



OSHTI
99/4A
COMPUTER
USERS GROUP



APRIL
1993

OSHTI



Missed but
not Forgot



On sad note was the death of Mary Pat Lafontaine, wife of Guy Lafontaine. I reported in the last newsletter that she was gravely ill; she passed away quickly on Mar. 13th. Our best regards go out to Guy and children, Justin (19), Kathleen (17) and Andrew (13). Mary Pat will be missed but not forgot. Funeral mass was held at Holy Family in Whitby with burial at Resurrection cemetery. Donations to the Canadian Cancer Society would be appreciated.

LAST MEETING of OSHTI:

The March OSHTI meeting was a little latter than usual because of the MARCH school break. This gave me a break. The snow managed to hang around, and we got more added too. The cross-country skiing was good and we got some final minute skating on the pond. On Mar. 12th, I measured the ice thickness to be 51 cm (20"). This is quite a bit to be sure.

It is now Mar. 28th and the Spring thaw has been in evidence for about a week now. The creek is running so high that it sounds like Niagara Falls! This is always a scary time of year in the 'valley' since we must be careful not to allow children near creeks. Although my creek is normally only about 3 metres (10') across by 30 cm (12") deep, it has swollen to twice the width and 4 times the depth. The pond is still frozen enough at this date and I walked across it today; since the truck has been old there is no worry about it going through any more, grin (:

I tried to attend the 10th anniversary Kawartha meeting on March 10th but the weather was incredibly uncooperative. It snowed and was so windy and cold that the roads became skating boards. I got to Bowmanville and decided that was enough. On the way back I slid through a stop sign and thanked God no one was going the other way. At one point, people were going backwards trying to make turns that they had missed. When I got home I phoned Glen Daniels with my apologies. Maybe they rescheduled their anniversary meeting... ? P.S. Sorry Glen, I ate all of the donuts that I had brought.

As luck would have it, the OSHTI meeting was held on a beautiful Spring day. Doug reported that two tables were purchased for the clubs use at the Pickering Ham Fleamarket April 3rd. Three tickets were also purchased for those who will 'person' the tables. Doug, Tom and Bob will be there and probably Keith. We'll let you know what bargoons that we picked up later.

Tom reported on the SALE by TEXAMENTS of their software. There are some really good bargoons here. Most of the software is at a very good price. The flyer was handed out to those attending the meeting. Ed's is still on the floor near his chair, so I will keep it for safe keeping.

Although there was no D.O.M. made prior to the meeting, we managed to put one together during the meeting. This contained the NEWER version of the Faire-Ware program BOOT from the Miami User Group. Originally this was called the John Johnson MENU programme and it has some new features that most users will like. It has a toggle for the 80 column card user and the ability to load in other MENU selections. The cataloging is scrolled up the screen and can be paged up and down using the F4(down) and F6(you guessed it, up) keys. There is also a HELP screen (F7) from the main menu. It can also View multiple files one after the other, or delete them too!

A demonstration of the NEW FULL ASCII characters that can be accessed from Funnelweb 5.0 80 column version was

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done using the screen and printer. You can use the CTRL', key to toggle the IBM graphics 2 characters off and on. The printer must be switched (by its dip switches) to IBM mode. This is DIP switch 6 on the Star NI-1000. A little work is need using your manual to figure out which key is which. Building a box for data is no very logical. If you have FORM SHOP from Comproline then you won't find much new except for the easu of use and the extra designs.

On thing that you should be aware of is that some TI programmes (especially graphics ones) will act up if you keep the printer in the IBM 2 mode. I reported last month that this was NOT the case, but I had problems.

Tom demonstrated a programme which places TITLES on the screen for use with a OCR. It is a nice programme and although it appears to be simple, it can do some nice things. This was placed on the MARCH OSHTI disk as well.

The remaining programmes on the MARCH OSHTI disk will have to be discovered. One is a MORTGAGE and LOAN calculator and the others should do columnized print-outs.

It was decided to change the April OSHTI meeting to a THURSDAY (April 22). One of the reasons for this was to see if we could get Gary Bowser down for a demonstration of his current OPA stuff. Recently I was at OPA and talked with Gary. He has finally gotten the last bugs out of the POP CART. There was serious incompatibility between different software programmes, most notably TI MULTIPLAN. This is now finalized and shipping has begun. I already saw that Steven Andrews from the North Bay club has finally received his. It's too bad we didn't know of these problems before.

Gary also had an AMS (Asgard Memory System) 128K working in his system. He pulled it out and showed it to me. It is nice and compact; no clam shell. He says that it works fine and that there is a programme that allows you to load various programmes into it (up to 5) and run them one from the other without having to reload them. Unfortunately there is still limited software out for it. The way Gary spoke about the card sounded very promising. Maybe we should be ordering these before a rush developes with new software? I hope people like Tony McGovern has been sent a complementary one; he's the kind of guy that could make it fly, Chris.

More used software was sold at the meeting. The remainder will be sold at the Fleamarket if we can fine buyers. Also, we will be collecting names of people who want to sell their TI stuff. Maybe some will donate their equipment to the club.

If you think that TI 99/4A is obsolete, then read the letter that I have taken from the March MICROpendium magazine. It is good food for thought.

Also I might add that it is MUCH easier to type in text files from the TI and then send them over to the IBM. Today, I typed a simple quiz for my students using WORD PERFECT 5.1. To repeatedly copy a single line is a real hassle. It is much easier to do on the TI using Funnelweb for example. As I say, you can learn all or most of what you really NEED to know about word processing on the TI.

DOES ANYONE HAVE THE PROBLEM WITH THE RAVE KEYBOARD THAT I HAVE? LETTERS ARE DRPPD (dropped). DRP ME a LNE.
See ya all at the next OSHTI meeting.



BASIC COLLATION

Some times I would like to have every-thing in one place so I collated all of the OSHTI newsletter articles by SUBJECT rather than by newsletter. Thus you could have ALL of the ARTICLES on TI BASIC PROGRAMMING put together in one spot. Or you could have all of the articles on WORDPROCESSING or on DATABASES. Would you like it? If you were a newsletter editor you would!

I have started the collation and have the first file done. It is 95 sectors of D/V 80 articles on programming the TI. It has some simple stuff and more complex articles. All of the articles are fairly easy. I have also included the RUNNABLE programmes with separate names for those who don't want to type in the programmes.

Since these are all 99% original articles you won't have to worry about duplicating ones that have already published. Our club hopes to distribute these one disk for a nominal charge.. say \$3 (mailing and all the handling we can give it).

Send your request to OSHTI via the address on the back of the newsletter.

If you have The Missing Link (TML) indicate such and I will throw in some programmes for it.

The 10 COMMANDMENTS for FLOPPY DISKS:



This comes to our newsletter via SW99er's original ally from OZARK 99er's Jan. 1993.

1. Thou shalt use disks in the format specified for your computer and no others.
2. Thou shalt label all thy diskettes and write on them only with a felt-tip pen.
3. Thou shalt not expose thy floppy disks to magnetic fields, excessive heat, moisture or other forms of torture and abuse.
4. Thou shalt not touch the exposed areas of thy floppy disk.
5. Thou shalt remember to press the RETURN (ENTER) key after issuing a command to the computer.

(CONTINUED ON PAGE 7).....



USING the FORMATTER LEARNING HOW TO USE IT! LESSON 1:

Most users of FUNNELWEB or TI-WRITER are familiar with the EDITOR. This is the programme in which we TYPE in our text. This is what I am doing at this very moment. Typing in text for the newsletter.

Most of the users of the above programmes will then PRINT this out using the command line and Printfile or PF. This has certain advantages with the main one being WhatYouSeeIsWhatYouGet: WYSIWYG. In other words, the WORDS and PARAGRAPHS appear as they do on the screen. If you have the standard 40-column editor then this can be a problem in that we have to window over unit F5. A lot of us will be typing things in 40 columns to avoid this windowing problem. This means that your print out will be only 40 characters wide.

There is one thing that we can do to change the print out on the printer, but not necessarily on the screen. The answer is to use ANOTHER PROGRAMME to print out our text. These programmes are called FORMATTERS. TI-Writer and Funnelweb have formatters already available, but most of us do NOT USE them because it requires MORE EFFORT to understand how they work.

For the next few months, I will attempt to ease you into TRYING the FORMATTER out so that you can see the HUGE BENEFITS that it offers. Of course, you may find that the TI-Writer book is great to follow as I do this.

Let's Break the FORMATTER Down into simpler parts; after all there are a lot of different format commands.

- > MARGINS: Left, Right, Top and Bottom, Page Length,
- > UNDERLINING and DOUBLE STRIKE, REQUIRED SPACE
- > JUSTIFICATION and FILL
- > Headers and Footers and Page number, Begin Page, Page Length
- > INdent, Line Spacing, Spacing, Centering
- > SPECIAL:
 - Comments Transliterate
 - Include Files
 - Mailing List
 - Define Prompt
 - Alternate input

Before we get too involved lets see what the FORMATTER looks like and acts like.

To start let's type something!

The topic for today is simple: "WHAT I USE THE COMPUTER FOR". Go to the EDITOR of FUNNELWEB or TI-WRITER and start

to type using the above topic, or something else. Just type as much as you want for now. A paragraph or two will do. I'll wait here while you do it.

Ok, now that you've got a paragraph. Save this to a disk. Use SF (SaveFile) and save it to one of your drives.

Now, that it is saved let's Quit the editor and return to the main screen of Funnelweb. Now choose 3 for the FORMATTER.

When you do, you will be prompted with the INPUT FILE NAME that you just saved. Press enter or return and move to the next prompt.

ENTER PRINT DEVICENAME: this will usually be PIO.LF for parallel printers or RS232. etc for serial ones. Press enter to accept this. By the way, you can change the output to a DSKX.FILENAME so that you don't use any paper. However, most of us will print to a PRINTER.

The next prompt is for MAILING LIST: N is for NO.

WHAT PAGE(S) ? is the next prompt. <A> for all is the usual. You can print ANY page that you wish or any combination of pages. This is very versatile.

NUMBER of COPIES : 1 is the usual prompt.

Lastly is the prompt PAUSE AT END OF PAGE ? <N>

Most of use want the printout to print all pages and NOT STOP.

After this last prompt, your entire document (1 paragraph will be printed).

You will notice that there are a few things different than printing from the Editor.

> there are 3 LINE FEEDS before your first line is printed.

> there is a FORM FEED after your last line.

> the length of each page is 60 printed lines with 3 lines blank at the top and 3 blank ones at the bottom. These are the default settings ones. Everything else should look like your original (Editor screen)!

So you are asking yourself, WHAT'S the BIG DEAL ?

For one thing, you see that you can print several copies of your document and NOT the ONE that you do when you use PF.

Another thing that the formatter allows you to do is to print your document so that it actually prints on ONE PAGE AT A TIME, and not over the perforations. This is important for those of us that what to photocopy the results.

These are the simplest things we can do with the FORMATTER, next time we will look at MARGINS.

Your homework, is to PLAY around with the formatter using a one page and a two or multiple page document. See how it works. If you have the TI-WRITER documentation, you

might want to try printing only certain ranges of pages in a document.

By the way, F4 will STOP printing from the formatter and follow this with F9 to get you out of it altogether.

Bye for now:
Tom



Well, no sooner than you can you write about the thickness of the ice on my pond, than you have to write that it has all disappeared (as of April 12). This is about 12 days later than usual.

People have been asking me to make some predictions about this summer's weather. Well here goes.

It won't be as rainy as last year nor as cool. As far as I can see, it will be a typical summer with no major heat waves nor any perpetual rainy season like last year.

So, let's see how my score lines up in the Fall. Last summer's predictions (cool and rainy) came true and the cold and snowy winter also proved to be correct. Only time will tell.

Stay tuned for the winter report in about 5 months.

Oh yes, don't forget to plant your tomatoes and perennials no sooner than May 24th... early frosts will prove fatal.

Tom



GOFER vsn 1.1
(improved but
be careful!)

I just received my update version (1.1) of GOFER by Dan Gaszy (available through Asgard). This programme was designed to add some nice utility programmes to the PAGE PRO environment.

For example, there is a module that converts TI-Artist instances into Page Pro pics; and one that does the reverse. There is also a FAST COLONIZER and a module to convert D080 files to DF128 (IBM) files; and vice versa. There are a number of other utilities included. However, the version that I had (1.01) would NOT make use of the HORIZON RAM disk with ROS 8.13 or 8.14. The latest version of GOFER will make use of the Horizon RAM disks as well as HARD DRIVES. However, I inadvertently tried to access WDS1 when I didn't have one. It completely destroyed my Horizon Ram disk files on my second HRD.

Fortunately most of the files were saved to floppy, but several were lost.

So if you have a hankering for using the CATALOG module in the GOFER environment, then DON'T try to access a HARD DRIVE unless you actually have one...especially if you only have the NYARC FDC.

Tom



HAM FLEAMARKET REPORT



OSHTI again attended the Pickering Ham Operators Fleamarket. As has been the case in most years, the weather was MISERABLE. It had snowed and freezing rained the night before, so the roads were treacherous. For April it was not nice.

Doug, Bob and I set up before 9 and then tried to get some bargains before the hoards arrived.

It seemed that there again was a dwindling number of vendors and of people willing to spend money. However, there were some notable exceptions. Dick Blosdale and Glen Daniels came down from Peterboro (Kawartha 99ers) to spend some moola. I think Dick ended up spending Glen's money for him. Dick tried to buy every hard drive in the entire place. He was able to corral a fair number of them at last count.

Doug and I bought some MFM 20 Meg hard drives to add to our TI systems. Of course, I still need a hard drive disk controller before mine will work. Does any one have a NYARC HDPC for SALE out there ???

As mentioned earlier, I bought two slim-line 5.25" drives that won't work on the TI... but work on an IBM.

I also bought some diskettes, \$2 for 10. Well, wouldn't you know it, they don't format without many errors. The one that did, messed up after a file was written to it. So, BUYER BEWARE!

The day passed quickly. We had a few interested people come by who have a TI. We will be sending them info and newsletters for the next few months. Interestingly enough, this year we didn't have people wanting to sell us their TI stuff.

Well, none of us won any prizes again but it was an enjoyable day.

As usual, we stopped off at a local watering hole for a cold one before heading home.

Tom



DISK DRIVES that DON'T
(on a TI that is)

Here are some IBM compatible Disk drives that DO NOT WORK on the TI system.

- > TEAC PQ51 or 9417
- > NEWTRONICS D503V

I bought them second hand of \$10 thinking that if they work on an IBM then they would work on a TI. Well, such was not the case.

This is strange since an IBM drive works just fine on a TI.

If you can help solve the problem, then drop me a line.

Tom



An EDUCATED GUESS

"WHAT MAKES EDUCATION GO !"

The following is my own view and not necessarily those of the OSHII group.

In a lot of newsletters, I have read some scary stuff about the state of the education system in the USA as seen through the eyes of one educator in the front line trenches. I cannot verify any of the statements of the writer but what the author says is pretty scary stuff. The overall articles seem to be saying that the education of children in the USA is being taken out of the hands of those who do it best... the teachers.

The 'GENERALS' (administrators) seem to be laying more and more on the 'SARGENTS' (teachers) who deal with the 'TROOPS' (students) without the common sense of asking them how the 'men are doing'. We call this TOP DOWN PROGRAMING in computer terms.

The pessimistic point of view is shared by a lot of teachers, but I hope that they do NOT take this view to heart. Teachers, and I am one of them, must remain optimistic in the face of all that is flying around in education today. For example, the writer of the USA articles raves about the use of WHOLE LANGUAGE as a way of teaching in the elementary school and even into high school. Well, we have had this here for some time. Now we are getting complaints from some groups that this method is wrong. So what should the teacher do? The answer is usually what happens... that is, what the teacher thinks is best. I know this requires some thought but that is where the teachers have their expertise. They are in the trench and they know what to do when the trench becomes mired in water (bureaucratic red tape). Get a pair of scissors! Teachers, for the most part are as educated as any administrator is when it comes to knowing how to survive in the trench, probably moreso. The teacher will ultimately do what they think is BEST considering the children who are in their care.

Children have changed in the 25 years that I have been at this 'game'. So the rules have changed. The strap, sarcasm and other distasteful disciplinary tools have gone. Kids are more aware of themselves and of the world. We as teachers must adapt as well... otherwise we perish.

In Ontario today, teachers of grades 7,8 and 9 are faced with the issue of DESTREAMING. This means that all children, no matter the ability level, will be starting high school in the same class and be offered the same programme. I know, you are saying, this is the way it was when I entered high school 30 years ago; and you are right. Did you expect things to change?

So what's the big deal. Well for some time now, since the early sixties, students at the high school level have been STREAMED. In the 60's they were streamed into Arts

and Sciences, Business and Commerce or Science and Technical courses. In the 70's this changed to individualized timetables with different ability levels: enriched, advanced, general, and basic. As I said, a lot of teachers and their federations have sought explanations from the gurus on high (Ministry of Education) for explanations as to why to change and for what sound reasons. These reasons and the research that they should have, have NOT been forthcoming. This has lead to a lot of uneasiness since we are to implement the new course destreamed courses this September.

At first, I could only see the PROBLEMS that this system would bring. Now, I see that there will be BENEFITS. It's not that I think that this system is better, but rather that we must offer the students something in September and it had better be our best effort.

From my perspective, there has been educational changes made over the 25 years that I have been there and there will always be changes. But it seems that the more you see these changes, the more you realize that they have been TRIED BEFORE. Yes, the pendulum swings, albeit very slowly. If we haven't got education RIGHT in 2000 years, then who are we to say what is right or wrong.

When you close that door on your class, I hope that the teacher will continue, as always, to open the minds of their students. I am confident that this will happen in most cases.

Tom.



LARGE PROFITS in LARGE PROGRAMS...

-software WINDOWfall

Sometimes we don't know how lucky we are using the TI99/4A computer. After all, we don't have to worry about the cost of computing compared to an IBM or MAC system. What is worse is the fact that the costs of these systems goes up and their computers become obsolete almost overnight. These users must spend big bucks on new software or just on the upgrades to their operating systems. If you want to know why Bill Gates is a BILLIONAIRE, then read on.

This article, entitled "STORES THANKFUL WINDOWS SELLS" appeared in the APRIL 93 TORONTO COMPUTES, a monthly computer newspaper available FREE in our area of Ontario.

"Software and hardware upgrades driven by corporate market bias in the software industry have been a boon for computer retailers who sell faster and more expensive systems. Dennis Meharchand, president of CHOICE 2000, estimates that 80 percent of his sales are generated because of WINDOWS 3.x.

If Windows and OS/2 hadn't have come along, many of Meharchand's clients would still be using 80286 class PCs. Without System 7 for the Mac, a lot of new applications could still be run on the original Mac.

If we were in pre-Windows 3.0 environment there would be a lot more computer stores closed today. Every store

should have a statue built of Bill Gates (CEO of Microsoft) in it, says Meharchand. He and most computer retailers have reason to be thankful to Gates. Meharchand estimates that his customers spend an extra \$250 to \$650 equipping their systems to run Windows 3.1. His OS/2 customers spend an extra \$350 to \$1150 on their systems. Windows 3.1 requires 6 to 10 (MB) MegaBytes of hard disk space and 4 MB of RAM (random access memory) to run properly. OS/2 likes to see 14 MB of RAM and it claims up to 35 MB of disk space.

Mac's System 7 has a modest appetite for RAM and disk space compared to Windows and OS/2. You can run System 7 with 2.5 MB of RAM, although it runs out of RAM pretty quickly...

The upshot for home users is that most of us cough up more than \$2000 for a system, even though hardware prices have fallen dramatically in the past 5 years. If today's software were designed to run on a Mac and/or an IBM compatible 80286 with 2 MB, we could get away with paying less than \$1000 for our systems."

Here are some further quotes by the same author with the title: "SOFTWARE EXTRAS FORCED ON BUYERS".

"Corporations don't mind paying for extras because computer support is easier if all users share the same platform. Besides, businesses can write off these costs before the computer becomes obsolete. Home and small business users are caught, sometimes quite happily, in the spiral of endless hardware upgrades, new operating systems, and software upgrades."

"A few years ago, software developers discovered that most users don't mind buying software that eats up precious hard disk space and RAM, as long as it does the job - even if it does far more than is required. The result is software applications and operating systems that grow exponentially in size and complexity."

"Some of the notable disk pigs include: Microsoft Word for Windows word processor which will claim as much as 15 MB for itself, and Corel Draw!, which commands over 30 MB and comes with over 600 MB of extra files on a CD ROM disk. It's a long way from WordPerfect 4.2, a very able word processor, which could be run from a 360K floppy disk."



LETTER from a programmer

The following letter was in March 1993's FEEDBACK column. It is interesting and gives an insightful perspective into why one can still use a TI 99/4A.

"When I was a college student on a tight budget, I learned to program on this machine. By solving Fortran programs at home in BASIC, it was easy to convert them to run on the mainframe at school. When I finished school and started this company I switched to PCs running DOS, Novell

and UNIX, and MacIntoshes to find programming work. Yet my only preparation for wiring terminals had come in 1965, on the jubilant day that I figured out what was wrong with my TI's modem cable, and got the school's login prompt for the first time from 20 miles away.

The 99/4A has a place of its own in my office and we use it frequently. Early on, it became a label machine that could churn out large jobs without tying up another machine. More recently, we've been writing some (possibly forthcoming) serial IO programs that automate the office when we're out. Furthermore, we're using the TI as a terminal for UNIX. I haven't had a chance to investigate an 80-column card yet, but we still run shell programs in 40-column mode, and it's really helpful.

We bought a used TI for our 14-month-old son for Christmas. It's durable, incredibly cheap and a tool for keeping his hands off our machines, at least most of the time. He has stepped on it, and he's banged the keys in excitement over seeing the opening screen of the Early Learning cartridge. These are no-nos; however, he really likes the system even though a little young to work with programs. We're writing our own simple number and alphabet programs for speech, and I know this will benefit him for years to come.

We're not much for games (although we own a few), and we haven't used some of the popular programs such as TI-Writer, since we have other word processors. What is important is that we do use it and value it as a machine capable of many critical tasks.

Since my TI was new, it has fostered my enthusiasm for computers and everything their users can do. These days I believe I have a unique perspective. I smile every time I hear individuals talking about programs they want to learn, WordPerfect, Lotus, etc. The business world has by now chosen its stepping stones to successful employment. They lie cautiously beneath the umbrella of 100 percent compatibility.

Something is missing from the mainstream of acceptance of microcomputers.

Computer knowledge has become a commodity, with everyone seeking the most common or most marketable experience and the easiest machine interaction. I salute your publication and the many readers who realize that one spreadsheet or word processor is logically similar to every other one, and that sometimes an alternative approach (or even doing things the hard way) prepares us for the bigger picture. Our company has built a business on tackling jobs other companies won't touch, bettering ourselves every time we learn our way round a new package or machine. Experience with machines like the 99/4A makes this possible".

Mark Zeman
Cerebral Software
Arlington Heights, Illinois



WHAT'S A



HEXBUS...?

Charles Good has distributed the LIMA library update disk with his APRIL 93 BITS, BYTES and PIXELS newsletter.

Of more interest is his articles on the HEXBUS periferal for the TI 99/4A which was never released by TI.

Not only has Charlie borrowed one of the few that escaped TEXAS INSTRUMENTS but he has purchased a CLONE of the HEXBUS. Yes, someone....., in Germany has broken the coding for the HEXBUS and is now making them in limited quantity.

What the HEXBUS allows one to do is to address the series of small periferals such as the WAFERTAPE DRIVE, an 80 column printer, a modem and disk controller directly from the TI 99/4A without a PBOX.

Of most interest is the article on the QUAD DENSITY DISK CONTROLLER that has been made to attach to the HEXBUS. This allows on to go to a disk drive without a PBOX or CORCOMP 9900 system.

The QUAD density capability gives you 2880 sectors per diskette...or double the DOUBLE density capability.

Charlie has not received his disk controller yet, but has ordered it

Now, I wonder how much these cost ?

Tom

Alexander Hulpke
in CANADA!



Charlie Good also got a letter from Alexander Hulpke, the writer of a lot of great TI software: V.A.P.P. (Vet Another Paint Programme) and XHI (80 column utility programme). Apparently, Alexander has passed his PhD and will be doing some post-doc work at Concordia University in Montreal Canada. He says that he will NOT be bringing over his Geneve, but I am sure that the Ottawa Club and the Montreal TI group will be able to help him out when he is here. Maybe he will be invited to attend TI Group meetings as a speaker. We welcome Alexander to Canada sometime in the summer. I hope he enjoys his stay and can make some contacts in the TI world.

KNOW MORE MISS STEAKS !

KNOW MORE MISS STEAKS:

I have a spelling checker.
It came with my PC.
It plainly marks four my revue
Miss steaks I cannot sea.
I've run this poem threw it,
I'm sure your please to no.

It's letter perfect in its weigh:
My checker tolled me sew.

Source: Circulated at Coastal Corp.,
Houston TX, as cited in COMMUNICATIONS
BRIEFINGS, 700 Black Horse Pike, Suite
110, Blackwood, NJ 08012.



OTTAWA TI FEST &
LIMA M. U. G. Conference

There is a contingent of the KAWARTHA 99er's who are going to the OTTAWA TI FEST on the 24th of April. They will be leaving the Peterborough area at 6:00 AM.

Anyone interested can contact Glen Daniels at :
705-740-0159

The LIMA Multi User Group Conference is set for May 14-15th at the University of Ohio campus at LIMA.

I am looking for someone to go with to this TI Fest. I hope we can get some interest from both our group and the KAWARTHA 99er's to make the trip.

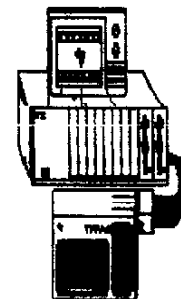
Please let me know (Tom) if you can make it.

It usually proves to be a pleasant trip if you don't have to drive through the night.

Hotel rates are very good and you can pick up some good bargoons as well as shop at the duty free shop on the way back.

(10 commandments cont'd)

6. Thou shalt install all new application software before it will run properly on thy computer.
7. Thou shalt run no program lest thou hast first made a backup copy.
8. Thou shalt protect (save) thy work frequently; very frequently.
9. Thou shalt not kill thy data by pulling disks out in the middle of a work session.
10. Thou shalt always make backup copies of thy data disks.



NEXT

OSHTI meeting

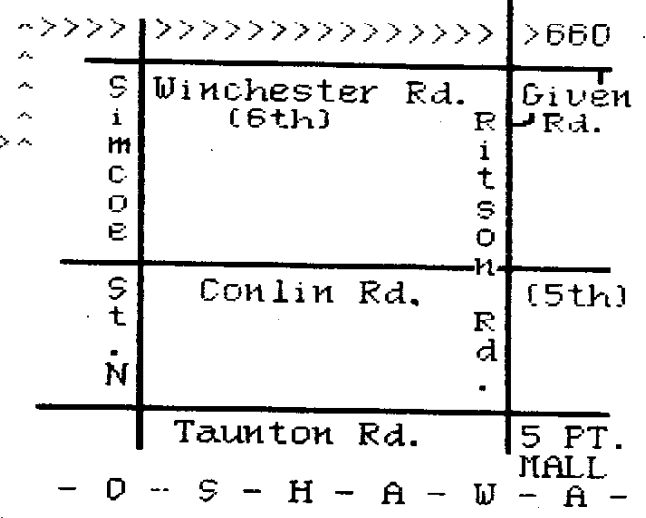
Thurs. Apr 22

!!!new day!!! AT TOM'S
See map >>>

GARY BOWSER tells us WHAT'S NEW!

and OSHTI D.O.H.

PORT
PERRY N



**OSHAWA TEXAS INSTRUMENTS HOME
COMPUTER USERS' GROUP**

- CHAIR:** RAY BLODGETT
(579-1767)
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- NEWSLETTER EDITOR:** TOM JAKABFY
(725-7298)

MEMBERSHIP FEES:

**MEMBERSHIPS
STILL ONLY
\$15**

VISITORS to club meetings are WELCOME.
Copying charges for disks-of-the-Month are \$1(your disk) or \$2(our disk)

This newsletter was produced on a TI-99/4A using FUNNEL-5.0, PAGE PRO, and PAGE PRO COMPOSER. Occasionally news articles are photocopied.

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MEETING TIMES:

The OSHAWA TI USERS' GROUP (OSHTI) meets between the hours of 7:30 and 10:30 pm
Location to be named in the newsletter.

The OSHTI Users' Group is a Non-profit organization dedicated to encouraging the continued use of the TI/994A for education, entertainment and data management. The club also supports the MYARC 9640 or GENEVE(TI compatible) computer.

O s h T I

