



**NEXT MEETING OF  
THE GLENSIDE COLOR COMPUTER CLUB**

Thursday, May 12, 1988 - 7:30pm  
GLENSIDE PUBLIC LIBRARY  
25W. Fullerton Avenue  
Glendale Heights, IL.

**DIRECTIONS:** Glendale Heights is located between Glen Ellyn & Wheaton, IL and Bloomingdale, IL. Fullerton Ave. is West of Bloomingdale Road in Glendale Heights. The Library is about a half a mile down West Fullerton on the Left side from Bloomingdale Road. The meetings are open to all TRS-80 Color Computer 1, 2 & 3 users and owners.

**Coco ZONE**

**THE GLENSIDE COLOR COMPUTER CLUB  
OFFICERS**

PRESIDENT.....Ed Hathaway  
462-0694  
VICE PRESIDENTS ELECT.....Rich Ekstrom  
885-2573  
Len Zielinski  
976-8791  
SECRETARY/TREASURE.....Greg Pietrucha  
830-1855  
VICE PRESIDENTS, BBS.....Dave Barnes  
307-1516  
Dave Lucas  
478-1398

**GLENSIDE BULLETIN BOARDS**

CHICAGO.....(312) 463-8932  
ROSELLE.....Down for Repairs

**RAINBOWfest WELCOME**

On behalf of the entire membership of the Glenside Color Computer Club of Illinois and the Illinois Color Computer Association, **WELCOME TO THE 1988 CHICAGO RAINBOWfest.**

It is our hope to help make your RAINBOWfest one to remember. If there is anything we can help you with or assist in any way, please call upon us. Most of our members live in-around the Schaumburg area and would be more than happy to assist you in locating what you need to find. We also have a good number of members that live in Chicago and they too could help 'point' you in the right direction if you are planning a trip downtown. Please consider the Glenside Booth as your 'RAINBOWfest Chamber of Commerce'.

If you live in the greater Chicago metro area and are not currently a member of Glenside or the Illinois Color Computer Club Association, **WE NEED TO TALK!** Glenside along with the Cook County Color Computer Club and the Illinois Color Computer Club of Elgin serve the entire North East region of Illinois. Each club is separate from one another, however, we formed the Illinois Color Computer Club Association to provide a standard of quality un-matched by any other 'non-CoCo' group or club. To join any one of the three groups, all you have to do is ASK! All we need to know is where you live. It really is that simple... Because each group is separate, the annual dues and individual services that each club provides will differ from one another. But the same commitment to the Color Computer and it's members is the #1 priority.

Once again, **WELCOME TO THE 1988 CHICAGO RAINBOWfest** and please do not hesitate to call upon us for help or assistance.

## MAY NEWSLETTER

To start off with any May issue of CoCo-1 2 3, we must open with the Chicago RAINBOWfest. As you will read inside this issue, a great deal of pre-advance club activity for RAINBOWfest is underway. I believe that this year's fest will be one of the best yet! If our ticket request is any indication as to the requests Rainbow has received, we are in for a **very** busy weekend. If you are scheduled to work a shift at the club booth, please make sure to be on time. The members you will be replacing have other plans then waiting around for you to show up. If you know that you will be late, let us know. The folk you will be working with will be counting on you to be there... As a reminder, Rich Ekstrom is heading up the booth manpower. If you need to contact him, his phone number is 885-2573.

Somewhere inside this newsletter is a complete breakdown of all the seminars being offered by Rainbow. At past RAINBOWfests, these seminars fill up quite fast. So if you are planning on attending any one of them, **PLAN AHEAD!** If you have bought a CoCo Community breakfast ticket, I think it would be nice if we all could get together before hand and sit together. The breakfast starts at 8:00am (yawn) and will be down in the lower ballroom area. Lets all try to get there somewhere around 7:15am to ensure good seating arrangements. We are also hoping to receive a vendors list before we go to press. That to will be somewhere inside this newsletter providing it shows up from Rainbow in time.

During the last week of April we called in your RAINBOWfest ticket requests. If you have not received your tickets and you are reading this article, **CALL ME!** I (Ed Hathaway) can be reached at 462-0694 anytime.

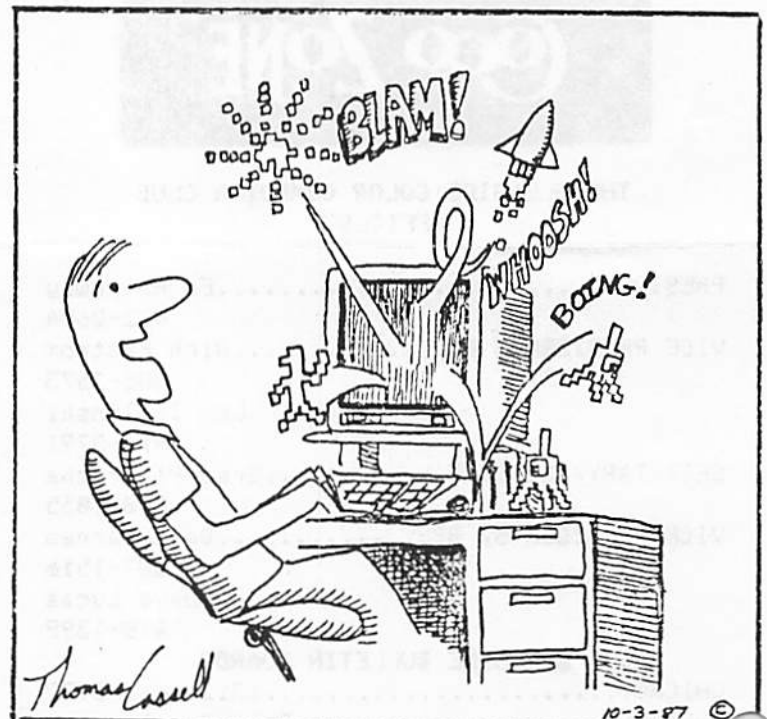
First off we need to pass along some over due **THANKS** to Greg Pietrucha and Rich Ekstrom for **ALL** the work and phone calls they made to see that everyone had the chance to order tickets. With a club as large as Glenside, believe me, contacting and making membership calls is a monumental task. Without the help of these two great folk, I'm here to tell you that something or someone would have fallen through the crack. **THANKS AGAIN GREG AND RICH!**

To recap our pre-RAINBOWfest activity, we have the one and only Len Zielinski taking care of the poster distribution. Again if you took posters, Len needs to know where you placed them. He provided you with every tool to report back to him, so **PLEASE** do so.

As mentioned, Greg Pietrucha is in charge of your ticket requests and Rich Ekstrom is in charge of setting up the man power for the Club booth at RAINBOWfest. During the May meeting we will be going over the duties that will be asked of you while working at booth. All-in-all, there are not difficult assignments providing you know and understand them.

As far as advanced ticket sales, our request was almost **30%** greater then last year. And better then **280%** over the year before that! These percentages are just for RAINBOWfest tickets that you requested. It does not include the breakfast tickets or tickets sales that were/are being generated via the discount coupons you are handing out with the posters. When I called in our request and mentioned the percent of increase over last year, I heard the welcomed echo of **'WOW!'**. This sound ranks right up there with the **'RS-RAP & SHUFFLE'** we get when asking our CoCo questions at some Radio Shack stores. Both are fun to hear and equally as entertaining...

That about wraps up all the advanced activities we were asked to perform and this issue of CoCo-1 2 3. I can not tell you all just how grateful we are for all the help and support you have provided and will provide during RAINBOWfest. This is our once-in-a-year chance to really shine. A **'SHINE'** you have! **THANKS AGAIN...**



**WOW! NOW THAT'S WHAT I CALL  
COMPUTER GRAPHICS.**

## APRIL MEETING REVIEW

As outlined in our 1988 Club Objectives, we promised that we would be doing more CoCo 1 & 2 software presentations. At the April meeting, it was nothing but CoCo 1 & 2. As a matter-of-fact, I lost about fifty cents for even mentioning the CoCo 3! It was all in good fun and I believe we got our point across...

To start off the meeting Len Zielinski did a data base review using it as a mailing label and phone directory. Len uses his CoCo 1 and Pro-Color-File to keep track of some 500 names, address and phone numbers for his Senior Citizen Group. As Len mentioned, he has been creating this list for some time and has not lost one name or crashed the program during a sort since he started. Len also mentioned that the program could perform most if not all math functions if you wanted to set the data base up in an order entry format. THANKS AGAIN LEN FOR A SUPER PRODUCT PRESENTATION...

In closing out our CoCo 1 & 2 evening, I demonstrated Tandy's DISK GRAPHIC program and RS-DOS DYNACALC. Disk Graphic is one of those early Tandy programs that I consider 'a must have' if you need to generate graphs for your business. It is so easy to use and produces a very pleasing hardcopy. The programs only downfall is that you must enter the data into the program. It will not take in out side data from a spreadsheet, data base or text editor. This is a major short coming. However, when you consider that the program was released in the early 80's, just doing what it does is amazing!

The third software presentation was on the RS-DOS version of DYNACALC. As most will attest, DYNACALC is the finest electronic spreadsheet for the Color Computer that any money could buy. This version of DYNACALC has it all! It supports all sorts of major and minor math functions; Cross over cell features for math functions; Allows for field sorting; Full disk I/O including two types of ASCII save/load features; Full HELP screens; Custom hardware configuration; etc, etc... One of the great features of DYNACALC is its ability to produce on-line graphs of your data. This graphing feature allows you to produce different custom graphs for disk storage or hardcopy. Since DYNACALC was designed around the function calls of a VisiCalc or Lotus, learning is real easy if you currently are using any of the non-CoCo spreadsheets at you place of business. Because DYNACALC used areas of memory with the CoCo 1 & 2 that Tandy did not support, it will not work on the CoCo 3. For that

Tandy came out with an OS-9 version of DYNACALC that is top notch! Despite some of the missing features.

There you have it... A nut shell review of the CoCo 1 & 2 April meeting. In future meetings, we will be doing more presentations just for these systems so stay tuned to your CoCo-1 2 3 Newsletter.



G.A.S.  
GLENDSIDE ADOPTION SERVICE  
By Ed Hathaway

It has been a little while since we last talked about G.A.S. and by no means does that mean that we have dropped this project. Quite the opposite! Each and every month since we kicked off the program, I receive phone calls from you about your latest adopted Radio Shack store. This news is always welcomed and your request for Club flyers or newsletters are a joy to receive. To date Glenside has adopted some 10 stores. These are 10 stores that now know about Glenside and the tremendous CoCo support we can provide. We have received new members from this association and in the end have made friends with the store people. You are all doing a super job with G.A.S. so keep it up!

With the coming of the Chicago RAINBOWfest, Tandy (i.e. Radio Shack) will have a very large booth. This will be the perfect time to introduce yourselves to the folk and to let them know about Glenside and our G.A.S. program. Since Tandy is one of the discount leaders at RAINBOWfest, you will no doubt spend a few moments hovering over their tables. Hovering offers an excellent opportunity to pass along the Glenside word. We should have all new Club flyers to hand out during RAINBOWfest, so make sure you leave some behind.

Also, G.A.S. is not just for the Radio Shack store or their booth. Be sure to pass along good Glenside tidings to the other vendors attending the 1988 Chicago RAINBOWfest. They are just as much apart (if not more) of the G.A.S. project as Radio Shack...

If you have any questions about G.A.S. or need more Club flyers or newsletters, give me a call at 462-0694

## WHAT A DIFFERENCE 52 YEARS MAKES!

1936 - 1988 (before computers)

By David Barnes

This month's article will have a little different feel to it than normal. I ran across a leaflet that I thought was amusing, so here goes...

If you were born in 1936, you were before the PILL and the population explosion. You were before TV, penicillin, polio shots, antibiotics and Frisbees, before frozen food, Nylon, Dacron, Xerox, Kinsey. You were before radar, fluorescent lights, credit cards, and ballpoint pens. For you timesharing meant togetherness, not computers; a chip meant a piece of wood, hardware meant hardware, and software wasn't even a word. In your time, closets were for clothes, not for coming out of, and being gay meant you were happy and carefree. In those days bunnies were small rabbits and rabbits were not Volkswagens.

You were before Batman, Rudolph the Rednosed Reindeer and Snoopy. Before DDT and vitamin pills, vodka (in the United States) and the white wine craze, disposable diapers, Jeeps and the Jefferson nickel. Before Scotch tape, the Grand Coulee Dam, M & M's, the automatic transmission, and Lincoln Continentals.

When you were in school, pizzas, Cheerios, frozen orange juice, instant coffee and Mc Donalds were unheard of. You though fast food was what you ate during Lent.

You were before FM radio, tape recorders, electric typewriters, word processors, electronic music, digital clocks and disco dancing.

Almost no one flew across the country and Trans-Atlantic flight belonged to Lindbergh and Amelia Earhart. You were before Israel and the United Nations, before India, Pakistan, Indonesia, Iceland and the Philippines were independent countries.

You were before pantyhose and drip-dry clothes, before ice makers and electric blankets. Before Hawaii and Alaska became states, before men wore long hair and earrings and women wore tuxedos.

You were before Leonard Bernstein, yogurt, Ann Landers, plastics, hair dryers, the 40 hour work week, the minimum wage. You got married first and then lived together. How quaint can you be?

In your day cigarette smoking was fashionable, grass was mowed, Coke was something you drank and pot was something you cooked in.

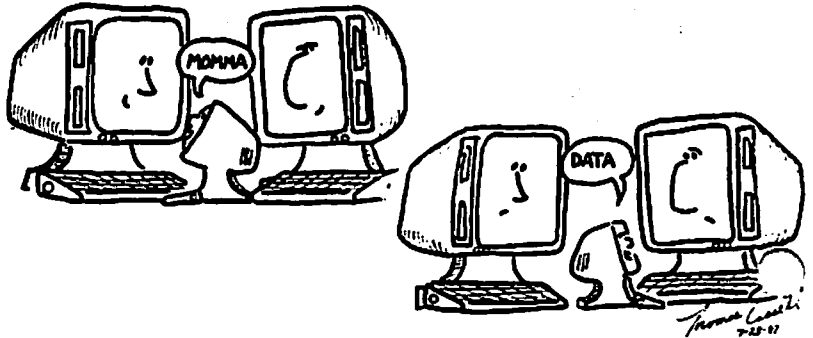
You were before coin vending machines, jet planes, helicopters and interstate highways. In 1936 "made in Japan" meant junk, and the term "making out" referred to how you did on an exam.

In your time there were 5 and 10 cent stores where you could buy things for five and ten cents. For just one nickel you could ride the subway or make a phone call, or buy a Coke or buy enough stamps to mail one letter and two postcards.

You could buy a Chevy coupe for \$659.00. but who could afford it? Nobody! A pity too, because gasoline was eleven cents a gallon. If anyone had asked you to explain CIA, NATO, UFO, NFL, JFK, or ERA, you would have said alphabet soup. You were not before the difference between the sexes was discovered, but you were before sex changes....

and so it was in 1936.

Editors note: You might be too young to appreciate this! Original author is unknown.



-----> SAMSUNG 12" MONITORS <-----  
HIGH RESOLUTION 80 COLUMN  
GREEN OR AMBER SCREEN WITH  
COMPOSITE INPUT. ONLY, \$50.00  
MONOCHROME OR COLOR  
DRIVERS FOR \$5.00  
FREE WITH PURCHASE OF MONITOR  
CALL ----> SOFCO <---- AT  
312-983-4604 or 312-983-6100  
-----><-----

\* Radio Shack 13" Composite Color Monitor  
for \$99. Call Steve Stroud at 695-3186.

\*\*\*\*\*SKYHAWK ENTERPRIZES\*\*\*\*\*

CUSTOM E-PROM BURNING  
SUBMIT YOUR BINARY FILE  
(READABLE BY TRS-80 COCO, TAPE OR DISK)  
SPECIFY E-PROM TYPE  
(2716, 2732, 2764, 27128, 27256, 68766)  
CALL TONY PODRAZA AT (312) 428-3576  
FOR CURRENT CHIP PRICES  
IF YOU HAVE YOUR OWN CHIP, WE WILL  
ERASE, BURN, AND VERIFY FOR ONLY \$5.00

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....there are no questions!

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rule and I believe we have our house in the proper order to state so. BUT your actions just might have to change the way we conduct ourselves either as club officers or members at large. Your selfish need for recognition just might force Glenside to tighten the reigns on our membership policy, club activities, available club discounts on product and/or curtail our meeting presentations.

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TO STEAL OR NOT TO STEAL, the choice was yours and yours alone to make. Our choice will be swift and direct and once we begin, I would hope that you have learned the fine art of hiding! Believe me, we have no room for prisoners....

**Ed Hathaway, President**

Glenside Color Computer Club of Illinois

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**GLENSIDE COLOR COMPUTER CLUB of ILLINOIS**

Editor: Ed Hathaway

**Contributing Writers:**

**Tony Podraza**

David Barnes

Graphics & Designs: Second City Software  
Staff Artist Thomas Cassell (c)

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by: Ed Hathaway

\* A lily white, hair-less encounter between customer and computer representative agree on a computer system. We're not sure if the sale was successful because of the 'free

These bit bucket retorts could go on and on. The next time you see an ad on TV for computers just remember, they are just trying to sell your wallet (not your mind) something. Closing out this article I am reminded of a TV ad that the Fruit Computer Company ran (only once) during a few superbowl's ago. Maybe you remember seeing a parade of Blue Suited MBAs' marching up the mountain together. Each one following the other and one by one falling off the cliff. This was by far the most innovated and effective commercial that ANY computer company has EVER used. This one ad almost convinced me to enter into the Garden of Eden and bite into the forbidden fruit...

[illegible]

RON, ISN'T IT TIME TO GET A NEW PRINTER?

\*\*\*\* GLENSIDE HARDWARE SALE \*\*\*\*

\* 1 RS-300 Baud Modem II \*  
 \* Auto Answer/Dial....\$30.00 \*  
 \* 1 Pbj Word-Pak I.....\$25.00 \*

\*\*\*\* GLENSIDE SOFTWARE SALE \*\*\*\*

\* MUSICA RAM DISK (CC3 ONLY) \*  
 \* Speech Systems.....\$5.00 \*  
 \* CoCo 3 MEMORY TEST Speech \*  
 \* Systems.....\$5.00 \*  
 \* CoCo 3 RAM DISK (512K) \*  
 \* Speech Systems.....\$5.00 \*  
 \* HARDCOPY (for either DMP-200 \*  
 \* 105, Gemono 10X or SG-10) \*  
 \* Computize.....\$10.00 \*  
 \* TERMTALK: Del Software.\$5.00 \*  
 \* REAL ESTATE INVESTMENT \*  
 \* Petrocci Freelance....\$10.00 \*  
 \* ORDER ENTRY SYSTEM: Mark \*  
 \* Data.....\$25.00 \*  
 \* CHECK LEDGER SYSTEM \*  
 \* Computerware.....\$15.00 \*  
 \* DISK COLORCOM/E: Eigen \*  
 \* Systems.....\$10.00 \*  
 \* DATAPACK II: Cer-Comp.\$25.00 \*  
 \* DATAPACK II: Cer-Comp.\$25.00 \*  
 \* THE LAST WORD (OS-9)..\$20.00 \*  
 \* DATABANK MANAGER \*  
 \* Computerware.....\$10.00 \*  
 \* OTERM: New World \*  
 \* Technologies, Inc.....\$15.00 \*  
 \* FLEX Operating System \*  
 \* Frank Hogg.....\$30.00 \*  
 \* XDMS DATA MANAGEMENT SYSTEM \*  
 \* (must use FLEX Operating \*  
 \* System): Bill Adams...\$30.00 \*  
 \* GRAPHICOM PART II \*  
 \* Computize.....\$10.00 \*  
 \* DISK COLORCOM/E V2: Eigen \*  
 \* Systems.....\$10.00 \*  
 \* COLORCOM/E ROM CARTAGE V3 \*  
 \* Eigen Systems.....\$5.00 \*  
 \* ELITE\*FILE.....\$25.00 \*  
 \* ELITE\*WORD (PBJ Ver)..\$25.00 \*  
 \* ELITE\*COMM (PBJ Ver)..\$10.00 \*  
 \* ELITE\*CALC (CoCo1&2)...\$5.00 \*  
 \* ELITE\*WORD (OS-9 L1)..\$25.00 \*  
 \* VIDTEX w/PERSONAL COLOR \*  
 \* RADAR: CompuServe.....\$2.00 \*  
 \* FORMAKER 1.0: Challenger \*  
 \* Software.....\$10.00 \*  
 \* XTERM: Microtech.....\$20.00 \*  
 \* TRSCOPY (OS-9 L1)....\$10.00 \*  
 \* T/S WORD (OS-9 L1)....\$15.00 \*  
 \*\*\*\*\*  
 \* Contact, Ed Hathaway for all \*  
 \* above sale items at 462-0694 \*  
 \* 'ALL' items are original and \*  
 \* the asking prices are firm! \*

\*\*\*\*\*

ONE TANDY CENTER

By Ed Hathaway

This past month, Tandy introduced the latest in CD (Compact Disk) technology. Coming soon to a Radio Shack near you will be a CD machine that not only plays but records as well. According to the news reports, the CD player/recorder will allow you to play, record and errace (for use again) the CD disk. Where the news report centered on the music industry, this new CD unit will no doubt be adopted for computer use, SOON!

This new technology will open up quite a few new avenues regarding computer media storage. I've been told that one CD disk can hold an entire encyclopedia with ample room for up-dates. CD disks are currently being interfaced with computers on a 'read only' basis. This new CD introduction coupled with the computer will throw hard drives into the stone age! I've been told that one CD disk can hold up to 60 GIGA BITES of data storage! Since a GIGA equates to 'one billion', well you do the math... The true wonder of using a CD machine with a computer is two fold; 1) It is very small and portable. 2) CD disks are removeable. Unlike a hard drive, once you have loaded up a CD disk, just take it out and replace it with a new CD disk. What we are talking about here is having a pseudo floppy disk capable of storing '60 BILLION BITES OF DATA'... We have been reporting all along that a player/recorder CD would be out. We did not know that Tandy would be the front runner with this new technology.

Since this new CD player/recorder is designed to allow you to record music (I'm sure via a standard RCA audio jack), modifying it to except computer data would be simple. Us CoCo folk might have a leg up on the so called 'other computer systems' because we already have a cassette I/O port, serial I/O port and a disk I/O port built in... So chances are good that little or no hardware modifications would be needed to interface this new CD machine with the CoCo.

There is a monthly magazine out there called CD ROM that is exclusively for the CD machines and their applications. They have been reporting on this read/record machine for some time and providing a lot of answers. If a CD player/recorder is in your future buying plans, I would suggest getting your hands on a copy of this magazine. Chances are good that this new machine will retail around the \$800 range to start. I'm sure more news will be forthcoming...



**Illinois  
Color  
Computer  
Association**

**WELCOME  
TO THE 1988  
CHICAGO  
RAINBOWfest**

**ICCA, YOUR ILLINOIS CONNECTION FOR  
TANDY'S COLOR COMPUTER**

### **GLENSIDE COLOR COMPUTER CLUB**

RAINBOWFEST HOST CLUB  
SERVING CHICAGO AND THE WESTERN SUBURBS  
CONTACT: Ed Hathaway 312-462-0694

### **COOK COUNTY COLOR COMPUTER CLUB**

SERVING CHICAGO AND THE SOUTHERN SUBURBS  
CONTACT: Tony Nowakowski 312-895-0393

### **ILLINOIS COLOR COMPUTER CLUB OF ELGIN**

SERVING THE NORTHWEST SUBURBS OF CHICAGO  
CONTACT: Tony Podraza 312-428-3576

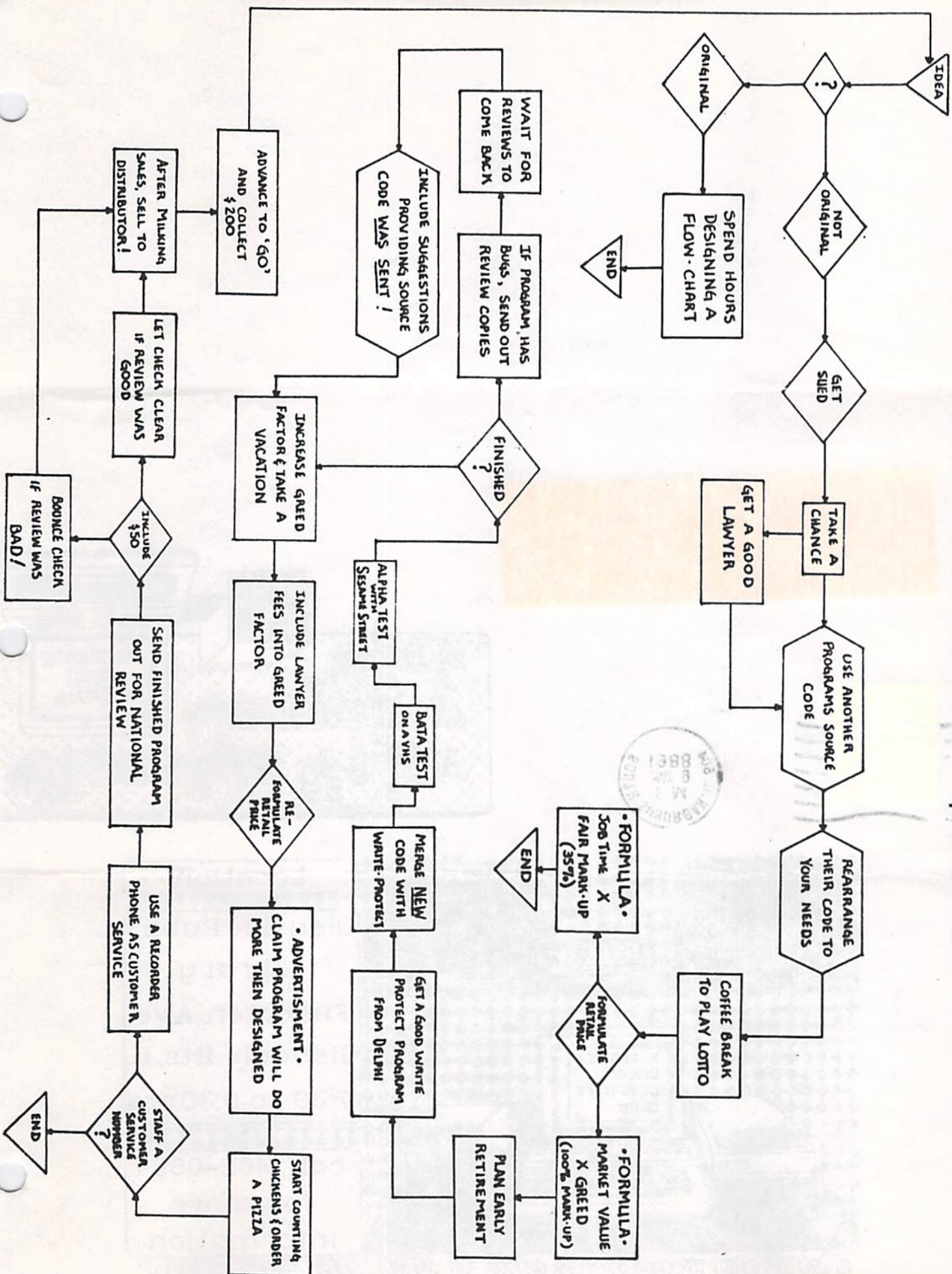
CONTINUED SERVICE AFTER THE SALE, ICCA

## **PROGRAM SCHEDULE**

Time	Event	Speaker	Location
<b>Friday, May 20</b>			
7 p.m.- 10 p.m.	Exhibits Open (No Seminars)		
<b>Saturday, May 21</b>			
8 a.m.	CoCo Community Breakfast	Dan Bruns Keynote Speaker	Atcher/Kessel/ Aigner Rooms
10 a.m.	Exhibits Open		
11 a.m.	Organizing a CoCo Club	Ed Hathaway David Barnes	Kessel
11 a.m.	OS-9 for Absolute Beginners	Cray Augsburg	Sarah's Grove
11:30 a.m.	Beginner's Overview of OS-9	Dale Puckett	Aigner
12:30 p.m.	Elements of Programming Games	Dale Lear	Sarah's Grove
1 p.m.	Drive Installation, Operation and Maintenance	Tom DiMarco, Sr.	Kessel
1:30 p.m.	Creative Uses for CoCo Max	Logan Ward	Aigner
2 p.m.	Introduction to RAINBOW's CoCo SIG on Delphi	Don Hutchison	Sarah's Grove
2:30 p.m.	Monitor Interfacing	Ross Litton	Kessel
3 p.m.	CoCo Consultations	Marty Goodman	Aigner
3:30 p.m.	Music and MIDI	Richard Parry Cecil Houk	Sarah's Grove
4 p.m.	Integrating CoCo 3 Into Organizational Work	Buddy Hogan	Kessel
6 p.m.	Exhibits Close		
<b>Sunday, May 22</b>			
11 a.m.	Exhibits Open		
11 a.m.	Writing Commercial Software	Rick Adams	Kessel
11:30 a.m.	CoCo Consultations	Marty Goodman	Aigner
12:30 p.m.	OS-9 for Absolute Beginners	Cray Augsburg	Kessel
12:30 p.m.	Originality in Game Programming	Dale Lear	Sarah's Grove
1 p.m.	Beginner's Overview of BASIC09	Dale Puckett	Aigner
2 p.m.	Writing for Publication	Jutta Kapfhammer	Kessel
2 p.m.	Writing in BASIC	Bill Bernico	Sarah's Grove
2:30 p.m.	Spreadsheets for the CoCo	Dick White	Aigner
4 p.m.	Exhibit Hall Closes		



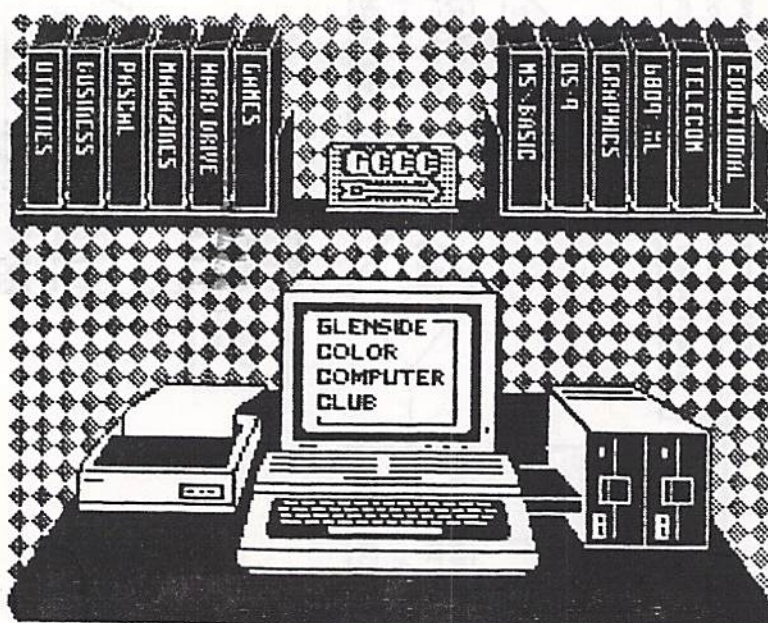
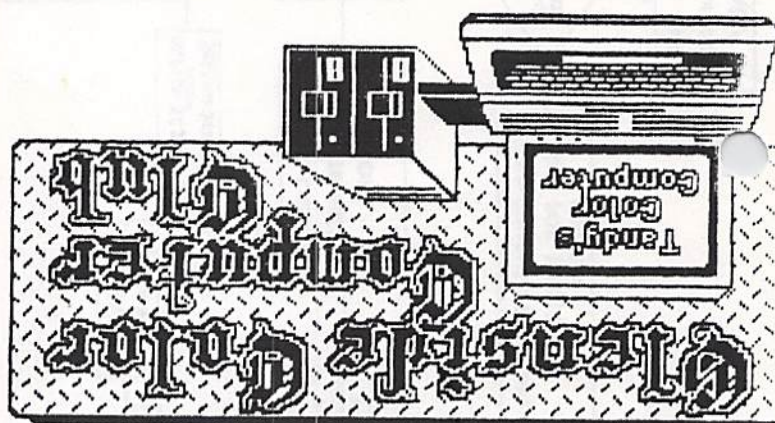
LATE NIGHT WITH A CoCo, LOW CHART By: Ed HATHAWAY







John (Tony) Podraza  
119 Adobe Circle  
Carpentersville IL 60110



#### Location

Glenside Public  
Library  
Fullerton Ave.  
Glendale Hts, IL  
7:30 to 9:30pm

call: 462-0694  
for more  
information

Monthly meetings every **SECOND THURSDAY**