

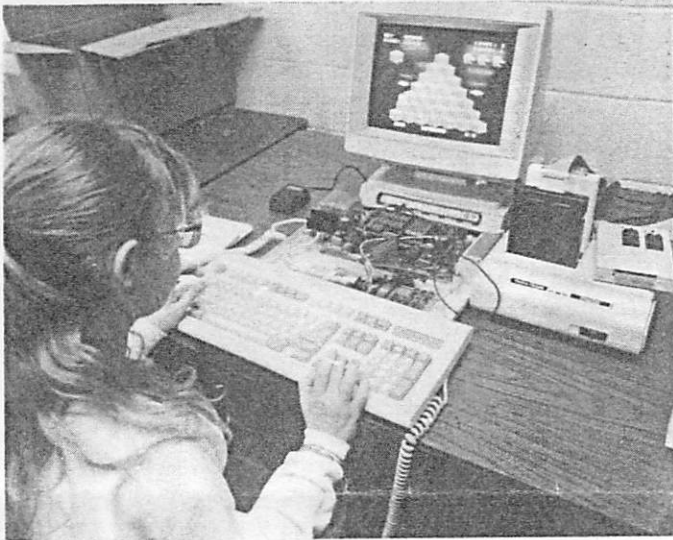
6809

EXPRESS

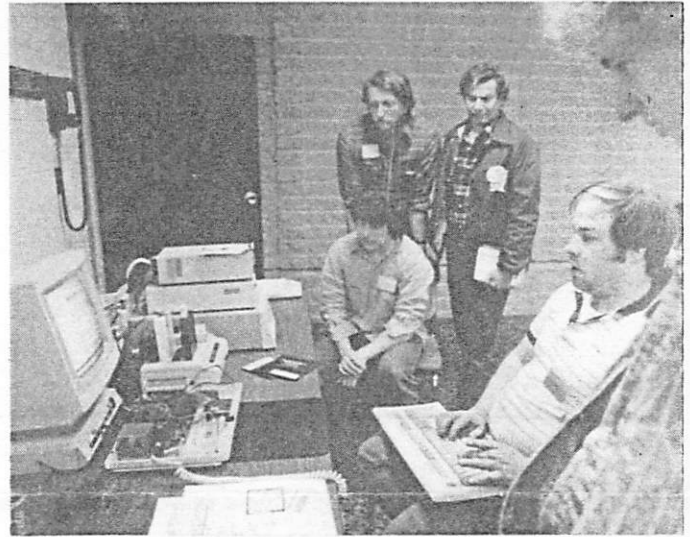
The Official Publication of the
PENN - JERSEY COLOR COMPUTER CLUB

VOLUME 5 NUMBER 5

MAY 1988



Miss Belsky tries the IBM style keyboard on a CoCo, just like the one her "dear-old-dad" Chet promised her for her, CoCo 1.



Bruce Navarre demonstrated a CoCo 3 with an IBM-style keyboard adapter and keyboard and a 40-meg hard drive system running OS-9 at the last meeting of Penn-Jersey Color Computer Club. At this month's meeting Bruce will demonstrate some more software for the CoCo 3 and a 2400 baud modem. Be sure to attend.

Texas man on trial for using computer "virus" on ex-employer

A programmer deleted more than 168,000 files from his ex-employer's computer by infecting it with an electronic "virus," said officials in Fort Worth, Texas, who are prosecuting him on felony charges.

Donald G. Burleson, 39, faces a charge of "harmful access to a computer," and is free on a \$3,000 bond pending his July 11 trial. If convicted, he could be sentenced to 10 years in prison.

An indictment accuses Burleson of executing programs "designed to interfere with the normal use of the computer" and acts "that resulted in records being deleted."

Police describe the electronic interference as a

"massive deletion" of more than 168,000 records of sales commissions for employees.

Burleson is believed to be the first person charged under the Texas law which took effect Sept. 1, 1985, and prohibits computer sabotage.

Three weeks after the law went into effect, USFA and IRA Co., a Fort Worth based national securities and brokerage concern, noticed a problem with its computer system, investigators said.

An investigation revealed that an intruder had used a "backdoor password" at night to gain access to the computer

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MEETING THIS FRIDAY, MAY 27th 7 pm

MINUTES OF APRIL 29, 1988 MEETING

President Paul Eckhart called the meeting to order. The minutes of the March meeting were accepted as printed in the newsletter. Tom Castronuova read the Treasurer's Report and it was accepted. President Eckhart welcomed the new faces at the meeting.

OLD BUSINESS:

Clyde Gano will bring the disks to be sold at the next meeting. They are still fifty cents each.

NEW BUSINESS:

There are two new additions in the library: TSGAE and Ultimaterm. Bruce Navarre donated many items to the club and they will be catalogued and reported on at the next meeting.

Tom will call old members to make them aware of the new social member status and to see if they are interested in becoming social members.

The meeting was adjourned and Bruce Navarre gave an informative presentation on insights into the COCO 3.

Submitted by:
Mary A. Brown



Bruce Navarre presents hardware items and lots and lots of software to PJCOC Librarian Danny Zacharias at the April meeting. Bruce donated the items and will bring more to the May meeting to donate to the club. Look for a complete listing in next month's newsletter or better yet, come to this month's meeting this Friday, May 27 and see just what some of the "goodies" are.

MORE ON COCO 3 THIS MEETING

Bruce Navarre, who demonstrated an IBM-style keyboard hook-up to a CoCo at last month's meeting, has promised to come back for the May meeting, this Friday, May 27th and show us some more "goodies".

Also demonstrated last month by Bruce was a 40-meg hard drive with a CoCo and OS-9. This month he will demonstrate a 2400 baud modem if telephone arrangements can be made and some other items.

So be sure to come this Friday to see the latest from OWL-WARE and other offerings from Bruce.



GUESS
WHO?

Texas man on trial
Continued from front page

and covered his tracks by erasing computer logs that would have documented his activity.

Burleson, a computer-security officer who had been fired two days before the infection, was one of only a few of the 200 workers in the home office to have access and knowledge needed to sabotage the system, officials said.

A computer "virus" is a program that can severely damage a system's regular software. Viruses can be transmitted among systems through contaminated software, as was the case at Lehigh University a few months ago, or it can be picked up from programs downloaded from electronic bulletin boards (BBS's).

"You can see it, but you can't see what it does -- just like a human virus," said Davis McCown, chief of the Tarrant County, Texas, district attorney's economic crimes division. "It had the ability to multiply and move around and was designed to change its name so it wouldn't be detected."

6809 EXPRESS
PENN-JERSEY COLOR COMPUTER CLUB

The "6809 EXPRESS" is the official monthly publication of the PENN-JERSEY COLOR COMPUTER CLUB. The club is based in the greater Lehigh Valley area of Northeastern Pennsylvania including sections of Northwest New Jersey. Any club or non-profit organization may reprint any part of the newsletter as long as credit is given. PJCOC will gladly exchange newsletters with any other computer club. For any written correspondence send your request to EDITOR, 6809 EXPRESS, Penn-Jersey Color Computer Club, P.O. Box 2742, Lehigh Valley, Pa. 18001.

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ED JUGE

Tandy Topics

By Ed Juge
director of market planning
TANDY Corporation/ RADIO SHACK

NEW PRODUCTS ?

You probably have heard by now about our latest product introductions. The press conference was held April 21, at New York's Pierre Hotel.

The new Tandy® 5000 MC MicroComputer is a very high-performance personal computer system featuring a 20 Mhz. 80386 processor, 82385 memory cache controller with 32Kb of static ram (95% of processor requests are at 0 wait states), and VGA graphics on the main logic board. Video support includes VGA, MCGA, EGA, and CGA modes. In its basic configuration, it includes 2Mb of dynamic RAM using 256K SIMM modules, expandable to 4Mb (or to 16Mb using 1Mb SIMMs.) The disk drive is a 1.44Mb 3.5-inch unit. There is space for three more internal storage devices. The 5000 MC includes two dedicated, high-speed, 32-bit memory slots plus five standard IBM® Micro Channel™ (two 32-bit and three 16-bit) expansion slots. Also included are a mouse port, asynchronous communications (RS-232) port, and parallel printer port. The price of this basic unit is \$4,999.

The 5000 MC is an excellent high-per-

formance platform for MS-DOS 3.3, Microsoft® OS/2, and SCO® XENIX® 386, all of which will be available as options.

Hardware options include three VGA monitors, one monochrome and two color (.42 or .31mm dot pitch.) In addition to the 3.5-inch standard disk drive, one more 3.5 and two 5.25-inch devices will mount inside the small (6-1/8 X 17 X 15-inch) desktop unit. Hard disk controller options include ST-506 MFM, providing 460Kb/second total throughput (supports two hard disk drives: 84Mb 15ms and 40Mb 19ms), ESDI (for future configurations) which will support two drives for 1Mb/second throughput, and SCSI (for future applications) which will support multiple SCSI devices.

Deliveries of single unit orders and evaluation samples are scheduled for June, with multiple-unit shipments in July.

Typical configurations including the necessary Tandy-supplied options, include a 40Mb hard drive version at \$6,499 and an 84Mb HD version with the high-performance ST-506 controller at \$6,999. These products will be available through Radio Shack Computer Centers®, Plus Computer Centers and participating dealers.

THE QUESTION OF LICENSING

Since there have been many questions about licensing, I will quote the comments of Dr. John Patterson's speech at the announcement...

"The new Tandy 5000 MC contains elements that may require licenses, as do all of our computers. We are not currently aware of any issued patent that applies to this product except for those that we have been licensed to use.

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EDITOR'S COCO TIP NO. 1

Here is a tip - should be number one - always do saves to your disk while working on any program - especially word processing because anything can happen when you least expect it.

While working on the current newsletter, after typing for about an hour and I was just about to make a save to disk, when I accidentally bumped my table slightly and my old Radio Shack power strip, like some usual Radio Shack items, engineered backwards, fell over on the switch and shut everything off - JUST WHEN I WAS JUST TYPING IN MY DISK SAVE COMMAND. What luck, so I had to retype e v e r y t h i n g. Of course I didn't have my power strip mounted to the table or the wall, especially since not long ago I fixed up a room for use as a "computer" room and I hadn't had a chance to fasten everything down. But why did Radio Shack make a power strip that sits on its side rather than the other makers? Oh well, a lesson well learned - now to remember to make disk saves often while working on any computer input software.



Bruce Navarre demonstrated a CoCo 3 with an IBM-style keyboard adapter and keyboard.

Tandy Topics

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"The following statement was prepared with IBM for this announcement:

"QUOTE: 'The product we are announcing today is covered by our existing patent license agreement with IBM. IBM has informed us that PS/2 patents to be issued to IBM in the future are not licensed and will be the subject of future license negotiations.' END QUOTE

"To be more correct, Tandy is licensed for all IBM computer patents, including some unissued PS/2 related patents. There may be other PS/2 unissued patents that are the subject of the negotiations.

"With respect to the Computer Automation patent relating to automatic memory allocation, our legal and technical opinion is that we are using a standard alternate approach that is different from the Computer Automation method. We have been offered a license by Computer Automation if it is ever needed in the future. We also have the cooperation of our suppliers in avoiding patent problems. We consider the actual relationship between Tandy and others regarding patents, licenses and royalties, to be completely confidential information. The design of this product and the conduct of business related to the Tandy 5000 MC has been done in our normal professional and ethical manner."

TANDY THOR™ - CD

Talk about excitement! Here's a new technology everyone could understand. As one reporter put it, "even Joe Six-Pack" could understand this one.

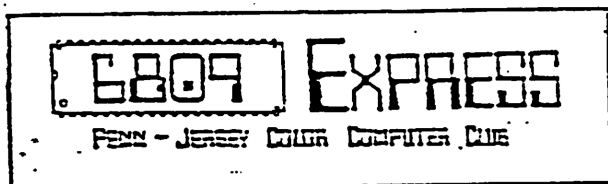
You all either know first-hand, or have heard about the benefits of digitally-encoded

Compact Discs. Accurate reproduction of sound, extreme dynamic range (the softest sound you can hear can be reproduced without distortion) and the absence of record or tape noise. With all the benefits, there has been one serious limitation. Until now, you couldn't record... at least not within the budget of most non-professional users. And you couldn't erase and re-record.

Tandy scientists have developed a CD -- the disk itself -- which can be recorded, played, erased, and re-recorded many times, on inexpensive hardware. Of course no such hardware exists today, and it will take about 18 to 24 months to get it into production. But, unlike current CD players which started at over \$1,000 and today sell in the \$200-400 range, we expect even the early version recorders could retail at under \$500.

The disks should be only slightly more expensive to manufacture than current CDs. They will playback on current players. They will hold about the same amount of music or data as current CDs, and the playback characteristics should be the equivalent of any current CD.

The CD industry has been working for years to develop this technology. Tandy High-intensity Optical Recording (THOR) is a technological breakthrough and an industry first! Just like current CDs, THOR-CD playback technology follows the technique of reading microscopic pits formed in a light-reflecting surface. But with TANDY THOR-CD, those pits are erasable, allowing editing and re-recording.



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