTRIBUTION
 NEW MEMBER REGISTRATION
 SOCIALIZING
 NEW MEMBER CLINIC
- 7:30 TO 8:00 BUSINESS MEETING
- 8:00 TO 8:30 DEMONSTRATION OF CLUB DISK
- 8:30 TO CLOSE SOFTWARE CLINIC
 OTHER DEMONSTRATIONS
 VENDOR RESERVATIONS

Vendors may reserve table space prior to the meeting by calling Gary Sewell (214-727-6567). Fee collections and table assignments will begin at 11:45, after which the vendors may begin to set up their areas. Those tables which have been reserved but not yet claimed by 12:30 may be purchased by other vendors at that time. Prepaid reservations will not be released. Space assignments will be on a "first come, first served" basis, unless prepaid. The current meeting facility allows for approximately 30 vendor tables.

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Commercial ads must be camera ready. Ad deadline is the 15th of the month. Mail or deliver copy to DAL-ACE Newsletter, P. O. Box 851872, Richardson, TX, 75085-1872 or call Mr. Morris Stephens at 214-525-6483.

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