

**PLEASE RENEW  
YOUR  
MEMBERSHIP!**



**OSHTI**

**OSHTI  
99/48  
COMPUTER  
USERS GROUP**



**FEB. 1993**



**CHARLIE IS GOOD!**



**Last OSHTI  
Meeting:**



**THANK YOU CHARLIE GOOD!**

On Jan. 19th I received the 80 column version of FUNNELWEB 5.0. It came in the LINA Bits, Bytes and Pixels newsletter. To say that I was surprised is to say the least. But the real proof was in reading about all of the new features in FUNNELWEB 5.0. Tony McGovern certainly has done an excellent job in putting this new version together. I will review it later in this newsletter; but what I really want to do here is to give Charlie the credit for distributing this and subsequent version.

Not only does Charlie and his group throw a TI Conference (Faire) in LINA but Charlie distributes the latest versions of Funnelweb across North America and maybe Europe (I don't know about Europe).

If you just think about the time it takes to copy diskettes (there were 2 in the latest package) then you can imagine the effort. But what about the added cost?

Charlie doesn't ask for money for sending out Funnelweb. Not even for the cost of the disk!

What can we (as Clubs) do for the Lima group (Charlie)? Here are some suggestions.

- join the LINA club as a fully paid up member
- send our club's best disk of programming to Lima
- send a personal letter of thanks or at least acknowledge his efforts in your newsletters.
- send some, gulp, money to offset the cost of the disks.
- nominate Charlie for the John Birdwell award at the Chicago international faire in Oct-Nov 1993.
- attend the LINA N.U.G. Conference in May 1993 and say thanks to Charlie and his group.

Don't limit your imagination from the above and feel free to do SEVERAL of the above.

Without people like Charlie and the Lima group, would the TI world be so GOOD?

Tom

The January OSHTI meeting was again held on a pleasant weather day. How do we luck out this year? Bob touched wood just in case.

We had a good turn-out of members. We welcomed Bernie back from the South after his December vacation. Doug was also able to make the meeting since he had a day off this week. Keith was early since his classes haven't started.

None of Guy's TI equipment and books went. Keith was able to get his 'grandkids' some TI edware and games. From what Keith says, they like the games better.

Tom demonstrated some of the new features of Funnelweb 5.00 for the 80-columns.

Tom also demonstrated the importance of SECTOR 1 on disks. As the article in the Jan. newsletter attests, you can 'SAVE' a disk if it gets blown by doing some sector editing in sector 1.

To get to sector 1, you use DSKU by John Birdwell or the DISKREVIEW of the FUNNELWEB environment. Both allow you to READ and WRITE TO the 1st sector on a disk.

You can even HIDE the directory by writing 00 into bytes 1 and 2 of this sector. You can even scramble the order of a directory if you want, or make one file appear twice in the directory.

Tom also showed that the numbers in sector 1 were POINTERS to the FILE information sector. He showed how

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DSKU can be used to write COMMENTS to disk using the FILE info sector.

DSKU is a powerful programme but you must be careful. Use a BACK-UP disk when playing.

Keith reported that our club is still solvent. Since we didn't want to build up a surplus of funds in the treasury it was unanimously decided to keep the membership fees at the \$15 level. This is probably the lowest of any of the TI clubs.

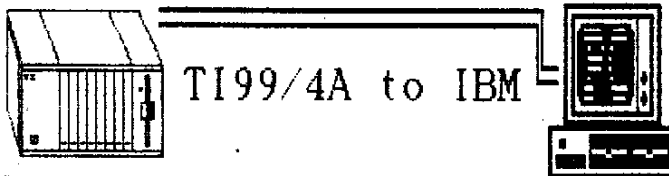
Disk of the Month had a very nice MAIL LIST programme on it as well as some utilities (MAGIC FILE) and a Jim Peterson educational(?) game called LONG DIVISION.

We also tried our hand against the NIM programme. This programme does NOT WANT you to QUIT. It has a funny set of comments at the end to keep you going.

Last but not least were the LOVE and SEX programmes. Although the love one gave hearts after every kiss, we could not quite understand how the SEX programme worked. Maybe it wasn't written properly. I'll check on it for next month.

Next meeting is at Tom's on Wed. Feb. 17th.

There will be a demo to show how to transfer TI text files over to an IBM. It is not difficult.



In the December issue of the OTTAWA TI User Group newsletter, Philip Harris, the newsletter editor describes how to transfer files from the TI to an IBM or PC clone.

It is really very simple and I was able to get it to work on the second try.

Here are the steps.

1. Write a TI Writer file and save it to disk as a D080 file. This is the usual way.

2. Format the file through a formatter (TI Writer or FUNNELWEB formatter.)

3. Load the formatted file back into the word processor and PRINT this file back to disk using PF and C DSKx.FILENAME. This eliminates any control characters like c/r and l/f.

4. Reload the newly created file back into FUNNELWEB 5.0 and this time make sure that the last line has a word of text on it. Don't leave any 'blank' lines at the bottom.

NOW, PrintFile (PF) using the NEW command M DSKx.FILENAME1. This filename MUST be different or you will get a file mis-match error.

Funnelweb 5.0 will save this file as a Disk Fix 128 ASCII file.

5. Go to your MODEM programme on the TI and set the modem to 9600 baud.

6. Go to your IBM or clone and use a TERMINAL programme set to 9600 baud.

7. Attach the modem end of your TI RS232 cable to a genderchanger which is attached to a 'NULL MODEM' gizmo on the IBM's RS232 port (COMM1).

8. If you type a letter on the TI, you should see it on the IBM screen. This is a test to see that it works.

If you do NOT get the same letter as typed on the keyboard of the TI then the speed (9600) may be different or the cables not attached correctly. Remember, you must have the usual modem cable attached to the TI RS232 (see the wiring diagram below) and the modem end is attached to the IBM.

9. When all is well, then prepare the IBM to ACCEPT a file using XMODEM. You will have to NAME the file and give it a destination. You will also select XMODEM at this time. I used TELIX on the IBM and it is similar to TELCO. ALT R (receive) starts things in motion.

10. On the TI side, prepare to send a file (F6 in TELCO) using XMODEM. When you press return after the correct file name, you will then hear beeps and whistles or whatever the modem programmes usually do.

11. You should get positive responses to the file transfer (TRANSFER SUCCESSFUL on TELCO along with its usual chime). On the IBM, you will also get a positive response if all goes well.

12. Go to your IBM word processor and load in the ASCII file that you just saved.

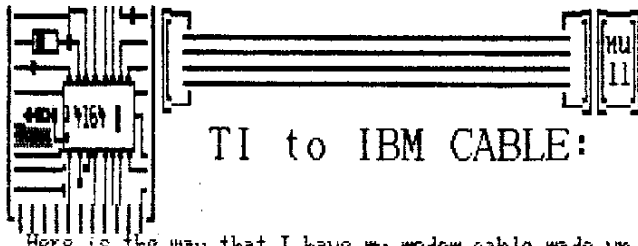
I used WORDPERFECT 5.1 and found that there was a series of control Z characters at the end of the file. These should be deleted. Also, I noticed that the PAGE numbers on WP 5.1 were strange. It said there was 20 pages when there was only one.

What I did was SAVE this NEW file to a WP directory. When I loaded it back in the page numbers were correct.

It will take some time to play around with the two computers before everything works smoothly.

Of course, you MUST have a reason to want to transfer files to an PC in the first place. My reason is to allow me to work with files at school since we have IBM. Most of my files are on the TI at the moment. However, the newsletter is STILL produced solely on the TI. Isn't that the point of the TI User Group newsletter in the first place? Oh well, to each his/her own.

Tom.



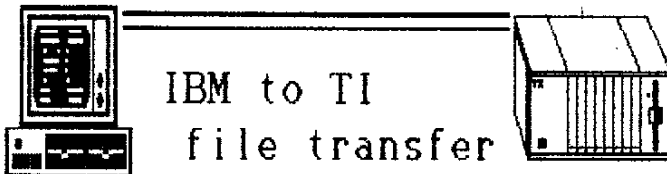
## TI to IBM CABLE:

Here is the way that I have my modem cable made up for a CORCOMP RS232 card:

TI SIDE	MODEM SIDE
2-----	3
3-----	2
20-----	6
7-----	7

You can save a lot of expense by making a 10 foot modem cable using 2 male RS232 25 pin heads. I used some telephone cable left behind by BELL. It had six 24 gauge wires inside, 2 more than I needed. A 10 foot cable at RADIO SHACK costs \$19.95 plus 15% tax. So check out the cost of the two 25 pin male receptacles first.

Tom



I was able to transfer files an IBM as mentioned in the above article, however, going the other way I had to use a baud rate less than 9600. I had to change the baud rate to 2400 OR 4800 on both machines to get it to work. Another thing to note was that I waited for the IBM computer to setup its transfer before entering the last phase of DOWNLOADING on the TI side. The first time that I did it at the same time I came up with 2 errors. However, if I waited till the IBM was set, then everything worked fine. I am using a CORCOMP RS232 on the TI.

The other thing that I would like to mention is that I had more luck when I used the CONVERT to DF128 file programme, that I received with the ASGARD programme GOFER. This programme was originally designed for use with PAGE PRO, but it has several other utilities that make it nice. One of these utility programmes does BOTH the conversion from DV 80 to DF 128 and DF 128 to DV 80. It is also very fast since it is written in c99.

So now I can write TEXT files on the TI and transfer them over to the IBM and eventually get them into WORDPERFECT 5.1. Now, the task will be to convert WP files to TI DV80 files. There must be a programme, maybe even WP itself, which will convert its code into ASCII. This is the next challenge

Tom.

## It's Here! FUNNELWEB



## EDITOR 5.0:

Funnelweb 5.0 for 80 column TI 99/4A's has arrived and it is full of lots of nice features. Some are improvements of the Funnelweb editor and some are entirely NEW.

The first thing that must be stated is that this Funnelweb update by Tony McGovern is JUST the EDITOR. This means that the FORMATTER and DISK REVIEW have NOT been changed. However, there was no big need to change them and if you want, you can use ANY FORMATTER (calling it FD and FP) as long as it is a memory image programme (that means that it runs as an E/A 5 programme. So, if you have Art Green's TI-Writer 4.0 formatter with improvements or Art Gibson's ML-Formatter, then you may use them in the Funnelweb environment. I have NOT changed but may in the future. On with the NEW and improved FUNNELWEB 5.0 editor.

This review is not meant to be ALL INCLUSIVE, but will focus on the improvements that I feel are useful to most newsletter writers.

The HELP screens are the most obvious additions to the editor. They can be arrived from the COMMAND line of the editor by typing H (return). There are 4 help screens and they are supplied with the disk. In fact there are 7 HELP screens, 4 for the TEXT editor and 4 for the PROGRAM EDITOR. One file is common to both.

The first HELP file has the KEY STROKES listed. So if you can't remember what the 'klear to end of line' key is then you will find it listed as <c-k> or control k. The HELP screen is COMPLETELY FILLED so there is a lot of key-strokes to remember.

The second HELP screen shows the '.' dot commands which tell the formatter what to do. These include things like .LM 5 for setting the left margin to 5. This is also useful.

To scroll thru the HELP screens, just use 'Q' or 'A'. The nice subtle feature here is that you return to the LAST help screen that you were viewing. So if you want to use screen 4 more than the others, then just go in and set it to 4 and return to the command line. The new access will then be to screen 4 first.

I feel that the 3rd screen supplied for the text editor is probably least useful. You can WRITE YOUR OWN HELP screen. Simply make up a text file of the size of the screen and save it to disk and then use the utility programme FUTITMAKE to write it. Change the name to the help screen that you want and it will be there when you need it.

The 4th HELP screen lists key strokes by function and this may be useful to a lot of people looking for the key that does 'this or that'.

If this was the only NEW item, then this would be a major accomplishment. However, there are more.

One nice feature that I like is the ability to mark two files for work at the same time and flip in between them fast.

When you go to the ShowDirectory mode, you can MARK the TARGET file to load with the (space bar) and also mark a Temporary file using (T). Then you can do the following when you go back to the command line.

The (LT) command enables you to load the temporary file whose name you marked. Then you can work on it. When you wish to switch to the TARGET FILE you simply go back to the command line and SAVE the TEMPORARY file with the (ST) command. This saves the Temporary file into VDP RAM so that it can be called back later using the (Recall) command. You will notice that this is a change of the use of the Recover Edit file command which has been removed.

Now, go back to the command line and use (LF) to load the TARGET file. Work on this file and then when you are finished, you may Savefile with the SF command.

To go back to the Temporary file simply type (RC) and the Temporary file is there to work on.

When would you use this? Well, let's suppose that I am typing a newsletter and I remember that I have to type a page of work for my class. I would (ST) this newsletter then delete all lines from the screen and type my lesson and save it as a new file. When I am done, I would simply type (RC) from the command line and there is the newsletter on the screen and I could then again work on it.

In fact, I can have a lot of stuff stored in VDP memory at the same time. I have my 4 HELP screens, my Temporary file and maybe even a file that I Viewed with (SD). This brings me to the next NEW feature of Funnelweb 5.0.

While I am using ShowDirectory (SD) of DSK.8 for example, I could VIEW a file (use V or W). This file now goes into VDP Ram and not just to the screen. I can REVIEW this file any time that I return to SD by pressing (return) or I can return to the Editor's COMMAND LINE and press V to view it from there. You can SCROLL thru this file as in DiskReview. The only problem that I found with the VIEW of other files is that there seems to be NO WAY of ERASING the viewed file. Even if you press RESET you will still have that file in the VDP? Anyone know how to get rid of the VIEWED FILE?

Maybe I have confused you with this idea of VDP Ram memory, so let me clarify this.

When you have an 80 column card like TIM or the Geneve or the AVDP or Mechetronics cards, there is EXTRA MEMORY beyond that which is used for the screen display. In fact TIM comes with 192K of Video Display Memory. The other cards may only have 64K or 128K of memory but are upgradeable.

Since TI-Writer and FUNNELWEB text files are limited to 24K, then there is a lot of extra space to stash other screens of text in the VDP memory. Because this memory is in VDP, it has EXTREMELY FAST access time... almost instantaneously.

Since TEXT mode needs little overhead (not like HIRES graphics mode) then a lot of this VDP is available. So Tony made use of it. Nifty, eh?

Another function that is new that I make use of is the MARKING of a LINE Number to GOTO. RETURN to Original line is also new. Mark you GOTO line with (fnc1 ; and then GO TO IT with (fnc2 =>). To RETURN to Original press (ctrl-D) This is a very handy item.

Another interesting addition is the FREEZE SCREEN (ctrl F). This allows you to freeze part of the screen and edit another part of the document while viewing the frozen part in reverse field. Although this is interesting, I don't know how much I would use it.

Probably the nicest of the additions is the one which has always been a problem in TI-Writer or Funnelweb editors. When you want to MOVE a block of lines or COPY or DELETE a series of lines from the command line you FORGET the EXACT LINE NUMBERS. When you get there you have to return to the edit mode to find them again and then write them down. Well NO MORE.

When you are in the COPY or MOVE or DELETE lines mode just use the SCROLL up or down keys and the screen moves up and down to where you want to see. Yes, it's that easy. This is a god-send to most of use with limited memories.

Another NEW feature is the AMOUNT of MEMORY used for your edit file. This shows up in the SD as so many bytes. At the moment, I have 8094 bytes left in this file. And you really needed to know this too!?

File handling is also different. Each time a file is LOADED or SAVED or VIEWED the line numbers appear in the upper RIGHT corner of the screen. This is a useful thing because you KNOW that the precious lines of text are really moving from one place to another. Apparently, this is FASTER than old Funnelwebs, but I haven't timed it.

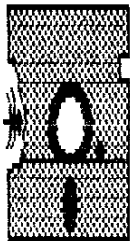
Another useful feature is the entering of the LINE NUMBER from the command line without the (S)(show) command. This is handy. If you don't know the last line number, just enter a VERY LARGE ONE (eg. 3459) and it will go to the end of the file.

An ALTERNATE way to get to the END of FILE is to press (ctrl J). This takes you to the last page. Also note that (ctrl H) (for Home) takes you to the FIRST page of the file. This is FAST!

TABS are also improved. You have the ability to have 9 different tab settings. However, only the first 3 get saved with the document. There is also immediate inclusion of the present tabs at the ottom of the screen as you press (return); this was NOT the case in previous versions of Funnelweb. This is a welcomed change.

Since this article is getting long, I thought that I would quit here and leave some of the more nebulous changes till the next issue. There are still more things to say about the new Funnelweb 5.0 (80 column version) that needs to be said. But the best thing is that it's out. Thanks again Tony.

Tom.



# FUNNELWEB 5.0 initial BUG report:

## FUNNELWEB

5.0 BUGS. While experimenting and just playing around with some of the new features of the 80 column version of Funnelweb 5.0, I found at least 2 BUGS.

**BUG 1:** I noticed that if you use `<ctrl-O>` in the FREEZE MODE that you can go back to a line in the FROZEN area and look like you are changing it. Dare I say that this is a BUG? It is! So be careful if you use the return key (`<ctrl-O>`) when typing to the unfrozen area, you will have no way of reading what you are typing. I found this purely by chance while I was typing this review.

**BUG 2** is potentially DISASTEROUS!

When in the VIEWING mode if you should PRESS `<fnct B>`, it is GAME OVER. The keyboard remains inert and for all intents and purposes, you have a C R A S H! So whatever you do DO NOT press `<fnct B>` while viewing a file.

I didn't expect that there would be no BUGS in FW 5.0 since this was a major rewrite.

I hope Charlie Good will pass these along or at least find out if it is problem only with my copy.

Tom.



## NEWSLETTER BANTER:

I have read in at least one newsletter, that a TI club has been dropped from some other club's newsletter exchange. The reason cited was a lack of funds or rather the implication that clubs who do NOT have ORIGINAL material (ie. they use a lot of reprints from other newsletters) will be first to go.

Well, one of the clubs that was dropped seems to be a club whose newsletter is QUITE ORIGINAL! Herein lies the problem. This has lead to a WAR of WORDS and a series of letters of support for the offended club.

If it will make them feel better, then I too would agree that they do have a very original newsletter.

This problem came to light for me last week when I was compiling a new system for storing TI club exchange newsletters.

I found that we have been sending out a newsletter for a year and have NOT had one in return. Not even a word that we were being 'cut-off'.

There is another club, that has not sent one in 3-4 months. I hope that this is not another 'ghost' discontinuance.

PLEASE, if you are DISCONTINUING the sending of your newsletter, SEND a LETTER FIRST! If your club is suffering

financially, then maybe a club might want to contribute some money toward the mailing cost. Personally, I think that the newsletter exchange should be FREE if we are to continue the TI.

Our club receives 9 newsletters a month. Another club sends out 3 issues in one mailer every 3rd month. Yet another club sends theirs out 4 every 4th month. We have one exchange which ships us their newsletter on DISK every second month.

On the other hand, we send out our newsletter EVERY MONTH (except July and August) by first class mail. There really is NO other class for letter mail in Canada.

I thank the clubs in our exchange and hope that they will continue to send their newsletters. I enjoy reading them and I am sure that each of our members who borrow them also enjoy reading them.

Tom



## OSHTI NEWSLETTER EXCHANGE FILE:

Speaking of newsletters, this makes an excellent reason to establish a DATA BASE!

I have placed our records on TI-BASE since it is easiest for me to use.

For your information the data base looks like this:

	CREATED 07/04/91	CHANGED 01/31/93		
FIELD	DESCRIPTOR	TYPE	WIDTH	DEC
1	BINDER	C	003	
2	CLUB	C	012	
3	YEAR	N	006	00
4	ISSUES	C	016	

000 1 NEWSLET 00051/00086

The nice part of using TI-BASE vsm 3.0+ is that you can transfer the PRINTER file to DISK. That's what I did above. I just changed the the following parameters.

```
SET CRLF=OFF
SET PRINTER=DSK0.NL1
```

When I typed 'SNAP', the SCREEN DUMP went to file NL1 in disk drive 8 (RAM DISK, but it could be to any disk drive).

The same thing applies to the following data in the file. I just sent it to DSK0.NL2 instead.

OSHTI members who wish to borrow newsletter hard copy can now select it by CLUB and BINDER. I try to keep only one binder per club, for active exchangers.

The F-1 etc. refers to file folders. The B-1 refers to boxes. I have NOT placed the BC disk newsletters in this data base yet.

CLUB	YEAR	BINDER	ISSUES
9T9ers TOR.	1989	9	JFMAN/J/ JA/SOND
9T9ers TOR.	1989	1	xxxxxJJASUND
9T9ers TOR.	1984	1	xFMANJbxSOND
9T9ers TOR.	1985	1	JFMANJbxSOND
9T9ers TOR.	1985	9	JFMANbxSOND
9T9ers TOR.	1986	9	xxMANJ/ JA/SOND
9T9ers TOR.	1987	2	JFMANJ/ JA/SOND
9T9ers TOR.	1988	2	JFMANJ/ JbxSOND
9T9ers TOR.	1990	5	JFMANJ/ JbxSOND
9T9ers TOR.	1991	9	JFMANJ/ JxSOND
9T9ers TOR.	1992	5	JFMANJ/ JxSOND
BC 99ers	1990	12	xxMANJxSOND
BC 99ers	1991	12	JFMANJJA
CHICAGO	1990	B-1	xxxxbxSOND
CHICAGO	1991	B-1	xxMANJSONx
CHICAGO	1992	B-1	xxxxbxSOND
CHICAGO	1993	B-1	J
CONNI	1990	F-2	xxMANJxSOND
CONNI	1991	F-2	JFMANJxSOND
CONNI	1992	F-3	JFMANJ/ ASOND
DALLAS	1990	B-1	xxxxJJASONx
DALLAS	1991	B-1	JFMANJJASONx
DALLAS	1992	B-1	JFMANxJASxxx
x E.A.R.	1990	4	xxxxJJ/ ASONx
FRONT RANGER	1990	12	xxMANJJASOND
x FRONT RANGER	1991	12	JFMANx
KAWARTHA	1987	11	xxMANbxSOND
KAWARTHA	1988	11	JFMANJbxSOND
KAWARTHA	1989	11	xxMANJxSOND
KAWARTHA	1989	11	JFMANJbxSOND
KAWARTHA	1990	11	JFMANJbxSOND
KAWARTHA	1991	11	JFMANJbxSOND
KAWARTHA	1992	11	JFMANJbxSOND
KAWARTHA	1993	11	JF
LA Topics	1990	7	xxxxJJASOND
LA Topics	1991	7	JFMANJJASOND
LA Topics	1992	7	JFMANJJAV/SOND
LA Topics	1993	7	J
LINA	1990	4	JFMANJxAV/SOND
LINA	1991	4	JFMANJbxSOND
LINA	1992	4	JFMANJbxSOND
LINA	1993	4	JF
NEWJUG	1992	B-2	xxMANbxSOND
NORTH BAY	1989	2	xxxxJbxSOND
NORTH BAY	1990	2	JFMANJbxSOND
NORTH BAY	1991	2	JFMANJbxSOND
NORTH BAY	1992	2	JFMANJbxSOND
NORTH BAY	1993	2	J



OSHTI	1984	1	xxMANJbxSOND
OSHTI	1985	1	xFMANbxSOND
OSHTI	1986	1	JFMANJbxSOND
OSHTI	1987	1	JFMANbxSOND
OSHTI	1988	2	JFMANJbxSOND
OSHTI	1989	6	JFMANJbxSOND
OSHTI	1990	6	JFMANJbxSOND
OSHTI	1991	6	JFMANJbxSOND
OSHTI	1992	6	JFMANJ/ JxSOND
OSHTI	1993	6	JF

OTTAWA	1986	F-1	xxxxbxSOND
OTTAWA	1987	F-1	JFMANbxSOND
OTTAWA	1988	F-1	xxbxSOND
OTTAWA	1989	13	JFMANJbxSOND
OTTAWA	1990	13	JFxxxxbxSOND
OTTAWA	1991	13	xxMANJbxSOND
OTTAWA	1992	13	JFMANJbxSOND
OTTAWA	1993	13	JF

PUG	1989	10	xxxxbxSOND
PUG	1990	10	JFMANJxSOND
PUG	1991	10	xFMANxJxSOND
PUG	1992	10	JFMANJxSOND
PUG	1993	10	J

SUDBURY	1987	3	xxxxbxSOND
SUDBURY	1988	3	JFMANJJASOND
SUDBURY	1989	3	JFMANJJASOND
SUDBURY	1990	3	JFMANJJASOND
SUDBURY	1991	3	JFMANJJASOND
SUDBURY	1992	3	JFMANJJASOND
SUDBURY	1993	3	J

SW 99ers	1990	8	xxxxJJASOND
SW 99ers	1991	8	JFMANJJASOND
SW 99ers	1992	8	JFMANJJASOND
SW 99ers	1993	8	JF

x WEST PENN	1990	12	xxMANJxSOND
WEST PENN	1991	12	JFMANJJASOND

WINNIPEG	1988	2	xxMANbxSOND
x WINNIPEG	1989	2	JFxxxxbxSOND

'x' means that those clubs no longer exchange.

The exchange group newsletter editors might like to check the above list to see if the MAIL is GETTING THROUGH.

Next month I'll show you how I use TI-BASE to keep my student names and info on file. I can even print out class lists like a grid for writing in marks or daily attendance.

Tom



# YATI?

When people hear that I am using a TI 99/4A, they have a variety of comments. Some sort of ask about how I can still be using it and others are amazed. However, I always add that I can do just about anything I want on the TI (spread sheets-MULTIPLAN, word processing-FUNNELWEB, Graphics-V.A.P.P. or TI-ARTIST or TIPS or PAGE PRO and Date Bases- TI-BASE and Telecommunication - TELCO). If you read the following, you will see that there is ANOTHER REASON for still using the TI 99/4A.

The other day, I received a PRACTICE copy of DBASE III for the IBM computer. It took me about a minute to see that it was really patterned after TI-BASE, or was it the other way round. TI-BASE is the TI 99/4A's DBASE III, there is no doubt about it.

If you can use TI-BASE, then you can use DBASE III! This is another reason for using the TI; you will be able to transfer your knowledge to other computers using other programmes.

Another example is the comparison between TELCO and the IBM programme TELIX. Obviously, they were written to be close to one another.

In fact, TELCO has some better features than TELIX. But of course TELIX has more transfer capabilities like Z-modem (TI has Y and V-modem, but no Z!).

So what is the bottom line here?

Well, for me it is the ability to use programmes that were patterned after the EXPENSIVE IBM stuff. This makes it easy to use any of the IBM software so the LEARNING curve is very short.

This is NOT to say that I would use the IBM exclusively. By the time it boots up, I can have 2-3 paragraphs of text written for this newsletter. There are still some things that Big Blue is not so good at; booting up is one of them.

By the way, some of the commands in TI-BASE, like 'copy' are the same as DOS.

Just some more reasons to keep on Tri-ing.

Tom

# HELP!

Does anyone out there know how to change the CHARACTER FILE in PREDITOR? I find that the screen characters in the 80 column mode are particularly small compared with the characters in FUNNELWEB and other 80 column programmes.

If you can help me out, drop me a line of contact me on DELPHI - JAKABFVT.

Tom.



## ATTEND A TI FAIR or FEST! NEAR or FAR!

Here are some of the future dates for TI FESTS coming up. Try to attend one and support the TI community. As far as I know, I hope to go down to LIMA for the N.U.G. conference; I hope there is interest from others. This is NOT on the Canadian Victoria day weekend this year unfortunately.

The Ottawa TI User Grp. will again be hosting a CANADIAN TI FEST. Unfortunately, they have again chosen the day that TROUT season opens and I have trouble leaving home that day. Come on guys, how about a different weekend! Give us fisherpeople a break.

The FEST WEST "NORTH" will be held in Salt Lake City Utah by the time you read this. It was held Feb. 11 to 13. I believe this is the US holiday weekend for Lincoln's birthday. This was hosted by the V.A.S.T. user group and helped, I believe, by the SW 99er's group. It's quite a trip from here.

There is also a TI Fair in the NORTHEAST in Waltham Massachusetts on April 17th.

APRIL 17th NORTHEAST TI FAIR: WALTHAM High School  
Waltham Mass.

CONTACT: Ron Williams  
14 East St.  
ANDON, MA  
02322

APRIL 24th OTTAWA TI FEST: Merivale High School  
10 AM - 4 PM Napan, Ont.

CONTACT: Bill Gard  
3489 Paul Anka Dr.  
OTTAWA, ONT CANADA  
K1V 9K6

MAY 14-15 N.U.G. CONFERENCE University of Ohio  
LIMA CAMPUS

CONTACT :Dave Szippel  
4191 Patterson Haplin  
Sidney, Ohio  
45365

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