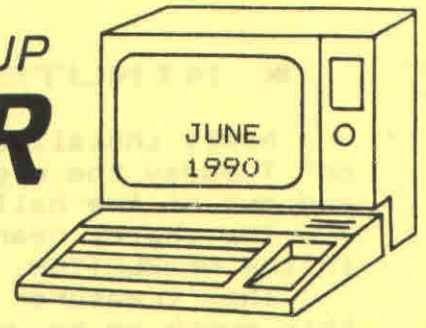


CEDAR VALLEY 99'ER USER GROUP

# NEWSLETTER



CEDAR RAPIDS/MARION, IOWA

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## OFFICERS

**PRESIDENT:**

Gary Bishop  
3270 28th Ave.  
Marion, Iowa 52302  
(319) 377-9574

**VICE PRESIDENT:**

John Johnson  
398 Forest Dr. SE  
Cedar Rapids, Iowa 52403  
(319) 366-4541

**SECRETARY:**

Bill Paeth  
923 Owen St. NW  
Cedar Rapids, Iowa 52405  
(319) 396-6470

**TREASURER:**

Bruce Winter  
702 Fernwood Dr. NE  
Cedar Rapids, IA 52402  
(319) 393-0610

## COMMITTEES

**PROGRAM:**

Ed Edwards  
102 N. Davis St.  
Anamosa, Iowa 52205  
462-2329

**PUBLICITY:**

Paul Mortensen  
301 Pebble Lane  
Hiawatha, Iowa 52233  
393-6022

**EDUCATION**

Jerry Canady  
6616 Kent Dr. NE  
Cedar Rapids, Iowa 52402  
377-9382

**EDITOR:**

Jim Green  
377 Cambridge Dr. NE  
Cedar Rapids, Iowa 52402  
377-4073 (Home) or  
395-1898 (Office)

### \*\*\*\*NEWSLETTER TOPICS\*\*\*\*

1. Future Meeting Dates
2. Next Meeting Notes
3. Minutes from the May Meeting
4. Oakland Computer Club
5. President's Note
6. For Sale/Wanted
7. A New DIRectory Program (L.A.)

### \*\*\*\*FUTURE MEETING DATES\*\*\*\*

Please mark the following dates on your calendar for future meetings:  
JUNE 12, JULY 10, AUGUST 14, SEP. 12

*conf* ↑ *conf.*

### \*\*\*\*\*NEXT MEETING\*\*\*\*\*

The regular monthly meeting will be TUESDAY, JUNE 12, at West Music, Cedar Rapids, with open discussion starting at 6:30 PM. Gary will give a (timely) demonstration on making Father's Day cards using Jiffy-card. He also will show us how to make a large banner for special occasions!

377-9100  
KIRK

**\* MINUTES FROM THE MAY MEETING \***

Newly installed president Gary Bishop called the May meeting to order on Tuesday the eighth. We were very glad to be back in our meeting room and out of the hallway we have had to use for the past several months.

The chair, hearing no complaints about the March minutes as printed in the NEWSLETTER, declared them accepted.

The treasurer then announced that the bank statement had not arrived this month so he would not have a formal report. The treasury was reported to be still in the black. Paul presented a bill for postage for the NEWSLETTER which was promptly paid.

OLD BUSINESS: 1. Gary announced that the UG had received a donation of a cassette interface cable from Bill Gonda. 2. DOS is still being worked on. 3. Gary is still watching SURPLUS for useable equipment. He reported that two Spin Writer printers should be available soon. These are letter quality printers and will run about \$125.

NEW BUSINESS: 1. John reported he has been using the DARKSIDE BBS at 396-7991 lately. The sysop has set up a TI section for our use. Use it or we will lose it! It is reported to be run off of an Atari. 2. Gary received a letter CORRESPONDENCE: Sr. Pat reported that her hands are getting better. She sent some "things" to see. Ed used them as his demo this month. 2. Gary received a note from Bill Gonda. His TI equipment is for sale. Some of his stuff has been donated. Thanks, Bill!

DISCUSSION: 1. Gary has received a new DISK OPERATING SYSTEM for his Horizon Ram Disk System. Although it only came in the mail yesterday, he showed it off as a demo. This sparked a general discussion on Ram Disks.

The meeting was adjourned.

The first demo was by Gary on his DOS. The second was by Ed and included several items from Sr. Pat. They included a calender printed on a full page of paper using PAGE PRO, SIGNMAKER, T.I.P.S., TI ARTIST PLUS, ARTIST PRINT SHOP, ETC.

Submitted by Bill Paeth, Secretary

396-7911

**\* BBS AT OAKLAND U.G. \***

The latest news from the Oakland Computer Club, which we have unofficially adopted for assistance, is that they have a bulletin board established! It is being run from Mrs. Spooner's home, and is thought to be the only TI BBS in the state of Maine. Those of you with modems should call 207-465-9065, and give Mrs. Spooner and her kids greetings from the Hawkeye State!

The Oakland Group is now up to 40 members, from the elementary grades through junior high. Sounds like a very active group!

1000647 DARKSIDE

0071

**\* PRESIDENT'S NOTE \***

I want to commend my opponent on his honorable and clean campaign practices during the last election for President of the club. It is so nice to conduct a race without mud slinging, back stabbing, and the other unpleasantnesses sometimes associated with a political race. I would like to thank all of those that voted for me. I would also like to point out that those that voted for my opponent did not vote in vain, because he was unanimously elected to the position of Vice President, a worthy position. I was greatly encouraged that the election was a real horse race, rather than encountering only one candidate for each position. The club deserves no less.

<Most of the above with a grin>

Gary Bishop

I want to try to put together an informal group to further the use of the TI in Ham Radio use. I know of several members that are hams. We are in a unique position here near Cedar Rapids, due to the unusually large numbers of ham radio operators. I will talk a little more about this at the next meeting.

On a related subject, the Cedar Valley Hamfest will be held again in early August. We need to decide if we will staff a table there or not. I will be there again, same as last year, with a table full of stuff of my own to try to sell. Give it some thought as to whether or not you feel we should have a table. The Ham club is very generous to the local computer clubs, in that they will allow computer clubs to use the tables for free, when they are normally \$10 to \$20 apiece. --Gary Bishop

**\* FOR SALE/WANTED \***

I have been entrusted with quite a bit of software and accessories to sell for other people. The following list is not complete, but gives a good indication of the type of materials available:

From Bill Gonda, I have game cartridges: Blackjack and Poker, Attack; disks: Mission Impossible, Adventureland, Lost treasures of Aztec, Airline. Utilities are: Laws of arithmetic cartridge, Personal Record Keeping, TI Logo II, (2) Household Budget Management, Yu-Can Business Management, Auto Maintenance, Screen Dump, TI Checkbook Manager, Name-it, Norton Graph Package, Home Financial Decisions, Tax/Investment Record Keeping, Personal Report Generator, Home Inventory, Quick Dialer, Copy-Cat, Miniwriter, TE2, Fast-Term, TI Investment, Weight Control and Nutrition, Disk Manager 2 (no booklet), Wortex, Archiva II, Sketch Mate Software, M-Transfer, Typewriter, Checkbook and Budget Management, Super Mail. Other misc includes: Users Guide for TI, Disk Drive manual, 32K Pbox memory expansion manual, console dust cover, Wico two stick joytick adapter, 6 ft. RS232 extension cable, Schedule Manager, Sams games for TI book and cassette, ON-TAPE cassette from 99'er magazine Vol 5 No 3.

From Sister Pat, I have: Screen Scroll Package disk, Tunnels of Doom, Teach Yourself BASIC and XBASIC, EZ-Keys, Securities Analysis, 99'er on Tape, Load interrupt switch, Quick Cataloger, DM IV disk, Touch typing tutor, a single sided disk drive.

I have for sale: 101 Programming tips for the TI book, Sams TI-99/4 Calc Book, Telephony book, Introduction to Assembly Language by Molesworth, many issues of 99'er/HCIJ magazine, games Ring Destroyer, Thier, Chicken, Shootit, all on cassette.

Most of these items were on display at the last meeting, so I will not drag them out again. However, I will bring them in my car, in case you want to purchase these items. Prices on all of the above are negotiable, and reasonable offers are solicited.

-- Gary Bishop, 377-9574

Bill Gonda also has two consoles he wishes to dispose of. He graciously consented to donating one to the Oakland Users group in Maine for use in their project, and wants to sell the other one. He is asking \$20, but I have been appointed his proxy in such matters, so you can haggle prices with me if you want a spare console. -- Gary Bishop, 377-9574

A NEW DIReCTory PROGRAM  
By Earl Raguse

My demonstration of this program elicited such response, that I am going to write about it, so you may learn how to use it. What's wrong with the existing ones?

Well, for ONE, the autoloader programs (including BOOT) can only put on the screen what you have named the program on disk, which is limited to ten characters and usually not adequate to describe what most programs do.

For TWO, the loader must, of course, read the catalog on the disk before it can present it to you, and that takes time, even in assembly language.

For THREE, I find these loaders annoying when they require me to hit ENTER after I enter my selection. I hate doing useless work that the computer might just as well do for me.

What then, is the answer. I say catalog the disk if you don't know whats on it. Print it out! Type it into the following DIReCTory program, and forget it. You are now free to make your directory (menu) say anything you want to, (within reasonable limits, of course), to properly identify the programs.

DIReCTory responds immediately when you hit any selection key. If its a non-allowed key, you are instructed and/or chided and allowed to try again. You may use UPPER or lower case, as suggested by Steve Mehr, ENTER not required.

DIR works in combination with LOAD to restore the computer to power up conditons. DIR is called from LOAD. That is what you should do.

I find that programs written by others do not always clean up the garbage and restore the computer to power up conditions. They leave the sprites running, the character sets redefined, the screen and character colors wrong and whatnot, so that when you try to run another program without returning to the title screen, you get some very surprising results.

To use DIReCTory on your disk, you must copy both LOAD and DIR to your disk. Then you must replace the titles in lines 180-340 of DIR with intelligent names for the programs on your disk. Then you must put the actual file names on Lines 440-600 in the same order as the titles above. It is advisable to modify the programs on your disk to replace END, (or whatever stops the program) to say

RUN "DSK1.DIR"

so that on completion, you are returned to the DIReCTory for another selection. Later on I will discuss PLAY ALL, which permits you to run all programs in succesion sans human assistance. I have just one requirement, no CALL INIT is allowed, else you will get an error message on return to DIR.

If you have enough stuff on your disk to warrant more than one page of menus, I have another program with multiple pages, just ask me.

Notice that on line 100, I place the file saving statement as a comment, so if I forget the filename after I have modified a file, and I frequently do, when I am working with somebody else's program. All one needs to do is enter:

100 FCTN X ENTER FCTN 8  
SPACE 4 times, then ENTER

and the file gets saved; no brains, little effort. It may take a little practise, but soon your fingers will remember it automatically. Try it you'll like it!

Now as to LOAD, whose function is to automatically load DIR. LOAD contains a little machine language routine, written in CALL LOADs, which Adrian Robinson wrote for me, to save all the character patterns, including up to 143, so that whenever you need to restore them, you can do it almost instantly, provided you have not done a CALL INIT, just

```
CALL LINK("CHRSET")
```

The TI furnished CALL CHARSET restores only the uppercase characters. See how DIR executes CALL LINK("CHRSET") along with CALL CLEAR, CALL DELSPRITE(ALL), CALL COLOR, CALL SCREEN etc. on line 120 and 130 to restore the computer. There is also the line 150 CALL LOAD(12000,0,0), in LOAD. This just resets a flag and value both of which are used by DIR. The memory location 12000 (>2EE0 in low memory) is not reset by RUN. This permits us to carry a flag Q and the value K from one program to the next. Note lines:

```
140 CALL PEEK(12000,Q,K) ::
    IF Q<>0 THEN 150 ELSE 160
150 K=K+1 ::CALL LOAD(12000,Q,
    :: GOTO 430
```

What this does is to PEEK at the value we set for Q in line 150 of LOAD. Then if Q is not zero, as we set it, we execute this 150 to increment K and store it at 12000 along with Q. The line GOTO 430 bypasses the menu and thus goes directly to the line, 430 ON GOTO statement to select a program to load and run.

When we select PLAY ALL, the program goes to line

```
550 K=65::CALL LOAD(12000,1,K)
    :: GOTO 430
```

Line 430 ON K-64 GOTO then directs control to the proper line (440-610) which in turn runs the appropriate program. When the program returns to DIR, line 140, Q is not then zero, so we skip to line 430 with a new value of K. One needs to insert GOTO 640 after the last item on the menu, if it not full, and this menu is not. When the last song is played, control goes to that line, which calls line 640 to reset Q and K so that Q=0 in line 140, and thus DIR runs normally.

If you don't want to type this in, see me at a meeting, I will make a copy of this and a couple of disks that use these programs. If you have doubts or difficulties feel free to call me,

Earl Raguse at 714/847-5875.

```
100 ! SAVE DSK1.LOAD
110 DISPLAY AT(12,1)ERASE ALL:
"DIRECTORY LOADING, PATIENCE"
120 CALL INIT :: CALL LOAD(9460,2,0,4,0,2,1,37,28,2,2,3,128,4,32,32,44,4,96,0,112)
130 CALL LOAD(9480,2,0,4,0,2,1,37,28,2,2,3,128,4,32,32,36,4,96,0,112)
140 CALL LOAD(16368,67,72,82,83,65,86,36,244,67,72,82,83,69,84,37,8):: CALL LOAD(8196,63,240)
150 CALL LOAD(12000,0,0)
160 CALL LINK("CHRSV"): save all char up to 143
170 !CALL LINK("CHRSET") ! Do not do this here, see docs
180 RUN "DSK1.DIR"
```

```

100 ! SAVE DSK1.DIR
110 ! WITH PLAY ALL by
      Earl Raguse 4/28/90
120 CALL DELSPRITE(ALL):: CALL LINK("CHRSET")
130 CALL CLEAR :: CALL SCREEN(5):: FOR I=1 TO 14 :: CALL COLOR(I,16,1):: NEXT I
140 CALL PEEK(12000,Q,K):: IF Q<>0 THEN 150 ELSE 160
150 K=K+1 :: CALL LOAD(12000,Q,K):: GOTO 430
160 DISPLAY AT(1,2):"E Raguse's MISC XB PROGAMS" ! 3/2/90
170 DISPLAY AT(3,6):"MAKE SELECTION"
180 DISPLAY AT(5,5):"A. BEER BARREL POLKA"
190 DISPLAY AT(6,5):"B. STAR WARS THEME"
200 DISPLAY AT(7,5):"C. TI O DYSSEY"
210 DISPLAY AT(8,5):"D. GALVESTON"
220 DISPLAY AT(9,5):"E. HILL STREET BLUES"
230 DISPLAY AT(10,5):"F. IN THE MILL"
240 DISPLAY AT(11,5):"G. PENNY LANE"
250 DISPLAY AT(12,5):"H. STAIRWAY TO HEAVEN"
260 DISPLAY AT(13,5):"I. GREATEST SUN GLASSES"
270 DISPLAY AT(14,5):"J. YESTERDAY"
280 DISPLAY AT(15,5):"K. FERNANDO"
290 DISPLAY AT(16,5):"L. available line"
300 DISPLAY AT(17,5):"M. available line"
310 DISPLAY AT(18,5):"N. available line"
320 DISPLAY AT(19,5):"O. ON THIS DISK"
330 DISPLAY AT(20,5):"P. PLAY ALL"

```

```

340 DISPLAY AT(21,5):"Q. QUIT"
350 A$="Alpha Lock may be UP or DOWN"
360 R$=" Restrict selections to A-Q"
370 DISPLAY AT(24,1):A$
380 CALL KEY(3,K,S):: IF S<1 THEN 390 :: K=K AND 95 :: IF (K<65 OR K>82)THEN 400 ELSE 420
390 DISPLAY AT(24,1):R$ :: GOTO 400
400 GOSUB 620 :: GOTO 390
410 DISPLAY AT(24,1):"
"
420 DISPLAY AT(24,8):"YOU SELECTED ";CHR$(K)
430 ON K-64 GOTO 440,450,460,470,480,490,500,510,520,530,540,550,560,570,580,590,600
440 RUN "DSK1.BBPOLKA"
450 RUN "DSK1.STARWARS"
460 RUN "DSK1.2099"
470 RUN "DSK1.GALVESTON"
480 RUN "DSK1.HILLSTREET"
490 RUN "DSK1.IN-MILL"
500 RUN "DSK1.PENNYLANE"
510 RUN "DSK1.STAIRWAY"
520 RUN "DSK1.SUNGLASSES"
530 RUN "DSK1.YESTERDAY"
540 RUN "DSK1.FERNANDO"
550 GOTO 640 :: "DSK1.DIR"
560 RUN "DSK1.DIR"
570 RUN "DSK1.DIR"
580 RUN "DSK1.ONDISK"
590 GOTO 650
600 GOTO 660
610 END
620 CALL SOUND(100,250,4,250,30,250,30,-4,0)
630 RETURN
640 CALL LOAD(12000,0,1):: GOTO 160
650 K=65 :: CALL LOAD(12000,1,K):: GOTO 430
660 DISPLAY AT(24,1):"YOU ELECTED TO QUIT, SORRY"

```

**NEXT MEETING**

**TUESDAY, JUNE 12**

**6:30 PM --- WEST MUSIC COMPANY**

**HOW TO MAKE FATHER'S DAY**

**CARDS USING JIFFY-CARD!**

**ALSO, MAKING BANNERS!**

Cedar Valley 99'er Users Group  
377 Cambridge Dr. NE  
Cedar Rapids, Iowa 52402

Send To:

GARY BISHOP  
124-222  
3270 28TH AVE  
MARION IA 52302