

NEXT MEETING TUESDAY, June 11, 1996 7:00 PM. Happy Father's Day
OFFICERS AND NUMBERS (all in 508 area unless noted)

PRESIDENT	Walt Nowak	413-436-7675		
VP./Treas./Editor	Jim Cox	869-2704	MUNCH DUES:	
DEMO LEADERS:	Corson Wyman	865-1213	New Membership	\$25.00
	Jack Sughrue	476-7630	Renewal	\$15.00
CLERK	Ben Parda	791-9172	Newsletter Sub.	\$13.00
Advanced Programmer	Dan Rogers	248-5502		

MAY MEETING. There were six members at the May meeting. We installed the RAM disk in our computer, but there seems to be a memory size problem. We will have to work on this. We also discussed the Internet as it relates to the T.I.. Corson hopes to do an on-line demo at some future meeting.

JUNE MEETING. We will continue our discussions on what is new in the T.I. world. Hopefully we can fix our RAM disk. We will also cover anything new in the computer area.

RAFFLE. Occasionally we have a raffle to help defer the rental cost of our meeting hall, it depends on the number present.

REPRINTS. Reprints are permitted as long as credit is given to M.U.N.C.H.

ARTICLES. I am always looking for articles for this newsletter, anything which interest you will probably interest other members of the T.I. community, so please share your ideas and opinions with all of us.

DISK LIBRARY. The disk library is at all meetings. We have copies of all disks in the library and they are available to members for just \$1.00 for each disk unless otherwise specified. You can order them through the mail, please add \$1.00 for the first disk and \$.40 for each additional disk ordered to cover postage and handling.

DISK OF THE MONTH. I am not sure if we will have a disk this month. If we do have one it will be detailed in next month's newsletter.

ADVENTURE II. This is our fund-raiser for now. The cost to members is \$4.00, add \$2.00 for first class postage. The regular price is \$6.95 plus postage. This is a two DSSD disk set, archived. There is also a special on The Adventure Compendium and Adventure II for members it is \$8.00 plus \$3.00 for first class postage.

FOR SALE: Al Eisenhower of Hyannis, Mass. has T.I. equipment for sale. He is especially interested in trading T.I. stuff for American Flyer trains or other trains. Call him after 5:30 p.m. EST at 508-775-4289.

MICKEY'S PRINTER COMMAND REFERENCE SHEET - 9605 - PAGE 4/4

Make of Printer Model Number of Printer	Seikosha SP-1000AS	Seikosha SP-1200AS	Star NX-10	Star NX-15	Star NX-1000	Star NX-1001	Star NX-2420	TI-99/4A PHP 2500
Reset Printer	27 64	27 64	27 64		27 64	27 64	27 64	64
Condensed Print On Condensed Print Off	15 18	15 18	15 18		15 18	15 18	15 18	15 18
Double-High Print On Double-High Print Off			27 104 1 27 104 0		27 119 1 27 119 0	27 104 1 27 104 0	27 119 1 27 119 0	
Double-Strike Print On Double-Strike Print Off	27 71 27 72	27 71 27 72	27 71 27 72		27 71 27 72	27 71 27 72	27 71 27 72	27 71 27 72
Double-Wide Print On Double-Wide Print Off	27 87 1 27 87 0	27 87 1 27 87 0	27 87 1 27 87 0		27 87 1 27 87 0	27 87 1 27 87 0	28 69 1	14 20
Elite Print On Elite Print Off	27 77 27 80	27 77 27 80	27 77 27 80		27 77 27 80	27 77 27 80	27 77	
Emphasized Print On Emphasized Print Off	27 69 27 70	27 69 27 70	27 69 27 70		27 69 27 70	27 69 27 70	27 69 27 70	27 69 27 70
High-Quality Print On High-Quality Print Off	27 120 1 27 120 0	27 120 1 27 120 0	27 120 1 27 120 0		27 120 1 27 120 0	27 120 1 27 120 0		
Italics Print On Italics Print Off	27 52 27 53	27 52 27 53	27 52 27 53		27 52 27 53	27 52 27 53	27 52 27 53	
Proportional Print On Proportional Print Off	27 112 1 27 112 0	27 112 1 27 112 0	27 112 1 27 112 0		27 112 1 27 112 0	27 112 1 27 112 0	27 112 1	
Subscript Print On Subscript Print Off	27 83 1 27 84	27 83 1 27 84	27 83 1 27 84		27 83 1 27 84	27 83 1 27 84	27 83 1 27 84	
Superscript Print On Superscript Print Off	27 83 0 27 84	27 83 0 27 84	27 83 0 27 84		27 83 0 27 84	27 83 0 27 84	27 83 0 27 84	
Underline Print On Underline Print Off	27 45 1 27 45 0	27 45 1 27 45 0	27 45 1 27 45 0		27 45 1 27 45 0	27 45 1 27 45 0	27 45 1 27 45 0	
1/6 Line Spacing	27 50	27 50	27 50		27 50	27 50	27 50	27 50
1/8 Line Spacing	27 48	27 48	27 48		27 48	27 48	27 48	27 48
n/60 Line Spacing	-----	-----	-----		-----	-----	-----	-----
7/72 Line Spacing	27 49	27 49	27 49		27 49	27 49	-----	-----
n/72 Line Spacing	27 65 n	27 65 n	27 65 n		27 65 n	27 65 n	-----	27 65 n
n/144 Line Spacing	-----	-----	-----		-----	-----	-----	-----
n/180 Line Spacing	-----	-----	-----		-----	-----	-----	-----
n/216 Line Spacing	27 51 n	27 51 n	27 51 n		27 51 n	27 51 n	-----	-----
n/360 Line Spacing	-----	-----	-----		-----	-----	27 43 n	-----

MICKEY'S PRINTER COMMAND REFERENCE SHEET - 9605 - PAGE 3/4

Make of Printer Model Number of Printer	Okidata Micro 181	Okidata Micro 320	Okidata	Panasonic KX-P1091	Panasonic KX-P1123	Seikosha GP-550A	Seikosha SP-1000AP	Seikosha SP-2000AP
Reset Printer			24	27 64	27 64			27 99
Condensed Print On Condensed Print Off			29	15 18	15 18	27 67		27 113
Double-High Print On Double-High Print Off					27 119 1 27 119 0			
Double-Strike Print On Double-Strike Print Off			27 72	27 71 27 72	27 71 27 72			
Double-Wide Print On Double-Wide Print Off			31	27 87 1 27 87 0	27 87 1 27 87 0	27 14 27 15		14 15
Elite Print On Elite Print Off			28	27 77	27 77	27 69		27 69
Emphasized Print On Emphasized Print Off			27 84	27 69 27 70	27 69 27 70	27 35 27 36		
High-Quality Print On High-Quality Print Off			27 49	27 110				27 72
Italics Print On Italics Print Off			----- -----	27 52 27 53	27 52 27 53	27 66		27 105 49 27 105 48
Proportional Print On Proportional Print Off			----- -----	27 111	27 112 1 27 112 0	27 80		27 112
Subscript Print On Subscript Print Off			27 76	27 83 1 27 84	27 83 1 27 84	27 68		27 98 50 27 98 48
Superscript Print On Superscript Print Off			27 74	27 83 0 27 84	27 83 0 27 84	27 85		27 98 49 27 98 48
Underline Print On Underline Print Off			27 67	27 45 1 27 45 0	27 45 1 27 45 0	27 88 27 89		27 88 27 89
1/6 Line Spacing			27 54	27 50	27 50	27 54		27 65
1/8 Line Spacing			27 56	27 48	27 48	27 56		27 66
n/60 Line Spacing			-----	-----	27 65 n	-----		-----
7/72 Line Spacing			-----	27 49	-----	-----		-----
n/72 Line Spacing			-----	27 65 n	-----	-----		-----
n/144 Line Spacing			27 37 57n	-----	-----	-----		27 84 n
n/180 Line Spacing			-----	-----	27 51 n	-----		-----
n/216 Line Spacing			-----	27 51 n	-----	-----		-----
n/360 Line Spacing			-----	-----	27 49 n	-----		-----

MICKEY'S PRINTER COMMAND REFERENCE SHEET - 9605 - PAGE 2/4

Make of Printer Model Number of Printer	Epson MX-80	Epson LX-800	Epson Stylus 800	Epson Stylus 850	Gemini 10-X	Gemini SG-10	Hewlett-Pac Deskjet 310	Okidata 180
Reset Printer	-----				27 64	27 64	27 69	
Condensed Print On Condensed Print Off	27 15				27 15	27 15		
Double-High Print On Double-High Print Off								
Double-Strike Print On Double-Strike Print Off	27 71				27 71	27 71		
Double-Wide Print On Double-Wide Print Off	27 14				27 87 1	27 87 1		
Elite Print On Elite Print Off	----- -----				27 66 2	27 66 2		
Emphasized Print On Emphasized Print Off	----- -----				27 69	27 69	27 40 115 50 81	
High-Quality Print On High-Quality Print Off	----- -----				----- -----	27 66 4	27 40 115 49 83	
Italics Print On Italics Print Off	----- -----				27 52	27 52	27 40 115 49 80	
Proportional Print On Proportional Print Off	----- -----				----- -----	27 112		
Subscript Print On Subscript Print Off	----- -----				27 83 1	27 83 1		
Superscript Print On Superscript Print Off	----- -----				27 83 0	27 83 0		
Underline Print On Underline Print Off	----- -----				27 45 1	27 45 1	27 38 100 64	
1/6 Line Spacing	27 50				27 50	27 50	-----	
1/8 Line Spacing	27 48				27 48	27 48	27 38 108	
n/60 Line Spacing	-----				-----	-----	8 68	
7/72 Line Spacing	27 49				27 49	27 49	27 40 115	
n/72 Line Spacing	27 65 n				27 65 n	27 65 n	n 86	
n/144 Line Spacing	-----				27 51 n	27 51 n	-----	
n/180 Line Spacing	-----				-----	-----	-----	
n/216 Line Spacing	-----				-----	-----	-----	
n/360 Line Spacing	-----				-----	-----	-----	

MICKEY'S PRINTER COMMAND REFERENCE SHEET - 9605 - PAGE 1/4

Make of Printer Model Number of Printer	Alphacon 81	Axiom GP-100	Canon BJ-100	Canon BJ-200	Canon BJ-200e	Canon BJ-200ex	Canon BJ-230	Epson FX-80
Reset Printer			27 64	27 64	27 64	27 64	27 64	27 64
Condensed Print On Condensed Print Off			15 18	15 18	15 18	15 18	15 18	27 15
Double-High Print On Double-High Print Off		27 65	27 119 1 27 119 0	27 119 1 27 119 0	27 119 1 27 119 0	27 119 1 27 119 0	27 119 1 27 119 0	
Double-Strike Print On Double-Strike Print Off			27 71 27 72	27 71 27 72	27 71 27 72	27 71 27 72	27 71 27 72	27 71
Double-Wide Print On Double-Wide Print Off	27 14 27 15	14 15	27 87 1 27 87 0	27 87 1 27 87 0	27 87 1 27 87 0	27 87 1 27 87 0	27 87 1 27 87 0	27 87 1
Elite Print On Elite Print Off			27 77 27 80	27 77 27 80	27 77 27 80	27 77 27 80	27 77 27 80	27 77
Emphasized Print On Emphasized Print Off			27 69 27 70	27 69 27 70	27 69 27 70	27 69 27 70	27 69 27 70	27 69
High-Quality Print On High-Quality Print Off			27 120 1 27 120 0	27 120 1 27 120 0	27 120 1 27 120 0	27 120 1 27 120 0	27 120 1 27 120 0	27 120 1
Italics Print On Italics Print Off			27 52 27 53	27 52 27 53	27 52 27 53	27 52 27 53	27 52 27 53	27 52
Proportional Print On Proportional Print Off			27 112 1 27 112 0	27 112 1 27 112 0	27 112 1 27 112 0	27 112 1 27 112 0	27 112 1 27 112 0	27 112
Subscript Print On Subscript Print Off			27 83 1 27 84	27 83 1 27 84	27 83 1 27 84	27 83 1 27 84	27 83 1 27 84	27 83 1
Superscript Print On Superscript Print Off			27 83 0 27 84	27 83 0 27 84	27 83 0 27 84	27 83 0 27 84	27 83 0 27 84	27 83 0
Underline Print On Underline Print Off	27 69 27 82		27 45 n 27 45 n	27 45 n 27 45 n	27 45 n 27 45 n	27 45 n 27 45 n	27 45 n 27 45 n	27 45 1
1/6 Line Spacing			27 50	27 50	27 50	27 50	27 50	27 50
1/8 Line Spacing			27 48	27 48	27 48	27 48	27 48	27 48
n/60 Line Spacing			27 65 n	27 65 n	27 65 n	27 65 n	27 65 n	-----
7/72 Line Spacing			-----	-----	-----	-----	-----	27 49
n/72 Line Spacing			-----	-----	-----	-----	-----	27 65 n
n/144 Line Spacing			-----	-----	-----	-----	-----	-----
n/180 Line Spacing			27 51 n	27 51 n	27 51 n	27 51 n	27 51 n	-----
n/216 Line Spacing			-----	-----	-----	-----	-----	27 51 n
n/360 Line Spacing			27 43 n	27 43 n	27 43 n	27 43 n	27 43 n	-----

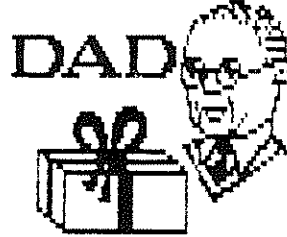
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shareware programs for the TI on a CD-Rom.

We currently have a demo copy of TERM 80 in our library which is a new terminal program for the TI-99/4A which allows an 80 column screen on a TI-99/4A without having to have an 80 column card! However, you can order the full version for \$15 from Jeff Brown, 2111 Montreal Rd. 8102. Gloucester, Ont., Canada K1J 8MB (613) 746-1013; email bb737@freenet.carleton.ca.

Vern Jensen (author of TI games The Castle and Maze Mania) has announced the release of Virus Attack based on a hit Nintendo game. The game is described as having great graphics, sound effects and music! The program which has been in development now for 2 years is now available and requires XB or E/A and a SS/SD drive and 32K memory. The program sells for \$15 plus \$2 shipping from Vern L. Johnson, 910 Linda Vista Ave., Pasadena, CA 91103.

Other new items is TI BAR CODE to produce bar codes for letters for routing at the post office, available from Cecure Electronics. Work on PC99 TI Emulator continues to be underway by Mike Wright. A new card for the PEB from Germany speeds up the 4A up to 6 times its present speed. Bruce Harrison continues to release all sorts of programs and his programming tutorials series in MICROpendium has been great! A lot of new items are being developed overseas including many items debuting at a recent TI Faire in Germany. At this event a professional stock market analysis program was demonstrated for the TI-99/4A, a teletext package for the TI and Geneve was shown where when this system is hooked up to a satellite receiver, cable system or broadcast station where information from a teletext service can be captured.



Don't
Forget
His
Day
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Furthermore many new programs were released such as MYMENU2.

MYBASE, DDI-ICON, TIPSPAIN, GRABBER and PXLGRABBER. Work on the SCSI card for the 4A and Geneve continues as updated EPROMs add additional features.

By the way Bruce Harrison has released three disks full of Christmas music for the TI-99/4A (NOT Geneve compatible). Ten pieces on 3 SS/SD disks which run in E/A or Extended Basic. Price is \$4 per disk or \$10 for all three, definitely a bargain! Send check or money order to Bruce Harrison, 5705 40th Place, Hyattsville, MD 20781.

This just tops the surface on what all is available nowadays. To keep up with the latest subscribe to MICROpendium magazine. Cost is \$35 a year (U.S.) and I also recommend subscribing to their monthly (now bimonthly) disk full of programs in the magazine (so you do not have to type it in) as well as it contains additional programs not printed in MICROpendium. Write to MICROpendium at PO Box 1343, Round Rock, TX 78680 or internet email: jkoloen@io.com. Genie: J.Koloen or call (512) 255-1512.

What's New In the TI World? Plenty! So Says Gary Cox!

by Gary W. Cox
from the Internet
printed in Bits. Bytes Pixels
April, 1996

Believe it or not a lot is going on in the TI world lately.

TexComp is currently having a sale. TI PEB with flex cable interface in original TI packing for only \$35 each. TexComp is also selling Super AMS memory cards. The Super AMS memory expansion card breaks the 32k barrier allowing for very large E/A programs to multiple XB programs using the included XB packer. The number of XB programs loadable at one time depends on the memory option ordered. The 128k version is \$85, 256k version (recommended) is \$100 plus \$5 shipping. TexComp is also selling "Magic Memory". This is described as bringing what the average user needs right into one handy cartridge with features like disk manager functions that rival DM1000 and editor assembler loader functions. It also offers the advanced user easy access to many programs that are used regularly like memory manager, advanced sector editor, debugger and editor/assembler. Price is \$49.95. Check out TexComp's ad in the November 1995 Micropendium or contact TexComp at 1-800-846-3474 or write 425 E. Arrow Highway #732 Glendora, CA 91740. Send \$2.50 for a 30-page catalog.

Competition Computer of 350 Marcella Way, Millbrae, CA 94030, 1-800-471-1600, has quite a collection of hard to find cartridges including a Funware cartridge called Schnoz-ola as well as other Funware cartridges like St. Nick, Video Vegas, Ambulance, Driving Demon, Hen House and Rabbit Trail. Furthermore they have a variety of Navarone and R.B.

Software cartridges. Call for a free TI Buyers Guide. Competition Computer is also the company producing the public domain and

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Going Bimonthly

In case you haven't heard: MICROpendium is going bimonthly.

That's the word we received by postcard from John Koloen and Laura Burns around April 20.

"You won't be receiving a copy of MICROpendium in April," the card said. "The next issue will be published in May, followed by issues in July, September, November and January.

"This decision has not come easily, but it's being done in the best interest of the TI community. Because of dwindling revenues, we had to choose whether to continue as a monthly for several months or convert to a bimonthly and publish indefinitely.

"Most of the readers who responded to our informal poll mentioned that a larger, bimonthly publication was preferable to other options. We expect each bimonthly edition to contain 42-48 pages. Unfortunately, we can't reduce the subscription price. To do so would eliminate any advantage to becoming a bimonthly.

"MICROpendium Disk subscriptions will be reduced to \$25 per year. Those who have already renewed at the existing rate will have their subscriptions extended. Overseas subscribers to MICROpendium disks will see similar extensions.

ATTENTION: GREENHORNS!

My friend was retyping the history of a scaled model of our community's original prairie home on my TI using Funnelweb. Imagine our shock when she received a message: Text Buffer Full.

When she asked me about it, what could I say? I didn't even know I had a text buffer! She had 3 1/2 paragraphs to go, the thought of her retyping was enough to get my adrenalin going up to 3rd. floor for the TI-WRITER manual.

The Index helped me find LoadF/Merge and Text Buffer Full, but the subsequent pages only impressed me with the fact she had already typed 23,000 characters and there was no room to merge! Horrors!

Next I called a local Tier who also was puzzled. Before I called another Tier long distance, I decided it was cheaper to experiment on 100 pieces or so of computer paper. My first idea was to break the file when it ended on a page, and thus have to type that part over and make an end file and print it independently. It wouldn't co-operate and end perfectly.

Back to the manual. Why not try this Include File stuff on page 109? So I broke the original into two files and saved one as Pat/E and one as Pat/F(oh, I was past numbers and earlier letters of the alphabet by now!). I tried the fancy part on file Pat/E and successfully merged the end in the beginning. Good, there is hope.

Next, I stripped the two files of all codes except the dot command to center the title .CE2. Then I put all the dot commands in a file I called PAT/EF. It looked like this:

```
.IF DSK1.C9
.IF LM12;RM73
.PL 62
.HE %
.IF DSK2.PAT/E
.IF DSK2.PAT/F
```

It worked! Only one thing remained, how to match it perfectly as I was one line off. I had left a line at the end of one file and at the beginning of the next. Once it was removed, it was perfectly merged and all the pages sequentially numbered as if it were truly one file. I had never used the .HE %, but while I was looking for answers came across it and decided I may as well learn all I can so the paper is not educationally wasted. It was neat to see every thing so cleanly merged and pages numbered sequentially, treating it all the same.

I thought there must be greenhorns like myself who would take courage in knowing we can produce work that looks like we know what we are doing.

Take heart, if I can, you can!

TONY FALCO UPDATE

We have received the following kind words about Tony from our friends in Australia and, also, a thank you card from Tony's family.

M.V.N.C.H.

Just a note to thank the group for their contribution to the Anthony Falco Scholarship Fund. Two \$500.00 awards were presented this year. Next year one \$500.00 award will be presented.

The awards were given to twin boys that Tony taught.

Many thanks

Jean, Laurie, Lisa, + Tony

EDITORIAL by F.Graham Secretary/Editor

Vale Tony, it was with great sadness that we of TIUP read, in the February issue of the MUNCH Newsletter, of the death of Anthony N Falco (Tony) aged 56, from brain cancer.

Tony's newsletter program contributions were much appreciated, for the subject matter, methodology adopted and the documentation he provided with them.

The members of TIUP wish to convey their heartfelt condolences to his family, and friends in the MUNCH Organisation.