

MEETING THIS FRIDAY, MARCH 27th, 7pm



# EXPRESS

The Official Publication of the  
**PENN - JERSEY COLOR COMPUTER CLUB**

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MARCH 1987

## PJ-CCC OWNS COCO 3 WITH CM-8 MONITOR

The Penn-Jersey Color Computer Club has a new addition to its hardware collection - a new CoCo 3 with CM8 color monitor. The cost was \$417 total which was raised through candy sale and blank disk sales.

The executive committee authorized the purchase after the membership voted to do so at the January meeting. The set-up was purchased from MicroWorld II at their mail-order prices.

A disk controller for the CoCo 3 has been purchased from

Tom Roginski of Owl-Ware. This makes the first complete hardware set-up owned by PJ-CCC. The club also has a CoCo 2 with a donated disk drive and a TV set which was donated at the last meeting by Don Lauer.

This has been a long-time dream of the club to own its own equipment and because of the membership's co-operation it has been a success.

## "SHORTWAVE AND THE COCO" IS TOPIC THIS FRIDAY

"Shortwave and the CoCo" will be the topic at the March meeting this Friday, March 27 at NCACC.

Robert Zugates will present the topic and demonstrate "SOFTREADER" which is a new software designed to Radio Teletype from a short-wave receiver. The software uses the audio output of the shortwave radio connected directly to the cassette port of the CoCo. No hardware decoder is required. The only thing needed is a shortwave radio capable

of receiving Radio Teletype (RTTY). This simply means a receiver that covers all or part of the 1MHz to 30MHz, and has a Beat Frequency Oscillator (BFO) for older radios, or CW, USB, LSB, RTTY for newer radios.

Zugates also will discuss communications on the airwaves and highlight a couple of rules and regulations governing communications.

For those interested in the SOFTREADER. It sells for \$37.50 and the features include - print to screen or printer, selectable printer baud, auto speed selection, 9.6k text buffer, auto buffer dump (tape or disk) and requires NO interface. The company is CoCo Enterprises of Laurel, Maryland. Orders are accepted weekdays after 6 p.m. eastern time at (301) 498-1110 (Brad) and (301) 799-8426 (Bruce).

Make sure you attend this Friday and talk to Zugates about this software to see what it can do for you if you have an interested in listening to Radio Moscow, Deutsche Welle, Radio Netherlands, Radio Ukraine, etc. or if you like to know what some of the latest news bulletins are before you hear them on the radio or television news broadcast.

### TRENTON FESTIVAL APRIL 11 and 12.

The Trenton Computer Festival will be held Saturday and Sunday, April 11 and 12 at Trenton State College, Rt. 31 just north of Trenton, N.J.

This will be the 12th annual computer fair featuring indoor exhibits, user group meetings, lectures, computer demonstrations, a computer graphics theatre and of course the famous computer flea market in the parking lots.

Cost for the festival is \$7 for the two days and \$5 for Sunday. (\$3 for students and senior citizens). There is free parking and free day-care available.

For those of you travelling through Pennsylvania, get on I-95 to N.J. and then Rt. 31 North. The college is a short distance on the right. For those travelling through N.J., get on I-78 east to Rt. 31 south and follow that to the college.

"COCO DEN" BBS 215-866-1805

"ASCII 80" BBS 215-252-1608

President Eckhart called the meeting to order and welcomed the members and guests. The January minutes were accepted as printed in the newsletter with the following corrections: Dean Moyer and Dan Zacharias presented the digitizing program, the name of the terminal program is Greg-e-term, Bruce Irish donated the assembler to the library. The Treasurer's report was accepted as read.

OLD BUSINESS

The disks have arrived and may be picked up after the meeting.  
Hardware SIG: See Bruce if you have any questions. Two modems will be available at the next meeting.  
Publicity: Don sent meeting notices to the area newspapers. Members are reminded to publicize the Club and our meeting dates.  
Thanks were extended to Don for his donation of a TV to the Club.  
Tonight is the final night for membership dues to be paid and Ronnie will make the new membership list.

NEW BUSINESS

President Eckhart made note of Clyde Gano's letter.  
The Club will make an inventory list of our hardware and check on the possibility of storing them on Campus.  
Bruce Irish, Fred Schoenenberger and Bruce Navarre were thanked for their library donations.

We have received publicity on the Trenton Computer Fest, the Valley Forge Computer gathering and the October Rainbowfest.

A November Rainbow and a knife were left and should be claimed as soon as possible.

The following bulletin boards were mentioned: Night Owl 2 (759-7347) and Easton BBS (258-5235).

Frank Tupper would like to start a computer club in the Wilkes-Barre area and would like information and support from our members.

The meeting was adjourned and Paul Eckhart gave a demonstration of the Hardcopy program.

Submitted by Mary Brown  
Secretary

RECYCLE BLANK COMPUTER SHEETS

How many times has your printer fed through an extra sheet of blank or almost blank (expensive) fanfold computer paper that you just throw away?

Rather than throwing it away, save it for reuse as printing scrap. Leave the feed holes attached and store the sheets in a binder. When you are ready to use them, tape the individual sheets together into a single, continuous sheet. And when you try something new on your printer use this paper to check out your printing or use it for a draft of some paper you're writing and then you'll have a perfect throwaway paper and you save some money at the same time.

"NIGHT OWL" BBS 759-7347

# NEW 512K UPGRADE FOR COCO 3

Now available the LR Tech 512K upgrade with all gold contacts and 120 nanosecond 256K chips. Useable as a RAM disk from basic or as large system memory for OS 9 level 2!!!

INTRODUCTORY PRICE...

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WITHOUT 256K CHIPS

**\$ 95.**

WITH 256K CHIPS



See next page for more specials.

YOU CAN USE THIS SYSTEM WITH OUR SUPER BOARD (SEE NEXT MONTH) FOR A THREE USER SYSTEM UNDER OS 9. WORKS WITH OUR HARD DRIVE.

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## 6809 EXPRESS

PENN-JERSEY COLOR COMPUTER CLUB

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## DWL-WARE FEATURES 512K UPGRADE

Tom Roginski of Owl-Ware announced that he is selling the new 512K upgrade for the CoCo 3 to club members at a discount price.

Normal cost of the upgrade with 245K chips is \$105, but for PJ-CCC members the cost is \$95. Without the chips, introductory price is \$59 but for PJ-CCC members it is \$54.

The upgrade is the LR Tech 512K with ALL GOLD contacts and 120 nanosecond 156K chips. It's useable as a RAM disk from basic or as large system memory from OS-9 level II.

Anyone interested should see Tom at the meeting or call Owl-Ware at (215) 682-6855. (See the ad on page 2)

## Short Bits

### CoCo 3 HIGH SPEED POKE

POKE 65497,0 - ON (1.8mz)  
POKE 65496,0 - OFF (.9mz)

### TRUE LOWER CASE IN COCO 2 MODE

POKE 359,57:POKE 65314,16

ALL BLACK SCREEN WITH WHITE  
CHARACTERS IN COCO 2 MODE

POKE 65468,63:POKE 65469,0

THE FORGOTTEN ERROR CODES - DISK  
BASIC

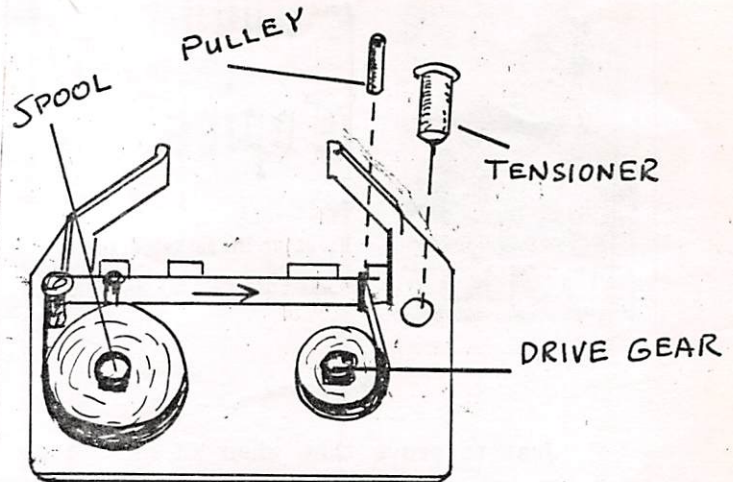
Numbers Extended	Code Disk	Comments (CoCo 3 Basic)
25	UF	Undefined Function *
26	NE	File does not Exist
27	BR	Bad Record Number
28	DF	Disk Full
29	OB	Out of Buffer Space
30	WP	Write Protect
31	FN	Bad File Name
32	FS	Bad File Structure *
33	AE	File Already Exist
34	FO	Field Overflow
35	SE	Set to Non-field
String		
36	UF	Verification Error
37	ER	Past End of File **

NOTES: \* I was not able to create these errors.  
\*\* This error hung up the computer.

## COMPUTER BRIEF

A serial interface (such as the Color Computer uses) sends data one bit at a time. A parallel interface sends data a byte at a time over eight parallel paths.

## "SHORTWAVE AND THE COCO" IS TOPIC THIS FRIDAY



## RECYCLE CASSETTE PRINTER RIBBONS

You can rewind your expensive cassette printer ribbons as much as six times and still be able to read the printout with ease if you take care and follow these simple steps.

Remove the external rubber-band drive. Most cassette or cartridge shells have a peg-and-hole friction cover. Gently open the cover with a flat blade (if a few pegs break off, use tape to shut the cover later).

Note the pathway and direction of the ribbon as it winds around pulleys, drive gears, and the tension mechanism. Remove the loose parts (like pulleys, drive gears) which could get lost accidentally during the re-winding process. Leave the spools in the shell.

Remove the tensioner and arrange the ribbon so it travels directly from spool to spool.

Rewind the ribbon from the take-up spool back onto the supply spool applying tension to the take-up spool. Some spools have holes where a rod can be inserted and spun by hand or with a reversible drill. Otherwise, a bit of stickum on your finger might help as you spin the supply spool. Periodically press down high spots on the rewound ribbon. Don't worry if the rewound ribbon appears irregular. Also, variable winding speeds and tension might make it difficult to rewind the ribbon completely.

Reinstall the parts you removed, and restore the ribbon to its original pathway.

Press the cover back on. Replace the external rubber-band drive and mark the cassette as being rewound.

## EXCLUDE-A-PHONE PROTECTS YOUR PHONE LINE

A device which isolates your modem to prevent an extension phone from interfering with computer transmissions has been announced by R.K. Burtchell Co., 516 SE Morrison, Suite 201, Portland, OR 97214 (800) 342-5752.

The device is known as Hy-Tek's Exclude-A-Phone and is easily installed and operates off the phone's power supply.

MEETING THIS FRIDAY, MARCH 27th, 7p.m.



**ED JUGE**

# Tandy Topics

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

## OOOPS ?

Just to prove that when WE make a mistake, we set our records straight. Here are two examples...

Ed Hathaway of the Glenside CoCo Club of Illinois was kind enough to call a typo to my attention. In last month's newsletter, I quoted three CoCo "system prices". The first contained the error. Individual pricing should have been \$399.90, and the system price 329.95. Sorry about that... I and all my proof-readers missed it.

Ed also questioned the fact that there have recently been some sales which resulted in an even lower price than the system prices listed. Gee, I hope so! The system prices are on-going "everyday" prices. A sale wouldn't be much of a "sale" if it didn't represent a better value than the "everyday price" on a product or system. Thanks, Ed!

A second "OOOPS" to report... One of the perils of relying too heavily on a spelling checker is that you can type a legitimate word that wasn't the one you wanted. Also last

month, under the heading of "XENIX 286", I said that most of the applications programs for Xenix System V/286 "are not available." That should have read, "are now available."

## MOUSES

Or "mice" or whatever you prefer. We've had a few questions recently about the discontinuing of our 26-1197 Digi-Mouse. No, we're not abandoning these little critters. Currently, we have the Logitech Mouse in our Express Order system (Cat. No. 90-2055 for 25-pin, 90-2056 for 9-pin). They will replace our Digi-Mouse as a store-stocked item in the second quarter of this year, and can be ordered from Express Order between now and then.

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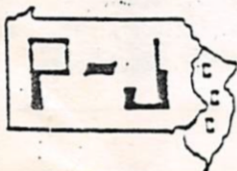
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