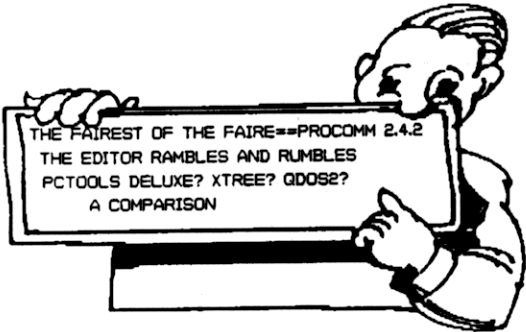


DYNAMIC MEMORIES

MAY

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
8	9	10 COME TO MEETING	11	12	13	14





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- 10. PCTOOLS DELUXE, QDOS2, XTREE, A COMPARISON by Editor

LOOK PAY ATTENTION ** The next SBUG meeting will be held at the Saratoga library. The meeting dates will be as follows: April 12th, May 10th and June 14th.

The time of our meetings is constant // 19:15, otherwise known as seven fifteen P.M.

COMING EVENTS:: The steering wheel on the steering committee came unglued. I will reserve comment on coming events.

MEMBERSHIP

If you wish to become a member of SBUG and start receiving our newsletter DYNAMIC MEMORIES then send a \$20 check or money order to the following address:

SOUTH BAY USERS' GROUP
P.O. BOX 60116
Sunnyvale, CA 94088

Or come to one of our meetings.. We also perpetrate a bulletin board to which you will have access as a member of SBUG.

**Echoes of the faire**

SBUG STEERING COMMITTEE

TITLE	NAME	USERNAME	PHONE
Chairman:	Chris Oman	OMAN	(408) 985-9460
Treasurer:	Henry Schulze	HENRY	(408) 866-5731
Editor:	Joel Lee	EDITOR	(408) 926-3999
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Librarian:	Frank Gottschalk	FRANK	(415) 651-2313
Sysops:	Wright Huntley	WRIGHT	
	Jim Gonsalves		(408) 241-9347
Technik:	Frank Vanslager		(408) 257-3647

OTHER KEY INDIVIDUALS Cover designer: Wright Huntley

Host computer:	SBUG	ALL	(408) 249-8259
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If the need arises feel free to give anyone of us a call.

THE EDITOR'S BYTES AND BITES

If there was nothing technically new at the fair, there was, is a new ambient. People who previously regarded computers as something for highly technical specialists and slightly nutty teenagers are now beginning to see that computers are for them. It is obvious by the people who visit the faire, their type, the occasional snatches of conversation overheard.

More and more of the people I deal with are convinced that they need a computer. These are mostly small business people, the plumber, the carpet cleaner and all the etcetera. It's general. Almost all of them have decided that a computer will alleviate them from the hardships that the blizzard of paperwork the government imposes on them.

This is something long overdue. Of course the small entrepreneur will be ahead of the larger companies-- his living depends on it. The larger companies with more of a cushion and more of a disposition to be conservative will take longer. In apartment management I have yet to see a medium or even a large sized complex with a computer supplied by the company.

SBUG Financial Statement
March/April 24, 1988

Receipts:	April	Y-T-Date	% Used	Budget
Members dues	0.00	40.00	5.00%	800.00
Disk Library	12.00	89.00	59.33%	150.00
Load80	25.00	40.00	13.33%	300.00
Documentation	0.00	.00	.00%	25.00
Interest	6.89	10.70 *	42.80%	25.00
Miscellaneous	0.00	60.00	30.00%	200.00
<hr/>				
Total Receipts	43.89	239.70	15.98%	1500.00

Disbursements:

Phone	7.71	57.71	38.47%	150.00
Utilities	0.00	.00	.00%	120.00
Printing	0.00	.00	.00%	100.00
Postage	25.00	47.00	36.15%	130.00
P O Box	0.00	.00	.00%	29.00
Bank charges	0.00	.00	.00%	24.00
Disk Library	0.00	.00	.00%	120.00
Documentation	0.00	.00	.00%	50.00
Load80 Subscription	0.00	.00	.00%	150.00
SBUG BBS Repairs	0.00	.00	.00%	100.00
Misc. Expenses	0.00	69.00	55.20%	125.00
<hr/>				
Total Disbursements	32.71	173.71	15.82%	1098.00
Beginning Cash Balance	883.22	828.41	100.00%	828.41
Net Receipts	11.18	65.99	16.42%	402.00
Ending Balance	894.40	894.40	72.69%	1230.41

*This amount includes \$2.17 received in 1987 but posted in 1988.

THE 80MICRO DISK FOR THE SECOND QUARTER APR/MAY/JUN '88
HAS ARRIVED AND WILL BE AVAILABLE FOR REVIEW AT THE MEETING

DEDICATION

This edition of DYNAMIC MEMORIES is dedicated to Frank Vanslager because it has all its pages in order, a most remarkable thing.

DISCOVERED AT THE FAIRE

Of course I went to the faire! It was a great success aside from the fact that I was there. I'll give you as much of a report as I can. Unfortunately my feet are not nearly as strong as my curiosity. I just didn't get around as a good reporter should.

The faire was a success. I didn't need feet to see that. It wasn't quite packed on the Saturday I was there, but close to it. The newspapers had reported that IBM was the focus of attention. Newspaper reporters have a habit of seeing things that no one else sees. The IBM exhibit was just what you would expect. Close your eyes and think ---IBM---. You got it. Trust your instincts.

I saw nothing new, nothing that you haven't heard of. Scanners are ever more present. EGA is the standard for monitors. No one presenting a product or program would think of using CGA. On the other hand VGA is not noticeably present.

WORD PERFECT had the largest exhibit I have ever seen for a program. They are pushing 5.0. I had already sent for my upgrade (\$60.00). From what I heard I probably won't get it until June. WP will be shipping between the 18th and 20th of April but they're so backlogged with orders that people like myself will have to wait for a while.

I hung around awhile as the salesman for WP made his pitch. Because I know WP reasonably well he was able to play off me as the straight man for the assembled mini-crowd. I really liked what I saw.

WP 4.2 can change fonts but it's not an easy function to access. In 5.0 I know I'll be using it. There were a number of other functions both new and improved. On the down side I will have to make up all new macros. The literature I received told me that I would lose my thesaurus also, a foul blow because it cost me extra. The salesman told me no, that I would be supplied with a new thesaurus. Of course I've learned to trust salesmen over the years.

The macros-- well, I have about 50 macros in Word Perfect that I use all the time., and making up 50 new macros will take a while. On the other hand WP macros are fast, powerful and easy to make.

One of the most important new features in 5.0 will be its use of graphics. It will have a snapshot feature similar to the one I am using in FIRST PUBLISHER to capture graphics from other programs. Style sheets have been added also. I couldn't abide them in WORD. They look good in WP and after watching the salesman I already know exactly how I'll use them and how much time they'll save me. The combination of a powerful work processing program with the capability of switching fonts and capturing and incorporating graphics is truly gratifying. It will be almost-- not quite, a fully fledged desk publisher.

For this edition of DYNAMIC memories I am once again using FIRST PUBLISHER. I write the text in WP, save it in ASCII form, copy it to FP where for some reason I first have to load it as >.txt< save it as >.pub< then load it as >.pub< and do quite a bit of formatting. I'll be happy to try 5.0 to see how it will compare to what I'm doing now.

I have a program called PERFECT PAL that contains about 150 macros all made up. This is part of the support market that has grown up around the huge success of WP. I wonder how many of these programs will have to be discarded with the advent of 5.0?

The first exhibit visible as one entered the faire was KAYPRO. If you're interested in a KAYPRO XT clone their standard model is as follows:(from the brochure)

Processor: 8088 compatible V-20 microprocessor
4.77/10Mhz 8087 socket
Memory: 768 KB standard
Drives: Dual 360KB disk drives
Ports: At compatible serial and parallel
Expansion: Nine slots, 6 for user options
Display: 12 inch monochrome monitor. Multivideo
graphics adapter, EGA, CGA, MDA and
Hercules compatible on most monitors.
Keyboard: Enhanced 101-key keyboard

WordStar Professional 4.0 with thesaurus, MSDOS and GW Basic are bundled with the above. One year warranty. I didn't ask the price and I can't find it in PC Magazine.

THE CAT IMAGE SCANNER

Scanners are coming on strong. To me they mean an easy way of taking text from printed copy and putting it into the computer without the use of my dubious stenographic skills. This one is from Computer Aided Technology Inc. I will quote from the brochure:

Converts Images into PCX, TIFF(Tag Image File Format) or PFF(Print File

Format)

Operates with EGA, CGA, and Hercules graphics.

Provides 128 grey levels with software selectable light/dark contrast control.

Selectable resolution

- 50 to 300 dots per inch horizontal

- 54, 74, 144 or 216 dots per inch vertical

Dual scan mode

- Line art mode for technical drawings.

- halftone mode for photographs.

User defined print scale of picture with auto-proportion and sizing of image.

And much more. (Editor's note: After they've told you everything they can think of they tell you there's much more.)

Here are some of the possible uses for this scanner.

Copying schematics. (The example they show in the brochure is all any engineer could ask for.)

Scanning images such as a black and white photograph.

Making posters (from photographs or whatever)

Making viewgraphs (for projector presentation)

Making T-shirts (in case you want an alternative career.)

Modifying images for touch-ups. (by PC Paintbrush, Ventura Publisher and etcetera)

Scanned images may be sent through a modem

The maximum scan area is 6" by 36" for a narrow carriage printer and 12" by 36" for a wide carriage printer.

All of this may be yours by sending a check for \$195.00 to:

Computer Aided Technologies
7411 Hines Place, Suite 2112
Dallas, TX 75235

If I had a scanner I could have copied all this information direct from the brochure together with the schematic and the photographs they use as examples. I'm salivating.

Continuing on through the faire I ran into an advertisement for the "IBM AT Clone Buyer's Guide and Handbook." These good people will furnish you with the IBM XT Clone Buyer's Guide for \$9.95, the IBM AT Clone Buyers Guide for \$24.95 and the 386 Computer Buyer's Guide (due out in May) for \$24.95. I was going to hang around and tell people that they could get all of that (and more, always of course, more) by joining SBUG (only \$20.00) The hucksters don't always appreciate that.

When I was checking out Word Perfect 5.0 the salesman was quite happy with me until I said that trying to memorize WP's function key commands would drive anyone up the wall, that it was necessary to reduce them to mnemonics. That earned me a Perfect Glower. The same thing happened when I told the DESQview man that DESQview had trouble with graphics.

"What graphics?" he said.

"Fantasy and First Publisher." I said.

"I've worked with First Publisher and DESQview." he said. And went hastily on to something else. It's true what he said about First Publisher. Sometimes it will work with DESQview and sometimes it won't. It was quite noticeable that the DESQview salesman didn't notice me from then on, even when I stuck my tongue out at him.

The best deal on a portable has to be the Toshiba T1000. It was on sale at the faire for \$749. I didn't get all the specs on it, but it's usually sold with 528K RAM and one 3 1/2 disk drive. MSDOS is in RAM. The T1100 was on sale at 1395. That comes with two 720K disk drives.

I hung out for a while in two restaurants (where they sell the beer.) The quality of gossip was not up to our standards so I won't repeat it.

That about takes care of my faire going. If any of you went you might write it up for DYNAMIC MEMORIES.

PROCOMM 2.4.2
A review by Editor

Like most of you, PROCOMM has been my communications program of choice ever since I was dragged, kicking and screaming, over to MSDOS. I finally decided to make an honest man of myself and sent \$35.00 to DATASTORM TECHNOLOGIES INC. as they are

now known.

For my money I got the latest version of the shareware program. (DATASTORM has now gone commercial-- more on that later) This version comes with a hundred page manual on disk.

Have you ever printed out a hundred pages from disk? It takes the patience of Job and the skills of a heart surgeon. The success rate is probably not as good as the heart surgeon's. On

my daisy wheel I can come fairly close. On the Epson it's a total disaster. Anyway, I did print it out and that's why you're

getting this report.

It is generally agreed that there simply is no better communications program than PROCOMM. 2.4.2 is latest version and certainly keeps up their deserved good reputation. The files come in ARC form with ARCE.CMD which de-arcs the files-- a very handy little program to have around all by itself.

There is a special file on the disk, PRCM242.NEW with a list of fixes and upgrades. Some of them are listed below.

- All new high level command language. Use CMDCNVT.EXE to convert old scripts to the new format. (Consult the documentation for a complete description of the new command language.)
- Compuserve B protocol now supported.
- Windowed XMODEM (WXMODEM) now supported.
- Added Tab handling to Redisplay buffer.
- Added modem cmd suffix, defaults to CR.
- Added default download directory.
- Added BS key definition (BS or DEL)
- Added Kermit handshake setup
- Added kb macro files.

-VT100 and VT52 now support all print functions.

-VT 100 now supports programmable tab stops.

-Keyboard macros can now be used in chat mode.

-Added host autobaud to host mode. 2 methods. -Method 1 uses the messages sent by the modem i.e. CONNECT 1200.

-Method 2 uses incomipong character checking. Remote caller press CR or space bar a few times for host to detect baud rate.

-Added useable setable break length.

As any fool can plainly see PROCOMM in their metamorphosis as DATASTORM TECHNOLOGIES INC. has been hard at work. I can see it plainly. There are a number of bugs that have been eliminated which I haven't bothered to list.

PROCOMM+ is advertised in the national magazines selling at \$75.00. I will quote from the advertisement where it seems that they are offering things not included in the shareware product.

"--context sensitive help, twelve error correcting file transfer protocols with two designed specifically to accomodate high speed error correcting modems." "--and ASPECT our powerful script command language."

One can only give an E for Excellence to the PROCOMM people. They have entered the commercial world and have not left the shareware world. I haven't tried out the new program yet, have only browsed through the manual, but given the excellence of their previous product I expect nothing but improvements.

SOME MISCELLANEOUS RAMBLINGS AND RUMBLINGS

I was quite happy to achieve a semi-dominance of FIRST PUBLISHER. I do think that it produces a superior newsletter (as to looks, not necessarily as to content.) The inclusion of graphics is a definite plus. Imagine my crushed spirit when I read the review of FP in PC MAGAZINE. "--in conclusion, once one has tried FIRST PUBLISHER one will soon be anxious to go onto a more powerful program." And I thought I had something. Of course these people think in terms of \$695.00 desk publishing programs, laser printers and VGA monitors where they can admire what they have done.

I just ran into an advertisement in the newspaper for an onsite manager for a 300+ apartment complex. They advertise themselves as very modern and !gasp! computer-

ised on site. Do you suppose the industry is in process of catching up with me?

A few days ago the clock on my computer went haywire. This clock is part of the '386 board installation. First they told me that they were familiar with the problem, that it was a faulty chip. So I said give me the chip and I'll ask my friends to install it. They agreed on condition I brought the old chip back.

Bernie Thompson and Chris Oman were kind enough to do the installation for me. At first it looked like the problem was solved, but a day later the clock was losing between 5 and 10 minutes an hour whether the computer was on or off. Back to the shop.

They worked on it and returned it the next day. It wasn't fixed and it had a new problem, it sometimes wouldn't boot from the hard disk. Back to the shop. I went in two days later to pick it up. The technician really hadn't found the problem. The chief technician came over while we were talking and said that DOS 3.2 sometimes had a problem with the time. He had the documentation. So they installed 3.3.

I brought it back and everything works fine. The clock keeps better time than it ever did. 4:07 pm. There you go. If this seems like a complaint, it isn't. It is really a large compliment to DYNA. (Where they sell the computers and '386 boards). Where do you get one and two day turnarounds? Where are they willing to talk to you and listen to you? Bernie Thompson as an engineer was impressed with the construction of my DYNA computer. I'm impressed with the fact that they want to do a good job, with their cooperation with a customer. DYNA is basically after OEM sales. Nevertheless they made the effort to help this one time client. It shouldn't be necessary to recommend them. This history does that.

I currently have 3 DOS utilities on my hard disk, XTREE, QDOSII and PCTOOLS DELUXE. In the middle of my writing the PROCOMM article I had to format a floppy in order to copy some files from the PROCOMM program disk. So I went into Util and told Format.com to format A:. Format.Com told me that I had the wrong version. My goodness. Now what do I do? I couldn't find Format.Com on XTREE, QDOS2 doesn't have it. Then I remembered I had recently acquired PCTOOLS DELUXE. Trusty PCTOOLS did have format and I used it. It took forever. I was going to have myself a real problem if it hadn't been for PCTOOLS. It occurs to me that there might be some point in making a direct comparison of each one with the others. Segue into:

PC TOOLS DELUXE, QDOS2, XTREE, A COMPARISON

by Editor

My favorite of the three is QDOS2. It gives a great deal of necessary information at

boot up. I previously published a copy of the major QDOS2 screen but for purposes of comparison I will print on successive pages copies of the QDOS2, XTREE and PCTOOLS DELUXE screens.

Directory Tag View Copy Move Find Erase Rename Space Attribute Print
Change current directory, make or remove directory, see directory tree

PATH >> C:\

Count	Total Size	File Name	Size	Date	Time
56 Files	1,267,798	386ID .COM	1,097	12- 9-87	3:30p
20 Directories		386MAX .COM	9,164	12- 9-87	10:34p
0 Tagged	0	386MAX .PSS	20,038	12-10-87	3:15p
		386MAX .SYS	47,574	12-10-87	3:15p
		386MAX .UPS	1,552	12- 9-87	10:34p
		ABENCH	<DIRECTORY>	11-25-87	11:44a
		AGWBASIC	<DIRECTORY>	1- 6-88	7:49p
		AMACE	<DIRECTORY>	11-25-87	11:47a
		ANSI .SYS	1,651	12-30-85	12:00p
		AREFLEX	<DIRECTORY>	11-25-87	11:47a
		AUTOEXEC.BAT	57	2-27-88	7:30p
		AUTOEXEX.OLD	129	1-14-88	3:37p
		BACKUP .M_U	58,880	1- 1-80	12:04a
		BROWSE .COM	958	1- 2-86	3:54a
		BUDIINFO	<DIRECTORY>	3-28-88	3:03p
		CASH .BAT	36	3-24-88	10:14a
		CHKDSK .COM	9,832	12-30-85	12:00p

F1- Help F2- Status
 F3- Chg Drive F4- Prev Dir
 F5- Chg Dir F6- DOS Cmd
 F7- Srch Spec F8- Sort
 F9- Edit F10- Quit
 SPACE BAR- Tag file
 ESC- Abort Command

G-DOS II -- Version 2.00
 Copyright (c) 1986
 GAZELLE SYSTEMS - Provo, Utah

Thu - Apr 21, 1988		3:45:04p	
Files Selected for Display *.* NORM DIR		Current Startup Drive C	
G-DOS II (c) Copyright 1986 by Gazelle Systems -- Provo, Utah			
Sort Sequence ABC		Drives Available || . ||	
Caps Lock OFF	Num Lock OFF	Scroll Lock OFF	Ram Memory Installed: 635K Free: 399K

Below you will find XTREE. XTREE certainly has its advantages but it's just not as handy nor as informative as QDOS2.

Path: \

\ <ul style="list-style-type: none"> ABENCH AGWBASIC AMACE AREFLEX BUDINFO DV FILEPLUS FY1 LFYHELP GOFOR IP1 MC MOAIC 			FILE: *.*
			DISK: C:
			Available Bytes: 4,257,792
			DISK Statistics
			Total
			Files: 1,180
			Bytes: 15,543,946
			Matching
			Files: 1,180
			Bytes: 15,543,946
			Tagged
			Files: 0
			Bytes: 0
			Current Directory
			\
			Bytes: 1,360,483
3B6ID .COM	3B6MAX .UPS	BACKUP .M_U	
3B6MAX .COM	ANSI .SYS	BROWSE .COM	
3B6MAX .PSS	AUTOEXEC.BAT	CASH .BAT	
3B6MAX .SYS	AUTOEXEC.OLD	CHKDSK .COM	

DIR Available Delete Filespec Log disk Makedir Print Rename
 COMMANDS ^Showall ^Tag ^Untag Volume eXecute
 scroll RETURN file commands ALT menu F1 quit F2 help

As you can see the layout of QDOS2 is completely superior. Most of the information QDOS2 is only needed once in a while, but it's nice to have it there when you do need it. QDOS2 wins on speed and simplicity for the basic functions too-- copy, delete, rename which I believe probably constitute 90% of the use of this type of utility.

XTREE has come out with an upgrade. I haven't seen it and obviously can't comment on it. Certainly PCTOOLS DELUXE which follows is a quantum jump ahead of the original PCTOOLS as far as power goes. I like the thorough way QDOS2 checks each part of the process. It saves me from a lot of errors with my hasty pudding approach. It's thorough but not slow. I got myself into trouble with XTREE one time deleting files and had to go to my hard disk backup. I don't know just how I did it, it may just be one of my unique talents. On the other hand it never happened with the original PCTOOLS and QDOS2 has the built in safeguards I referred to.

PCTOOLS DELUXE has to get the palm as the powerhouse of these utilities-- but not for ease of use nor for design. Compare the three screens presented on pages 11, 12 and 13 and I'm sure you'll agree that QDOS2 is easily the most understandable, clear and informative.

PC Tools Deluxe R4.11					Vol Label=None				
File Functions					Scroll Lock OFF				
Path=C:*.*									
Name	Ext	Size	Attr	Date	Name	Ext	Size	Attr	Date
IO	SYS	22357	HSRA	7/24/87	CHKDSK	COM	9832	....	12/30/85
MSDOS	SYS	30128	HSRA	7/24/87	COMMAND	COM	25276	...A	7/24/87
386ID	COM	1097	....	12/09/87	CONFIG	BAK	62	....	2/07/88
386MAX	COM	9164	....	12/09/87	CONFIG	SYS	85	....	2/20/88
386MAX	PSS	20038	....	12/10/87	DB		2341	....	3/09/88
386MAX	SYS	47574	....	12/10/87	DDIR	COM	796	....	9/05/85
386MAX	UPS	1552	....	12/09/87	DIRSORT	COM	6292	....	1/21/85
ANSI	SYS	1651	....	12/30/85	DV	BAT	51	....	12/08/87
AUTDEXEC	BAT	57	....	2/27/88	EDLIN	COM	7261	....	3/07/85
AUTDEXEX	OLD	129	....	1/14/88	FF	COM	22330	....	1/15/88
BACKUP	M_U	58880	....	1/01/80	FFIX	COM	3590	....	4/01/86
BROWSE	COM	958	....	1/02/86	FILE0000	CHK	4096	....	1/15/88
CASH	BAT	36	....	3/24/88	FILE0001	CHK	4096	....	2/21/88
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+									
: 61 files LISTed = 1360483 bytes.					: 61 files in sub-dir = 1360483 bytes. :				
: 0 files SELECTed = 0 bytes.					: Available on volume = 4218880 bytes. :				
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+									
: Copy Move cOmp Find Rename Delete Ver view/Edit Attrib Wordp Print List :									
: Sort Help <+=SELECT F1=UNselect F2=alt dir 1st F3=other menu Esc=exit PC Tools:									
: F8=directory LIST argument F9=file SELECTION argument F10=chg drive/path :									
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+									

There is power here to spare. PCTOOLS DELUXE has everything but the kitchen sink and I'm not too sure that that isn't an undocumented feature. One of the documented features is memory residence which is done on installation. It may be removed from memory simply by pressing the F 3 key.

On page 14 I am printing two more of the screens from PCTOOLS DELUXE. If you like it easy (slothful you) then go to QDOS2. If you want raw power (remembering that power corrupts) then you have met your mate in PCTOOLS DELUXE. If you're a stick-in-the-mud then stay with XTREE.

PC Tools Deluxe R4.11

Disk and Special Functions

```
+-----+
:DISK SERVICES: Copy cOmpare Find Rename Verify view/Edit Map Locate iNitalize!
:SPECIAL SERVICES: Directory maint Undelete system Info Park Help      :
: F3=file srvc F10=F3+chg drv Esc=exit PC Tools                       :
+-----+
```

PC Tools Deluxe R4.11

System Information Service

```

                Computer - IBM/PC AT
    The BIOS programs are dated - 10/23/87
                Operating system - DOS 3.30
    Number of logical disk drives - 5
        Logical drive letter range - A thru E
                Serial Ports - 2
                Parallel Ports - 2
                CPU Type - 80386
    Relative speed (orig PC=100%) - 825%
        Math co-processor present - No
    User programs are loaded at HEX paragraph - 1643
    Memory used by DOS and resident programs - 91184 bytes
        Memory available for user programs - 564176 bytes
        Total memory reported by DOS - 640K
    PC Tools has found the total memory to be - 640K
        Color Graphics Adapter present
            Expanded memory total - 1552K, in use - 1552K
```

Press any key to return

South Bay TRS-80 Users Group
P.O. Box 60116
Sunnyvale, Ca 94088

FIRST CLASS MAIL