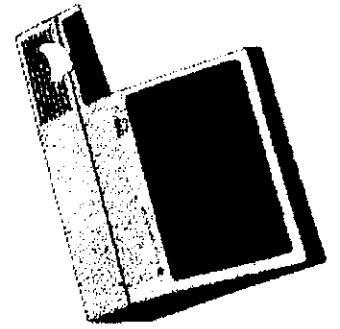
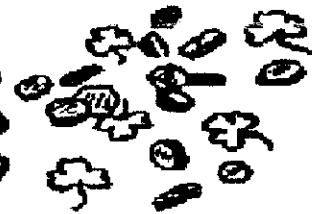


OTUG AND SLAVES

MARCH 1993 NEWSLETTER



MARCH 17th



FESTWEST "NORTH" '93

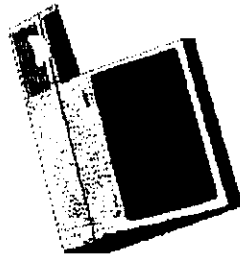
A viewpoint by;

Dave De Heer

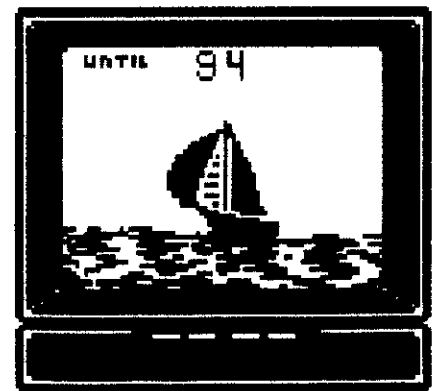
FestWest "NORTH" '93

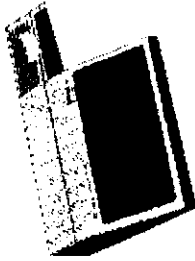
Committee Co-Chairperson

I found that FestWest "NORTH" '93 which took place on the 13th and 14th of February this year was every bit a success as we had hoped it to be. Many factors were in our favor and those that didn't attend this grand event are the only ones that are missing out. Of the vendors that attended, the only "NEW" product at the show was the new "Watchamacalit" time correction PCB for the Myarc HFDC clock. This PCB was presented by the Ogden TI Users Group for DBM Technologies of Ogden, Utah. Many of the vendors as well as many TI users did not attend the fest this year. I'm sure that the National Weather reports on our so called national news agencies had place deep concerns in the minds of many. I say this because for those that did attend, I believe that they found out that the weather had been greatly over exaggerated. The weather couldn't have been better for northern Utah in mid February. The temperatures were mostly agreeable and most of the severe snow that we received the first part of January had melted away. There was alot of bad weather for alot of those who were traveling to Utah, but then again, the fest is held in February and bad weather must be expected at somepoint no matter where you are traveling to or from. The fest this year was well attended from throughout the U.S. and Europe. Although I would have like to have seen more attendance from our neighbors to the north, Canada. In this article I would really like to take the time to thank those that spent the time to help assure a successful fest this year. From the Salt Lake Users Group there's Joe, Bob, Renn, Jack, Rick, Alex and of course Warren (who past away at the end of 1992). These people helped out a lot and I appreciate their effort. From the Ogden TI Users



Group there's Dave, Harold, Helen, Bob, Lorraine, Ken and Mel (who was my other co-Chairperson on this event). Alot of support from these people helped to make the bad times seem good. And of course I can't forget to say my thanks to a great group of people from the great state of Arizona. From the SouthWest Ninty-Niners there's B.J., Jack, Mike and Tom. These people drove and flew up from Tucson to help us out with registration and other duties. Most of all, I want to thank a very special person. This person at the last minute took over the duties of Hospitality with no preporation at all except for the \$75.00 we gave her to start the hospitality with. JoAnn Bragg. A very special lady with a great sense of humor (it would have to be to put up with us all) and food to munch on. If it wasn't for her, we'd probably been stuck with JB's Resturant next door and their over "INFLATED" prices (YES! this is a complaint) due to the All Star Playoffs. To all who helped, Thanks. To all the vendors who came to Utah, Please come back and see us again. To all the attendee's, I hope that you enjoyed the Fest and that you got a chance to see some of the sites that northern Utah has to offer. As far as the Grand Prize goes, my many thank goes out to Associated Business Products of Utah for their donations of the 2 Canon desktop calculators and the Kyocera F2010 Laser Printer. All of which were given away on Sunday afternoon to 3 lucky attendee's (and I wasn't one of them...). A special word here goes out to Mike Doane from Tucson; You've got to do better then \$38.50.

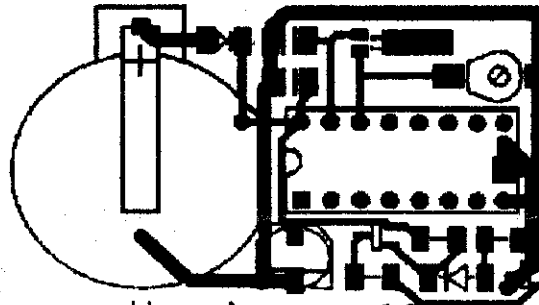




From the OGDEN TI USERS GROUP

NEW NEW NEW NEW NEW NEW NEW

THE "Watchamacalit" The Ogden TI Users Group is now selling the new "Watchamacalit" for the Myarc Hard/Floppy Disk Controller PCB. The "Watchamacalit" adds a battery



Watchamacalit

back-up to the clock chip on the HFDC as well as a much more regulated speed control. As all HFDC users are aware, the clock on the Myarc HFDC is very unstable and you always

have to SET the clock each time you power up the system. Not only is this time consuming, but it's also a aggravating. The new "Watchamacalit" solves these problems. It's easy to install. Just remove your clock chip, install it on the "Watchamacalit". Then install the battery and plug the "Watchamacalit" back into your HFDC where your clock chip was located. Really. It's that simple. The "Watchamacalit" has an adjustable capacitor located on it so that if your clock still isn't running at the correct speed, you can adjust it to either add more capacitance or remove some to correct the speed. The "Watchamacalit" is a product of DBM Technologies of Ogden, Utah and is sold exclusively through the Ogden TI Users Group. To order your, please write: The Ogden TI Users Group, 1775 22nd Street Ogden, Utah 84401-2112. Please include a check or money order for \$32.95 which includes shipping and handling. Your order will be shipped within 2 to 3 weeks.

THE NEW FUNNELWEB v5 TEXT EDITOR

described by Charles Good Lima Ohio User Group

Tony McGovern has released a "completely rewritten from source code" Funnelweb version 5 80 column editor dated Dec 15, 1992. A similar 40 column version will follow soon. I have a beta test edition of this 40 column editor. These v5 editors are designed to run from the Funnelweb v4.4 environment. So far, the only "version 5" parts of Funnelweb are the text editors. They are fully multi-lingual and compare favorably with Asgard's new FIRST DRAFT word processor. New features, added or revised since the v4.4 editor are summarized below.



HOW TO OBTAIN THIS SOFTWARE: -----

The 80 column v5 editor files are being sent by the Lima Ohio User Group to members and user groups on our mailing list thought to have 80 column systems. ANYONE, not just members, can obtain these and some supplementary files (extra help screens, demo text files etc) in DSSD unarchived format by sending 2 disks and a self addressed stamped return mailer to us. Also, WHEN they (soon) become available, we will send the 40 column editor files to ALL groups and members on our list. ANYONE can obtain the 40 column files by sending us 2 disks and a paid return mailer. No money is required, but a fairware donation directly to the author will be appreciated. Send requests to me at Lima Ohio User Group, P.O. Box 647, Venedocia OH 45894.



HELP SCREENS AND MULTIPLE FILES IN MEMORY: ----- FIRST text in memory - the

edit buffer:

SECOND text in memory - the help screens: When the 80 column editor first boots it loads into memory up to four help screens. These can be viewed from the command line by pressing H(elp). Each screen is 26 lines by 80 columns and they pop up on screen immediately because they are already in VDP memory. The Program Editor loads one set of help screens relating to assembly language coding. The Word Processing editor loads another set of screens more appropriate for help with text editing and formatting. You can move back and forth from one help screen to another by pressing the Q and A keys. PCTN/9 returns you back to the edit buffer. Sets of useful help screens are provided, and the user can also create personalized help screens. A utility is provided to convert the first 26 lines of any DV80 file into an 80 column help screen.

{ The 40 column editor will have 28 line by 40 column help screens. An unlimited number of these screens can be loaded into memory one at a time from disk by pressing H(elp) from the 40 column command line.

THIRD text in memory - screen viewing:

As in the v4.4 text editor, one can do a S(how) D(irectory), move the cursor next to a DV80 file name, press a key, and display a screen of that file. Subsequent presses of the same key window down through the entire file. There is no limit to the size of the file that can be viewed one screen at a time in this manner. This file isn't really stored in memory, just displayed on screen.

FOURTH text in memory - the V(iew) buffer: From S(how) D(irectory) you can put the

cursor next to the name of a DV80 file, press CTRL/V and load the whole file (or any part of it) into a 64K memory buffer for instant recall any time during the editing process. Once loaded into the V(iew) buffer the file can be scrolled one line at a time or windowed up and down very rapidly. Pressing <enter> from within S(how) D(irectory) or V from the editor command line pops this text into view. This V(iew) buffer can hold very large text files. It is in fact the same memory area as Funnelweb's Disk Review "V" text buffer. You can load some text into the 80 column editor's V(iew) buffer, exit the editor to a central menu, and from there go to Disk Review. After performing some disk management functions from Disk Review, you can go back to the 80 column text editor and the V(iew) buffer text will still be there! You can also load ANY KIND OF FILE into Disk Review's V(iew) buffer. Then if you exit Disk Review and go to the 80 column v5 text editor this text will be waiting for you in the editor's view buffer. Just press "V" from the editor's command line to see the text you loaded into Disk Review! {Because 40 column systems have only a limited amount of VDP memory, this V(iew) buffer feature is not available from the 40 column v5 editor.}



FIFTH text in memory - the ST(ore) buffer:

From the editor command line you can press ST(ore) and move the contents of the edit buffer into temporary storage in VDP RAM. You can then load another file into the edit buffer, edit the second file and save it back to disk, then press RE from the command line to RE(call) the ST(ore)d text back into the edit buffer. The ST(ore) buffer acts as a temporary ramdisk, but is much faster. Text files are saved and loaded to horizon ramdisks one

record (line of text) at a time. This is fast but definitely not instantaneous. Large files take 10s of seconds to load and save with a horizon. The ST(ore) buffer response time is immediate! It is too bad you can't exchange text between the edit and store buffers. Tony says this trick would eat up lots of memory and that's why such a feature has not been included. {ST and RC to and from VDP RAM is not available from the 40 column v5 editor. There isn't enough memory.

NEW FILE SAVING AND PRINTING OPTIONS: ----- These are available in both the 40 and 80 column editors and are accessed via the P(rint)F(ile) command. You can configure the editor with printer codes. Then every time you insert a "P" in front of the printer name (such as PF <enter>, P PIO) the editor will send these preconfigured codes to the printer before any text. I have my v5 editor set up to send the "print all the following in emphasized print" command. If I also use a "Q" with PF the editor will send a printer reset code to the printer after all text has been printed (PF <enter>, P Q PIO).

You can append the contents of the text buffer to the end of an existing disk file by specifying the disk file as the printer device preceded by an "A" (PF <enter>, A DSKx.FILENAME). DV80 files of unlimited size can be created this way. I build multiple choice exams for my students this way, one question at a time taken from question lists I have stored as DV80 files.



You can also use PF to create DF128 text files readable directly by MS-DOS and Unix software.

NEW POWERUP OPTIONS: -----

Normally the v5 editor boots in either Word Processing or Program Editing mode depending upon which of Funnelweb's central menus is used to select the editor. However, if you hold the space bar down as the editor loads you get a list of choices. The editor can be pre-configured to always give you this list of choices without pressing the space bar or to automatically boot as any one of the choices unless you press the space bar.

1. Word Processing
2. Program Editor

Then you get these choices:

1. Default 7-bit
2. National 7-bit
3. TI Euro

Writer

4. All Chars.

If you want the resulting disk file of your document to be readable by someone else on another computer using anything except Funnelweb v5 (such as an earlier version of Funnelweb, or TI Writer) then select items 1 or 2 from this menu.

Items 3 and 4 from the above menu do some fancy stuff (more about this later), but produce disk files that can only be read and displayed on screen properly with Funnelweb v5.

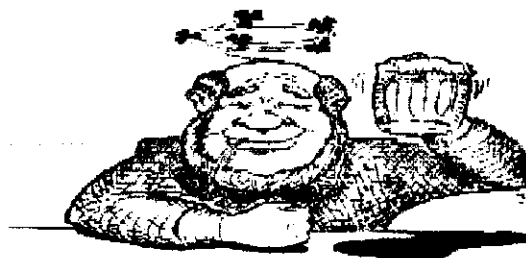
After you chose one of these options, you are given the following choice of languages, comparable to what is suggested by the TI Writer module:

1. Australia---My 40 column beta test editor lists this as "default". This is the one USA English users would choose. It uses character sets C1 or C2, the same character sets used by the rest of Funnelweb. This is the only option that does not load in additional character and

command sets from disk.

2. British---Choosing this loads in a separate character set that redefines SHIFT/3 as the British pound sterling symbol. In all other respects "2. British" is the same as "1. Australia".

3. France
4. Deutschland
5. Italia
6. Sverge
7. Nederland
8. Espania



Choosing a non English language loads in foreign language character sets that redefine little used keyboard characters such as FCTN/A, FCTN/F, FCTN/W, etc as appropriate foreign characters. Most of these foreign characters are vowels with accent symbols over them such as umlaut, grave, acute, or circumflex. These character sets and

their ASCII values correspond to some of the international character sets 1-9 found on most modern printers. This means that if you send the a control code to set your printer for the appropriate foreign character set then the foreign characters you see on screen will be printed properly. From the editor the Epson compatible printer key sequence with no spaces between keypresses is CTRL/U FCTN/R CTRL/U R CTRL/U SHIFT/A thru I CTRL/U where A-I specify the particular character set (1-9) desired. For Genimi 10X and SG10 printers substitute 7 for R in the above key sequence.

Non-English languages also load appropriate

foreign text into the command line and change the command abbreviations to reflect the foreign language. For example, in French "Imprimer Fichier" means Print File, and you use the command IF, not PF, to print stuff. The Swedish version has "Lagra Filer" for Save File. The command LF in the Swedish text editor will save (not load) a file. This can be disastrous for English speakers who don't know Swedish.

Not all the foreign commands and command line text are finished. English, German, and Swedish are complete. French and Dutch are almost complete. Spanish hasn't been started. Sample source code and a utility that creates foreign commands and command line text are included for those interested in expanding Funnelweb v5's multilingual capabilities.

EURO-WRITER: -

In Europe, TI released a multilingual version of TI Writer (TIW v2) with some special features. By selecting EURO-WRITER from the powerup menus, the Funnelweb v5 editor provides all the features of the TI Writer v2 editor; specifically an intuitive way of adding accent marks to vowels.

When in Funnelweb's EuroWriter mode you have access to the foreign character set of the language you select from the powerup menus, and these character sets include some, but not all, accented vowels. But there is another intuitive way to create accented vowels that lets you put ANY ACCENT over ANY VOUL. Type a vowel, either upper or lower case. Then

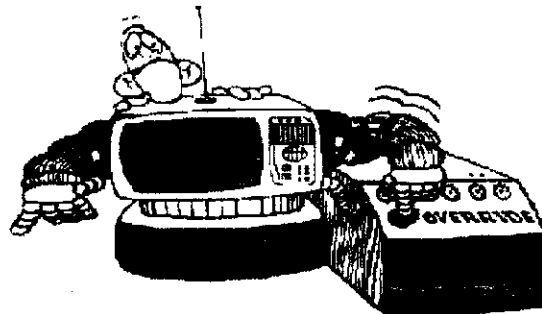
backspace to put the cursor back over the vowel, type any of four FCTN/key or CTRL/key combinations, and an umlaut grave acute or circumflex mark will appear on screen over the vowel! The only problem is that these vowel/backspace/accent screen displays are coded with high ASCII numbers above 127 and don't normally print properly. You need to print text files with these accented vowels using the European formatter (also multilingual), the formatter that TI included with TI Writer v2. You need to use special transliteration files that

redefine ASCII codes greater than 127 as accented vowels. This formatter with its auxiliary language and transliteration files is not part of the Funnelweb v5 editor package, but the files can be obtained by anyone from the Lima user group. Unfortunately, the European formatter REQUIRES use of the TI Writer module. It hasn't yet been modified

to run easily out of the Funnelweb environment using something other than the TIW module to boot Funnelweb. Also, transliterations to print some of the accented vowels are less than ideal. Accented vowels you see clearly on screen with Funnelweb's Eurowriter mode may look strange when printed.

ALL CHARS MODE: -----

Our 99/4As normally can directly type ASCII 0-127 with ASCII characters below 32 accessed from CTRL/U "special character mode". But our 8 bit computer is capable of generating codes 0-255. When high ASCII codes <127 are sent to a printer during text printing the printer will print graphic symbols.



A common standard for these high ASCII graphics is the IBM character set #2 found on most printers. High ASCII codes sent to a printer with IBM graphics #2 enabled print line shapes somewhat comparable to the "lines" font of Page Pro that prints those neat borders and page dividing lines. Check your printer's manual to see what these graphics look like. [SPECIAL NOTE FOR STAR SG10 PRINTER OWNERS: There is an undocumented software method of switching from STAR mode to the IBM character set #2. You don't need to use a dip switch. The code with no spaces between keypresses is CTRL/U FCTN/R CTRL/U w CTRL/U SHIFT/A CTRL/U. To switch from IBM set #2 back to STAR mode use this code: CTRL/U FCTN/R CTRL/U w CTRL/U SHIFT/2 CTRL/U. The w in these codes is lower case.

Selecting All Chars mode with the Funnelweb v5 editor allows you to directly type on screen and print to the printer ASCII 0-254 of the IBM character set #2. This includes all the normal upper and lower case letters numbers and keyboard symbols, plus the graphic symbols coded by high ASCII numbers. To type the graphic symbols type CTRL/, (control and comma simultaneously) and then each keypress will produce a graphic symbol. To return to the keyboard normal letters type CTRL/, again. Normal letters and graphic symbols remain on screen as you use CTRL/, to toggle the keyboard back and forth between graphics and normal. Graphics and text print normally using

PF (PrintFile). You don't need a formatter to print these graphic symbols.

SOME OF THE OTHER NEW FEATURES:

You can move text up and down from within the command line. This is very handy for M(ove lines), D(elete lines), and C(opy lines) operations. You don't have to remember line numbers. Go to the command line and type M, D, or C. Then use the arrow or up/down screen keys to display the first line number and last line number so that you will enter the proper numbers to M, D, or C.

--From the various fixed modes with an open box cursor (Program editor or WP with word wrap off) you can break lines at the cursor, insert text, then rejoin with the next text line. This means you can insert text into the middle of a paragraph from a fixed mode without losing existing text off the end of the right margin, something no other version of TI Writer will allow.

--Typing a number in a blank command line followed by <enter> will put that line at the top of the screen and return to edit mode (S before line number not necessary). <Enter> from a blank command line returns to edit mode (E prior to <enter> not necessary).

--You can freeze the display beginning with the line below the cursor while continuing to scroll, window, and edit from the cursor line to the top of the screen. This means you can simultaneously display two parts of the edit



buffer with full editing capabilities for one of these displayed parts.

--You can put a bookmark (mark the text) at any line number from either command mode or edit mode. Later you can put the cursor on this text with FCTN/= even if the text has been edited since marking.

--You can display the contents of any hard drive path from the command line similar to doing a SD. Enter "HD" from the command line, then type a path name and press enter. The resulting display of that directory's file names resembles the SD display, and you can mark DV80 files for loading into the editor. This should be great for hard drive users who have trouble cataloging their hard drives with existing software.

--From SD or HD two different files can be marked, the regular and "temporary" file. These can be loaded into the editor with LF (regular) and LT (loads the "temporary" file).

--A user definable wild card character can be used the string searches with FS and RS.

--The SD display shows the number of bytes remaining in the edit buffer.

--When you load, print, or save files an incrementing number in the upper right of the screen shows the current line being loaded into or out of memory.

CONFIGURING THE EDITOR --

WHICH v5 EDITOR FILES ARE REQUIRED? -----

Just the 80 column editor, without other parts of Funnelweb, comes on an almost full unarchived DSSD. There are lots of files, mostly foreign char sets and command line text. This disk as distributed by the Lima User Group has DSKU comments added by me to each of the files. These comments should aid in figuring out the purpose of each v5 editor file.

If you want only word processing in English

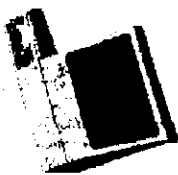
then put ED, EE, and HELPOO 10 20 and 30 on your Funnelweb v4.4 working disk or directory. If you want to play around with All Chars graphics add file CHAR1 to this list.

You should use INSTALL/ED and a modified CONFIG/ED to configure the Print File "P" and "Q" printer codes into your ED file, but these two files don't have to be kept on the Funnelweb work disk. Funnelweb's v5 editor can be configured with CONFIG/ED to immediately boot to any of the available languages, or to boot to the powerup menu selections.

No matter how the editor is configured, if you hold down the space bar as the editor boots you will get the powerup menu selections.

If you want use the full multilingual capabilities of the v5 editor then you need all the CHARxx and F8TXxx files on your Funnelweb work disk.





FESTWEST "NORTH"

A UTAH EXPERIENCE

Those that made the trek to Salt Lake City, Utah had an enjoyable time, while those that didn't, missed out on a worthwhile weekend. Well located in downtown Salt Lake City at the Howard Johnson Hotel, attendees found it easy to get around the Salt Lake Valley and the ski resorts. Hospitality started early in the week at Cedar City, Utah for those travelling north to Salt Lake City. Regina was very pleased with those who stopped by her place for a brief encounter of southern Utah. This FestWest was hosted by the Ogden TI-99/4A Users Group and the Salt Lake Valley users Group (SLAVES). On Friday, 12 February, the vendors started setting up for the weekend festival. The FestWest Committee believes that even though the attendance was lower than anticipated, it was a successful Fest. Also, the national weather news reports were supporting our skiing which may have discouraged a few potential visitors from trying a go at Utah in February. After a few introductions and the unloading of several vehicles, the festival sales room started filling up with computer equipment and vendors from across the United States. Co-Chairpersons Mel Bragg and Dave DeHeer explained to the vendors some of the rules of the fest and that there would be a vendors' meeting at 6 PM. The FestWest Committee tried to encourage early vendor and attendee registration this year. And the Southwest 99ers were there to help register those not pre-registering. The hospitality room was located off the Hotel main lobby. There were TI computers set up for children and adults alike to use for games and pleasure. Food service was provided here also, by hostess JoAnn Bragg. This was a busy place with so many stopping by to rest and snack and visit throughout the weekend. Later Friday evening, times and subjects for the weekend seminars were determined and posted to the bulletin board. Then all was ready for the opening of FestWest on Saturday morning. There was only one new product announced at this FestWest and that was the "Watchamacalit",

developed and produced by the Ogden TI Users Group. It is an add-on product for the Myarc HFDC users whose clock does not keep accurate time. This product has battery back up, and once set, keeps time on the HFDC for the time dating of files or programs on a hard disk. This "brainchild" of Dave DeHeer is extremely accurate and fully adjustable. Many other demonstrations were given in the sales area and a complete series of seminars are summarized in the following.

Seminars were given throughout both days of the FEST WEST. The first of these was by Del Wright (D. Wright Stuff) on "Practical Modifications to the PE Box". The first and easiest is to add foam strips between the cards to improve cooling air flow through them. He demonstrated the tear down of the PE Box and the replacement of the power supply with a 200 watt unit. Also, since regulated power is provided to all boards, specific regulator chips on the boards must be shunted. He provides this information with his replacement power supplies. His use of a power screw driver really speeds up the disassemble and reassembly of the PE Box. Del also presented good information on the disk drives in use with the TI. The next Saturday seminar was by Ted Kieper (Competition Computers) on printers. He described the various types and it was obvious he really knows the printer business. He answered all the questions from the floor for any and all machines. He described the method of operation of all units, 9-pin, 24-pin, thermal, Ink jet, and Laser. The advantages and disadvantages of each were discussed, along with reliability and repairability. He gave us the straight word on the best for various applications. His talk also covered the user main-



tenance to assure long and reliable operation. This was an education from a knowledgeable professional. The first after lunch seminar was by Don Shorock demonstrating an informational program he has developed for the Boy Scout program. His use of Sprites and clever screen placement of questions and answers shows not only his ability in programming educational materials, but also a love of the Scouting program. He has designed this system so that it is completely usable by any passer-by at the Scout Museum. It asks questions and the user provides answers that are accepted or corrected. He has designed it so that the TI is totally enclosed and only a Joy Stick is required outside for the user to communicate with the system.



He also gave a comprehensive briefing on the several bulletins he publishes for many organizations. He develops the art work and graphics with Picasso, TI Artist, and Graphix, then uses Page Pro to put it all together.

The next seminar was presented by Ken Gilliland (NOTUNG Software). His research to produce programs such as "Disk of the West", "Disk of the Ancient Ones" and "Helmets" prove him to be a frustrated archaeologist as

he stated. His research has produced extremely accurate views of ancient history in the displays on these games. While his seminar was short, it was excitingly interesting and provided an insight into the extra effort it takes to produce an outstanding software product. He had many visitors at his booth as a result of this briefing. The next seminar was by Rich Gilbertson (CADD Electronics). His subject was the new and improved Extended BASIC. He has increased line and interactive capacity.

He demonstrated many areas where time requirements are greatly reduced. The only requirement that would be a hindrance to some potential users, is that a GRAM device is needed to make it work. But it does show that the old TI is still more capable than any of us realize. Improved software and programs are continually being developed. Bob Webb presented his seminar on "Easy Assembly". This was directed towards beginners and accomplished programmers alike. His book provides an understandable expansion of the TI TMS



9900 Chip. He explained the TI approach that provides operational speeds over the IBM. He uses EA Edit program to write in Assembly and this is well explained in his book. His presentation made it obvious that his relating of the Assembly language to BASIC is reasonable as there are similarities. His was a short presentation, but very active and meaningful. He invited all to stop at his booth and learn even more. And they did. The last seminar for Saturday was by the second half of the Shorock team, Tom Shorock. This 13 year old had been studying and using c99 for a month

and demonstrated a c99 program running against an extended BASIC program. His test routine for both was a KENO game program running a 10 Spot randomly selected card. The c99 program ran 100 game iterations

while the Extended Basic ran 3. The great speed difference was unbelievable, except that we were witnesses to it. He uses the EA cartridge for this program. He gave several recommendations of reference books that had helped him in his rapid learning of the language. He pointed out that it requires learning of new coding for various statements and commands. He passed around examples of



identical programs in each of the these languages. c99 is rather compact and does so much more. Demo disk were available for use at User Group meetings. Sunday seminars started with Jack Mathis of the SW 99ers on his new DM 1000, Version 6.1. This is the update by Jack and Ralph Romans. He pointed out that he has the full support of the Ottawa Group in this effort and continually advises that group of improvements and progress. Jack gave us a very comprehensive explanation of everything on the screen display. The demonstration proved the much higher speed and the extra features now available. His explanation of all header information was given in great detail and they have added much more information right where users need it. Again, we were given a most knowledgeable and professional presentation. Beery Miller (9640 News) was next and his subject was the Geneve and it's supporting software. While this specialized machine is in shorter supply than the innumerable TIs about the world, the knowledge of the owners tend to be much higher to need and use this machine. Therefore, Beery took the approach of sitting down with this advanced group of Tiers and chaired a roundtable type of discussion. This approach was well received by the attendees. It was a most open, informal and informative discussion. Regena (Cheryl White-law) was the first after lunch presenter. She gave a small bit of her TI BASIC programming history with a series of programs she had developed up through "Lazy 8s", which was published in the January MicroPendum. These were developed for her 7 year old. As always, her presentation is so personal and direct to her many friends in attendance. Then she ran a video of her many music programs. Her discussion contained many examples of the practical use of TI BASIC to solve real problems in her family's life. One example was their need for her husband to determine the best watering plan for several fields he was to irrigate. (You don't waste water in southern Utah). The final seminar was given by Berry

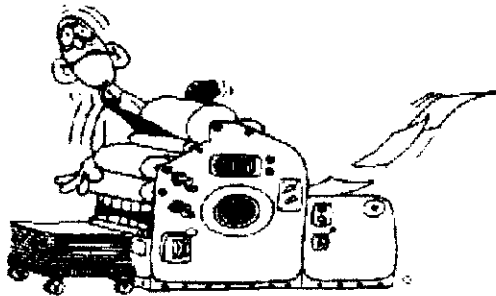
Harmsen from the Netherlands. His subject was to inform us of the activities and accomplishments of the TI User Groups in Europe. He identified all the groups and their membership throughout Europe. Europe has many experimenters working on hardware improvements and, of course, software, such as their Compression and Decompression program for reducing assembly programs. It saves one third. He demonstrated a demo disk he had brought from Holland and I am sure that all copies were gone by the end of the day. This was a well attended and appreciated presentation. Berry has many, many US friends now, if not from before.



Throughout Saturday and Sunday, hourly drawings were held with prizes distributed from the donations of both local computer dealers and the various attending Vendors. Many of the drawings were for multiple items. These were too numerous to list here. The Grand Prizes were two Horizon Mouse units donated by Bud Mills with Mouse Pads from Software Plus of Ogden, Utah, two new Canon office calculators and a Kyocera 2010 Laser printer with spare drum and toner, donated by the Associated Business Products of Utah. The Mouse and Pads were won by D. Turner of Portland, Oregon and Ken Gilliland of Tujunga, California. The Calculators went to Joe Masarone of Salt Lake City and Cal Zanella of Bozeman, California. The Laser Printer was won by Frank Aylstock of Yorba Linda, California. These were five very pleased individuals. All too soon on Sunday afternoon the Fest was over, vendors and



participants were packing up to leave and friends were saying goodbye. And as is usual during these final minutes, more sales and bargaining were still being enjoyed. But within two hours the sales, demonstration and Hospitality areas were cleared and a final meeting was held between the Fest West "North" '93 committee and the Southwest 99ers who will be the hosts of the Fest West '94. So plan now to attend Fest West '94 in Tucson, Arizona. It will be bigger and better than ever.



WHEWW! Glad I finished my Newsletter..

TIPS TO REMEMBER

by Gene BoHot

[The following comes from the ROM January 92 Newsletter.]

1. DO NOT try to copy floppy disks on a xerox Copy Machine.
2. DO NOT buy a bigger monitor to get 80 columns in TI-Writer.
3. DO NOT use a 3.5" disk in your floppy drive to copy short programs.
4. DO NOT use a 2-pound mallet; When the prompt says "Hit Any Key".
5. DO NOT spray 4RAID 5 in the console to

de-bug a program.

6. When swearing at the computer, speak directly into the Speech Synthesizer from no more than 6 inches.
7. 45 RPM records have to be trimmed to fit the floppy drive. It is best to have this done by a professional.
8. DO NOT use a poetry book to find corrections for "syntax error".
9. DO NOT try to fix a BREAK in a program with Super Glue.
10. DO NOT use a rubber eraser to erase a program on the disk.
11. DO NOT tell a child that pushing the joystick harder will speed up the Sprite.
12. DO NOT plug the 99/4A into 220 volts to get a more powerful computer.
13. DO NOT use colored disks with a black-and-white monitor to give a color display.
14. DO NOT soak your printer ribbons in assorted household products to try to extend their life.
15. DO NOT try to run a disk label through the printer after it is affixed to the disk.
16. DO NOT try to convince a Computer-Illiterate how useful a computer is. It wastes your time and annoys the CI.
17. When all else fails-Read the Docs.
18. DO NOT cut or fold a floppy disk to send it through the mail in a regular envelope.
19. Fairware is not an illegal pyramid scheme: send them the money requested.
20. The gods of Software may be appeased by regular contributions to your local newsletter. Burnt offerings of faulty printouts are not acceptable.



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MARCH 1993 NEWSLETTER

TI SLAVES

OUR NEXT MEETING IS MAR. 20TH. 1993 AT
9:AM

WE MEET AT THE DISABLED AMERICAN
VETERANS HALL AT 273 E. 800 SO. PLEASE BE
THERE PROMPTLY.!!

OGDEN TI USERS GROUP

OUR NEXT MEETING IS MAR. 6TH AT 9 AM AND MA.
15TH AT 7 PM. WE MEET AT THE OGDEN MUNICIPA
AIRPORT IN THE FIRST BUILDING JUST EAST OF TH
NEW TOWER.

SLAVES AND OTIUG
1396 LINCOLN APT.B
OGDEN, UTAH 84404

