# 6809 EXPRESS

*The Official Publication of the*

PENN-JERSEY COLOR COMPUTER CLUB

VOLUME 4 NUMBER 9 SEPTEMBER 1986

The Community Breakfast at RAINBOWfest.

Looking for bargains at a recent RAINBOWfest in Princeton.

## RAINBOWFEST (OCT. 17-19) IN PRINCETON

Want to see the latest in CoCo Hardware and software or maybe even the CoCo 3? The make arrangements to attend the RAINBOWfest in Princeton, N.J. October 17-19.

RAINBOWfest is the only computer show exclusively dedicated to the Radio Shack (TANDY) Color Computers and features a variety of group discussions, seminars, the community breakfast and of course the famous software and hardware specials.

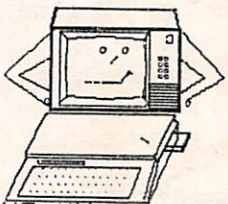
Three-day tickets are $9 and one day tickets are $7 if oordered in advance through the RAINBOW Magazine. Spectrum Projects has send a few $2 off regular price tickets to the club and they will be available at the meeting as long as the supply last. Tom Roginski of OWL-WARE probable also has some of the same $2 off tickets available.

Attend the RAINBOWfest and you will definately enjoy it, especially if you are a newcomer to the CoCo.

"COCO DEN" BBS - 215-866-1805

"ASCII 80" BBS - 215-252-1608

PJ-CCC members - The Tom Roginski family - owners of OWL-WARE are pictured as they set up for the RAINBOWfest two years ago in Princeton.



I LOVE MY TRS-80 COCO

NEXT MEETING IS FRIDAY SEPTEMBER 26

MINUTES OF AUGUST 29, 1986 MEETING

After opening the August meeting President Roni DeGarmo welcomed the members and guests. The June minutes and the Treasurer's report were accepted.

OLD BUSINESS

The club T-shirts were given out to those who ordered them and a grey T-shirt was raffled off at twenty-five cents a chance. (Winner: Tom Castronuova) If there are 12 orders, more T-shirts can be purchased from the supplier. Red, blue, yellow and grey are available. The cost is $3.50 each. There are no more disk-o-tiers available. The next Rainbow Magazine or Rainbow on Tape order will be sent in after the November meeting. Charlie Ross volunteered to send away for the disks that were discussed at the last meeting.

SIG REPORT

The Pascal SIG group will meet at Jerry Behler's house on Septmeber 9 and 23 and then every other Tuesday at 7 p.m. The Hardware SIG meeting dates will be announced in the future. All members are encouraged to use the Club BBS. "COCO DEN." (215-866-1805)

NEW BUSINESS

There is a new BBS in operation, ASCII 80. It is being run by Nevin Keller at 215-252-1608. It is in operation 24 hours a day.

CoCo 3 is still not available locally. Rainbowfest will be held October 17, 18 and 19 in Princeton, N.J. See the Rainbow magazine for details and a discount coupon.

The meeting was adjourned and a talk and demoonstration on printers was given by Al Krapf.

Submitted by
Mary A. Brown, secretary.

## "ASCII 80" BBS - 215-252-1608

PJ-CCC member Nevin Keller has started to operated a 24-hour BBS in Easton for club members and those with other computers. The number is (215) 252-1608. After initially applying to the BBS, your application will be verified within 48 hours and you are on the way to utilize the BBS. The board has been in service in the beginning of August and has a number of users, locally and some nationally.

At present there is no uploading and downloading available until Nevin can get a better BBS software to eliminate lock-ups in the downloading and uploading methods.

So don't forget to utilize not only the new BBS in Easton, especially those living in New Jersey and Phillipsburg are to be exact since it saves you a toll call, but also utilize the PJ-CCC BBS operated by James Mangan of Bethlehem at (215) 866-1805.

## "COCO DEN" BBS - 215-866-1805

## WHERE O WHERE IS THE COCO 3??

That's the question many of us are asking in response to the BIG publicity made in its introduction. Questions are being asked all over the Lehigh Valley and no one seems to know the answer.

The publicity releases mentioned that the CoCo 3 should be in the hands of the Radio Shack stores and dealers by the beginning of September. Then I was told by a salesman at a local Radio Shacl Computer store that they would get them by September 15. As of Sept. 19, no one seems to know anything. I even talked to a Radio Shack truck driver via CB Friday Sept. 18 while driving to York, Pa and all he said was that they have not been delivering any computers lately only carrying computer furniture to the various stores.

Some rumors have surfaced that TANDY is having some trouble with the CoCo 3 and have decided to hold it back for a short time to try to fix the trouble. What is seems to be is anyobody's guess. Well, we will wait and see.

## NEXT MEETING IS FRIDAY

## SEPTEMBER 26 7PM

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6809 EXPRESS
PENN-JERSEY COLOR COMPUTER CLUB

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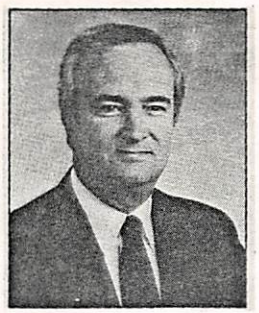

ED JUGE

# Tandy Topics

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

## COLOR COMPUTER 3

Enough background, let's get to the new computers. I'm going to include press kits with this newsletter to show you the details, but I'll give you an overview here of what each machine is, and what's so good about it.

Let's talk CoCo... Color Computer 3 is here at last! After 2 or 3 years of rumors, here's a new 6809E-based machine supporting OS-9 Level 2, with selectable speed equal to or double that of the CoCo 2. It comes with 32K ROM, and 128K RAM, expandable to 512K. All this horsepower allows a new window manager called "Multi-Vue". There's also a new version of DeskMate called DeskMate 3 (coming Sept 30) which allows selection of functions by name or icon.

CoCo 3 is capable of 32x16, 40 80x24 text displays, and color graphics from 64x32 8-colors to 640x192 4-colors, with several intermediate formats.

The CoCo 3 incorporates a proprietary chip for memory management. The powerful OS-9 Level 2.0 operating system will have the ability to run business applications, and even perform multi-tasking functions.

Twenty-one new commands have been added to Extended BASIC, yet software and hardware for previous Color Computers will function on this new one (there's a $6.00 modification required on the Multi-Pak Interface). We can anticipate, of course, some new more powerful CoCo 3 software which won't function on previous models.

## CONCLUSION

Demonstration units will be in stores hopefully by the time you read this. All of these products will be available in the month of August. I think you're going to be completely fascinated, especially with the graphics on the CoCo and the 1000's. They're absolutely bringing added value and a whole new dimension to "PC compatibility" that's sure to be cloned by a lot of our competitors in coming months.

---

COCO - PEEKS, POKES & EXECS

COMMAND: POKE 65495,0
RESULT: High-speed poke---Doubles the speed of arithmetic & data proicessing from .89mhz to 1.7mhz.
REMARKS: ***DANGER*** This poke makes the computer chips hotter than usual. High speed operations can shorten the life of chips to a year or so. This poke does not work with disk.

COMMAND: POKE 65494,0
RESULT: Returns computer to normal mode ofter POKE 65495,0
REMARKS: Use this poke before inputting or outputting any information to tape if you are using the high speed poke.

COMMAND: POKE 113,0
RESULT: Produces a cold-start when the reset button is pressed
REMARK: This poke can be set up in a program to produce a cold start.

COMMAND: EXEC 40999
RESULT: Produces a cold start
REMARKS If you use this command after the above poke the computer will produce an immediate cold-start.

COMMAND: POKE 383,158
RESULT: Disables list command
REMARKS: List command after this poke will produce garbage
RESULT: Re-establishes list command after POKE 383,158
REMARKS: None

COMMAND: EXEC 44539
RESULT: Waits for a keyboard input
REMARKS: Same as 'A$=INKEY$:IF A$="" THEN 10'

COMMAND: EXEC 41175
RESULT: Displays sign-on message and version
REMARKS: Can be used to determine whether you have version 1,0 or 1,1

WHERE O WHERE IS THE COCO 3????

CASSETTE TAPES WITH ERRORS WITH THIS SHORT PROGRAM

If any of your cassette tapes have errors and you want your CoCo to accept the tape program so you don't have to re-type the whole listing, use this short program to eliminate some of the re-typing for you.

If your Basic program will not load, run Program listing 2 and then CLOAD that bad tape. When and I/O error is encountered, the code up to the error can be saved to tape as an ASCII file, by typing CSAVEM"filename",A. After cycling power, the ASCII file can be loaded and edited.

*Program Listing 2. Tape Load with Errors on a 64K CoCo.*

```
10 REM ENTER 64K MODE
20 FOR I= 32382  TO  32407
30 READ X
40 POKE I,X
50 NEXT I
60 EXEC32382
70 CLS:PRINT:PRINT"BASIC NOW IN
RAM"
80 DATA  26, 80, 142, 128, 0, 16
6, 132, 183
90 DATA  255, 223, 167, 128, 183
, 255, 222, 140
100 DATA  255, 0, 38, 241, 183,
255, 223, 28
110 DATA  175, 57
120 REM DISABLE TAPE ERROR DETEC
TION
130 POKE&HA639,&H1F
140 POKE&HA63D,&H1B
150 POKE&HA64F,&H9
160 POKE&HA73F,&H20
170 POKE&HA4F8,&H7F
180 POKE&HA4F9,&HFF
190 POKE&HA4FA,&HDE
200 POKE&HA4FC,&HAC
210 POKE&HA4FD,&HE9
220 POKE&HA68B,&H12
230 POKE&HA68C,&H12
240 POKE&HA68D,&H12
250 PRINT:PRINT"warning:CYCLE PO
WER BEFORE DOING NORMAL TAPE I/O
: THE ROUTINES  HAVE BEEN ALTER
ED"
260 PRINT"WHEN YOU GET AN I/O ER
ROR, YOU  MAY LIST THE PROGRAM,
BUT DO NOT TRY TO EDIT IT!  SAVE
 IT TO TAPE AS AN ASCII FILE, CY
CLE POWER,  LOAD THE NEW TAPE, T
HEN YOU MAY EDIT IT!"
261 END
270 NEW
```

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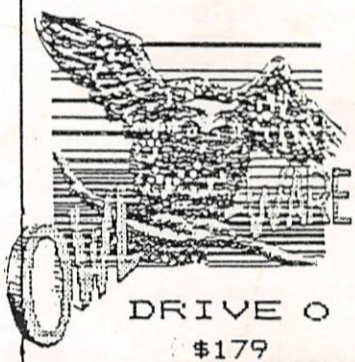
SEPTEMBER 26 7PM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Reinhold Radke, Editor