

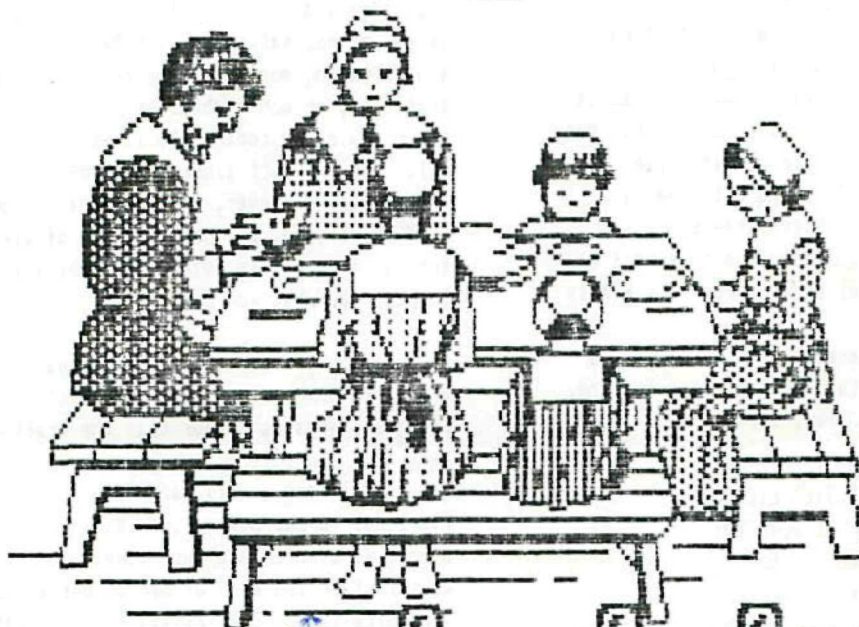


## NEWSLETTER OF THE PENINSULA ATARI COMPUTER ENTHUSIASTS

NOVEMBER 1986

VOLUME 6 NO. 10

# FROM PAGE



# Happy Holidays

### THANKSGIVING IN OLD HAMPTON

It was a long time ago when our boat docked in Hampton Roads. We wanted to celebrate Bay Days but didn't know what it meant. Captain Koster thought it might be a good idea to have dinner. "Let's do dinner," he said. It was a good idea since the food stores on board had run out weeks ago.

First mate Fazzi suggested we call it a Thanksgiving dinner. Seaman Cullen wanted to call it Joe's day but they beat him up. Chancellor of the Exchequer Marks said "There is no money in the bank!!" Good lady Campbell asked "Just what is a bank?" Lady-in-Waiting Marks said "Its where you store data, sorta like a data base.

Ship lantern waver Johnson got out his modem but could not find a telephone line or a plug to stick it in. Chief Chapman said "I have a telephone jack in my lab, but the lab hasn't been built yet."

Ship scribe Fishbein, who normally kept dutiful notes, instead, drew the above picture to mark the occasion.

# EDITORIAL

Welcome to the November issue of PACE World. I'm sure you have noticed changes in the format and layout of the newsletter ("That damned Joe Cullen won't leave anything alone."). It is my hope to produce a newsletter that is informative, interesting, and entertaining.

In addition to asking officers to contribute material, I would appreciate receiving articles from any and all Atari users. Two good examples are the articles on upgrading the FX-80 and converting Atariwriter Plus.

PACE is a user's group and your participation is even more important at our regular meetings. We want YOU there!

All modem users rejoice, the CLUB BBS is available to you through ODDX at 596-2710. Many programs and utilities have already been uploaded, 8-bit and ST, along with famous sayings on the message bases (see Steve Fishbein's messages). Feel free to submit any PUBLIC DOMAIN material because there is plenty of space!

Remember, the amendments to the by-laws will be voted on at the November 21st meeting.

Joe Cullen, Editor

## PLEASE NOTE

ALL NEWSLETTER EXCHANGES

SHOULD BE SENT TO:

JOE CULLEN

PACE WORLD, EDITOR

834 CHURCHILL TERRACE

HAMPTON, VA. 23666

ALL OTHER CORRESPONDENCE

SHOULD BE SENT TO:

P.A.C.E.

P.O. BOX 7628

HAMPTON, VA. 23666

THANK YOU FOR YOUR ASSISTANCE.

## PRESIDENT'S COLUMN

As always, I'd like to start out by thanking all the PACE members who helped make the last meeting a very enjoyable one. I was worried that our topic, Atari DOS's, would be a mite on the, well, "boring" side, but our reviewers gave us the straight poop and made it interesting. I'm never surprised how little I know about most things, and DOS's are certainly no exception. I hope most of the members attending learned as much as I did. Joe Cullen's "review" of DOS 9. whatever topped the evening off hilariously.

We're about to set the topic for November's meeting so I can't give you any hints, but I think were on a roll of good meetings. Now more than ever you should make every effort to attend PACE meetings. I know of at least five new disks in our library, so the Swap-n-Share meetings would also be worthwhile to you...not to mention getting together with other Atari enthusiasts, which to me is the best thing about our group. If you haven't been in awhile, you'll be pleasantly surprised.

PACE needs you. It needs you to channel some of the energy and enthusiasm you devote to computing toward unselfishly expanding the knowledge and horizons of your fellow members. If you're not satisfied with PACE, it's because you're taking more than you're giving. We won't criticize, we won't chastise. The slightest thing you do to contribute is appreciated by all. Don't expect glowing praises and effluent Thank Yous. However, I can tell you from first hand experience, the satisfaction of making PACE fun for everyone is better than any possible thanks. Do what you can, but DO!

I recently had the extreme pleasure to travel to Sunnyvale CA on "business". The San Francisco area is (other than the traffic) a very nice and interesting place. Naturally, I gave Atari Corp a call, and Sandi Austin, who IS Atari User Group Support, said "...come on over". I didn't have much time, and I didn't want to take too much of her's, but we had a very nice talk. I'll relate the full details (there really aren't that many but I'll do anything to entice you to come) at the November meeting, but I can relate my impression of the people I met in three words: CONFIDENCE, DEDICATION, ENTHUSIASM! Thank you, Sandi, I think we're in very good hands!

As a final note, it looks like I'll be stepping down as PACE Prez as of January. I've had many constraints on my time lately, and I feel it's to PACE's best interest to find someone who can devote the proper attention to PACE. I expect to receive reassignment notification in December for transfer in May, so I could be even busier in the near future. Naturally, I'll continue to contribute as much as I can for as long as I can, but it would be nice if we could find someone to fill in. The duties are not that trying, it's fun and good experience. I've been a PACE member for nearly 18 months and spent most of that time as an officer of the group, and I wouldn't forsake any of it. I tell you again, it's more fun being involved than just sitting back and sucking it in. Come to the meetings, write articles, DO SOMETHING! You'll see!



# SECRETARY'S NOTES

The October Ex-Con meeting was highlighted by Kevin Johnson's announcement that PACE has been offered space on the ODDX BBS, which is being run on an Atari 520ST. The Ex-Con appointed Kevin as the Atari Sig Sysop and agreed to pay a \$7.00 monthly phone bill. The ODDX board uses a hard-drive (eat your heart out STATUS!) and has virtually unlimited room for both 8 bit and 16 bit Public Domain programs. (See the article by Kevin Johnson for further information).

Word Processing programs will be discussed at the November meeting with brief presentations, outlining the special features of 6 word processors. To be featured are Atariwriter+, PaperClip, Text Pro and Speedscript, Word MAgic and the Xlent WP.

The amendments to the By-Laws will be voted upon at the November meeting.

Equipment maintenance will be offered to PACE members (and prospective new members) at the conclusion of the November meeting. Anyone with any Atari equipment in need of maintenance (such as dirty disk drives, printers, etc.) or equipment with operating problems may bring it to the November session and our "experts" will take a look at it.

The Ex-Con also discussed plans for a Christmas party (instead of a December meeting).

## SPECIAL REPORT

Hardware Review: Epson FX-80 Printer Upgrade  
By: Bill Parisi

Over two years ago I purchased an Epson FX-80 dot-matrix printer. At that time the FX-80 had about the best dot-matrix print available in it's price range (\$700 retail).

Today's dot-matrix printers have a print mode that produces a Near Letter Quality (NLQ) print. This print mode comes close to typewriter quality.

Not wanting to spend \$300-\$400 for a printer that produces NLQ print, I looked into upgrading my FX-80. I found an upgrade kit from Epson that upgrades the FX-80 to an FX-85 printer with NLQ print. (Kits are also available to upgrade the FX-80+ to an FX-85 and the FX-100/100+ to an FX-105.)

The Epson upgrade kit, #84971 cost \$99.95. It provides the following upgrades:

- Addition of NLQ print mode.
- Control of print modes from front panel buttons.
- Addition of IBM mode with two IBM character sets.
- Addition of word processing functions such as justification and print position assignment (center, left, right).
- Upgrade of buffer RAM from 2 kilobytes to 8 kilobytes.

The kit contains an "FXEXT" printed circuit board, 4 additional IC chips, a panel label, and an FX-85/105 user's manual. Also included is an installation sheet which shows the above listed parts and the motherboard location number of parts to replace. No picture of the motherboard was included so some hunting is required to find the parts to replace.

Installation is simple. Remove the cover, held in place by 4 screws. Remove the old "FX" board (3 screws and a 40 wire ribbon cable). Locate and remove the 3 designated IC chips. Install the 3 replacement IC chips, the new "FXEXT" board, and one additional IC chip where the ribbon cable plugged into. Put the cover back on and install the new panel label over the old one. Total installation time was less than 20 minutes.

Put the old FX-80 user's manual away and use the new FX-85 user's manual because the printer now functions as an FX-85. The printer's dip switch configuration is slightly different with the upgrade. Switch 1-4 which previously controlled buffer/user RAM is now used to select between "Epson" and "IBM" mode of operation. Switch 2-2 which set the bell for paper-out now is used to activate/deactivate the optional cut-sheet feeder. Switch 1-3 combines the function of paper-out sensor and bell.

Selection of NLQ print mode is as simple as pressing the FF button when the printer is ON-LINE. Additional print modes can be selected by pressing combinations of the ON/OFF-LINE, FF, and LF buttons. As usual all print modes can be selected through software.

I am very pleased with the results of this upgrade. The NLQ print is very good and convenient to select, and the 8K buffer now frees up my computer for more important tasks.



# BY GEORGE

## WHO IS RON HUNT AND WHY IS HE DOING THIS TO ME?

For those of us who use the bulletin boards here in the Hampton Roads area, there is a certain person that is a shrouded in mystery, a phantom who some people say does not exist! I know better! He's as real to me as the Lone Ranger or Joe Cullen. I first encountered him on my initial sojourn into the land of telecommunications.

I was lost, wandering around in the never-never land of strange menus and acronyms on the grand-daddy of our BBS's, Oxgate. I was trying to find the Atari section of the download files. No success! Nothing I did worked. In desperation I tried for the first time to actually leave a message for the world to see. It would say that I was so dumb that I couldn't find my way through a rinky-dink BBS to the Promised Land of all the download files in the Universe. I struggled to word the message in just the right terms to make people think that I really knew what I was talking about and was only seeking confirmation from others. Satisfied with my authorship, I settled back and waited for a response. The next day the answer was there, a message TO ME! It was from our mysterious Ron Hunt. It was a friendly message welcoming me to Oxgate and explaining in simple terms how to perform those feats of BBSmanship that I needed to know.

Nothing in the message was unusual or would lead a person to suspect that Ron was anything other than a normal human being. In fact, I was struck by the honest and open demeanor of his approach. We chatted back and forth across the computer-waves for a while and then drifted off on our own peculiar course. From time to time over the next several years, we have exchanged messages and I have been keeping up with him through his messages to others. There are a few things that I have found out about him--He is an Atari owner and enthusiast--He is knowledgeable about computers (even to the point of being called an expert although obviously trying to disguise the fact)--He knows every nook and cranny of every BBS that was ever used--and he has no money! He is always saying that any day now he is going to buy that 520 ST! Now you may be asking yourself, "Just what is so mysterious about this normal sounding, good natured Ron Hunt?" Here it is good reader-- NO ONE HAS EVER SEEN HIM!

Almost everyone of our PACE club who prowls the BBS's has exchanged messages with him and considers him a good friend but really knows

little about him. Does he have a family? Where does he live? How old is he? Where did he get that extraordinary insight into technical and practical computing? He was even a member of PACE for a while. (We think! The records for that year have faded and almost disappeared in the region of the H's!) The closest anyone has come to confirming Ron's physical existence was Kevin Johnson who claims to have talked on the phone but admits that it was not a good connection! Now the enigma who is Ron Hunt has been discussed at our PACE planning meetings and it has been decided that now is the time for action. We put a desperate call for all members to help unravel this mystery and determine if Ron Hunt really exists.

Have YOU seen him? What does he look like? Will he actually attend a PACE meeting? (or maybe he has disguised as someone else!) Bring your evidence to the next PACE meeting. There we will pool our facts to try to solve the riddle of Ron Hunt so we can return our lives to normal and go on with other great adventures!

## DISK WOES

For those of us who are in need of disk drive repair, there may be hope! At least one of our members has had success with a company in Norfolk. It is LOGAN'S MINIFLOPPY REPAIR SHOP at 1215 Norview Ave. The repairman's name is Pete Jurwick and get this, his hobby is working on RAMA drives! (Well, that's what I was told!). The phone number in Norfolk is 855-6206. Maybe there's life in that old drive yet!

THANKS MIKE

I brought in a sick 800XL to the last PACE planning meeting and left with a complete (and proper diagnosis) thanks to Mike Fazzi and some help from Chester Marks. The problem was a keyboard that would only produce about half of the needed letters! Mike traced the problem from the keys themselves on back to the culprit. By the way, it was the first time I ever saw the world famous ATARI HELP KEY (function) really used! He used it to see which keys were working. It was a little help. He could have done without it. The malfunction was caused by a faulty chip. For those of you who have had this trouble or those of you who are planning to have this trouble, just replace that chip, an RCA CD4051BE which is available at Cain Electronics for \$1.09. There are two of them, each handling one-half of the keyboard. If one is out, it knocks out that half of the alphabet. Swapping the chips tells you which chip is bad. (You may want to replace both and then you won't have to swap'em around. This is especially true if they are soldered in place which makes the chances of soaking the chip while removing it a good possibility.)

# INSTALL A WRITE ENABLE SWITCH IN THE 1050 DISK DRIVE By Tom Kerschen (Sparky)

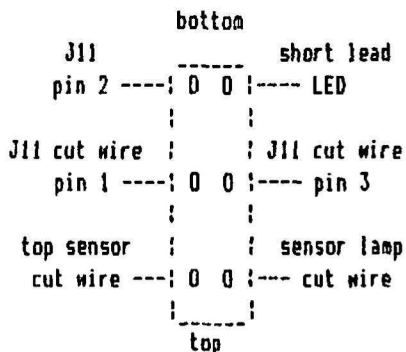
What this modification does is allow you to write to the back of a disk, or to any write protected disk, without notching the disk. The switch will allow you to set the NORMAL OPERATION of the disk drive, ALWAYS ALLOW writing to a disk, or NEVER ALLOW writing to the disk.

You'll need 1 DPDT Switch with CENTER position OFF (Radio Shack #275-620), 1 LED (Radio Shack #276-068) and 6 feet of 24 gauge insulated copper wire.

Tools needed are a set of Small Needle Nose pliers, Phillips screwdriver and a low wattage solder iron, a small drill with 1/4 inch drill bit

## GETTING STARTED

Remove the 6 screws from the bottom of the disk drive and take the top and front of the drive off. Now you need to decide where you would like to mount the switch. I have mine mounted in the front on the left hand side with the LED right above it. As for these instructions, I will assume that is where the switch and light will be mounted. You will need to position the switch and drill a 1/4 inch hole. Now you need to position the LED and drill a 1/4 inch hole, be sure leave room for the switch. Solder a 16 inch piece of wire onto each of the 6 terminals of the switch. Wire in the switch and LED as per the following drawing:



To help make the drawing make sense, the J11 connector is located in the back left of the main board of the drive. It is the 4 wire connector closest to the front. They are

numbered from 1 to 4 starting at the front of the disk drive. Cut the wire going to connector pin 1 and from the connector solder the wire coming from the middle terminal of the switch.

The other end of the wire you just cut solders onto the wire from the switch that's labeled (top sensor cut wire). The wire from the switch that is labeled (J11 pin 2) solders with the existing wire on the connector pin 2. Cut the wire going to connector pin 3 and from the connector solder the wire coming from the 2nd middle terminal of the switch. The other end of that wire you cut solders to the wire coming from the switch labeled (sensor lamp cut wire). Solder a wire with the existing wire on connector pin 4 and hook it up to the long lead of your new LED.

That completes all the wiring. Make certain that all the wires are properly connected and the connector J11 is hooked back up. Reassemble the case watching so that the new wires do not get pinched under the sides or between the screw stands.

You no longer need to punch the notch into your disk to write to the back. With the switch down you are in the NORMAL position. With the switch in the middle position you are in the PROTECTED position. (that is you can not write to even a notched disk), and in the up position you are in the WRITE ALLOWED position.

## Treasurer's Report

Pace has 83 members. Two (2) memberships will expire next month. If your name appears in the following paragraphs, please bring your checkbook (yes we do accept cash) to the next meeting or mail your renewal to PACE Treasurer, P.O. Box 7628, Hampton, Va. 23666. Remember Dues are \$15.00 a year.

Memberships expiring in November are Orrie Flynt, and Edward St. Dennis.

Memberships that have expired include Cathy and Hjalmar Fond, John Harrison, Bill Pearson and Christopher Tanner.

For your information...

The Pittsburgh Atari Computer Enthusiasts (P.A.C.E. ...they have a nice name) will be sponsoring the Atari Computer Products Show at the David L. Lawrence Convention Center in Pittsburgh. It's open to the public from 10:00am to 9:00pm Saturday and from 12:00pm to 5:00pm Sunday. Tickets are \$4.00 at the door, advance sales are \$3.00. Children under 12 years (I don't mean mentally) with parents are free. The door prize is a 520ST, better go Don Baldwin (The luck of some people!) smile. For more info call me at 766-0454 SOON!!

Until next month.....

Chester Marks

## SPECIAL REPORT

### OFF THE WIRES...

Here are some tidbits from the numerous newsletters and other publications that pour in. If you want to read further or scan some of the latest arrivals, call Joe Cullen and tell him to be sure to bring that issue to the next meeting. He's taken over the "foreign" newsletter job, file cabinet and all. We usually bring an assortment of old and new issues to meetings. The old issues are available for purchase (one thin quarter apiece), while the more recent issues can be browsed thru.

NYBBLES & BYTES (NW Phoenix Atari Connection), Sept 86 - The new PD BASIC interpreter Turbo BASIC (which we haven't seen yet but will try to acquire) is described. The complete command list is given. Looks GREAT!

DATASOFT NEWS RELEASE - Announcing their latest, Gunslinger, a graphics adventure ala ULTIMA but staged in the Wild West (I guess!). Look for it at your favorite software store.

KC-ACE, Sept 86 - Reprints Dave Small's instructions on how to hook a 5 1/2" floppy to your ST, and explains how to fix XE function key probs and how to hook an XM301 to an 1200XL (and make it WORK!).

FUTURE SYSTEMS - This company has acquired the marketing and manufacturing rights to the Indus GT Disk Drive line. They asked us to get the word out (done!) and described other products in the works, including a memory card that fits in the drive and will run CP/M!

BMW & ASSOCIATES - Have a Mark 4:22 (look it up!) Compucase that will organize your ST or XE equipment nicely.

MID MICHIGAN ATARI MAGAZINE, Sep 86 - Chock-a-block with interesting rumors and articles, including SPARTADDS on cartridge, 1/4-1/2-1 Meg upgrade carts for every 8-bit machine, VT-100 cart for the ST, reports on pirate BBS's being shut down around the country, and lots more.

ALAMO AREA ATARI USERS ASSO, Sep 86 - Reports (from NACEC News, Jan-Mar 86) that the Dutch Government has recommended the 800XL to it's schools, which means 100,000 units sold over the next two to three years. The machine will be featured in a TV series, also. The 800XL was also named Home Computer of the Year in the British Micro Computing Awards, 1985.

HOME COMPUTING JOURNAL - was Home Computer Magazine. Quarterly now, slimmer, trimmer, and (I think) improved. It supports nearly all the machines in the home computer market, so the Atari stuff is rather diluted, but it's still well worth a look.

SOUTHERN NEVADA ATARI COMPUTER CLUB NL, Oct 86 - Reprinted Steve Fishbein's reviews of Fite Nite and the 1st XLent Word Processor. Congratulations, Steve!

CURRENT NOTES, Oct 86 - This newsletter, as always, is the standard by which all Atari publications should measure themselves, including Antic and ANALOG. This issue has info on HAPPY Ver. 7, ST MIDI data, just too much stuff to describe. Check it out at a meeting, or just do what I did, buy a subscription for yourself!

That's all for now, be sure to take a look at the current crop at a PACE meeting.

Books!!

Read any good fantasy/sci-fi books lately?

Last month I left you with this tidbit:

Here are the answers:

1. Destruct code sequence 0000 destruct 0.
2. Capt James T. Kirk.
3. Abort code 123 continuity abort destruct code.
4. Montgomery.
5. Why our very own secretary, Steve Fishbein.

The answers to questions 1-4 are from the book "Star Trek 5", by James Blish. (Many thanks to Joe Cullen, of course I had to wash his van and truck for a week, for letting his book out of the house).

until next month  
Chester Marks

## ATARIWRITER + A RANDISK CONVERSION

Working with various word processors it had appeared that only two were making use of the RANDISK capabilities of the 130XE, Antic's Word Magic and the Xlent WP. My son Jeff, an avid Atariwriter+ user, was lamenting the lack of a randisk and the convenience it would offer in using our Atari computers at the annual Virginia Duals Collegiate Wrestling Tournament.

I had recently used the Chipmunk program to create an unprotected version of Atariwriter+ (see the review on Chipmunk in this issue) and it occurred to me that we might be able to use this copy and add randisk capability.

Realizing that the program only allowed indexing of drives 1 and 2, we were pleasantly surprised to find that just substituting DOS 2.5 for the original DOS and adding the randisk file, Atariwriter did allow saving and retrieving to D8, but with no provision to index the randisk.

We kept this version as an alternate, but then went forward in order to come up with a randisk using drive two. A telephone call to Chester Marks, who had set up my 850 Express with Sparta Dos, brought forth the needed information how to set up Sparta DOS and change the randisk from Drive 8 to Drive 2.

This version did permit indexing of the randisk, eliminated the need for holding the option key when booting the program and resulted in one other very big PLUS - an Atariwriter much, much faster than the original.

The new revision, however, was not perfect. We discovered that memory banks 2 and 3 could not be used with the Sparta DOS version. Attempts to save files longer than the capacity of Bank One crashed the file. There was no problem saving and retrieving to D8 with the DOS 2.5 version.

The solution was to use the Sparta DOS version for short files, not easily recalled, and the DOS 2.5 version for a long file.

I concluded the experimentation by making one more version - an Atariwriter + using Sparta DOS instead of the original DOS. This gave me an Atariwriter which had the high speed and didn't require holding the option key while booting.

by Steve Fishbein (with great assistance from Jeff Fishbein and Chester Marks)



CHIPMUNK

Having both Atari and Commodore computers has allowed me to make some interesting comparisons. A major difference has been the means by which a program back-up copy could be made from a protected program.

For the Atari most programs required hardware modifications of the disk drive - such as the Happy Enhancement or the more recent Duplicator. On the other hand I found that Commodore program back-ups were made using software.

Now, the software method has come to the Atari with a program called "Chipmunk." Chipmunk not only copies a program, but it also results in an unprotected version of the program.

Chipmunk uses "parameters" to complete this task. First a copy is made of the original program using the Chipmunk sector copier. The parameter for a particular program is then loaded into the computer from the Chipmunk disk and is written to the copy, overwriting the protection scheme, resulting in a "broken" version of the program.

I used my copy of Atariwriter + to try Chipmunk, which allowed me to make modifications to the original, which is discussed in a separate article.

Steve Fishbein





## PAPERCLIP A SECOND LOOK

The choice of a word processor is especially important because it is likely to be the most commonly used program in your library.

Although there are many word processors available for the Atari computers, the two most popular ones are Atariwriter and PaperClip. I have used both fairly extensively, normally making my choice based on the features that I want to use in a particular article.

PaperClip has become a favorite for many people because of the ease of use and the versatility. Recently I wanted to help a friend with a resume and, not wanting to look up all of the special print commands for Atariwriter, it became expedient to use PaperClip where a command for Bold print was a B, for underlining a U with similar simple to recall commands for other features. Recent revisions to the original PaperClip have added to the power of the program.

The first major revision permitted use of the greater memory capacity of the XE computers, as well as adding printer drivers for new printers that had been released to that point.

Another feature added in that revision was the "hanging indentation" which allows a first line to be longer than the remaining lines in a paragraph. My choice of Paperclip to do the resume turned out to be a good one because I needed the hanging indentation feature to prepare a publications listing, one of the few things that requires this feature.

The most recent revision to PaperClip was the addition of the SpellPack. Unlike most other spelling correction programs, the PaperClip SpellPack program resides in memory and can be accessed immediately.

The SpellPack program doesn't run faster than other spelling checkers, but the instantaneous access to the Spellpack and similar return to the program is a major plus.

The PaperClip disk is unprotected, allowing one to make back-ups and/or set up different disks for specialized uses - such as a different

printer, different margins or a set-up for a particular use - whatever choices an author might want to make. A "key" in the joystick port provides program protection. Now, if only the PACE editor had a "key"..... I wouldn't have to use Atariwriter + for PACE articles.

Steve Fishbein

## BBS NEWS

The PACE participation in the ODDX BBS, giving PACE separate 8 bit and 16 bit SIBS with tremendous space for file storage and message bases, highlighted the month's tele-communication news.

At least two new independent BBS's went on line in October, the Power Station and Black Biyou, both using the Express BBS program. Atari BBS's now include:

ODDX/PACE (596-2710) at 300 and 1200 baud; Enchanted Forest (826-2227) at 300 and 1200 baud; Launch Pad (872-9428) now at 1200 baud; Enterprise Express (874-3734) at 300 baud; Pirates Place (877-2452) soon upgrading to 1200 baud; Eagles Nest (766-1516) at 300 baud; Power Station (851-2643) at 300 baud; and Black Biyou (887-1263) at 300 baud with limited (9PM to 6 AM) hours.

TO GET YOUR ARTICLE IN THE NEWSLETTER YOU CAN:

1:CALL JOE CULLEN AND SEND IT TO HIM VIA MODEM.

2:PUT THE FILE ON ODDX AND TELL JOE CULLEN TO PUT IT IN THE NL.

3:BRING IT TO A MEETING AND HAND IT OVER.

4:JUST CALL AN OFFICER AND RELAY THE MESSAGE TO THEM.

5:BUY A GUN AND GO TO JOE CULLEN'S HOUSE WHEN HE ASSEMBLES THE NEWSLETTER.

6:CALL STEVE FISHBEIN AND TELL HIM TO GIVE IT TO MARIA CAMPBELL AND HER TO GIVE IT TO DAVE KOSTER AND HIM TO GIVE IT TO CHESTER MARKS AND HIM TO GIVE IT TO MIKE FAZZI AND HIM TO GIVE IT TO LINDA MARKS AND HER TO GIVE IT TO LYNN CHAPMAN AND HER TO GIVE IT TO KEVIN JOHNSON TO PUT ON THE BOARD.

7:FORGET IT.



## ATARI AND THE PIRATES

(An excerpt from Computer Gaming World, downloaded from Compuserve)

"Computer Gaming World (CGW) gets a large number of letters from Atari owners complaining about the lack of new game software for their machine. We put this question to the manufactures, and the responses will provoke controversy. More than one company stated the copying (piracy) of Atari software was worse than that which occurred with other machines and that their sales figures did not justify greater support for the 8-bit Atari."

"Atari owners and user groups obviously deny these charges. CGW has no evidence that either side is right, but it is clear that game companies are normal American businesses. When sales are declining on a particular product an intelligent manager will allocate scarce resources to support products that are increasing in sales. There is a lesson to be learned from this discussion. Piracy occurs with every machine but a price will eventually be paid. If piracy becomes so severe that sales are minimal, then your machine will simply no longer have new software to copy. It doesn't really matter what the justification for copying was, the bottom line is no new games."

"CGW strongly urges our readers to be aware of the hidden costs of piracy and to consider these facts when you are asked to make a copy of a game."

["The Rigor of the Game" is copyrighted by Russel Sipe who is editor of COMPUTER GAMING WORLD magazine. CGW covers the computer gaming hobby and industry. For more info, write to COMPUTER GAMING WORLD, P.O. Box 4566, Anaheim, CA 98203-4566."]

I agree exactly with the analysis above. All PACE members, especially those who openly steal software and are proud of it, should give the issue more thought. Most of us wouldn't consider shoplifting, even a small item and even if there were no danger of being caught. The issues are the same, and no amount of rationalization on the part of the pirates will change this basic fact.

I've been around personal computers a long time, and in the past I've done my share of thievery. It's difficult to stop, and you are sure to gain the ridicule and animosity of the less mature segment of the crowd you hang with. I offer a partial solution, which I've adopted and seen many people adopt. If you get copied software, take a look at it. If you like it and are going to use it, BUY IT! If you're not going to use it, DESTROY THAT COPY RIGHT NOW! Hoarding and distributing stolen software will make you lots of friends, and if you need that to make and keep friends, that's your business. I personally prefer honor and self-respect, and the kind of friends that appreciate these traits.

As a side note, here's a note from CURRENT NOTES, the October 1986 issue:

The following two quotes are from the September 1986 issue of "Capital Computer Digest".

"The Software Publisher's Association is offering \$100 for information about any UJSJ or Canadian computer bulletin board allowing copyrighted software to be downloaded. Most don't, but if you know a law-breaker, contact (202) 452-1600 for details.

and

"Software publishers won a major skirmish against unauthorized copying last month in a "raid" on a bulletin board system in Cincinnati. The board had been running more than 40 Megabytes of copyrighted software for Atari users, all illegally. The Software Publisher's Association reported the closing as a joint effort of 12 publishers and software developers. Association director Ken Wasch expects the closing to be the first of many, stating, "fighting piracy is still one of the principal objectives of our organization."

Note that even if the closed board "wins" the resulting criminal lawsuit, which so far hasn't happened, the equipment confiscated is held as evidence until the completion of the action.



The PACE ST Special Interest Group (SIG) is just starting to grow, and I tell you it's exciting being a part of it! The present ST'ers (me included) have learned quite a lot from each other during from our monthly get-togethers.

Our public domain ST library is at 30 or so disks, about six megabytes of software. More is readily available if we want to spend the time and/or money. Just organizing the STuff we have already has been a pleasant problem.

We really haven't had the attendance I thought we would have at the SIG meetings, but once we really advertise our presence this should quickly change. I have beaucoupe fun at the meetings, which is why I go. One meeting we had four (2 520's and 2 1040's) machines running at once. Joe East has graciously hosted the last couple meetings at his house, and has said (it's in writing now!) he would be good for more. What a good guy! What a glutton for punishment! The meetings are the second Friday of the month at 7:00, and everyone with the slightest interest in STs or the desire to have a good time cheap is welcome to attend. Just give me a call (anytime) for directions!

If you hadn't heard, we completed the 1 Meg RAM upgrade on 2 machines and they're still tickin'. The instructions which have been circulating are mostly accurate but, boy, are they INCOMPLETE! It's on my agenda to update the instructions text file, but until that happens call us if you intend to dig in and try it. The upgrade isn't that difficult, but there are a few landmines to avoid!

Make sure you call the ODDX/PACE Bulletin Board [(804) 596-2710] for the latest ST news and fresh downloads. Drop me a line (to D Koster) before you sign off!

As always, thank you for your support!

#### COMPUTE MAGAZINE

Atari owners are well covered with reviews in the November issue. ST owners can read reviews of Hacker 2, Chessmaster 2000, and Music Studio. 8-biters can read up on Chessmaster 2000.

Want to load in Degas or Neochrome pictures from St Basic? Check the ST Outlook for just such a program.

Bill Wilkinson covers the Los Angeles Faire in Insight Atari. Be sure to check the info on the 3-D liquid crystal shutter glasses.

#### ANTIC MAGAZINE

If you're looking for a large memory storage device for your ST the new System HD+ coming from Astra may fill the bill. A 20 megabyte hard drive combined with a 1 meg 3.5 floppy disk, all in one could be very useful to programmers, sysops, and business users. Business Manager, from Reeve Software, gets a good review in the Special Personal Finance review section this month.

Suprise, suprise. Keith Ledbetter's BBS Express prograe gets a shining review.

Virtusonics has an excellent new Graphics and animation program entitled Virtuoso. Read the full ad on pages 58-59 for some details of it's special features.

Do you have a powerful well written piece of practical software that youcreated for your B-bit? Send it in to the Antic Practical Applications contest and you might win a 1040ST. Check page 77 for more info.

#### ATARI EXPLORER

Explorer is back and it's in the capable hands of Creative Computing former editor David Ahl and Elizabeth Staples. If you've had a nagging question about your ST, an answer might just be in this issue's Inside Atari as Mark Jansen answers the most asked ST questions.

ST and 8-bit owners can find out about the future of their machines in the To the Future article.

If you been thinking of getting a 20 meg hard disk for your ST, be sure to check out the review of the SH204.

All in all, this new Explorer is terrific. It's packed with reviews of ST and 8 bit software. Keep an eye out for this magazine.

# CLASSIFIED ADS

For Sale: 130XE \$ 90  
800XL \$ 30  
1050 drive \$ 90  
Silver Reed 800  
letter quality  
printer with  
printer interface \$225

Software: Syncalc \$ 20  
Synfile \$ 20  
Syntrend \$ 20

Call Jim Young at 865-3984 from 8AM to 4PM during  
the week or 643-3406 after 7PM.

## FOR SALE:

Blank disks for Pace Members--50 cents each  
(place orders with Chester Marks)

Chester Marks is selling the following:

1. P.R. Connection - He will give you \$50  
to come and get it.
2. Icebreaker (ideal for parties) U.S.  
Government issued USS Morro Bay.
3. Ford Escort ("Not my car")
4. Sparta Dos notes for those who missed  
lecture.

## WANTED: (ALL KIDDING ASIDE)

Articles, reviews, comments, Atari news,  
graphics, or any other contributions for the  
newsletter.

# PACE PUZZLE

VBNBI SEVRAHQ CQWPFZJUSYUPBXADCWU  
ZCHMSDDIUQRAGCJPFVFXNETYBJDARBBQ  
FINITIALIZEWIDRIBOGOSCIHPARGLR  
GWOVUFSSKLMCLYUFIPLNHHSSRNMXLZA  
MRIGINTERFACEHCTDVXXIAFBFIRATA  
OLDNUBREDORBNSAISKWYDVECIDISAGL  
TELCBCTYGLXQBBSLIRV6KRIAKCHNCA  
FJGWCNNRRHKKOIKALME6DRUSGPTLHFD  
LBDBITIGAGEDLEUGAU10YVITUSKBBVA  
AJRRUAICAWPTCEMBLPPYWXNOBKYPMD  
CUPUOPBAKPTGSCJTAGYROTINOMNAME  
SUJMRZAAAEZMSKKOTMIEIXROKBBKAUR  
AWRYZCTYCZKICQCDIVDSOIXFQCSHA  
FYQHECAPRZLMAFFFOVGEACCKAXYFHT  
UTTQIADGAGNYPUQNGBZRBKCIITSYQJ  
WUAXYRBDWJNEJPPFROZFIMYAMEDOMQH  
VHWLJKEIZBRENSCZVJDAXXFARHTOWY  
ZQKCI TSNURDKMMNEEVTMVHANZTHOLW

THANKSGIVING  
CRANBERRY  
GRAPHICS  
PASCAL  
BASIC

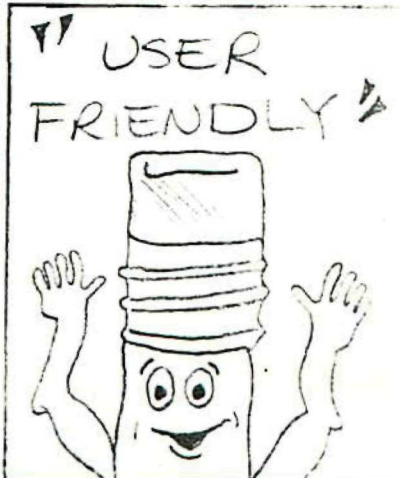
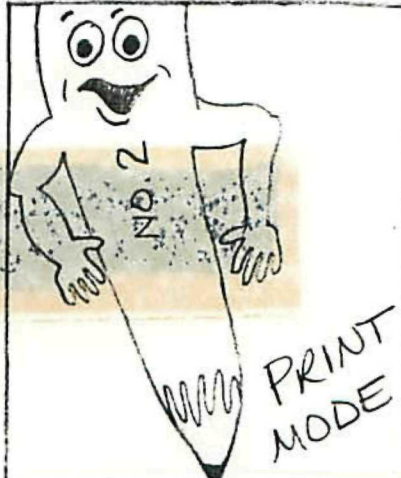
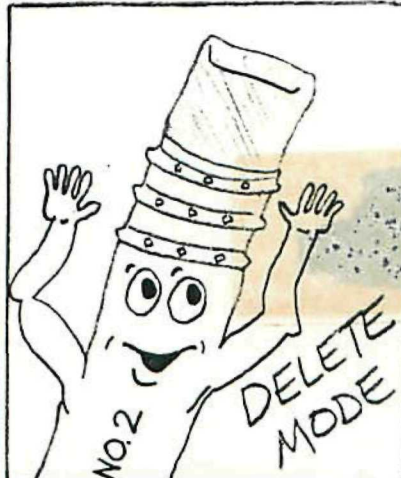
APPLICATIONS  
INTERFACE  
JOYSTICK  
MEMORY  
BIRD

BRODERBUND  
DRUMSTICK  
PRINTER  
ATARI  
PACE

SIMULATION  
DISKETTE  
MONITOR  
MODEM  
BYTE

INITIALIZE  
FOOTBALL  
HARVEST  
MAIZE  
DOS

OLD  
FASHIONED  
WORD  
PROCESSOR  
BY:  
HASL





# HAVE A HAPPY THANKSGIVING

**OFFICERS**

NL EDITOR:	JOE CULLEN	838-5326
LIBRARIAN:	MARIA CAMPBELL	596-5179
LAB COORD:	LYNN CHAPMAN	851-6292
TREASURER:	CHESTER MARKS	766-0454
SECRETARY:	STEVE FISHBEIN	877-1225
VICE PRES:	MIKE FAZZI	838-5680
PRESIDENT:	<del>DAVID HOSKINS</del>	838-9614
ASSISTANT EVERYTHING:	LINDA MARKS	

---

PAGE MEETS AT GLORIA DEI SCHOOL, CORNER OF FOX HILL ROAD AND WILLOW OAKS BLVD.  
HAMPTON, VIRGINIA. CALL ANY PAGE OFFICER FOR DETAILS TODAY!!!

---

P.A.C.E. WORLD  
JOE CULLEN, EDITOR  
834 CHURCHILL TERR.  
HAMPTON VA. 23666



**\*\*\*NOTE NEW ADDRESS!!! FIRST CLASS MAIL**

