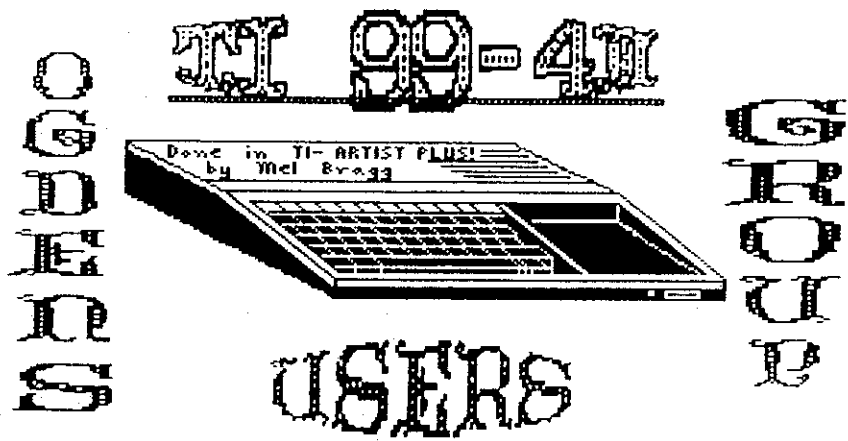




By ?
Guth
Carter

A publication of the TI 99/4 and 9640
Ogden users group Inc.



THE CLUB THAT REFUSES TO SAY GOODBYE



OK!
GROUP
THIS IS ST.
PATRICKS DAY.

IF YOUR NOT
WEARING GREEN
YOU BETTER WATCH
OUT!

St. Patrick's March 1990

OGDEN USER GROUP'S
FINANCIAL PREDICAMENT

By Harold Bingham

At the end of 1988 our financial report stated that we had a grand sum of \$21.73. It costs more than that to copy the newsletter each month. What are we going to do about it? Our membership dues are less than half of what other user groups average. Most of our members do not object in raising our dues. The more that you put into any organization, the more are your returns.

Finances were the subject of our January meeting. Most of the members went along with an increase in dues. I see no other alternative. Other user groups charge more for membership and have more to offer to it's members. Rumor has it that the U.S. postage will increase to 32 cents soon, and it will not be the last increase!

Dave DeHeer offered to help bail us out of our printing cost by printing the newsletter at work. If it wasn't for him, we would not have been able to run the last newsletter. Dave has also offered a disk drive to our group. We thank Dave for this.

While we are offering thanks, I wish to thank Mel Brogg for his efforts in editing the newsletter. He does a bang up job, with interesting graphics. We want to thank Mel also for demonstrating the software "MISSING LINK". in the post, Mel has brought his computer to the meetings. This is a lot of extra work for him. If we had the hardware needed for our computer, this wouldn't be necessary. There are

several hardware items that would benefit in our users group, they are:

1. PE Box
2. A color monitor.
3. a better printer

I have mentioned one way to bring up our finances. There are other ways too. Another way is by the sale of "Disk of the Month". And still another is by selecting disks from the disk library. In case you are not familiar with the procedure here it is:

1. Ask me to let you see the hard copy of the disk library, or for a copy on disk. Pick up a disk request form from me. (Note the catalog data files can be read with Marty Kroll's CAT/LIB, available from the library).

2. Select the disk(s) you want and list them on the disk request form.

3. Pay Richard Scott, our secretary, \$2.00 for each disk and give him a blank disk for your copy. If you don't have a blank disk, it will cost an extra \$1.00.

4. I will copy the disks at home and bring to the next meeting, where you can pick them up. (reserving our meeting time with more productive matters).

That's all there is to it. While we are on the subject of the disk library. If you have a program that you would like to share with the rest of us, make a copy on disk and give it to me and I will add it to our disk library, and the catalog file.

Earlier I mentioned that

the more we put into an organization, the more we get out of it. We need your help with newsletter articles. Type them up in FWB and save them on disk and give them to Mel Brogg no later than the third Tuesday of each month.

We need your help with programs. We can all have a turn on program demos. See John Edwards for scheduling.

Dave Mischler will give workshops on Multi Plan. There have been requests for workshops on TI Writer or Funnelweb. I am sure we can all add some input to these sessions.

LIMA T.I. MULTI USER GROUP CONFERENCE will be held at the Ohio State University Lima Campus Saturday May 26, 1989.

TI BASIC FOR BEGINNERS
by Harold Hilburn

THE IMMEDIATE MODE
CONTINUED

There are many CALL statements in BASIC language. Remember CLEAR to clear the screen? Other CALLS are SCREEN, to set screen color; CALL KEY, to allow keyboard inputs; CALL COLOR, to color information on the screen; CALL CHAR, to call a specific character; CALL VCHAR AND HCHAR, vertical and horizontal characters; and CALL SOUND, to produce tones, music and other sounds.

The next we'll learn is the CALL SOUND:

We can produce up to three tones plus one noise between 110 and 44000 Hertz (cycles). Three elements

are needed for a CALL SOUND statement. The duration in milliseconds, the frequency in hertz, and the loudness.

Type in CALL SOUND(1000,440,2) and course ENTER

OK, the 1000 is one second (1000 milliseconds), the tone 440 cycles is A above middle C. The two for loudness is on a scale of 1 to 30 with the 2 being quite loud and the higher numbers softer. The parenthesis must be used and no spaces are used except between the the CALL and SOUND.

Multiple tones and cords are played by adding the frequency and volumn for each. Try the following for an A and E cord:

```
CALL
SOUND(1000,440,2,657,2)
CALL
SOUND(1000,440,2,657,9)
Hear the volumn difference of the E?
```

To make noise, use negative numbers between -1 and -8 for the frequency. Try:
CALL SOUND(1000,-2,2) \

```
Lets make a short program to hear these noises so you can repeat them.
100 FOR N=1 TO 8 \ 200 CALL
SOUND(1000,-N,2) \ 300 NEXT
N \ Then type RUN several times to hear the effect.
```

We learned earlier to use LET statements hold values. So now we can write music with the computer by placing the frequency of each note by its name:
A=440 \ B=494 \ C=523 \ D=587 \
E=659 \ F=698 \ G=784 \
A1=880 \

```
CALL SOUND(1000,A,2)
CALL
SOUND(1000,A,2,E,2,A1,2)
CALL SOUND(2000,E,2,A1,2)
```

Or try your own cords.

Count the horizontal rows
What happened? It was
supposed to be 24!

CALL VCHAR AND CALL HCHAR:

This is the start of the use of graphics. We'll start with the VCHAR or vertical characters. For Graphics, our screen is composed of 24 horizontal rows and 32 vertical columns. We identify a position with the horizontal row (1 to 24) and then the vertical column, separated by a comma. The third item needed is the ASCII character code to be placed at that location. We can also add a fourth item, the number of repetitions of that character. Let try it a step at a time.

Type in CALL
VCHAR(12,17,42)

This means place at the 12th row and column 17 an asterisk (ASCII Code 42 = *). Lets do it again but repeat it 5 times.

CALL VCHAR(12,17,42,5)
Lets change the character to a V which is ASCII Code 86, and repeat it 30 times. And lets start it at row 4 and column 10. What must you type in the parenthesis after the VCHAR? Do it!

CALL HCHAR is the same thing, except the repetitions will be in a horizontal direction. Use ASCII Code 95 for an underline for the character to be used and redo the VCHARs used above, but as HCHARs.

After that practice, lets start at Row 1, Column 1, and use the asterisk (Code 42) for 786 repetitions (that's 24 rows times 32 columns). You make up the Statement needed.

OK Class! That finishes Chapter One, The Immediate Mode. You should now understand:

PRINT CALL CLEAR LET CALL SOUND CALL VCHAR CALL HCHAR

Next class we start SIMPLE PROGRAMMING so you can have the computer do the work and you can save and reuse or modify programming as you want.

continued next month!

TI BILLBOARD PROGRAM

This program makes an interesting Sprite Banner and it requires Extended Basic.

```
100 MSG$="BRANDON TI-99/4A USER GROUP"
110 CALL SCREEN(2):: CALL CLEAR
120 FOR I=0 TO 14 :: CALL COLOR(I,16,1):: NEXT I
130 CALL DELSPRITE(ALL)
140 DISPLAY AT(2,3)ERASE ALL:
"TI BILLBOARD":TAB(13);"by": Hermon Nieuwendoo
1"::: enter message"
150 DISPLAY AT(12,4):"or name to display:"
160 DISPLAY AT(22,1):"press any key after all letters are in motion to abort."
170 ACCEPT AT(14,1)SIZE(-28):MSG$ :: IF MSG$="" THEN 170
180 CALL CLEAR
190 C=.868-LEN(MSG$)*.031+1
200 RANDOMIZE
210 FOR N=1 TO LEN(MSG$):: CALL SPRITE(#N,ASC(SEG$(MSG$,N,1)),INT(RND*(14))+3,(N+(28-LEN(MSG$))/2)*6,N*8):: NEXT N
220 FOR N=LEN(MSG$)TO 1 STEP -1 :: CALL MOTION(#N,0,-20)
230 FOR D=1 TO 475%C :: NEXT D :: NEXT N
240 CALL KEY(3,K,S):: IF S=0 THEN 240
250 DISPLAY AT(12,7)ERASE ALL:"Do another? :Y
260 ACCEPT AT(12,20)SIZE(-1):X$ :: IF X$="Y" OR X$="y" THEN 130
270 CALL CLEAR
```

TI-BASE - From INSCEBOT
TUTORIAL 13.1.1 By Martin Smoley
 NorthCoast 99'ers - Oct. 21, 1989
 Copyright 1989 By Martin A. Smoley

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```
*
CLOSE ALL
PRINTER NONE
SET PRINTER=DSK2.MLIST
LOCAL TST C 2
LOCAL ANS N 2 0
LOCAL MV C 50
LOCAL AST C 2
REPLACE AST WITH "*"
USE DSK2.TNAMES
SET HEADING OFF
SET RECNUM OFF
*
WHILE .NOT. (EOF)
  REPLACE TST WITH SA
  IF TST <> "No"
    SET TALK OFF
    CLEAR
    WRITE 2,4, FN
    WRITE 4,4, LN
    WRITE 6,4, SA
    WRITE 8,4, CT
    WRITE 10,4, ST
    WRITE 12,4, ZP
    WRITE 22,2, "1=Mr. 2=Mrs.";
      " 3=Miss. 4=Ms."
    WRITE 23,2, "ENTER SELECTION =>"
    READ 23,22, ANS
    SET TALK ON
```

After all this time I still have not covered all the tricky little tasks which TIB will automatically do for you. This month I will cover a couple more items I think are very interesting. What you see above is one CF. The first line contains MLIST and the last line contains Formatter. It's too big to type in through the TIB editor unless you break it down into smaller CFs and use DO xxxxx to combine their operation. I used FunnelWeb. If you have no need for the function it performs, you may consider it a waste of time, but if you need this type of utility it could be a real lifesaver.

```
DOCASE
CASE ANS = 1
  REPLACE MV WITH "1 Mr."
  PRINT MV
BREAK
CASE ANS = 2
  REPLACE MV WITH "1 Mrs."
  PRINT MV
BREAK
CASE ANS = 3
  REPLACE MV WITH "1 Miss."
  PRINT MV
BREAK
CASE ANS = 4
  REPLACE MV WITH "1 Ms."
  PRINT MV
BREAK
ENDCASE
IF (ANS<1) .OR. (ANS>4)
  REPLACE MV WITH "1 "
  PRINT MV
ENDIF
REPLACE MV WITH "2 " ; FN
PRINT MV
REPLACE MV WITH "3 " ; LN
PRINT MV
REPLACE MV WITH "4 " ; SA
PRINT MV
REPLACE MV WITH "5" ; " " ; TRIM(CT);
  " ", " !ST!" " !ZP
PRINT MV
PRINT AST
ENDIF
MOVE
ENDWHILE
*
SET HEADING ON
SET RECNUM ON
CLOSE ALL
PRINTER EPSON
SET PRINTER=PIO.CR.LF
RETURN Copyright Martin A. Smoley 1985
*
* CF to produce a TI Writer Mail list
* to be usable with TIW or FunnelWeb
* Formatter. Includes user screen input
```

Here is the task. I have a bunch of names and addresses in my TIB Database and I'd like to send a bunch of those people one of those neat form letters, the kind that has individual addresses at the top and maybe the persons first name scattered around in the text so it looks like I wrote each letter. They live far enough apart that they probably won't compare letters and find me out. I know that FunnelWeb or TIW will write the letters for me, but I need to take the correct information out of the DB and put it into a file that they can work with.

Continued Next Page.

REC	NM	LN	FN	MI	SA	CT	ST	ZP	PH	XP	GP	ID
0002	1	Aardvark	Grant	E. 9995 State Rt. 84		Geneva	OH	44014	1-465-9876	88/02	NOCC	07:78E
0003	2	Aardvark	Willard	J. No Newsletter			OH		1-465-7689	88/09	NOCC	07:78E
0005	3	Jones	Jan	W. 37285 Burgandy Lane		Mentor-on-the-Lake	OH	44060	257-1029	88/08	NOCC	08:2087
0000	4	Smoley	Martin	A. 6149 Bryson Drive		Mentor	OH	44060	216-257-1661	89/02	NOCC	07:138E
0004	5	Vivannovitch	Aulga	I. 111 E. 98th. St.		Cleveland	OH	91023	541-5415	88/05	NOCC	07:28E
0001	6	Whitean	Raymond (Slim)	B. 2574 East 254th.		Eastlake	OH	44094	951-2345	88/09	NOCC	09:218E

**TI-BASE - From INSCEBOT
TUTORIAL 13.1.2 By Martin Smoley
NorthCoast 99'ers - Oct. 21, 1989
Copyright 1989 By Martin A. Smoley**

1 Mr.
 2 Grant
 3 Aardvark
 4 9995 State Rt. 84
 5 Geneva, OH 44014
 #
 1 Ms.
 2 Jan
 3 Jones
 4 37285 Burgandy Lane
 5 Mentor-on-the-Lake, OH 44060
 #
 1 Mr.
 2 Martin
 3 Smoley
 4 6149 Bryson Drive
 5 Mentor, OH 44060

```

*****
.F;LM 0;RM 62;PL 20
 1# 12# 13#
 1#
 1#
 1#
  
```

TEST1

Dear 1# 13#

This is a test 12#, to show the use of FunnelWebs mailmerge. I know your address is 1# 13#, and I'll be contacting you again. Until then 12#, please try to find some new and interesting uses for the TI 99/4A.

```

*****
  
```

Mr. Grant Aardvark
 9995 State Rt. 84
 Geneva, OH 44014

FINISHED LETTER

Dear Mr. Aardvark

This is a test Grant, to show the use of FunnelWebs mailmerge. I know your address is 9995 State Rt. 84 Geneva, OH 44014, and I'll be contacting you again. Until then Grant, please try to find some new and interesting uses for the TI 99/4A.

I have listed TNames at the bottom of 13.1.1 to show you the DB I am using. It is the same DB we normally use except for Jan Jones and Aulga Vivannovitch who have been created to represent female possibilities in your DB and Willard Aardvark who does not have a street address listed. These represent

only a couple of the problems I'm sure you will encounter in a large DB, but the techniques in handling these problems can be used to handle almost any problem with a little ingenuity. I'll go through the MLIST/CF and try to explain what I'm doing. The command PRINTER NONE does not exist. "So what's up?" We are going to print selected parts of the DB to a Disk file named MLIST as you see in the next line of the CF. We need a finished file in the form you see to the left of this page. FunnelWebs Mailmerge can handle blank spaces and even blank lines, as you see, but it cannot handle CR or LF symbols at all. When TIB prints to your printer, or to a disk, it automatically sends CRs and LFs. There's no way to stop it. "Oh Yeah!" I loaded TIB and type USE DSK1.PRINTER and then EDIT. I paged through the file until I found the name of a printer I thought I would never own. I changed all the data in all the fields to zeros except for the CR and LF fields, which I changed to 20. 20 is the Hex value for a space. Then I changed the name field to NONE and pressed FCTN 8 to record my new data. Don't be suprised if the record seems to disappear at that second. TIB will instantly resort the file and stick NONE in where it belongs. If you need reassurance, page back and forth through the file and you should find NONE. Then press FCTN 9 to get out and enter CLOSE to reclose that DB. Now when our CF sends the command PRINTER NONE, TIB will load none commands and a couple space characters into its control code area. At the end of the CF I reload my EPSON codes and SET my printer back to PIO.CR.LF. The next few lines should be quite common by now. SET heading and recrusa off is needed or you'll find more junk in the disk file which FunnelWeb can't handle. The While loop will move through the TNames DB one record at a time until it finds the EOF. Next I show you only one of the many ways that we can handle Willard J. Aardvark. You may have a DB which contains a varied group of people or whatever. In that group you may have a percentage of records that you use for different reasons and therefore wish to exclude records from mailing to mailing. You might have a field that contains, No Newsletter, or Not a member, or Not married, or Not a good sales lead, or No Lamb this year. Without going into an explanation of why you might be keeping these weird records on people or sheep, I'll give you an idea on how to test for distinguishable characteristics. If you place any of the previous phrases into a 2 space field, TIB will take only the first two places from left to right and throw the rest away. So, in all of these cases you would end up with "No". If you took the first three places, you would end up with some answers of "No " and some of "Not". You can then test for the difference between the answers. This technique will allow you a greater flexibility in distinguishing between certain types of data. In the case of TNames, if "No" is found, no action is taken and that record is passed over.

If "No" is not found, everything between IF and ENDIF is performed. Briefly, if "No" is not found, the First Name, Last Name, Street Address, etc. of the current record are placed on the screen. You are then asked to determine if this person is Mr., Mrs., Miss or Ms. Entering a 1,2,3 or 4 will cause TIB to place your selection in the MLIST file as item 1. If you enter a number above or below the range, TIB enters a circumflex after one in the MLIST file. If a 1 is called from TEST1, as you see, there must be a corresponding answer in the MLIST file. When this task is finished, TIB also places the FN,LM,SA and CT,ST,ZP fields into MLIST. TIB continues this process for each record until it hits the EOF marker. It then sets the system back to its original state and RETURNS to the Dot Prompt. For those of you who don't use mailmerge here is a quick run through. You create a letter like TEST1. The numbers between asterisks tell the Formatter that there is a word or phrase in a Mail List file which it should substitute at that point. If everything is correct, in the file, you will receive a letter with all the insertions in the right places. Note: FINISHED LETTER. When you enter the Formatter use DSK1.TEST1 and PIO.LF as usual. For Mailing List enter Yes, and for Pages enter All or "1", "1,2", "1,2,3" or "1,2,3,4" for particular names on the list. Copies: 1, Pause: N, and DSK1.MLIST for Mailing list. At that point you're on your way.

Continued Next Month.



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-SPECIFY DSSD OR SSSD-

~~~~~  
W-AGE/99 \* NEW-AGE/  
99 \* NEW-AGE/99 \* N  
EW-AGE/99 \* NEW-AGE  
/99 \* NEW-AGE/99 \*  
~~~~~

* by JACK SUGHRUE, Box 459, East Douglas, MA 01516 *

1

Why NEW-AGE/99? Well, it's been almost a year since my long-running IMPACT/99 columns were rudely interrupted by a car accident which kept me from my beloved ♥ little computing machine.

So why NEW-AGE/99? After my brush with death last spring I initially felt I had been given another shot at Life (definitely with a capital "L") and wanted to reflect this New Age even with my computer. Secondly, "impact" sounded too much like a crash. Thirdly, I think my view from the TI sidelines for so long gave me the distinct perspective of seeing a New Age arrive for us. And, finally, the sharing and caring that was shown to me during my repair time by 99ers worldwide made me realize that my commitment wasn't to the little computer (that kept me occupied in thousands of wee hours) but to the people.

Even now, so long after The Event (always capitalized in my family), I continue to get cards and letters and disks and TI-related thingies from all over the world. This past week I got cards from England, Belgium, and Australia. And a few more from this country and Canada. To all those well-wishers everywhere who were so supportive during my long recovery, I can only say, "Thank you." You were all very instrumental in my rapid comeback. Even the doctors were amazed.

Regarding my operations, the most oft-asked question was, "Will all those metal plates in your head set off alarms in airports?" I have no idea. I haven't flown since. I had the stainless steel one and one of the titanium ones removed in a recent operation, but I still have seven left. Permanently.

And I am back to work on a slightly limited basis. And I DO drive. A new car. My other two-month-old new car was totally demolished when I hit the tree. And - YES! - I was VERY scared the first time I got back behind the wheel once I could see okay again. It had been so long. I'm still cautious, but I'm no longer frightened.

I had also been drifting toward large blimphood, but I lost lots of weight after the accident and have been able to keep it off. Crash diet. So there's another positive.

I really have a thousand TI people to thank, but I must particularly single out Charlie Good, John Willforth, Chris Bobbitt, Timothy Dermody, Tony McGovern, Jim Peterson, Jim Cox, Sister Pat Taylor, and so many patient newsletter editors for support above and beyond the call of duty. Having inadequately given such little thanks when so much more was due, I'll now move right into N-A #1.

Each month I plan to explore in these two pages some TI fairware and some commercialware and a bit of the goings-on.

The first going-on is Bill Gaskell's. I am sorry to learn of his FOUR-A/TALK swan song. For the year he wrote it, it was the most interesting column around. The variety and the history and the enthusiasm and the good writing made FOUR-A/TALK the boost we all needed. It was a very sustaining column that each month also introduced us to all the new goodies available to us (and there are many). The TI World Community will sorely miss your writings, Bill. Hurry up with the

skiing and golfing and get back to your computer.

In Bill's last article he talked about John Johnson's most recent BOOT program as of October 1989, good for Hard Drives, etc. For those with the "normal" system of a drive or two but not the techie wizardry, you can still benefit from the BOOT. It may not be the ONLY way to go, but it sure is one of the very best. Someone sent it to me during the time I wasn't able to compute, but when I got back to the keyboard recently I popped it in and had my flabber gasted. First it says, "MUG BOOT LOADING." That's the Miami Users Group (6755 Tamiami Canal Road, Miami, FL 33126).

Then comes the menu: 1 SHOW DIRECTORY; 2 DISPLAY A FILE; 3 RUN A PROGRAM; 4-9 Options 1-6; C TI XB.

#1 shows a directory of any disk (including RAMs) and permits marking of files for viewing, running, deleting. Marking auto-sets files when you return to Main Menu. A text file appears when #2 (DISPLAY) is pressed. An XB or E/A file runs automatically if #3 (RUN) is pressed.

When you press the spacebar another menu (with Options 7-15 and TI XB) is displayed. Press again and a third menu (with 16-24 and TI XB) is shown. This means you can type in anything on the options to VIEW or RUN including LOAD itself, which is handy if you have a bunch of LOAD programs (such as FUNNELWEB) that you want to operate off ANY drive. If you have a DSDD and two drives, for example, you could load onto this MUG BOOT disk all your favorite programs AND another whole disk of favorites on Drive 2. (And a zillion more.) Then you can put your top 24 on this menu and your other top 20 onto your FUNNELWEB menus and on and on.

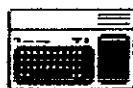
With this program you could build the perfect environment for yourself, but that's only scratching the surface of this February '89 version I have.

Here are just a few of the single keypress things this will do for your minimum XB disk system: turn screen off; load disk directory; print directory; view text file; print text file; run XB or EA program; EASILY configure up to 24 (actually, unending number) files for autoloading; run gram/grom modules; delete files; cycle through and mark groms; toggle XB color interrupt routines off and on; do a CALL routine; change print device; get and display ROM header at >6000 (whatever that means); configure BOOT tracking; display version # and author; toggle instantly between all options; save all configurations; use additional active keypresses in sub menus; and so on.

Could you have dreamed that something so wonderful and so simple to operate could ever exist for our TI? Get the latest version from your user-group library or write to Miami. Don't forget a decent fairware donation.

In his final column Bill Gaskell was surprised by the ingenious FUNNELWEB built-in to change upper to lower case by holding CONTROL/period and running the cursor over the characters (words, sentences, etc.) to be speedily converted. I don't think he realized that Tony McGovern also did a reverse - lower to upper - by holding CONTROL/semi-colon. Tony told me he added this because he was not a good touch typist and found retyping from one case to the other too time consuming. The day after I got this version (4.0 and up), I was typing along without looking at the screen. When I looked up I had 20 lines or so of upper case. Zip. With the cursor and Tony's ingenious keypress changer I was back to typing in seconds. Try it the next time you use FWB (speaking of which, have you tried the new 4.2? It's got some great LARGE changes.) NEW-AGE/99 will detail it all soon.

(If you use NEW-AGE/99 please put me on your exchange list.)



Ogdens 99'er User Group
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 Asst. Librarian: Mel Bragg 393-9605
 Newsletter Editor: Mel Bragg 393-9605
 Associate Editor: Harold Hilburn 773-0622

MARCH 1990 NEWSLETTER OUR NEXT MEETINGS ARE:

SATURDAY: MARCH 03 TIME: 0900 hrs.
 TUESDAY: MARCH 06 TIME: 1900 hrs.
 TUESDAY: MARCH 20 TIME: 1900 hrs.

We will be meeting in the CIVIL AIR PATROL building at the OGDEN MUNICIPAL AIRPORT AIRPORT ROAD. On the 06th and the 20th

We have started a BASIC class for those interested. The people taking the BASIC class will meet on the FIRST and THIRD Tuesday of the Month at times above. Jim Buck is the teacher. These meetings are held at the Hill Side Center in the basement. ROY CITY CENTER.

OGDEN TI USERS GROUP
 1396 LINCOLN APT #B
 OGDEN, UTAH 84404

