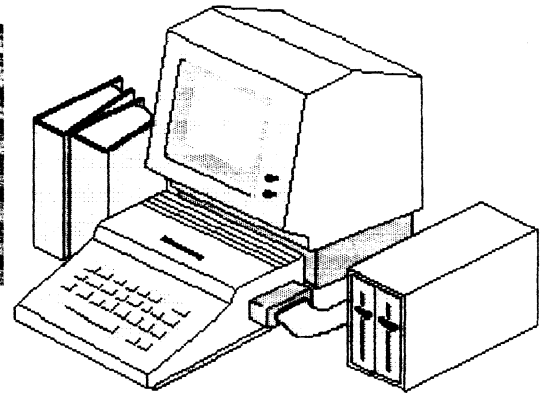


COCO~123

DECEMBER, 1996 VOLUME XVI, NUMBER 5



The President's /term

by Rob Gibons

Well another year comes to a close and it's time to welcome in the new Club Officers. Mike Knudsen will be President in 1997. Mike is a long time member of Glenside and author of the popular Ultimuse Midi program.

For our three Vice Presidents we have Tony Podraza, Justin Wagner and Jerry Jesky. Most of you know Tony, if not personally, at least by name, having been both President and Vice President many times before. Both Justin and Jerry are relatively new members and will be holding office for the first time.

We finally got Bob "Gator" Swoger to except an nomination! Bob is another long time member and will be Club Secretary. "Gator," as he's known to many of his friends, has done a lot of work in the background over the years, including hosting the club picnic, typing and uploading notes from meeting for the newsletter, and manning the Club booth at the FEST!

BY ACCLAMATION, George Schneeweiss was reelected Club Treasurer. George has been doing an outstanding job as Treasurer for a number of years and his outstanding work was and is well recognized. I am sure each will do an outstanding job and wish each of the new officers the best of luck (you know where to find me if you need help)!

At this time I would like to thank this year's

officers, Tony Podraza, Sheryl Edwards, Eddie Kuns, Mike Knudsen (who stepped in for Eddie), Paul Knudsen, and, as always, George Schneeweiss for all their efforts on behalf of the membership of the club. I couldn't have made it through the year (and the FEST!) without you! Many thanks!

What I Am Up To

by William Rockett

I was glad to see a list of members in the issue and want ads. With the demise of CoCo Trader I haven't seen any want ads in a long time. ...my name and address and phone number is correct. I was surprised to see at least 25 members from Wisconsin listed. Also was surprised to see someone only 15 -20 miles from me - Richard Remer of Burlington. Looked up his name in the phone directory but he is not listed. I see that Victor Kellis of Menasha is listed twice - 2nd time as Victor Wells. Who is trouble? [see November roster, ED]

I have replaced the disc system I had 6 years ago that didn't work with one from Al Dages of Stone Mountain Georgia. The printer is working fine. *Otherwise* everything is going fairly well. I got back to the CoCo after a long break. Still belong to Adventurers Survivors. I didn't know what the situation is with Terry Simons.

Thanks,

William Rockett

W351S10247 Touhy Rd.

Eagle, WI 53119-1842

Glenside Color Computer Club

A Glenside Publication since 1985
Your Voice in the CoCo Community

CoCo 123 Information

The Glenside Color Computer Club of Illinois is a not-for-profit organization whose members share an interest in the Tandy Color Computer ®. The CoCo 123 is the official newsletter of the Glenside Color Computer Club. The Glenside Color Computer Club of Illinois has no affiliation with Radio Shack ® and/or the Tandy Corporation ®. The opinions expressed by the authors of the articles contained within this newsletter do not necessarily reflect the opinions of the Editor, the Executive Officers, or the actual club membership.

We are committed to publishing a minimum of four issues and a maximum of twelve issues per calendar year. For a fee of \$15.00, for January through December, you can become a GCCC member with full membership privileges. Send your dues to:

GEORGE SCHNEEWEISS
RR #2 Box 67
Forrest, IL 61741-9629

Here is a list of the 1997 Executive Officers and how to contact them. The club has four strong SIGs, Tandy Color Computer 1, 2, 3, and OS-9. If you have questions concerning these computers or OS-9 call one of these officers.

POSITION	NAME	PHONE	PRIMARY FUNCTION
President	Mike Knudsen	630-865-1394	The buck stops here
Vice-President	Jerry Jesky	708-449-2638	Meeting Planning, etc.
Vice-President	Tony Podraza	847-428-3576	.
Vice-President	Justin Wagner	630-393-7072	.
Secretary	Bob Swoger	847-576-8068	Records and Reporting
Treasurer	George Schneeweiss	815-832-5571	Dues and Purchasing
Editor	Carl Boll	773-735-6087	Newsletter coordinator
Telecom	David Barnes	847-587-9820	Club BBS SysOp
Printer	Dennis Devitt	630-629-2016	Newsletter Exchange
Advertising	Bob Swoger	847-576-8068	Newsletter Ads

CoCo 123 Contributions

If you would like to contribute an article, upload a file to the Newsletter Submissions section of the Glenside's Cup of CoCo BBS. Ditto for ads and news about your group. **Please include a name and an address or phone number.** If you would rather submit your article on diskette, they can be accepted in ASCII form and **unformatted** in the following formats:

RS-DOS 5-1/4" SSDD, 35 tracks
OS-9 5-1/4" SSDD, 35 tracks
MS-DOS Any standard format

Mail your articles to:

Carl Boll
6242 South Menard
Chicago, IL 60638

Submission deadline for the CoCo 123 is the 15th of each month. Articles submitted after the deadline will appear in the next issue.

CoCo 123 Newsletter Exchange

The Glenside Color Computer Club of Illinois is pleased to exchange newsletters with other Color Computer or OS-9 user groups at no charge. Send your newsletter to:

Dennis Devitt
21 W 144 Canary Road
Lombard, IL 60148

Reprint Policy

If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter.

We encourage your user group to copy this newsletter and distribute it at your regular meetings to your members free of charge as we believe that this will encourage better meeting attendance. If you are a user group that feels as we do, please let us know and send us your newsletter. We will then distribute it to our members and keep our attendance up.

Glenside Club Meetings

The Glenside Color Computer Club meets on the second Thursday of each month from 7:30 to 9:30 PM at the Glendale Heights Public Library. A social get-together always occurs afterward at the Springdale Restaurant.

Future meeting dates:

January 9, 1997
February 13, 1997

Editor: Mike Wams
Design, layout, graphics: Walrus House Enterprises

A special tip o' the hat to Dave Barnes and BARSofT Publishing, whose masthead page has been, uh, more than an inspiration for this issue's.

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These are your BBSs. Please support them.

Glenside CoCoRama BBS
847-587-9837
At Least 9600 Baud

SandV BBS
630-352-0948
Maybe faster than before!

Glenside's Cup of CoCo
847-428-0436
9600 Baud

Chi-CoCo BBS
312-735-3355
14,400 Baud

Glenside East
847-632-5558
2400 Baud

**I am going to miss trying
to fill up this space!**

The Editor's Corner

by Mike Warns

I am sad to say that this is my last issue as editor of the Glenside newsletter. Starting next month, Carl Boll will be taking over. Office and family commitments have made it so that I cannot even get out the few issues I managed to get out in the past. It has been a pleasure to be your editor (when I could) and I look forward to working with Carl to continue to bring you the best CoCo newsletter around. Thank you for your help, and your submissions. As proof that guilt works to motivate people...

What I Am Up To

by Bill Hochstetter

OK, You talked me into it. I, Bill Hochstetter, will write an article for the newsletter.

I really like to read the articles in the newsletter about other hobby users of the COCO. I have Several COCO3's, Drives and even a CM8 monitor. I put off getting a monitor for many years but really regret it. A CM8 works just fine as a word processing monitor with TW128.

I've been running on an old 1200 baud modem for years but finally saw a 2400 baud modem at a hamfest for \$5 and couldn't resist. Then I found a 14.4k baud modem at another hamfest for \$20 and found the software for it was for a Macintosh. It would also require a high speed RS232 pack which I can't seem to scratch up the cash for. Xmas is coming, so maybe I'll be able to horse trade with the wife for one. I can use the bit-banger port for DECB terminal programs up to 2400 baud but OS9 requires the RS232 pack.

I experimented for a while with the /t1 port on OS9 but that is absolutely the only thing the computer can pay attention to if you use it, even at 300 baud.

I really drool with envy over the hard drive setups. Too bad Syquest is a step behind Iomega in bringing new devices to market.

I also have a couple of COCO2's that I had

planned to use with Tony DiStefano's weather station projects. I even obtained the thermistor for the temperature sensing, but never got a wire run outdoors to do any sensing.

Well, like most people, I guess I have more ideas than time. I sure would have liked to have someone who lived close to me to share this "micro experience". I'll just have to vicariously live the computer high life through the "COCO~123" and "World of 68 Micros".

Bill Hochstetter

1901 Pleasant Meadows

Portage, IN 46368

Meeting Minutes

November 14, 1996

Present were Rob Gibons, Gerald Jeskey, Scott Montgomery, George Schneeweiss, Tony Podraza, Richard Bair, John Chasteen, Bob Swoger, Tom Schaeffges, Mike Warns, and Carl Boll.

Under old business, the club officers have mail out 83 contracts prior to November 9 to vendors of which 4 have now been answered to the affirmative.

An ad in the Daily Herald now runs periodically. The meeting location was left out in the first printing even though the paper was given the information.

Editor Mike Warns provided Volume 16, Number 4 issue of our newsletter in time to be handed out at this meeting. Along with a rather large ads section is the annual list of current Glenside Color Computer Club members. The club officers ask the membership to check the information relating to them. Gerry Jeskey was the first to discover that the club records had his name misspelled.

Tony and Rob announced that the Club CoCo 3 system is up and running with a Burke & Burke controlled Seagate 40 Meg hard drive.

Marty Goodman provided PAL for Multipak for John Chasteen's CoCo 3.

Nitrous O9 developer Alan Dekok was given monetary help for 6309 optimization.

A little levity was given to Windows 95 which runs on one of our favorite appliances/file servers. It seems that George Schneeweiss is the only person who hasn't found any of its bugs. He removed it from his machine and went back to MSDOS.

President Rob Gibons announced that he will be relocating to Largo Florida about April 30. For our upcoming December election, nominations were opened for club officers. For President, Tony Podraza, Richard Bair, Mike Knudsen. For Vice president, Tony Podraza, Richard Bair, Mike Knudsen, Gerry Jeskey, Robert Swoger. For Treasurer, George Schneeweiss. For Secretary, John Chasteen. Nominations were then tabled until our December meeting.

The meeting adjourned at 8:35 PM. As Brian Schubring was required to work this evening, our planned Amateur Packet Radio Demonstration had to be canceled. However, after a short break, Tony Podraza and Rob Gibons gave a demonstration of P51 Flight Simulator by TOM MIX Software recommended for review at a meeting by Bob "GATOR" Swoger.

Meeting Minutes

December 12, 1996

The meeting was called to order at 7:55 PM by President Rob Gibons. Also present were George Schneeweiss, Bob Swoger, Tony Podraza, Scott Montgomery, Richard Bair, Gerry Jeskey, Brian Schubring, Mike Knudsen, Gene Brooke, Carl Boll, Justin Wagner, Eddie Kuns, Mike Warns and Dave Barnes. Treasurer George Schneeweiss reported that the treasury was at \$1900 and that he would start collecting dues this evening for 1997.

Northern Exposure of Ontario seems to have disappeared into a black hole but Farna is handling some of Colin McKay's for sale products. Perhaps he can be reached through Ken Scales?

Brian Schubring showed the 6th Annual Last Chicago CoCoFEST Logo in the form of a flier for the newsletter, buttons and shirts for the fest. MIDI Music is the theme. The Logo is rather complicated. Suggestions were that it be made as

large as possible for a small shirt or go on the back of the shirts. These questions will be decided by the Shirt Committee. Kudos to Brian for getting the job done! Dave Barnes, Brian Schubring and Bob Swoger will try to work out the fine points of the shirt buy.

The Cup o CoCo BBS is getting connected to Fido Net reported Tony Podraza, SYSop. Store and transfer of files between systems are the new benefits, but greater E-mail communication is the most notable benefit. Fido is available for CoCo RIBBS, OSK, MSDOS and other platforms.

The BBS sponsored by Motorola has changed its name. It has been referred to Glenside East in the past and now is called "The Club BBS" due to the fact that it supports not only the Motorola MicroComputer Club members, but also the Motorola Amateur Radio Club, Chicago Area Timex/Sinclair Users Group and Glenside Color Computer Club. Under the Bulletin section are sub-boards for the four separate groups. Available in the bulletin section is information on local Computer fests and Amateur Radio Fests. Also, there are separate mail sections for the different computer platforms. Users can contact Internet E-mail users all over the world by addressing their mail to "INTERNET EMAIL" and placing the recipient's e-mail address on the subject line.

Atlanta CoCo users had an October Picnic at Stone Mountain Georgia rather than the more conventional Computer Fest. This may be the trend for future Atlanta CoCo get-togethers.

There is a Pennsylvania fest planned in August.

Tony Podraza found a great place to get computer monitors repaired for flat rate and no charge if the item can't be repaired. They also repair Keyboards and power supplies. The fee for monitors is from \$60 to \$72, \$45 for keyboards. They are:

Dynamic Electronics Services

599 N. York Road

Elmhurst, IL 60126

708-832-1983 708-832-1984 FAX

{Tony, the phone number to pass along to Dynamic for George Electronics in Harvey Illinois is 708-331-1983}

Mike Warns asked for relief of editorship of the club newsletter. Carl Boll volunteered to take on the task for a while.

Carl Boll made a motion to have an IDE hard drive controller for the CoCo as a club project. Someone he knows has a working prototype which handles an 80 Meg running under OS-9. Was this Jim Hathaway? The club voted unanimously to peruse the project.

Treasurer George Schneeweiss reported that the treasury was at \$1900 and that he would start collecting dues this evening for 1997.

Reminding us that he is relocating to Largo Florida in the Spring, President Rob Gibbons reopened nominations for 1997 club officers. Mike Knudsen has become our 1997 president with Vice Presidents Jerry Jeskey, Justin Wagner and Tony Podraza, Secretary Bob Swoger, and Treasurer George Schneeweiss. V.P.'s in order of waiting are Richard Bair, Gene Brookes and Carl Boll. Congratulations with our best wishes and thanks to those accepting these positions.

No Demo was given due to the length of the meeting. The Demo which was to be "The History of CoCo Flight Simulators" will be given next month. The meeting adjourned at 9:36 P.M..

Color Computer Shorties: Totally Not Serious Basic Stuff for the CoCo!

by Rogelio Perea

On my daily day to day computing needs, my CoCos get used for a w-i-d-e range of applications, as usually, the CoCo churns away numbers, letters, and an occasional game or two. Then there are those times when I just sit down and start banging away at DECB, just to see what comes up, experiment with Basic statements, POKEs, PEEKs and the like. The following three short Basic programs are a product of such. These all can be typed quickly and should run on a minimum CoCo configuration of 16k RAM and

ECB installed.

The first program does a couple of animation tricks on the lo-res text screen. This one appeared originally in a very old issue of Family Computing magazine as an Apple II program. A little editing here and there and it was ready for the CoCo. The inner workings are very simple as the program first sets up a series of animation "frames" in alphanumeric STRING\$ filled up with CHR\$(128) - the black space square. After setting up, it starts flipping each frame (out of two sequences or cycles) giving the effect of moving pictures. Here's the listing:

```
0 ' SIMPLE ANIMATION
1 ' ADAPTED FROM AN APPLE PROGRAM
2 ' BY JOHN JAINSCHIGG
3 '
4 ' JANUARY 1996
5 ' ROGELIO PEREA
6 '
10 CLS
20 PRINT@230,"PLEASE WAIT WHILE I"
30 PRINT@259,"SET UP THE PICTURE
FRAMES"
35 PRINT@325,"...ABOUT 30
SECONDS"
40 CLEAR 1000:DIM B(7),A$(2,5,8)
50 FOR I=0 TO 7:B(I)=INT(2^I):NEXT
I
60 FOR I=1 TO 2:FOR J=1 TO 5:FOR
K=1 TO 8
70 READ V:A$(I,J,K)="" :FOR L=7 TO
0 STEP -1
80 IF V>=B(L) THEN V=V-
B(L):T$=CHR$(128) ELSE T$=CHR$(32)
90 A$(I,J,K)=A$(I,J,K)+T$:NEXT
L,K,J,I:CLS
100 FOR CH=1 TO 2:FOR CY=1 TO 10
110 P=1:FOR FR=1 TO
8:PRINT@128,"";
120 FOR LN=1 TO8:PRINT
TAB(12)A$(CH,P,LN)
130 NEXT LN:IF FR<5 THEN P=P+1
ELSE P=P-1
140 NEXT FR:NEXT CY:CLS
150 FOR D=1 TO 600:NEXT D:NEXT
CH:GOTO 100
160 DATA 48,48,8,28,122,24,174,65
170 DATA 24,24,8,28,60,24,28,100
180 DATA 24,24,8,24,24,60,8,60
```

```

190 DATA 24,24,8,24,60,24,24,100
200 DATA 48,48,8,30,122,24,174,65
210 DATA 7,14,110,168,28,14,1,0
220 DATA 0,0,111,172,28,14,1,0
230 DATA 0,0,96,160,31,14,1,0
240 DATA 0,96,160,28,30,17,12,0
250 DATA 0,96,160,28,30,29,12,6

```

```

30 C=JOYSTK(2):D=JOYSTK(3)
40 N1=INT(A/5.5)+1:N2=INT(B/5.5)+1
50 VO=INT(C/4.5)+1:OC=INT(D/13)+1
60 PLAY STR$(N1):PLAY STR$(N2)
70 PLAY"V"+STR$(VO)
80 PLAY"O"+STR$(OC)
90 GOTO 20

```

So far, I have used this program as a "Got to go but I'll soon be back" screen saver routine at the office's tech bench where a CoCo 1 helps out maintaining a database (among other duties) of LTR frequencies.

Moving on to the second shortie, what could be shorter than a one-liner?. A tried and true programming tradition among the CoCo community, this one makes funny and weird sounds using a joystick. Plug a mouse or a joystick (Koala pad also?) and you'll be in control of two tones being generated alternately. The X-axis controls one and Y the other. While this program is very simple, I have found small children really like to make noise with the computer. Here's the listing:

```

0
A=JOYSTK(0):B=JOYSTK(1):SOUND1+INT(A*4),1:SOUND1+INT(B*4),1:GOTO0

```

That was short enough. Just sample the right port and offset each value read with a factor of 4 to cover the entire range of 1-255 available with the SOUND statement.

This particular one liner inspired yet another "Sound with a Joystick" program. While not a one-liner, this one can produce a greater range of tones thanks to octave shifting and volume variations available with the PLAY command. Sometimes I came up with sounds that could easily be taken for Avant Garde music....

```

0 ' AVANT-GARDE COMPUTER MUSIC
1 ' CONTROL OF PLAY STATEMENT
2 ' WITH THE JOYSTICKS.
3 ' -----
4 ' RIGHT=DOES TWO NOTES
5 ' LEFT=VOLUME & OCTAVE RANGE
6 '
7 ' JANUARY 1996
8 ' ROGELIO PEREA
9 '
10 CLS:PLAY"L4T8"
20 A=JOYSTK(0):B=JOYSTK(1)

```

You'll have to spring for a couple of devices in both joystick ports of the CoCo. Try setting up a mouse, koala pad or joystick on either, just don't attempt to plug in the high resolution interface because it just won't work. With the left joystick you can control the volume and the octave range of the tones. By using the PLAY command, we are listening to pure musical notes in contrast of the not defined SOUND tones; the end result of this is that the output is a bit richer (musically speaking). The formulas in lines 40 and 50 adjust the joystick ports input range of 0-63 to the permitted ones for the notes (1-12), volume (1-15) and octave (1-5).

Do you have any ideas for "Totally Not Serious Basic Stuff"? I can be contacted via E-Mail at:

rogelio.perea@class68.com
72056.1204@compuserve.com

Or via standard Mail at (absolutely no SASE required for reply!):

252 North Grand Avenue Apt 169
Nogales, AZ 85621-2637
Porfirio Diaz # 170
Colonia Centro
Nogales Sonora MEXICO 84000

**Another Brainstorm
from Rogelio!**

