

CoCo~123



The Glenside Color Computer Club

**A Glenside Publication since 1985
Your Voice in the CoCo Community**

January, 1997 Volume XVII, Number 1a

Happy New Year! A New Look For 1997!

by: Carl Boll

With the new year come many changes and most I hope are for the better. We have new officers for the Club and a new publisher and editor for your newsletter. If there is something you like or dislike about the newsletter let us know! We are here to serve the members. We need feedback.

Let me introduce myself first off. I'm Carl Boll. In the past I've been a Vice President of the fine organization and have helped to get it organized for the Fests and other activities.

I'll try to make these newsletters as informative as possible but it is up to you, the member to help. I can't write all the articles nor do I know everything that is going on. If you do a project, write about it. If you solve a problem, write about it. Chances are if it was a problem for you it was also a problem for someone else. Let them benefit from your experience. I sure could have used a lot of tips when I started OS-9.

Now is the time to thank all of the people

that in the past have contributed to the CoCo~123 and helped make it the success it has been. Thanks to everyone who has ever submitted an article, written a column or letter. Keep up the good work.

From now on the President will lead off this newsletter (we have to make him think he's important!). I'll just do a column somewhere on the following pages.

Now that I've written all I have to write for the introduction of 1997, let me introduce your new President to you with his column,

The President's /term

by: Mike Knudsen

Greetings from your New President!

(cont. Page 3)

CoCo~123 Information

The Glenside Color Computer Club, Inc. is a non-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, Inc. (hereafter known as GCCC). GCCC has no affiliation with Radio Shack ® and / or the Tandy Corporation®. The opinions of 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 12 issues per calendar year. For a fee of \$15.00, for January through December, you may become a GCCC member with full membership privileges. Send your dues to:

George Schneeweiss
RR #2 Box 67
Forrest, IL 61741-9629

CoCo~123 Contributions

If you would like to submit an article for publication in the CoCo~123 you may upload it to one of the Club BBS's or send it directly on a disk to:

Carl Boll
6242 S. Menard Ave.
Chicago, IL 60638

The following formats are acceptable:

RS-DOS - 5 1/4" disk
OS-9 - 5 1/4" disk
MS-DOS - 5 1/4" or 3 1/2" disk

All articles should be in straight ASCII format, not specialized word processing formats to facilitate importation into the newsletter.

Advertising is also accepted. If you are a vendor you may send an ad to the previous address. All ads should be "camera ready"* art. Please limit the size of you ad to 1/4 page. If you wish you may submit your ad on a disk in the following graphical formats:

JPEG, GIF, BMP, WPG

*camera ready art means printed out on paper ready to be photocopied or scanned. Artwork that has been folded is not considered to be camera ready.

Reprint Policy

If you or your club / user group desire to reprint any articles in part or in whole that appear in the CoCo~123 you may do so under the following guidelines:

1. Provide credit to the Author of said article
2. Provide credit to the CoCo~123

We encourage others to copy these articles and the newsletter and distribute it at you regular meetings.

Glenside Club Meetings

The GCCC meets every second Thursday of the month from 7:00PM to 10:00PM at the Glendale Heights Library. A social get-together always occurs after the meeting at a local restaurant.

Newsletter Exchange

The GCCC is happy to exchange newsletters with other clubs / user groups at no charge. Please send your newsletters to:

Dennis Devitt
21 W 144 Canary Rd
Lombard, IL 60148

These are your BBS's. Please support them.

Glenside CoCoRama BBS
847-587-9837
=/>9600 baud

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

Glenside East
847-632-5558
9600 baud

The ChiCoCo BBS
773-735-3355
14,400 baud

The list of officers will appear in the next issue along with their phone numbers, etc.

Editor: Carl J. Boll

Published by CJB Technologies & Consulting

Most Club members know me, but might as well fill in the details. I'm Mike Knudsen, 35 years old (as computer hackers reckon), I live in an old neighborhood on the north edge of Wheaton (close to Glenside), and design stuff for Bell Labs (Lucent).

As a kid, I built "computers" out of old pinball and telephonerelay -- in the '50s a computer was a wing of a building. I learned FORTRAN programming on punched cards as a freshman in 1962, and loved bossing a big machine around. I was "bit good" by the programming bug, er, virus, er...well, still love it.

I got my first Coco in late 1982 to do graphics, games, and music, having already made 4-part harmony on a KIM-1 since '77. I joined Glenside Coco Club soon afterwards, back when Ed Hathaway ruled over meetings that barely crammed into our Library space (and you couldn't get thru the crowds at Rainbow Fests to see Dennis Bathory-Kitsz' booth; but you'll get your chance yet, at this April's CocoFest!).

When I was a grad student in Computer Science, all my profs joked about what a poor excuse BASIC was for a programming language. I was pleasantly surprised to find it easy and elegant to use, packing a lot of power into a few statements. I wrote a music compiler and player in BASIC and assembler -- one reason I bought the Coco was to program assembler for the 6809, the greatest of the 8-bit micros.

But BASIC was hard to push to the size and complexity of programs I wanted to write -- I needed C, the language I use at work. So, I bought one of the first copies of OS9 sold in DuPage County, followed by BASIC09 and the C Compiler. Later I got a Coco3 and had four Radio Shacks watching for OS9-Level 2.

I was writing piano ragtime and scoring fanfares and hymns for small brass groups, and wanted something to help me with all the musical manuscript editing. I'd been doing music graphics since the BASIC days, but with the Coco3 and OS9-L2 I ended up with UltiMusE. Ed

Hathaway was eager to market it, and we had it on the market from 1989 into early '90s. Today it's shareware, and I'm still working on it. I had one of the first prototype MM/1 sand ported Umuse to that machine, which I still love using.

I have a few other machines at home, but my Coco3 and MM/1 still do all my "serious" work. I had my wife using OS9 for several years in her home office, till she got a Mac (could've been worse!). My son Dan got really good at some Coco games, and even got his picture in The Rainbow, complete with camouflage outfit and joystick.

Besides computing, I windsurf, scuba dive, collect old radios and music machines, fix up pinball machines (the testing phase is the best), and try to be a good President to the GCCC. Without Tony and Carl and all the other hard workers, I couldn't do it. Nobody could.

Please keep on supporting your Club and the Coco as you've done all along, and help make this year's CocoFest the best ever.

Your President, Mike Knudsen

Mike Knudsen

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Articles, Ads and CoCo~123 by: Carl Boll

The CoCo~123 is in dire need of ads, articles and cartoons! If you are selling something send us your ad! If you want to buy something, send an ad. If you have some information, share it by writing an article. It doesn't have to be long, just informative.

The CoCo~123 is all about the CoCo community. As such it needs to be supported by the community. Don't be shy. Help us get this newsletter out to you, send us something to print.

=====(NEWSLETTER ADS)=====
To put an AD in the BBS and
newsletter, upload a file with
the filename.filetype:
FSxxx.ADS
where xxx is your initials.
!!! Our ADS are free !!!
Your ADS appear in FOUR
different newsletters and BBSs!
Ma BELL has seen fit to confuse
our phone numbers with the
addition of TWO NEW AREA CODES!
Please try 847 AND 630 if
708 doesn't work! S O R R Y !

FOR SALE 970219
Great starter computer Tandy
100% IBM compatible, 640K Ram,
3 1/2 disk drive, 20 megabyte,
color monitor & printer - all
for \$350. Call Mary
630-483-8917.

FOR SALE 970219
Autocad software - autodeck
R12-CH that contains Win & DOS
ver & autovision & JD studio.
Great for students & exp users.
Asking price \$270. OBO. Call
847-566-5598.

FOR SALE 970219
PS-166 16 meg.-EDO case, 3.5
floppy/ keyboard, mouse 2MBPCI
SVGA 8XCDROM, SBcomp and 33.6
kbs. modem Win 95 1.66 hd
monitor also avail. \$1381. New.
Hurry!! Call Douglas
847-925-1585.

FOR SALE 970219
PS-100 16 meg - EDO case 3.5
PD/KB/ mouse/lmBPCI SVGA
8xcdrom- SB16 comp + speakers
33.6modem 1.66HD + 14" monitor
Wings & MSPI vs custom made
system. \$985. Call Douglas
847-925-1585

FOR SALE 970219
PS-200 32 meg - EDO case, 3.5
floppy/KB/ mouse 2MB PCI SVGA
IOX CD rom sb16 comp & 26HD +
speakers 33.6 kbs modem monitor
- avail. Win 95 + MS plus new.
\$1695. 847-925-1585 Hurry!

FOR SALE 970219
PS-133 16 meg - EDO case
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8xcdrom SB comp & 33.6 kbs
modem 1.60 HD Wings+Plus 14"
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system. \$1250. 847-925-1585.
Hurry!

FOR SALE 970219
Short wave receiver DX-160
5 band \$95. 630-682-9723.

FOR SALE 970219
Apple Classic II 10/80 with
68882 coprocessor. Perfect
condition, original box. \$250.
Call 847-825-0209.

FOR SALE 970219
2 computers 486SX33 8 meg ram
with CD, 14" color monitor, modem
200mg HD 2 floppies \$600. OBO.
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after 8 pm. \$250. OBO
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FOR SALE 970219
Quadraflex QL-410
semi-automatic turntable
w/digital series cartridge.
Barely used. \$120. new, asking
\$60. OBO. Call 847-272-4946
evos (6-10pm).

FOR SALE 970219
Computer - 486SX25 w/210M HD,
4M ram, modem, k-b & mouse.
Win. 3.1, Wordperfect 6.1 more
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PwRPC, 24 MB RAM, 350 MB HD,
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mon+bundled sftwr + addl games
for pre-kids - \$1000. OBO.
630-690-5357 - day or eve -
Chris.

FOR SALE 970219
Computer desk \$30. 55 5/8"H x
28"W x 23 1/2" d. Oak finish
4100. in stores. Wayne
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FOR SALE 970219
Power Macintosh 75MHz power PC,
16MB RAM, 1GB HDD, 4x CD ROM,
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modem \$800. firm. 847-740-6423.

FOR SALE 970219
486 66MHz computer 8mb ram, 14.4
fax modem, sound blaster, 4X CD
rom, 500 mb HD, speakers, APC
pwrmgr AC line filter,
software, top line 15" monitor,
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FOR SALE 970219
Brand new battery eliminator
for the Motorola Cellular Flip
phone \$15. Replacement battery
for the Motorola (home)
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Call 708-565-6686.

WANTED 970219
Intel 486 66 MHz SV working
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FOR SALE 970219
External CD ROM, 28.8 modem for
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FOR SALE 970219
P150 computer system, 32MB EDO
RAM, 1.3 GB HDD, 512KB cache,
3D video card w/2MB, 8x CDROM,
16 bit sound card, 80 watt
speaker, 14" monitor, key &
mouse, 1 month old. Win 95
\$1600. 847-352-7001.

FOR SALE 961230
COCO 2,3 - DIRECT CONNECT MODEM
HARD DRIVE(20 MEG), DISTO SUPER
CONTROLLER, RGB DOS, 2 IMP 132
PRINTERS, MOUSE, KOWOLA PAD,
MULTIPAK INTERFACE, CARTRIDGES,
DIK DIVES JOYSTICKS, BLACK
ONESAND THE COOL WHITE ONES.
JOHN SLADEK (610)522-0966 VC OR
(610)522-0267 BBS
I DONT WANT MUCH MONEY FOR THEM

FOR SALE 961218
Epson ES-120C scanner
w/Photoshop \$800. OBO. Epson
Stylus Pro w/ PowerRIP- \$400.
OBO. Apple Laserwriter Select
360 - \$800. OBO. Steve 550-
8619.

FOR SALE 961218
Macintosh computers: Performa
6300CD/ 100, 32M/1.2G, 28.8
fax/modem, CD Rom, 15" color
monitor, software - \$1700. OBO.
LCII, 1CM/8M,14" color monitor
\$350. OBO. Steve 550-8619.

FOR SALE 961218
Amiga 2000 with 32 bit 68020
CPU accelerator, 325M hard
drive, 3.5" ext. & int floppy
drv, AMAXII Mac emulator, 14.4
modem flicker fixer, joystick,
\$400. Call Kris @ 630-830-9360.

FOR SALE 961218
Memory 16 meg 72 pin Edo Simm
\$85. Also 4meg 72pinEdoSim \$25.
7761870.

FOR SALE 961218
Intel 486DX266 2 545 meg HD's
32 meg ram, quad speed CDROM,
28.8int modem, mini tower case
Vesa local bus both floppies
runs fast need to sell! \$850.
OBO. 630-372-2823 after 5:30
pm.

FOR SALE 961218
Printer Panasonic KX-P2 124
wide carriage, 24pin dot matrix
color capable \$100. Call Kim
after 5 pm. 630-894 2516.

FOR SALE 961218
Computers for a young student,
household - Mac+ w/40/80M Hd.,
4M ram, many extras. \$150/180.
Addmodemfore-mail or Telnet.
Yes, they're out of date, but
very functional. 359-7293.

FOR SALE 961218
Computer - 486DX2-66 w/CDROM,
420MHD, 16MRAM, k-b & mouse,
DOS 6.0, Win 3.11, \$565. 15" H
I-RES SVGA Mon \$175. NLQpnter,
\$85. All together, a gr-at
setup. \$775. 359-7293.

FOR SALE 961218
Computer - 386SX20 w/140M HD,
SVGA video ca-1 & mcmtor,
DOS6.09, Win 3.1, modem, k-b &
mouse. Lotsa s/ w, Just add B-J
pnter, and it's great for
college ! 359-7293.

FOR SALE 961107
IBM compat PC 486/33SX 4MB RAM
170 Mb HD 2 floppy drvs kbd
mouse. Lots of software. Asking
\$300. 14" 28 dot color monitor.
Asking \$200. Will sell
separately or together. Call
630-434-9534.

FOR SALE 961107
3-D camera Everything included.
Asking \$500 OBO
Call 630-924-8492.

FOR SALE 961107
Gateway 486DX33 computer, 250MB
8MB RAM multi-media keyboard,
mouse incld. Monitor, & modem
not included\$250/OBO
Contact 630-462-1648 after 6pm.

FOR SALE 961107
SX86 133MHz multimedia tower.
14" SVGA, 6X CD drive, 1.27
GIG, 16MB RAM, 1MB PCI video,
33.6 modem, sound card,
speakers, keyboard/mouse.
Weekdays 11-3 pm\$1275
847-855-9157.

FOR SALE 961107
Laptop TI4000M DX2-50 dual scan
8M RAM built in sound 325m hard
drive 2 type 2 1 type 3 PCMC
slots Win3.11. \$800. Call after
5 pm Ask for Paul 925-9775.

FOR SALE 961107
Digital DEC520ic color ink jet
printer. \$125 847-296-3844

FOR SALE 961107
Plotter - HP Draftpro - DXL
8 pens good condition\$500
815-356-1198.

FOR SALE 961107
HP Omnigo 120 PDA with 1MB SRAM
card & PC interface \$200. Call
847-854-5418.

FOR SALE 961107
Tandy 485ED-IBM comp, 75MHz
486DX4, 8meg-RAM (EXP) CDROM
SCSI sdbl str, mod, NE-2000-15"
SVGA-VLMP \$1000 TDY multimedia
IBM-comp. 50MHz 2486SX-5Meg-
RM(EXP) CDROM sdblstr mod prtr
14" m \$740. 847-336-6902.

FOR SALE 961107
Super Nintendo game system.
Includes 3 controllers, all
cords & 99 games: Mortal
Kombat3, Killer Instinct,
Donkey Kong Country & more!
Call 593-2845 anytime \$200.
OBO.

FOR SALE 961107
Mac IICI w/14.4 fax modem, 8Mg
RAM, 80Mg HD, Laserwriter II
NTX. \$800. OBO. Call 705-0967.

FOR SALE 961107
486SX computer 8MRAM w/lots of
software. Great starter \$300,
\$475 w/ SVGA monitor. Call 630-
833-3433 Iv msg.

FOR SALE 961107
Mac SE/30 w/Imagewriter color
printer. 40MB HD. 8Mb RAM
w/software upgrade to 14Mb RAM
Custom Apple carrying case for
both computer & printer.
Lots of software incl. All
necessary cabling incl.
Everything like new. \$525 OBO
Must sell. Call 821-0937.

FOR SALE 961016
Macintosh PB520c w/12M RAM 500M
HD 19.6K int FAX modem ...\$1800
Mike 312-337-1135

FOR SALE 961016
 Macintosh PE230 w/12M RAM 120M
 HD 14.4 int FAX modem
 Lapis minidock\$600
 Mike 312-337-1135

FOR SALE 961016
 Macintosh 5215 Performa 16M RAM
 75 MHz power PC 14.4 int modem
 15" built in color monitor
 CD ROM lots of software ..\$1500
 847-740-6423

FOR SALE 961016
 14.4 FAX modem w/sftwr\$35
 Juan 847-695-9033

FOR SALE 961016
 14.4 int\$40
 14.4 ext\$60
 286 bdacase\$25
 386SX-16 w/math co-processor &
 case\$35
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FOR SALE 961016
 386DX-40 14" VGA 105MHD 4M RAM
 SB16 sound card w/spkrs modem &
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FOR SALE 961016
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 HD 2M RAM 16 bit sound card CD
 drive speaker & modem Loaded w/
 sftwr \$500 847-855-9157

FOR SALE 961016
 IBM 486 w/monitor & software
 \$900 OBO Extra software &
 printer for extra \$200
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FOR SALE 961016
 386DX turbo 15" SVGA 350M HD &
 100M HD Sound card SB16
 tape backup internal dr ...\$680
 630-837-4325

FOR SALE 961016
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 630-837-4325

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FOR SALE 961016
 486 100 MHz CDROM 500MHD high
 performance card LAN equipped
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FOR SALE 961016
 486SX25 100MHD 4M RAM SVGA
 Visual C++ Visual BASIC
 WordPerfect for Windows ...\$499
 847-781-0641

FOR SALE 961016
 Compudyme 386-25 210MHD 4M RAM
 STB Vesa VGA cntrlr 5.25&3.5 FD
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 software no monitor\$250
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FOR SALE 961016
 Macintosh extended keyboards
 Refurbished\$25
 Mike 630-351-3436

FOR SALE 961016
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 \$450 LIZ 847-537-4169

FOR SALE 960912
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 Hard disk 323MB\$60
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 IBM compat PC-486/33 w/math
 coprocessor 4mb RAM, 170mb hd,
 tape backup, 2 floppy drvs, 14"
 28 dot color monitor, kbd &
 mouse. Lots of software ..\$750
 OBO. Call Pam 847-632-9970

FOR SALE 960912
 Lotus Smartsuite 96 for Windows
 95, Notes, Ready.
 Box never opened.\$275/OBO
 Call Maryann 312-175-5154
 9 am - 4 pm.

FOR SALE 960912
 386DX 33MHz 200MHD 4M RAM VGA
 monitor. Window3.1 Word 6 Excel
 Tons of software\$400 OBO
 Tony 847-854-6117

FOR SALE 960912
 Super Nintendo w/1 normal cntrl
 1 Arcade style joystick 4 games
 w/tip bks\$110 OBO
 Snd Blaster 16-SCS12 used 4 mo,
 Compat w/hispdd, int-SCS12 CD
 drives \$130. OBO. 847-301-9911

FOR SALE 960912
 Dell P166S minitower 2.4G HD
 32M RAM 6XCD 17inch. 26 monitor
 AWE32 speakers 2M videoram
 never used. 3 year warranty.
 Bought in June 96.
 Call 847-464-1227 after 6 pm.

FOR SALE 960912
 Pentium-pro 200MHz mother board
 & CPU for \$1300. Call for fully
 assembled system price
 847-549-9472.

FOR SALE 960912
 33.6 fax/modem, made by Action
 Technology, 1 year warranty,
 Rockwell or TI chipset for only
 \$119. Call 847-549-9472.

FOR SALE 960912
 Macintosh computers 80/40M HD
 good S/W.\$225/200
 Epson LQ 510 printer\$100
 IBM media center\$45
 8" HD, 10M never used\$30
 S-100 & PC board & S/W ..\$ask!!
 All "OBO" 847-359-7293.

FOR SALE 960912
 Kenwood Tranceiver TS520S SB.O.
 Toshiba copier BD4810\$220
 Apple #410 plotter L.N.\$75
 847-359-7293.

FOR SALE 960912
 Super Nintendo entertainment
 system. Includes 3 controllers,
 all cords, & 9 games: Mortal
 Kombat 3, Killer Instinct,
 Donkey Kong Country & more!
 Call 847-593-2845. \$230. OBO.

FOR SALE 960912
 Computer - Packard Bell, 486SX
 25MHz Multimedia, 14" super VGA
 monitor, 135M-HD, 4M-RAM,
 2X CDROM, sound card w/speakers
 tons of software\$600
 Evenings. Jim 847-895-8389.

FOR SALE 960912
 Mac Powerbook 1 80c active
 color screen, 4M/BOM, 2 batt.
 w/ext. charger, padded case,
 ext. 14.4 data/fax, Stylewriter
 printer, original packaging.
 Must sell. \$900. 847-781-9360.

FOR SALE 960912
 Laserjet 4L-new HP printer -
 never been used - PC compatible
 - 300dpi - 4ppm 1MB memory.
 Can be upgraded to 2MB 100
 sheet input - 50 sheet output
 econmode printing\$350
 Sandy 847-358-2280.

FOR SALE 960912
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 sound card w/wave table\$70
 Toshiba 4 meg sim for T2100
 series laptop\$40
 PC radio card\$25
 Call Ted Evans at 847-695-8946

FOR FREE 960910
 ALPS 24 pin DMP, wide carriage
 w/pwr sply problem. Color FREE
 Bill Beissert 847-428-4629
 117 Cordova Road
 Capentersville Illinois 60110

FOR SALE 960910
 CoCo3 system 512K, DMC, MPI,
 2 floppies, Monitor, DMP-130
 printr, controllers, software
 and moreREASONABLE
 Bill Beissert 847-428-4629
 117 Cordova Road
 Carpenarsville Illinois 60110

FOR SALE 960910
 My whole RAINBOW COLLECTION!!
 Magazines and Disks!! and more!
 Bill Beissert 847-428-4629
 117 Cordva Road
 Carpentersville IL 60110

FOR FREE 960910
 CoCo2 with bad 6809 in it. it
 locks up, 64KFREE
 Bill Beissert 847-428-4629
 117 Cordova Road
 Carpentersville Illinois 60110

FOR SALE 960801
 TS2068 with spare for parts \$35
 TOS DD Intrfc w/2 3" drivs \$40
 TS2040 printer w/paper\$10
 QL w/docs & tapes\$40
 Atari 1024 Monitor\$10
 Commodore Monitor for PC ...\$40
 Lyman Pacquette
 c/o Jeff Taylor
 103 Jordan Drive,
 Orangeville, ON
 Canada L9W 4W7
 (519) 940-0966

FOR SALE 960801
 Complete TS2068 package\$45
 Above w/Spectrum ROM SW\$50
 3-TS2040 Printers each...\$15
 Jeff Taylor
 103 Jordan Drive,
 Orangeville, ON
 Canada L9W 4W7
 (519) 940-0966

FOR SALE 960630
 complete in original boxes).
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 complete in original box).
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 SANYO DM-2112 Monochrome mitor
 (used will work with the TS2068
 computer.)
 Make offer including shipping
 costs:
 FRED HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 Thomson 4120 Color monitor used
 but like new will work with the
 TS2068 computer.
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 IBM 5151 Monochrome monitor
 (used) has IBM connector so
 probably is for that computer
 only.
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 TS2040 Printer (used) complete
 with pts and docs.
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 LarKen disk drive system (never
 used) for T/S 2068.
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 WESTRIDGE modem with power sply
 Make offer including shipping
 costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 Timex 3" disks (used) including one identified as: CP/M vers. 2.2 & monitor emulator (never used and includes docs. Timex user's guide to CP/M & Digital Research CP/M operation system command summary). Make offer including shipping costs:
 FRED J HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 Oliger EPROM programmer system (never used includes supporting documentation and EPROM programmer board assembled by supplier Make offer including shipping costs:
 FRED HENN
 230 N FRENCH RD
 AMHERST NY 14228-2033
 (716 691-9495)

FOR SALE 960630
 TS2068 OLIGER EPROM programmer, never used assembled by supplier Fred Henn
 230 N French Rd
 Amherst NY 14228-2033
 716-691-9495

FOR SALE 960701
 1. HARDWARE: ZX-81 Computer, TS-1000 Computer Case, ZX-16K RAM (Qty 2), TS-1016 RAM Pack, and TS-1000 Winky Board.
 2. SOFTWARE ON CASSETTE: Backgammon Frogger Word Sinc States and Capitals Total Triangles Conversational Spanish Conversational German Conversational French
 3. SCHEMATICS: TS1000 Computer TS-1016 RAM Pack ZX-81 Computer and ZX-16K RAM Pack.
 I would like to get \$20 for the entire package, but, any offer will be considered and probably taken! Either leave email or give me a call (847) 360-1549 if you're interested.
 Gary Lessenberry

FOR SALE 960630
 2 - Q1s w/QL printers & accsrs R A JELEN
 11443 Island RD
 Grafton OH 44044
 216-748-3830 SASE for full list

FOR SALE 960630
 3 - TS2068s w/printrs & accsrs R A JELEN
 11443 Island RD
 Grafton OH 44044
 216-748-3830 SASE for full list

FOR SALE 960630
 TS2068 CMOS motherboard with spares & accessories R A JELEN
 11443 Island RD
 Grafton OH 44044
 216-748-3830 SASE for full list

FOR SALE 960630
 TS2068 OLIGER DOS system built in IBM style case complete with parallel printer port and CGA monitor. Many spares & accessories R A JELEN
 11443 Island RD
 Grafton OH 44044
 216-748-3830 SASE for full list

FOR SALE 960630
 TS2068 OLIGER EPROM programmer, cartridges and EPROMS and many spares & accessories R A JELEN
 11443 Island RD
 Grafton OH 44044
 216-748-3830 SASE for full list

WANTED 960630
 3.5" ED disk drives that work the GoldCard on the QL. Also 3.2 Meg floppy disks for them. John Pegram
 1126 Stradelle RD
 Los Angeles CA 90077

WANTED 960630
 MEMOTECK serial or parallel interface for the ZX81/TS1000 Rod Gowen
 14784 S Quail Grove Cir
 Oregon City OR 97045
 503-655-7484

WANTED 960630
 UHF Modulator for ZX80 or ZX81 Fred Stren
 23386 Serene Meadow DR S
 Boca Raton FL 33428
 407-852-6899 evenings

FOR SALE 960617
 Motorola Sport 10 GMRS Portables 10 channel, 2 watt, Olympic Edition. Original price 149 per pair..... Both for \$100.00 GaryChesshir N9SBL 847-538-1449

FOR SALE 960617
 Realistic Portable scanner, vhf low-high-uhf. 10 channel \$50.00 GaryChesshir N9SBL 847-538-1449

FOR SALE 960617
 Sony Air Band portable scanner with coverage of VHF 108-174, AM&FM with coverage of AM band to cover 150-2100 khz. 10 ch x 4 banks.....\$125.00 GaryChesshir N9SBL 847-538-1449

WANTED 960606
 Fred Reimers, KF9GX, is looking for an old article. March 1993 QEX 432 MHz Amplifier. Contact Fred on 847-576-3540.

WANTED 960604
 Fred Reimers, KF9GX, is looking for an old article. December 88 issue of Ham Radio magazine. Article is 4-digit DTMF decoder Contact Fred on 847-576-3540.

FOR SALE 960418
 Icom T21AT 2M HT for sale. The unit also receives on 440 and will do full duplex, transmitting on 2M and receiving on 440. Given 12V this HT will produce 6W, rather than the more common 5W. Usual HT stuff, 99 memories, CTCSS encode/decode. DTMF encode/decode, autodial. The T21AT is a nice compact size, has a backlit display and keypad, 800mah battery (in very good shape). Downsides? The T21AT uses an SMA antenna connector, I have an adapter for BNC which I'll include. There are a couple light scratches on the outside edges of the display. I'll also include the filtered car cord and a AA battery case. I have the original manual and box. Steve KA9QOA\$175

FOR SALE 960418
 The FT10/40/50 series is very well built (meets some mil-spec rating) and is water resistant. I have also had very good luck with the receiver being intermod resistant. Radio is in excellent condition, only downside is the SMA antenna connector (male on the radio) but I'm including the BNC adapter. I have all the original accessories, box, and manual. Steve KA9QOA\$275

FOR SALE 960418
 Radio Shack, Patrolman mobile scanner. 12V only, 100 channel. in banks of 20, x 5. Cover 30-950, with the standard skips. 30-50, 118-174, 440-512, 800, modified to extend on to 950, yet it receives cellular. 5 years old, works-looks like new. orig 220.00,Want \$75 Call Gary 847-538-1449 N9SBL

WANTED 960418
 Looking for a Kenwood BT-1 Alkaline Battery Case for a TR-2500/3500. Call John Gilbert KA4JMC at 847-576-6215.

WANTED 960417
 Memotec Assembler Module RS-232 for the ZX81 and T/S1000 Memotec extnmal keyboard system Any books or info on ZX-81 ROM and ULA chips. Jose Moreno SYSop SCC BBS (305) 945-8274 1871 N. Glades Dr. Apt. #3 N. Miami Beach, Florida 33162

FOR SALE 960416
 IC-37A 222 MHz 25 W Icom Mobile Never used in contests or HIFwr operation.\$225 IC3AT 222 MHz Icom Portable w/PL\$100 IC02AT 2 meter Icom Portable w/PL,lcd display,10 memory.\$175 Both with Hi Capacity Battery Call Nick Berg 847-435-7880 or CNB0010@email.mot.com

FOR SALE 960412
 Upgraded HEATHKIT SB-220 Linear New Heavy Duty Peter Dahl Hypersil Power Transformer New filter capacitors New Metering/Rectifier board VHF parasitic suppression In-rush current limiting New heavy duty fan Soft-Keying The above upgrades were made in March 1996. Tubes are in Excellent condition. 2 spare tubes included, also 2 new condition tubes included. These tubes have been tested & never put in service.\$800 Andy Bachler N9AB Work 523-6167 Home 566-0594

FOR SALE 960404
 Amiga 2000 w/HD 8M Patter Agnus and loads of software\$600 GVP G-lock new in box\$150 TASCAs Porta 03 new\$160 312-536-6693

FOR SALE 960404
 Epson 286 40M HD 14" color mnter NEC 5200 PINWRITER dot matrix printer & lots of software 815-477-9934.....\$250 OBO

FOR SALE 960404
 Macintosh Color Classic 6M RAM 80M HD 14.4 FAX MODEM \$600 OBO Jeff 815-334-0048

FOR SALE 960404
 IOMEGA 100 MB zip disks 3-pack 708-894-8716\$35

FOR SALE 960404
 Intel P-133 Mhz computer brand new 1 yr parts & labor 16MB EDO RAM 4xCD sound card 1.2 GB HD 15" monitor 28.8 fax/modem Windows 95 CD games pack Shibu 708-549-9472

FOR SALE 960404
 NEC Multisync 2A 13" color mnter 800X600 Exc cond\$150 OBO Dave 708-359-8574

FOR SALE 960404
 Internet in a box 2.0 for Wndws & Windows 95 never used 708-934-5431\$45

FOR SALE 960404
 Mac Performa 405 computer 4MR 14" Magnavox color mnter ext CD ROM mic 2 ext spkrs keybd mouse software like new 708-628-1390\$675

FOR SALE 960404
 Magitronic 486 DX 33 Mhz 4MR 320MB HD SVGA dual floppy mouse Windows 3.1 MSDOS 5.0 Epson FX1050 printer\$600 708-529-3029

FOR SALE 960404
 Commodore 128 with floppy drive monitor & printer 708-830-6926\$25

FOR SALE 960404
 IBM 286 compatible w/word prcsr Epson printer & lots of disks 708-289-0059\$300

FOR SALE 960404
 Packard Bell 486 DX 33 Mhz 8MR 170MB HD 15" SVGA 2X CD ROM sound blaster 16 speakers 14.4 fax tape backup dual floppy mouse Windows 3.1 MSDOS 6.2 Jeff 708-490-1387\$1000/OBO

FOR SALE 960404
 Mac Plus 40 M HDD sftwr ...\$200 Dan 708-359-7293

FOR SALE 960404
 Mac Plus 80 M HDD sftwr ...\$230 Dan 708-359-7293

FOR SALE 960404
 386DX40 CD ROM sound 540M HD
 4M RAM 14.4 modem SVGA monitor
 1.44 FDD MSDOS 6.2 Windows 3.1
 MS office & more\$750
 Dan 708-359-7293

FOR SALE 960404
 386DX40 CD ROM sound 420M HD
 4M RAM 14.4 modem SVGA monitor
 1.44 FDD MSDOS 6.2 Windows 3.1
 MS office & more\$650
 Dan 708-359-7293

FOR SALE 960404
 Macintosh SE w/Imagewriter \$300
 softwr, manuals & ink cartridges
 Call 815-439-3852

FOR SALE 960404
 Panasonic KXP3151 daisy wheel
 Parallel Printer optional
 automatic/pin feed like new
 708-577-7327\$75 OBO

FOR SALE 960404
 TOSHIBA T-1200 Laptop\$175
 708-740-3922 best offer

FOR SALE 960308
 Samsung Notebook Computer
 Pentium 90 10.4" active color
 screen 8 MB RAM 1.3 GB HD
 removable/16 bit sound/built in
 spkrs & mic plus extra battery.
 New in box never used ... \$3506
 Call 708-263-1685

FOR SALE 960308
 Notebook computer Pentium 100MH
 8MB RAM 540MB HD 10.4 color
 screen built in 4xCDROM floppy
 drive /only 7 lbs/ carry case,
 battery & charger. New in box
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 Texas Instruments Extensa
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 Pentium 75 8MB RAM 524 MB HD
 floppy drive removes for CD-ROM
 10.4" color screen. Box never
 opened (brand new)..... \$2500
 Call 708-263-1685

FOR SALE 960308
 Compaq Presario 466 - 486SX2166
 340MBHD 4MB RAM 2400 baud modem
 14" Compaq SVGA monitor mouse &
 software..... \$900
 Call 708-608-2678

FOR SALE 960308
 386 DX40 IBM Compatible 300MBHD
 8MB RAM VGA monitor WIN 3.1
 DOS 6.22 printer 3.5"&5.25" FDD
 tons of software \$500/OBO
 Call Jim 708-465-0730

FOR SALE 960308
 14.4 FAXIDATA modem computer
 peripherals, External w/manual
 Steve 708-443-9609 \$50/OBO

FOR SALE 960401
 IBM PS2 386DX w/modem 66MB HD
 8MB RAM SVGA monitor & sound
 card DOS 6.22 WIN 3.1 Prodigy
 AOL Call 312-682-7225.... \$500

FOR SALE 960308
 Zenith 386SX Notebook computer
 80MB HD 4MB RAM 387SX math co-
 processor fax modem extra bttry
 Call 708-695-0084 \$575

FOR SALE 960308
 SImm-4MB 72pin 80nsec no parity
 (Macintosh) \$100.. 708-884-1679

FOR SALE 960308
 212 MB internal HD SCSI interfce
 R A JELEN
 708-382-3125 after 6pm.... \$75

FOR SALE 960308
 Macintosh LC computer 10/160
 FL65 45MB external HD CD ROM
 13" color monitor Costar Label-
 writer HP color printer
 Call 708-359-6515 \$850

FOR SALE 960308
 Packard Bell 486 DX250 MHz 4MR
 260MB HD 14" SVGA CD ROM
 cordless noise HP 560c printer
 Software Windows WordPerfect
 MS office\$1250/OBO
 Call KP 708-592-9892

FOR SALE 960308
 ACER 486SX/25 14" color monitor
 EPSON J250 dot matrix printer
 Windows Works 2.0 Windows 3.1
 MSDOS 5.0 fax modem 2.5 years
 old hardly used..... \$800/OBO
 Call 708-526-2319

FOR SALE 960201
 Apple IIGS 512K RAM GS clr mnter
 Imagewriter printer..Best Offer
 708-741-4985

FOR SALE 960201
 Pentium 75MH mini tower 16M RAM
 500 M HD dual speed CD 15" SVGA
 2M video RAM Windows 95 Lotus S
 Laser printer 300 DPI\$2400
 JAMAL 708-247-8119

FOR SALE 960201
 IBM PC-XT HD 5.25 FD KYBD BEST
 708-371-7950

FOR SALE 960201
 Macintosh SE & Imagewriter \$400
 815-439-3852

FOR SALE 960201
 486 Packard Bell Math Coprsr
 color monitor DOS 6.1 Wndws 3.1
 All manuals & disks\$750
 708-949-6594

FOR SALE 960201
 486SX new monitor & video card
 sound blaster w/speakers 8M RAM
 \$750 OBO Ron 708-358-8322

FOR SALE 960201
 Fine deal for someone within
 driving distance of Gettysberg.
 All the following to the first
 person to show up w/ \$350 cash
 and cart it away. Firm
 3-TS2068 1-TS1000 2-TS2040
 2-TS2050 Mdms 2 Color Monitors
 1-B&W Monitor & all the goodies
 Paul Robinson
 121 Franklin St
 Fairfield PA 17320

FOR SALE 960201
 386-20 Laptop\$250
 2-IBM XTs best offer
 815-455-6490

FOR SALE 960201
 15 Yr collection of T/S Cmptrs
 ZX81, 2-TS1000, 5-TS1500 and
 PC8300 with all the goodies.
 Must take it all for \$75 plus
 \$20 for shipping Large 45# box.
 R A JELEN
 11443 Island RD
 Grafton OH 44044
 216-748-3830 for questions

FOR SALE 960201
 TS1000 COMPLETE\$15
 GENE RAY
 2388 HWY 36 E
 MILNER GA 30257

WANTED 960201
 TS USER #2 & #5
 TS HORIZONS #'S 1,2,7,11 & ALL
 AFTER 16.CONVERSATIONAL GERMAN,
 DER STUDENT, GERMAN TUTOR OR
 SIMILAR. MACHINE CODE TUTOR
 FOR THE 2068 OR 1000
 DOUG WAGONER
 E 4825 ST ANTHONY LN
 POST FALL ID 83854-8812

FOR SALE 960201
 TS2040 PRINTER COMPLETE ...\$20
 WILLIAM DES LAURIES
 9926 KRAMER CT
 INDIANAPOLIS IN 46236-1647

FOR SALE 960116
 Brand New TS2068s and more.
 Eric Johnson
 249 N Harden Av
 Orange City FL 32763
 904-755-4935

FOR SALE 960101
 Half Height Quad Density 5.25"
 (720K) Floppy Disk Drives
 \$25 each or 10 for \$150
 Computer Classics
 RT 1, BOX 117
 COBOL MO 65689
 417-469-4571

FOR SALE 960101
 IBM XT 10M HD 640K RAM 360 FDD
 MONOCHROME MONITOR & KEYBOARD
 SERIAL AND PARALLEL PORTS \$200
 Computer Classics
 RT 1, BOX 117
 COBOL MO 65689
 417-469-4571

FOR SALE 960101
 IBM 286 20M Hard Drive 1M RAM
 1.2M and 1.44M Floppy Drives
 MONOCHROME MONITOR & KEYBOARD
 SERIAL AND PARALLEL PORTS \$350
 Computer Classics
 RT 1, BOX 117
 COBOL MO 65689
 417-469-4571

FOR SALE 951212
 2-TS 2020 tape recorders ...\$23
 or \$13 for 1 includes shipping.
 PleaseAdd \$2 to ship to Canada.
 Eliad Wannum c/o UPDATE! Mgzrn
 PO BOX 17, MEXICO IN 46958 USA

FOR SALE 951212
 2-Schoen replacement keyboards
 for the QL.ea. \$16
 Eliad Wannum c/o UPDATE! Mgzrn
 PO BOX 17, MEXICO IN 46958 USA

FOR SALE 951212
 2-Anti-bounce chips to replace
 the 8049 on the QL for those
 that don't want to go to the
 HERMES chips.ea. \$6
 Eliad Wannum c/o UPDATE! Mgzrn
 PO BOX 17, MEXICO IN 46958 USA

FOR SALE 951122
 TS1000 TS1500 TS2068 TS2040
 A&J Microdrives AERCO CPI &MORE
 Contact for prices:
 Mike Stephens
 312 Newton Avenue
 Oakland CA 94606-1320

FOR SALE 951122
 Complete with Dual 5.25" FDDs
 Doc board power supply intrfc
 LarKenized RAMEX System\$80
 Mike Stephens
 312 Newton Avenue
 Oakland CA 94606-1320

FOR SALE 951116
 CGP-115 Color Graphic Printer
 by Tandy Radio Shack
 Like New Condition\$65
 DG SMITH
 415 Stone ST
 Johnstown PA 15906

FOR SALE 951116
 Sinclair QL - New - Never used!
 Package includes TRUMP CARD,
 PwrSply, Manuals, Printer Cable
 24 MicroDrive Cartridges - 10
 programmed 14 blank\$125
 DG SMITH
 415 Stone ST
 Johnstown PA 15906

FOR SALE 951028
 Monitor 13" Color Used CV
 General Science\$72
 Includes shipping - Visa or MC
 Call Roger @ 716-338-7001

FOR SALE 951021
 3-TS2068 1-TS1000 2-2050 MODEMS
 2-2040 PRNTRS 2-COLOR MONITORS
 1-B/W MONITOR 2-SPECCY EMULATRS
 ALL SOFTWARE & PRINTED MATERIAL
 PAUL ROBINSONFIRM \$300
 121 FRANKLIN ST
 FAIRFIELD PA 17320

FOR SALE 960630
 TS-1000 items - They Are Going!
 Make offer including shipping
 costs. I cannot guarantee that
 all cassettes will load but I
 can offer to replace with or
 cassettes as long as I have them
 but you will have to pay
 shipping on replacements. The
 list is on The Club BBS, 847-
 632-5558.

DONALD S. LAMBERT
 1301 KIBLINGER FL
 AUBURN IN 46706-3010
 219-925-1372

Subject: Re: CoCo IDE interface

Hi All,

Some of you may have heard about the possibility of the Glenside Color Computer Club making an IDE interface for sale to the CoCo community and to be available at the 6th Annual "LAST" Chicago CoCoFEST! This is a real project that we are undertaking.

So what exactly are we talking about here? The IDE interface is a plug in board that can be inserted into the expansion buss of the CoCo to allow use of IDE hard drives with the CoCo. At this point it is strictly an OS-9 Level 2 device since those are the only drivers we have for it. In the future there may be OS-9 Level 1 drivers and even support for DECB under ADOS.

Let me describe the board as it is currently conceptualized. The board will have two sets of identical solder pads which will start just outside the CoCo. They will be properly spaced to allow soldering a 40 position card edge connector. This will allow you to plug the floppy controller into this card eliminating the need for a Y-cable or Multi-Pak. You can solder Header pins into the second set of solder pads and have an expansion bus which will allow you to add other future boards or you can add a second card edge connector, either on a plug in board using the header pin arrangement (suggested) or solder the card edge connector directly to the card. This will allow the adding of a third device like an RS-232 Pak.

Right now we are also planning on allowing a provision to supply external power to the board. This will be accomplished by a series of jumpers and solder pads. The instructions will be included. This will allow the user to add the +/- 12Vdc that Tandy neglected to provide the CoCo3. This will be a real plus to those of us who have repackaged our CoCo's or are planning on doing so.

The interface will be distributed in

three forms. The first form will be just the PC board and the drivers. The buyer will have to find the parts and install them. This will require knowledge of proper soldering skills. There will be no warranty with this option of course since there are too many variables (the only exception will be the proof that the board itself is bad).

The second form will be the board with the sockets, capacitors, resistors and LED's installed. Included in this option will be a single chip that is not available at the Rat Shack currently. The owner will have to purchase all of the other chips at the local Rat Shack (they are all "off the shelf items") and install them. There will be a limited warranty with this option since the board will have been assembled and tested prior to sale. I might add that this form will end up costing the user more than the third option. If however you have the needed chips available (perhaps in your spare parts bin) you may wish to go this route.

The third form will be to distribute the board fully populated and ready to use. This option will have a full warranty.

Of course none of this is set in stone as of now. The options may change as this project nears completion. Major reasons to make changes will be size of the board and cost.

In none of these options are we including a plastic case to house the board. The reason for this is cost. At this point we can't find enough to make it worthwhile to "fool" with. The other reason is time. Even if we found a source for the "old" style cases we'd still have to modify them. My personal suggestion to anybody buying one of these is to purchase a Project Case that is big enough for the card, cut the needed openings, mount the card in it and go with that. It is the easiest and best solution if you are uncomfortable having a bare board sticking out of your computer. Other options are to use an old 8-track cartridge case or to purchase one of the

cases that we do have access to for \$5.00 and modify it.

This board is being prototyped right now. We have a hand made working board and we have schematics. The artwork is in progress. I can not give a definite timeline yet or a price (the artwork will determine the price) but we will have it ready for the Fest.

We decided on these forms of distribution since we are really only concerned about getting this project completed and out to the general community, not in profit. Our main reason for taking this project on is that it is unique and we feel that it has a definite benefit to the community. We have seen many good projects that had working prototypes and interest from the community die due to the lack of funds for producing a hardware project like this. An example would be the AT keyboard interface as well as the page scanner for the CoCo.

I would suggest that it may very well be that the plans and software (the original software, not the software included with the kit) may be released to the general public, this is up to the owner of the copyrights. The artwork will of course be copyrighted by the GCCC and it will be up to the membership if it is to be released to the Public Domain if the schematics are released (we could not release the artwork if the schematics are not released, a proviso of our contract with the copyright holder.

We received several excellent suggestions during the planning process of this project. One was to offer the board in a kit form.

This was an excellent idea and I took it one step further by installing the sockets, resistors (4), capacitors (9) and LED's (1). This way we can test the board before shipping it. It will not add to the cost of the board since the work is being done by volunteers.

Another idea was to take deposits before actual production of the board.

This is also a good idea. Right now we, The Glenside Club need to know just what kind of desire there is for these boards. My proposal is this:

1. Send me E-mail or US snail mail stating which option you are interested in.
2. At some point in the near future I will send you E-Mail or snail mail asking for a \$15.00 deposit...do NOT send this in now. It will be sent to a different address than the Treasurer because he has enough to do with dues and Fest tickets.

The amount of requests we get will directly determine the amount of boards that we will have manufactured. Obviously the less orders the fewer boards. This will directly affect the cost. If we only have 50 boards etched they will cost more per board than 100 will. The same goes for parts.

At this point we are nearing the point of costing the whole job out. After we cost the job I'll have prices. The problem is we are not trying to make a profit on this and want to keep the final cost as low as possible. In order to do this I need an idea of demand and I also need to know what form is desired in order to determine how many parts to order.

I might also add that IF the Club determines that the cost will be lower (due to price breaks, etc.) those with outstanding orders will get the price break and if we determine that the prices must be higher those who have sent in a deposit will be locked in to the lower price! I wouldn't expect there to be a large difference but it could happen. Look what happened to RAM prices a few years ago.

So, a recap, If you are interested in obtaining one of these interfaces I need you to send me E-Mail or US snail mail now telling me how many you would want and in what form, or contact Tony Podraza @ Glenside's Cup Of CoCo BBS at 847-428-0436.

Thanks to y'all,

Carl Boll
root@chicoco.chi.il.us
or
Carl Boll
6242 S. Menard Ave.
Chicago, IL 60638

FLASH!!!

Late breaking news:

The publishing of the newsletter was so late that we have decided to start accepting deposits for boards. These deposits will be non-refundable if you decide you don't want to purchase the board at a later date. If you have access to Internet E-mail you can send E-mail rather than a deposit. We still don't have a price on the boards yet but they should be between \$45.00 and \$60.00 for a fully populated ready to use board. If you send a deposit make sure you send a note as well with your name address, etc. You can send the deposit of \$15.00 to the following address:

IDE boards
c/o Carl Boll
6242 So. Menard Ave.
Chicago, IL 60638

Please make the checks payable to the Glenside Color Computer Club, not me. One other note, please send checks or money orders but not Postal Orders. Postal Orders must be cashed at a Post Office and cause no

end of problems for us while money orders and checks can be directly deposited in the bank. One other note, >IF< the boards do end up costing more than the projected \$60.00 then you will be entitled to a refund if you decide to not buy a board. The deposits will be accepted up until May 1st. Please get your deposit in by then. If you do not reserve a board by making a deposit there is no guarantee that there will be one later if you decide you want one.

Thank you,

Carl Boll

Ultimuse to be given away!

At the upcoming CoCoFest! the midi program Ultimuse will be given away! Yet another reason to attend this years Fest.

There will be seminars and vendors. If you've never attended a Fest you really need to attend this one. It may be the last one in Chicago.

Chicago has plenty of other diversions as well. Make attending the Fest an family vacation. Visit the zoos and museums. Take a boat trip on the lake or the river. There is gambling at the riverboat casinos. We have two major airports and there is excellent transportation via limos or taxis.

Chicago has a lot to offer. Oh don't forget shopping! There are malls everywhere and you don't want to miss the specialty shops of downtown Chicago.

Make your plans now. Don't delay. See the next page for further details on the Fest and for the necessary phone numbers and addresses for rooms, etc.

The Glenside Color Computer Club, Inc.
Presents:
The Sixth Annual Last Chicago CoCoFest!



Held at the Holiday, Elgin
April 26th & 27th 1997

Rooms at the Red Roof Inn.
(847) 885-7877

Make your reservations now!

Meeting Location:

**Glenside Public Library
25 West Fullerton Avenue
Glendale Heights, Illinois 60172**

Directions:

The Library is located on Fullerton, about one-half mile west of Bloomingdale Road. Fullerton is about one mile South of Army Trail Road and about one mile North of North Avenue (Route 64). Bloomingdale Road is about two miles West of 53 / I-355 / the North-South Tollway.

NEXT MEETING DATES:

MAY 8, 1997

JUNE 12, 1997

JULY 10, 1997

AUGUST 14, 1997

SEPTEMBER 11, 1997

OCTOBER 9, 1997

NOVEMBER 13, 1997

DECEMBER 11, 1997

The Glenside Color Computer Club, Inc.

C/O Tony Podraza

119 Adobe Circle

Carpentersville, IL 60110-1101