

CALL SOUNDS

The Newsletter of
The CENTRAL WESTCHESTER 99'ERS



SEPTEMBER 1986

ANNOUNCEMENTS

Next Meetings: will be held on Thursday, Sept. 17th, at St. Joseph's Rectory, 15 Cedar Street, Bronxville, N.Y. The meeting will be called to order at 8 pm sharp. **Directions** were mailed with the Aug. CALL SOUNDS.

PROGRAM for the September meetings: After a **SHORT** business session, we will have a Q & A session. This will be followed by part 1. of a two meeting series on **MULTIPLAN**. For those who do not yet have multiplan, it is available via mail order for about \$39.00. That is **CHEAP** for a professional spread sheet, -so give serious consideration toward buying one ASAP as the supply is not unlimited.

XB-SIG the Extended Basic Special interest group will meet September 8th at the home of Al Trudeau, 7 Taylor Road, Elmsford. Work will continue on our special project. A great deal of progress was made in the past Month due to some fine programming by Hubert Deri. More will be said at the September meeting.

THE LENDING LIBRARY: As usual, each month a binder of over 40 exchange newsletters goes into the lending library. We now have about 9 in circulation. **IN ADDITION** there are books, modules, disks, magazines, etc. all available for a loan of one month. **Remember!** The LL cannot work if you do not return what you have borrowed.

FREE SOFTWARE: Bob will put together a disk of programs from various sources including some of the programs Art has received from other Newsletter editors. Remember, you must give Bob a formatted replacement disk when you pickup your software.

DISK LIBRARY: As you know, Bob Sweeney is our librarian. We have all but abandoned giving out programs on Cassettes. Bob will provide you with programs on club owned cassettes, in limited quantity. Obviously it takes a long to record one or two programs on cassette as it does to copy a whole disk full of programs. We now have only one active member without access to a disk drive so this should not be an inconvenience. You may leave messages for Bob at 914 961-8024. If he is not in, his answering machine will be "on".

CLUB BUSINESS -Expenses in brief.

At the August meeting we authorized \$12.50 to be spent in obtaining additional RLE graphics for our library. Most likely these will be down loaded by the Telecom SIG from GENie and CIS as a special project.

We bought 25 disks for the librarian and a ledger for the Treasurer, and we bought \$22. worth of postage stamps.

WHERE ARE WE HEADED?

Three years ago when Carney and Art organized this club, only one member owned a disk drive and a printer. Our Library was contained on some twenty cassettes and we met in member's homes, twice each month. Today, all but one active member is using a disk drive, many members have dual drives and ALL have printers.

Not only is our library now a disk library but also our software is much more sophisticated and professional. Many programs are written in high speed languages such as Assembly or Forth. For most members, the 99/4A does just about everything we want a computer to do: Wordprocessing, filing, taxes, spreadsheets, games and education.

We have begun to better understand how a computer works in general and our computer to be specific. Our July program gave us a good basis in understanding how the disk controller handles program and file storage. In August we examined business oriented software in the form of stock record keeping and securities analysis. A followup program on business software will be made in the future.

Right now, program chairman, Al Trudeau, has scheduled two programs on spreadsheets and their uses. Under Al's leadership, we are getting a good fundamental education in the key uses of computers.

In addition, Former member Bob Cataldo initiated the club into the world of telephone communications and our Telecom SIG, under the guidance of club president, Carney Mims, has explored that phase of computers much further.

Have we "peaked"? Is there nothing more for us to learn?

Hardly! We have only begun to get involved in all this computer has to teach us. A few Examples: In the past year we had one program that gave us a broad overview of Forth, but that only opened the door. Shall we go on to more detailed study? How about the new "C" language? Three of our members own the TI Pascal system. Will they volunteer to teach us? A new tax bill will shortly be voted into law. Can we get up a new SIG to rewrite our club's tax software to conform to the new regulations? New hardware is available for the 99/4A -such as print buffer spoolers, RAM disks, new keyboards, realtime clock cards, and more.

The foregoing points out a trend. Most of the very first free software given out at meetings when we were a "Cassette" club was **Games**. Today we very strongly are involved in practical utilitarian uses for our computers. We make our computers more useful and meaningful in our everyday lives. The "Game Toy" has metamorphosized into a near necessity. We still have a long way to go before we have exhausted to potential of the 99/4A.

Computer Owners vs HCM
or - can we stop the ripoff?

Led by Jeff Guide, of Disk Only Software, computer owners (many different brands) across the nation are banding together in a fraud complaint with the postal authorities in an attempt to bring the ripoff artists at Home Computer Magazine to justice.

Before going further, let's do a little bit of math. HCM's last advertised price was \$25.00 for 10 issues of the magazine and \$49.95 for 10 matching disks. Statistically, at any one time the average number of magazines owed by a publication, that has been on-going for some time, is 50% of a year's subscription. In this case \$12.50 for magazines, 25.00 for disks or a total of \$37.50. However, not every subscriber ordered the disks, so we will take a more reasonable figure of \$25.00 total. Multiply this by 10,000 subscribers (a very conservative estimate) and you have \$250,000. That is what is involved in HCM's refusal to complete the subscriptions owed. To use a cliché - That ain't Hay!!! We are not counting the many people who subscribed to the new computer/midi music magazine and only got ONE issue. With this kind of money involved, the justification of the complaint is obvious.

In addition to the effort via postal authorities, the district attorney of Eugene Oregon has received sufficient complaints to enable the office to initiate an investigation of Emerald Valley Publishing and its owners.

Mr. Gary Kaplan, owner of HCM, for reasons unknown, has made an offer to some but not all of the HCM subscribers - that they received the expensive Home Computer Journal (\$25.00 an issue including a disk). Why fully half of subscribers never got this offer is the unknown.

As a side point let's look at the competitive market. At B Dalton, Booksellers, there are several magazines on sale with program disks included. These are specialty magazines. That is they are devoted solely to one computer such as IBM, Color Computer, etc. The IBM magazine, in full color, was priced at about \$18.00 and the Atari, also a slick magazine in color with disk, at about \$12.00. HCJ is a one color publication split among 5 computers. The price/value comparison is obvious. Mr. Kaplan is not even close to being competitively priced. Is this his way of ridding himself of a quarter million dollar obligation at a minimal cost?

Among the basis of the complaint with the postal authorities is the large number of subscribers who requested refunds BEFORE and after HCM folded. None ever got so much as a postcard acknowledgement. Many of the requests were sent registered mail.

Those who did opt to receive HCJ, thought that if they were owed 4 issues of HCM they would get 4 issues of HCJ - not true, their copy came with a form letter informing them that the one issue received was the last one they would get

unless they subscribed to HCJ. Gary Kaplan can get away with this breach of contract because technically it is a different company making the offer!

Being a shifty runner has been Kaplan's style - Selling one type of magazine, delivering another, erratic and unpredictable delivery, promising a special publication with all the advertising that was not in HCM and delivering that very seldom. Packing the magazine itself with advertising for his own products including about 25% of the final issue as a pitch for a new magazine (as mentioned he ripped off those foolish enough to subscribe).

O.K. What action shall we take? If you were a subscriber and have not yet demanded a cash refund for the remainder of your subscription, do so now by certified mail return receipt. When the receipt comes in, send a photo copy of your demand and receipt to Jeff Guide, Disk Only Software, p o box 4170 Rockville, Md. 20850. The more evidence Jeff can present to the postmaster, the more weight the complaint will carry. Kaplan expects to win by default - who is going to sue over \$25.00.

In addition, send a letter of complaint and a duplicate set of photo copies to: District Attorney, Consumer Relations, 400 Lane County Courthouse, Eugene Oregon (503 687 4261). As the movie said, lets let him know "We've had enough and aren't going to take it any more!". So please take action NOW!

By ART BYERS

SHOPPING GUIDE

Radio Shack still has TI 99/4A keyboard inserts and TI RF modulators. Both under \$5.00 retail.

33 cent disks. We recently answered an ad in COMPUTER SHOPPER from a company called MEI 1-800-642-1148. \$33.00 buys 100 disks, either SSSD or DSDD, including shipping. They are complete with paper envelopes, write protect tabs and hub rings. We have used about 30 and they seem to be just fine. Offer expires Oct 15th, 86.

A source for "inside the console power supply" as well as the wall plug transformer, cassette cables, keyboards and premade ribbon cables for adding one or two extra drives is Lolir Electronics 12933 N Central #212, Dallas TX 75243. Prices are reasonable.

PERGEMENT has a good selection of inexpensively priced computer furniture at all of its new Super stores (Portchester, Rte 119 between White Plains and Elmsford, Mohegan Lake.) Not only is it well designed, but it is very handsomely styled.

ODDS 'N ENDS

AL TRUDEAU has been approached by DataBioTics who are interested in marketing his original business software. As part of the offer, he may receive a GENEVE on loan so he can be sure the software is compatible. If the deal goes through, Al will surely have an interesting "show and tell" for us at a Winter meeting.

INSERT

Inserts a blank row or column, formatted to DEFAULT ings.

LOCK

Protects the cell, or formula, from accidental overwrite.

MOVE

Moves a cell, or group of cells, to specified row/column, deleting the original.

NAME

Allows you to give a name to a cell to aid in future references to that cell. "Total" or "Sales" are examples.

OPTIONS

Covers global options such as RECALC, MUTE, & ITERATION. The most important of which is canceling RECALC, to avoid waiting for each entry to recalculate the entire worksheet.

PRINT

Used to print the worksheet. Before printing, you must first define the extent of the field to be printed with MARGINS and OPTIONS, then select PRINTER to start output. PRINT FILE outputs to disk instead of the printer to be included into a Word Processor file, or other cases where a need the worksheet stored in ASCII format.

QUIT

Self explanatory, provides a "safe" exit.

SORT

Sorts entries in cells in a specified column, in either ascending or descending order.

TRANSFER

Includes six sub-commands which are used: to LOAD, SAVE, RENAME, or CLEAR an active worksheet. Also, to DELETE a file from a disk, and an OPTIONS command to define disk filename and format.

VALUE

Used to enter a numerical value or formula into a cell. This must be used for numbers that will be used in calculations.

WINDOW

A window is used to overlay one or more portions of a worksheet with another. As an example, to hold the titles of columns fixed while the data scrolls underneath. The sub-commands define how the windows are opened, closed, or nked together. A border can be defined to offset it from the worksheet.

eTERNAL

Allows related worksheets on disk to be linked as a

source of data for the active sheet. Any range of cells can be drawn up for rouse. Multiple worksheets can be linked relative to each other so as to work together.

Appendix B is a list of the Key Functions used in the TI Multiplan version. Most functions have two optional keystrokes choices. This is to allow flexibility as to how you prefer to access them.

CELL POINTER CONTROL KEYS:

F-E F-

Typical cursor keys, scroll the sheet up, down, left, & right. As F-S in BASIC.

F-D C-E C-X C-S

Page scroll. Similar to cursor scroll, except moves in one screen-width or -height blocks.

C-D C-6 (C-W)

Moves cursor to the next window as defined with the WINDOW command

C-3 (C-F)

Jumps to the next unlocked, unblank cell to the right, skipping over cells protected with the LOCK command.

C-1 (C-B)

Jumps to the "HOME" position, ROW 1/COLUMN 1, which is the view seen when first starting up Multiplan.

F-1 (C-2)

Opposite of C-1 ("HOME"), except stops at the lower right corner boundary of the area you are working on.

ACTION KEYS:

<SPACE>

In Command mode, (when command choices are displayed) skips through the commands, highlighting each with the cursor. Hitting <ENTER> selects the highlighted command. In the command menu tabs through each response field.

C-H (F-9)

(When not editing) Backspaces through the response field, opposite of <SPACE>, to make selections of options.

C-A (C-I)

TAB key. Tabs over a response field to the next selection. & C-2)

C-C (C-=-)

Cancel current operation. A failsafe "escape" to abort command selection.

MICROSOFT MULTIPLAN (tm) PART #1
an Electronic Spreadsheet
by Tom Kennedy CIS# 74176,774

ELECTRONIC SPREADSHEETS, CELLULAR ANALYSIS, FORMULAS,
CELLULAR REFERENCING, WORKSHEETS, ABSOLUTE REFERENCING

These are buzzwords of a form of Data Processing that on the surface appears to be incomprehensible to all but accountants and the bridge crew of the Star-Ship Enterprise. As Word Processing is to writing a letter, Data Processing is to using a multiplication table.

Many people have a hard time using spreadsheets, because working with data in this format is similar to learning a new language. But once you learn to use the commands, and the procedure of working with data in a two-dimensional row/ column format instead of a one-dimensional equation, you'll find many ways in which Multiplan will allow you to "crunch numbers" faster and easier than using a calculator and notebook. More than that, Multiplan is flexible enough to be used anytime you want to display, or use, numbers or words in a row/column format. In fact, you could even adapt Multiplan to use it as a Word Processor!

What is a spreadsheet? In business, you often hear reference to "our books". The "books" that the businessmen, and you & I, keep are a pen & paper record showing the Debits and Credits of various bills paid and assets gained, plotted against a scale of time. Each intersection of row and column contains an entry for a value. The last column and/or last row contain a summation of all previous columns or rows. In an electronic spreadsheet, you recreate the printed form with the addition that each "cell" (a row/column intersection) can also contain a mathematical equation, or "formula", that automatically acts upon pre-defined cells and displays the result accordingly. If any value in any cell is changed, the formula instantly updates displayed results. This self-maintenance ability is what pays off in using an electronic spreadsheet, such as Multiplan.

To operate the Multiplan software on the TI, you must have 32K memory expansion, and at least one disk drive. An RS232 card and a printer are also handy, but not mandatory because unlike word processing, where the end result is a printed piece of paper, the end result with a spreadsheet is useful data, which may be used many ways. Most worksheets are well over 80 characters in width, (up to 2016!) and this requires a cut-and-paste job, so a wide-carriage printer is preferable.

In load Multiplan, you insert the cartridge and program disk, select Multiplan from the menu, and press <ENTER> to load. Before pressing <ENTER> you can select one of eight screen color combinations by pressing the space bar.

The first thing you will see is a grid across the top and left side of the screen. These numbers are the row and

column locations in the top left, or "HOME" position. There are 255 possible rows and 63 possible columns, with the screen framing a small section. Each "CELL" is referred to by its row/column location, such as: R1C1, R10C22, etc. In R1C1, The Home position, there is a solid rectangle, as large as the width of the cell. This is your cursor, or "CELL POINTER", which is where any entry will appear. Below the cell grid is the COMMAND LINE, which shows the primary commands you will use. There are a number of sub-commands related to each of these, but you must type the first letter of the primary command first, or place the cursor over the command and hit <ENTER>. Below the command line is the MESSAGE LINE, which prompts you for further information when needed. In the bottom left corner is the current cell pointer location, and to the right of that is the contents of the current cell. Lastly, in the bottom right corner is the available memory space remaining.

Appendix A is a list of the twenty commands shown in the Command Line, with the forty sub-commands that apply to each.

ALPHA

The first command given before entering text into the current cell location. All alpha-numeric can be used, but numbers will be treated as text, and can't be used as values for calculations.

BLANK

Used to erase the contents of a specified cell or range of cells. Blanked cells retain their location and format.

COPY

Allows you to duplicate any cell or cells in any number, including both cell format and content.

DELETE

Completely erases a row or column.

EDIT

Allows you to edit the contents of a cell, or the formula in that cell, without re-entering the data. Requires careful use of the EDIT keys.

FORMAT

Defines all of the various parameters of cell width, content, and display of data.

GOTO

Moves your cell pointer immediately to any cell, by giving the row/column or pre-defined name. Also used to move from one window to another.

HELP

Calls up a detailed Helpfile (from disk) that covers the whole Multiplan software, including a command summary.

F-4

(When printing file) Aborts printing operation.

<ENTER>

Activates a menu selection or command.

F-7 (F-I)

Activates and displays the helpfile, which must be on the default disk drive (see TRANSFER OPTIONS)

F-8

Recalculates the entire worksheet when the RECALC feature has been cancelled with the OPTIONS command.

<-, +,

Invokes the VALUE option of data entry, as opposed to ALPHA, for & 0-9) text entry.

EDIT KEYS:

C-H (F-9) Backspaces through data entry for editing

F-0 (C-Y) Single-character delete.

C-4 (C-L) Skips to the next character right (like "F-0" in BASIC)

F-4 (C-K) Skips to the next character left (like "F-0" in BASIC)

C-5 (C-P) Skips to the next word right.

F-5 (C-D) Skips to the next word left.

C-7 Changes all relative references to cell locations (I.E. R+1C+2) to absolute references. (I.E. R2C5)

Upon selecting a command, a command menu appears with a number of response fields shown. In each response field is a proposed response, which is the default selection unless you change it. To use a command, type it's key letter and fill in the response fields. To move through the fields, use the tab key until the cursor is highlighting the correct area. Type in your response, and either tab to the next field or hit <ENTER> to activate the command.

When the necessary response is a row/column cell reference, there are two ways to respond: Absolute and Relative.

Absolute referencing is a numerical definition of the cell location, such as R5C10 (the intersection of ROW 5 and COLUMN 10). A group of cells, a RANGE, is called by giving the boundary intersections separated by a colon(:), such as R2C1:R4C10 defines a 3-by-10 cell grid consisting of columns 1 through 10 on rows 2 through 4.

Relative referencing involves identifying the desired cell by displacement from another cell, usually the one the cell pointer is currently on. As an example, if you are on row 5, column 10, (R5C10) and you wish to refer to a cell two rows up and three columns over, (R3C13) you could type in R-2C+3 or use the cursor keys to move the cursor over R3C13.

The relative address will automatically update as you

move. When the cursor is in place, hit <ENTER> (or tab to the next field) and the reference is defined.

So far, I have covered what you see on the screen and in response to the various commands; what the commands and key functions are; and how to fill in response fields where needed. Before going on to building a worksheet, you'll need to know how to save what you're working on, and how to load it back in. Besides the fact that you'll want to take a break occasionally, it's nice to be able to experiment with the commands, "messing up" the worksheet, and then loading the "clean" version back in to continue.

The LOAD and SAVE commands are under the command TRANSFER (a lousy name). Hit "T" and the menu will be displayed. Since the first option is LOAD, hitting <ENTER> now will prompt for a filename. To select SAVE, (or another option) hit the first letter and <ENTER>, or tab through to the desired item and hit <ENTER>. When loading or saving, you'll be prompted for a filename the first time, which will become the default response.

Multiplan also incorporates an extensive helpfile contained on disk. When the command line is displayed, you select HELP with either the Help action key (<AID> or "?") or by typing "H". The worksheet will be replaced by the beginning of the helpfile. If a command has been selected, hitting the help key will display the specific section of the helpfile that pertains to the command you are using. The help menu allows you to RESUME (return to command menu), START at the top of the helpfile, or move to NEXT or PREVIOUS page of information.

The first step to creating a worksheet is to decide how many rows and columns you'll need, and how the data will be displayed. It is best to sketch this out on paper to get a feel for how it will look. Also, you'll need to decide what formulas will have to be created that use the data contained in the worksheet. Lastly, you will probably want to change the format of many of the cells, usually by rows or columns. Most often, the formatting required is for display purposes. Cell width, alignment of the data within the cells, etc.

CLUB OFFICERS 1986/87

Carney W. Mims - President 914-761-5993
 Al Trudeau - VP/Programs
 Charles Willoughby - Secretary
 Art Byers - Treasurer 914-528-5402

COMMITTEES

Ed Bornemann - Hospitality
 Robert Anasta - Lending Library
 Robert J. Sweeney - Disk Librarian
 Art Byers - Newsletter
 Pat Leigh - Equipment
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 Carney Mims - Telecommunication SIG

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T. I. C. O. F. F. 1987



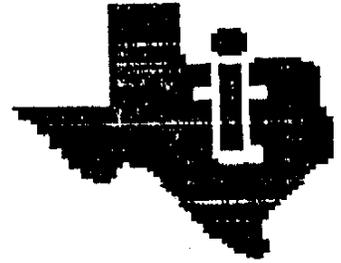
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TMS 9900 ASSEMBLY LANGUAGE TUTORIAL PART 8
 Your Own VDP Utilities
 by Steve Royce WNY 99'ERS

In this installment, I present a working version of the VDP routines, VSBW, VMBW, VSBR, VMBR and VNTR. Also, KSCAN is presented. You may question the value of these routines, as I initially did. You will find that their prime benefit is that you are able to define your own workspace for the routines, rather than using the normal workspace of >20 bytes beginning at >2038. How about using a 16 bit workspace in the scratch pad RAM for these utilities to speed up execution. As these are among the most common of utilities, putting them in the 16 bit bus makes a lot of sense. All you have to do is the copy the source code below as you are assembling a program, and assign a workspace address, using the label SUBWS. Do not REF the normal VDP utilities (ie REF VSBW,VMBW) in your program, or a duplicate label error will result. Have fun.

```

MOVW @1(R13),@>BC02   VDPWA WRITE OUT VALUE
ORI R1,>0000          SET FOR WRITE TO REG
MOVW R1,@>BC02       WRITE OUT REG #
RTWP

;
; SET WD ADDRESS
;

LI R1,>4000           ' A ' PREP R1 FOR WRITE TO VDP
JMP $+4
CLR R1               ' B ' SET TO READ FROM VDP
MOVW #R13,R2        GET VDP ADDRESS
MOVW @SUBWS+5,@>BC02 WRITE LOW BYTE
SBC R1,R2           ADJUST WRITE BIT
MOVW R2,@>BC02      WRITE HIGH BYTE
MOVW @2(R13),R1     GET CPU RAM ADDRESS
MOVW @4(R13),R2     GET BYTE COUNT
B *()              RETURN TO CALLING ROUTINE
    
```

TITL 'VDP ACCESS UTILITIES V 2.0 9-6-84 SJR #'

```

;
KSCAN DATA SUBWS,$+2  WORKSPACE ENTRY POINT
      LWPI >B3E0        LOAD GPL WORKSPACE
      MOVW R11,@SUBWS+22 SAVE RETURN
      BL @>000E        BL TO SCAN ROUTINE
      LWPI SUBWS        RELOAD SUB WORKSPACE
      MOVW R11,@>B3F6   RELOAD RETURN
      RTWP

;
VSBW  DATA SUBWS,$+2  WORKSPACE ENTRY POINT
      BL @>+B6         BL TO POINT ' A '
      MOVW @2(R13),@>BC00 WRITE BYTE
      RTWP

;
VMBW  DATA SUBWS,$+2  WORKSPACE ENTRY POINT
      BL @>+70         BL TO POINT ' A '
      MOVW #R1+,@>BC00 WRITE BYTE
      DEC R2           DEC BYTE COUNT
      JNE $-6         IF NOT DONE, JMP BACK 2 LINES
      RTWP

;
VSBR  DATA SUBWS,$+2  WORKSPACE ENTRY POINT
      BL @>+58         BL TO CLR R1, POINT ' B '
      MOVW @>B800,@2(R13) READ BYTE
      RTWP

;
PAGE
VMBR  DATA SUBWS,$+2  WORKSPACE ENTRY POINT
      BL @>+42         BL TO CLR R1, POINT ' B '
      MOVW @>B800,#R1+ READ BYTE
      DEC R2           DEC BYTE COUNT
      JNE $-6         IF NOT DONE, JMP BACK
      RTWP

;
VNTR  DATA SUBWS,$+2  WORKSPACE ENTRY POINT
      MOVW ,R1        GET REG # AND VALUE
    
```

TIPS FROM THE TIGERCUB are now distributed only at meetings. We have doing this as most of the clubs with whom we exchange n/1's already get this directly. Just printing enough for our own members saves us some money. It is also a "perk" for regular meeting attendance.



**Attention: all Newsletter Editors
BEST 99/94 ARTICLES OF 1986**

In January of 1986, the Central Westchester 99'ers put together a "flippy" disk of 715 sectors of the very best articles gleaned from 1985 99'ers newsletters from coast to coast. We send it out FREE if you provide the postpaid mailer and a new blank disk, or for \$3.00 if you want us to provide the mailer and disk.

However, the purpose of this notice is to let you know that for 1986 we will put out about 1400 sectors available on either flippy or as DDSII.

We ask that you send us the BEST from your club, to be included.

RULES: The article must be an original by a member of your club that appeared or will appear in 1986 in your club's newsletter. It can cover any computer related topic, such as copyrights, programming in any language useable on the 99/94, product reviews, etc. and more etc. If a program is part of the article, a separate "runnable" copy must be submitted. All material should be on disk with articles in DIS/VAR 80 format. A return postpaid mailer must be included.

In the past, we made the selection ourselves. This year we have impaneled a group of editors of 99'er newsletters as judges. These Good 99'ers have volunteered to be judges: Dave Hultberg of the CAUG in Pa., Jack Shattuck of the Delaware Valley UB, Dee Turrer of Omaha, and Johnathan Zitttrain of Pittsburgh who is a S/sop on Computer's TI Forum and Deanna Sheridan of Rocky River, Ohio.

Judging is very simple. Each judge will receive a copy of all articles submitted, and will rate them from #1 to the number of articles. The ones receiving to lowest points are the winners and the one with the highest scores, will be left out!

Deadline for receipt of material on disk is December 10th 1986.

Address Mail to: The CW 99'ers c/o Art Byers, 1261 Williams Drive, Shrub Oak NY 10588, CIS #73547,2014

Come on you editors, get your readers articles in for the "Best Articles" Disk. and-remember! It will be free! Let us hear from you!!

TO THE EXCHANGE NEWSLETTER CLUBS

CALL SOUNDS is the newsletter of the Central Westchester 99'ers club. We are an association of TI 99/94 users and are not a profit making organization. Almost everything appearing in this newsletter is available as a DIS/VAR BC file on your request. Please send a postpaid return mailer and blank disk. You are free to reprint any material from this newsletter but please give credit to the original source. **CLUBS INTERESTED IN PROGRAM EXCHANGES** should write to Bob Sweeney, c/o St. Joseph's Rectory, 15 Cedar St., Bronxville NY 10708



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