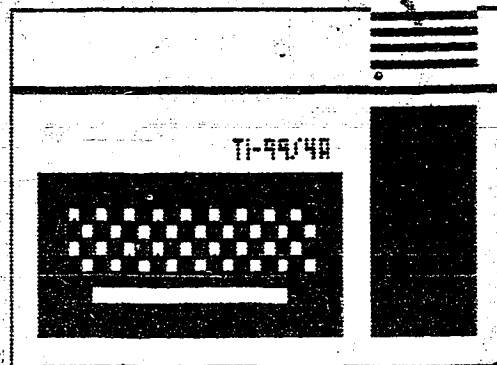


# NORTH EASTERN 99'ers

76 Herschel Street  
Providence, RI 02909  
(401)331-6342



\*\*\*\*\*  
\*NEWSLETTER\*  
\*\*\*\*\*

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MAY 1985

## THE NEXT MEETING

The next meeting will be held at the LE FOYER CLUB in Pawtucket, RI, 141 Fountain Street, at 7:30PM, on THURSDAY, MAY 30, 1985.

**DIRECTIONS:** From the SOUTH, take I-95 to Exit 29 (Broadway). GO STRAIGHT off the Exit and take the FIRST LEFT onto BLAKE STREET (Prata Funeral Home on corner). From the NORTH, take I-95 SOUTH to Exit 29 (Downtown Pawtucket), turn left at the STOP SIGN. The Club is on your Right. Guests are welcome, and you may attend TWO MEETINGS, before membership is required. Try us, you'll like us!

**MEETING AGENDA:** General meeting. Sub-groups in SCREENDUMPS, NOTCHING DISKETTES, AND BASIC

**NOTE:** ALL MEETINGS WILL BE HELD ON THE LAST THURSDAY OF THE MONTH UNLESS OTHERWISE NOTIFIED IN THE NEWSLETTER.

**ADVERTISING RATES:** FULL PAGE \$40.00, HALF PAGE \$20.00, QUARTER PAGE \$10.00. FULL CENTER PAGE \$50.00 Please try to convince your favorite computer dealer to advertise! Anyone can place an ad, providing it meets our club standards. For further information please call Arthur Prescott, Newsletter Editor, at 722-6197.

**DEALER POLICIES: MEMBERS - NO CHARGE,** but donations are gladly accepted.

**NON-MEMBER DEALERS:** You may advertise in the current month's newsletter, or pay a \$5.00 dealer fee at the meeting. One table per dealer, at the rear of the Hall, will be provided. Goods sold by the Club for others, are assessed 10% of the total sales when the transaction occurs. NO SALES will be transacted during the General Meeting. This policy may be viewed at any meeting.

## ELECTED OFFICERS FOR 1985:

PRESIDENT	Mrs. Sandra Ross 331-6342
VICE-PRESIDENT	Mr. Robert Levetin (617)795-7461
SECRETARY	Mr. Thomas Coderre 726-1190
TREASURER	Mr. Raymond Langevin 726-2037

APPOINTED BY THE BOARD:

NEWSLETTER EDITOR	Mr. Arthur Prescott 722-6197
TECHNICAL ADVISOR	Mr. Bill Sanita 723-0703
LIBRARIAN	Mr. Frank Ross 331-6342
MEMBER-AT-LARGE	Mr. Joseph Fontana
PLANNING CHAIRMAN	Mr. Mike Hannigan 723-2340

IMPORTANT INFORMATION

Please distribute the ENCLOSED FLYER to your place of work or school, or market. Our membership is growing, but we can use all the advertising we can get to insure our success!

ALL INQUIRIES AND CORRESPONDENCE SHOULD BE SENT TO:

NORTH EASTERN 99'ers  
c/o MRS. SANDRA ROSS  
76 HERSCHEL STREET  
PROVIDENCE, RI 02909  
(401)331-6342

MASS. RESIDENTS MAY CALL MR. BOB LEVETIN AT (617)695-7461

PRESIDENTIAL PARDONS

We would like to welcome the following new members: Rose Avizinis from Cranston, Walter Kachanis from Cranston, Michael Menard from Warwick, Raymond Fields from Providence, Richard Olean from Warwick and George Westervelt from Pawtucket. We hope these members will enjoy themselves, and that their new ideas will improve our Club! Please renew if your due date is printed on your newsletter label. \$15.00 RENEWAL \$20.00 NEW MEMBERSHIP

Our sub-groups appear to be quite a success, according to the decibel level at the last meeting. Bob Kershaw was reviewing Diskfixer, and his large audience stayed long after I went home! Thanks Bob, that was a work-out! If you didn't notice, Tom Santos was videotaping the meeting and the sub-group on Diskfixer. I'll let you know how that went as soon as I see myself on tape...just kidding! We viewed Tom's first TI-Writer tape at the Board meeting, and we were very excited about the possibilities for the membership. If you would like to tape lessons on almost any topic, let us know. Tom has volunteered his time and talents to producing educational tapes for our membership. Here's your chance to be a star!!!

Minutes of the Meeting held April 25, 1985

The meeting was conducted by President Sandra Ross. The officers, chairpersons, and new members were introduced. The Secretary, and Treasurer, gave their reports which were accepted as read. The Newsletter Editor and Vice President's reports followed. Mr. Tom Santos spoke about the videotaping of subgroups and also videotaped the meeting and the Disk Fixer subgroup that followed. The Basic and Files subgroup's also met to answer

any questions that arose. The winner of the raffle, Albert Stafford had his choice of 10 diskettes, 10 cassettes, or King of the Castle. Mr. Stafford chose King of the Castle, a diskette game.

That was the meeting for those of you who missed it. See ya there next month.

Tom Coderra, Secretary

### SANDY'S BITS AND PIECES

\*\*\*\*\*

### ALL DAY COMPUTER FUN...

As you can see, it is still without a title, but it has a TENTATIVE date!! The 1ST ANNUAL NORTH EASTERN 92'ers WHATEVER WE CALL IT will be held on SUNDAY SEPTEMBER 23, 1989. FRANK ROSS has been appointed chairman for the event, so please bombard him with offers of assistance! It will be an all-day affair, and will be exciting and educational! It will also be WHAT YOU PUT INTO IT!! We need the following: Advertising Committee, Assistance for our Planning Chairman and Secretary, and anything else you can think of. Please...volunteer to bring your entire system, or buddy up and bring a part of it. I know it's a royal pain to lug everything, but it will make a great experience for veterans and novices alike!

### FREEMWARE...

We have some interesting new programs offered under the FREEMWARE concept. Included in this month's Library Updates: MASSCOPY II, NEATLIST, and TI-WRITER LOADER. FREEMWARE simply means that the club will pass these programs on to you for only a shipping charge: \$1.00 with your own disk provided, or \$3.00 if we provide the disk. After using these programs, the author asks you to pay him. You are encouraged to pass these programs on to your friends!!! This may be the only time you'll hear that. We support these programmers who are trying to provide the type of programs we desire at an affordable price. New members will receive a Library Catalog with their membership. All members will receive an updated catalog in June. Please see our Club Librarian, Frank Ross, for information, questions or submissions. Library updates will be provided at all meetings, and updates will appear in the monthly newsletter.

### SUB-GROUPS...

Congratulations to the TI-WRITER sub-group which was conducted by Tom Coderra and held in the home of Larry and Pauline Coutu (Of course we know who made the goodies!!!). The group ran for five sessions and the practice letters that they mailed to me were just great!!! The video taping by Tom Santos was the icing on the cake! There will be a sheet available at all meetings for you to sign-up for the sub-group of your choice. Bob Levatin is in the process of organizing a BASIC Sub-group. Bob will visit the group for a few meetings to relieve any anxieties. You may also list those sub-groups which you wish to be included at our meetings, on the sheet provided.

## TI IS OUT!...

(Reprinted from MICROpendium, April 1985) Texas Instruments plans to bury thousands of over-produced cartridges, such as TI-INVADERS AND MUNCHMAN, in a landfill, but because the cartridges contain minute quantities of lead, the actual burial will be carried out by a company that specializes in the disposal of products containing lead. Some vendors have stocked up on TI Cartridges and expect to maintain inventory of most titles for one time to come. However, those who returned their merchandise to TI are effectively closed out of the market.

**PRESIDENT'S PERSONAL NOTE:** I can't believe that TI would bury these cartridges instead of perhaps donating them to the NON-PROFIT USERS GROUPS who have maintained the dignity and reputation of Texas Instruments. It would have been a nice way to say thanks for the support. Mr. Fred Bucey, President of Texas Instruments, PO Box 225474, Mail Station 236, Dallas, TX 75265, 1-214-995-4442, gets my **GOLDEN TURKEY AWARD!**

### \*\*\*TIDBITS\*\*\*

TEX-COMP has external drives, including the power pack and supply, for \$129.00. A very good deal! PO Box 33084, Granada Hills, CA 91344, (818)366-6631

How do you replace the batteries in the MINI-MEMORY Cartridge?

How many programmers does it take to change a light bulb?

None - it's a hardware problem!

(I'm not one for ethnic jokes, but this is definitely non-discriminatory!)

HAPPY COMPUTING,

Sandi Ross

### MASS COPY II UPDATES

Stephen Lawless has just released a new version of MASS COPY. There seems to have been a problem with the disk initialization routine but it has now been fixed.

All of the old features are included and some new ones were added. The program can be defaulted so that at boot up it is automatically set to work with a two drive or a one drive system. This enables you to start copying right away and avoids selecting parameters.

He has also added a disk catalog feature. It will show you the contents of any disk in drives one through four. It is extremely fast.

I gave the wrong zip code for the author's address in last month's newsletter. The correct address is:

Stephen Lawless

2514 Maple Ave. Cedars

Wilmington, DE 19808

## PRINTER GRAPHICS 2

You typed in last month's program and it worked. Good. I hope you understand how it works or you'll be totally boggled when you get done with this month's program.

This month, as promised, I'll show you how to take a character that you defined using the CALL CHAR statement in BASIC and dump it to your printer.

Because of the way that the TI defines characters with HEX values and from right to left instead of up and down like the printer does we have to do some converting. But first I'll explain the opening lines.

Please consult the charts. They show what is represented and is happening in each line. They are numbered for each line number.

Line 100 just saves us some array space so that we can fool around with the character codes later in the program.

Line 105 redefines character 128 as the TI logo that we worked with last month. Remember how it was defined in binary for the printer last month? That's the problem. We have to convert the TI hex to printer binary. Fun, fun, fun!

If you don't understand lines 110 and 120 go back and read last month's article again.

Line 130 begins the conversion process. First it takes the character pattern of character 128. It then puts each value into the array B\$. But remember that values in HEX can be represented with characters 0-9 and A-F. Well we want to be able to work with the A-F as numbers. This is accomplished by taking the ASCII code of the letter and subtracting 55 from it. Then it is converted back into a string. For example let's say the computer came across a B. The ASCII code of a B is 66. When you subtract 55 from that you get 11. That is the decimal equivalent of a Hex B.

In TI BASIC characters are represented with two codes to represent 8 dots across. Line 140 converts the two 4 dot values and converts them to one 8 dot binary value. The values are then stored in the array named B as numbers. Now the character values are printer dumpable but they are representing the character row by row instead of column by column.

The last thing we have to do is to make that change. Line 150 and 160 do this quite nicely, but slowly, for us. This gets complicated so be careful. This routine takes the number that represents each row of the character and converts them to represent each column so that this information can finally be dumped to the printer. For example, the we are working from left to right and seeing if the dots are on in the values. If they are, it's binary value is added to the total binary column value for that character column.

Line 170 just send a line feed and carriage return to the printer and then closes the parallel port.

Understand all of that? I didn't until I sat down and fiddled around with it for a while. All I can say, again, is to fool around with this program and if you get stumped consult your manuals. The AND function is explained in detail on pages 42-44 of the X-BASIC manual.

```

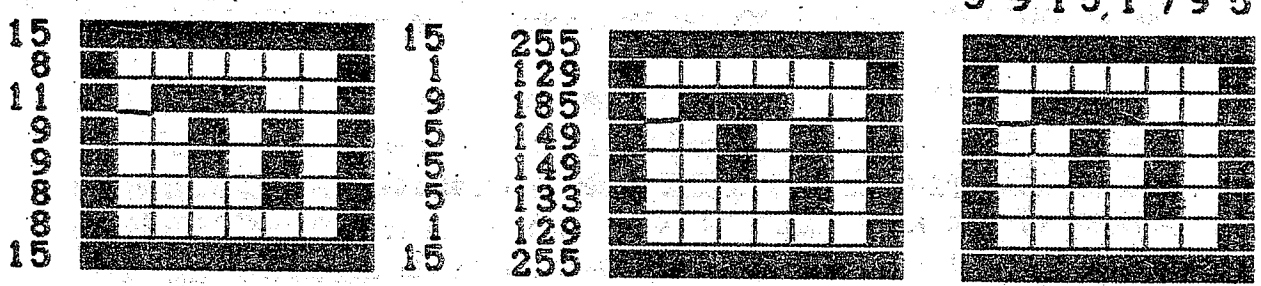
100 DIM B$(16),B(8)
105 CALL CHAR(128;"FFB1B9959585B1FF")
110 OPEN #1:"PIO.CR"
120 PRINT #1:CHR$(27);"K";CHR$(8);CHR$(0)
130 CALL CHARPAT(128,A$):: FOR I=1 TO 16 :: B$(I)=SEG$(A$,I,1)::
    IF ASC(B$(I))>57 THEN B$(I)=STR$(ASC(B$(I))-55)
140 NEXT I :: C=7 :: FOR I=1 TO 15 STEP 2 ::
    B(C)=VAL(B$(I))+VAL(B$(I+1)):: C=C-1 :: NEXT I
150 FOR J=7 TO 0 STEP -1 :: C=0 :: FOR I=7 TO 0 STEP -1 ::
    IF (B(I)AND 2 J)=2 J THEN C=C+2 I
160 NEXT I :: PRINT #1:CHR$(C);: C=0 :: NEXT J
170 PRINT #1:CHR$(10);CHR$(13):: CLOSE #1

```

LINE 150

LINE 130

LINE 140



To turn this routine into a screendump do the following:

```

DELETE: 105
CHANGE THE FOLLOWING LINES TO READ:
120 FOR RR=1 TO 24 :: PRINT #1:CHR$(27);"K";CHR$(256);CHR$(1) ::
    FOR CC=1 TO 32 :: CALL GCHAR(RR,CC,W) :: IF W<32 THEN W=32
130 CALL CHARPAT(W,A$):: FOR I=1 TO 16 :: B$(I)=SEG$(A$,I,1)::
    IF ASC(B$(I))>57 THEN B$(I)=STR$(ASC(B$(I))-55)
170 NEXT CC :: PRINT #1:CHR$(10);CHR$(13) :: NEXT RR ::CLOSE #1

```

This is an EXTREMELY slow screendump. Most screendumps that are written in BASIC print the characters sideways, which saves a lot of program steps. The only other upright screendumps that I've seen have been written in Assembly language because of it's speed of execution.

I don't know what I'm going to do next month. If you want me to explain anything in greater detail that was contained in these articles or want something entirely different that has to do with you printer explained, I'll write about it. Otherwise this will be the final article on printer graphics.

Experiment, Arthur Prescott

**DOUBLE-SIDED MASTERDISK MODIFICATION** From Larry Wilson

(Reprinted from 99'ERS USA NL #11 - 10/84)

Information from Pronto System Conn Link TI BBS in Tampa, Fla. For those of you with double-sided drives and MASTERDISK, the following modifications will allow the program to hold up to 250 disks of information

or a listing for 3000 programs.

1. Place MASTERDISK onto a double-sided disk.
2. Access the program named AD.
3. Call up line 540 and change "IF DT<121" to "IF DT<251"
4. Call up line 550 and change "IF PF>1100" to "IF PF>3000"
5. SAVE file and RUN program.

### Letter to the Editor from the TI-Writer Sub-group

Dear Mr. Editor:

Just wanted to drop you a line to tell you how well we did with our TI-WRITER SUB-GROUP.

After meeting for 5 weeks, about 2 1/2 hrs. per session, (minus 1/2 hr. to feed our faces) our report is one of Great Progress. We are all able to use the transliterate commands, our right and left margins are absolute, and as you can see we use various print modes. We still make little goofs along the way, but -- c'est la vie.

Our GRATEFUL THANKS to our experienced, capable, dedicated, witty, fun-loving (avid pastry eater) teacher, TOM CODERRE. Without you, TOM, it would be back to the old PRINT statements.

VIVA NORTH EASTERN 99'ers.

THE DIRTY HALF-DOZEN,  
Paul, Bill, Tom, Larry,  
Pauline, and Michelle.

#### \*\*\*LIBRARY UPDATES\*\*\*

**AERODYNAMICS** X,B,D6A Learn the four basic principles of aerodynamics. Simply explained, and fun to learn. Great for would-be pilots in the family.

**AIR TRAFFIC CONTROLLER** X,G,D6A Control the landings at a busy airport with lots of traffic. Three runways. Mid-air collisions are something you wish to avoid!

**CLONES** B,G,D7A Gather treasure, but watch out for the spiders! Sound effects, too.

**DISKO DOCTOR** X,Disk Only,D8A Allows you to explore the individual sectors of your diskettes. Back-up your own diskettes which cannot be copied with the Disk Manager.

**FUNHOUSE** B,D6A ADULT parlor game for 2 or more players. Parental consent required.

**HALLWAYS** X,G,D7A Navigate your way through the mazes in this Dungeon.

**HEX CONVERTER** Generates the hexadecimal and binary equivalents of any decimal number. We stopped at 10,000: Dec=10,000 Hex=2710

Binary=10011100010000!

**HOME GARDENER** XB,G,D6A Colorful graphics help you plant your home garden up to 25' x 20'. Facts provided for veggies, soil preparations, fertilizer, etc.

**INDY 500** X,G,J,D6 Here's your chance to drive at the famous Indy race! Fast action.

**HASSCOPY II** X,D Only Copy diskettes in three passes. Offered under agreement with author. If you like it(which you will!), send him \$10.00. Pass the program on to anyone! One-drive owners will wonder how they lived without it. Multiple copies possible on 3-drive systems.

**NEATLIST** X,D8A Utility which lists all variables and line references in a program. Also separates multiple line statements. Useful in debugging programs. Similar to Programming Aids II without the hassles!

**ORGANIZER** XB,D7A This program allows you to formulate thoughts and place them into an outline structure. Word-processing functions to edit text or expand, in detail, any item in the outline and then print the finished item to paper. (HCM Vol5 No1 No2)

**PIG LATIN TRANSLATOR** X,D6A Translates any English sentence into Pig Latin. Remember when?

**STAR TREK** B,G,D6A The Enterprise rides again against the Klingons. Similar to TI-TREK, but without phasers.

**STAR TREK** XB,G,D7A Star Date: 2300.00. Impulse engines, Warp Drive, Phasers, Shields and Torpedos at 100% efficiency, and you are attacked by the entire Klingon Space Fleet. What are your orders, Captain?

**TI-TREK** B,G,D9A(Optional Speech), Command your Starship through the galaxies. Use your shields, warp drive, torpedos and long-range scanner. Speech file included.

**TI WRITER LOADER** X,DBA Loads TI-WRITER in Extended BASIC. Offered under agreement with author. If you like it, pay him. Pass it on!

**TOWER RESCUE** X,G,D7A You are a rescue-craft pilot who must rescue the victims before the building burns!

**WORD PROCESSOR** B,Disk and Cassette,Printer(Optional),D4A Centers, paragraphs, prints draft or final copy. (XBASIC version available in Library)

#### REVISED HOME COMPUTER MAGAZINE SHIPPING SCHEDULE

HCM has revised their shipping schedule since we originally printed it in our March issue. Here it is:

Vol. 5-1.....February 11, 1985	Vol. 5-2.....March 28, 1985
Vol. 5-3.....April 22, 1985	Vol. 5-4.....May 28, 1985
Vol. 5-5.....July 1, 1985	Vol. 5-6.....August 5, 1985
Vol. 5-7.....September 9, 1985	Vol. 5-8.....October 14, 1985
Vol. 5-9.....November 15, 1985	Vol. 5-10.....December 16, 1985

Thanks again to Mike Costic of Mike's C.P. & Software for providing us with this information.



# THE TI CHALLENGE

By Crazy Eddie

TESTING, TESTING, TEST...1,2,3,4

HELLO!!!

IS THIS THING WORKING??

Hi folks, remember me? I'm still waiting for my first letter from ANYONE!! If you didn't read last month's newsletter I will repeat my challenge:

Write a program to analyze and display each possible combination of letters from a word of at least seven letters. The program must not skip any combinations and must not repeat any either. Every possible combination must be printed once and ONLY once.

I'll settle for anything. Solutions, questions, suggestions, fan mail from some flounder, etc., etc. BUT PLEASE WRITE.

I NEED FEEDBACK.

If you missed the point of the first article, I want to challenge you people to program (or teach) the computer to perform a task. I know a lot of you just turn on your computer and plug in a cartridge of load a program. But, I've also met many people who are capable of at least simple programming. Please write and share your knowledge with the membership. WE NEED YOU.

If you're still wondering why I want people to take the challenge, let me try to explain. A lot of people are put off by the word "programming". Think of your computer as a puppy dog. You want to teach him to give you his paw. You know that it's possible because you have seen other dogs do it. How do you teach your puppy. Well, you might first teach him to come when you call his name. Next, teach him to obey you when you say "sit". And finally, you show him to "shake hands".

Now let's pretend we transplanted a 99/4A into old FIDO. Our program might look like this:

```
100 CALL DOG("FIDO")
110 IF COMMAND="SIT" THEN SIT ELSE 100
120 IF COMMAND="SHAKE HANDS" THEN 140
130 GOTO 100
140 RAISE RIGHT PAW
150 DROOL
160 EAT COOKIE
```

It might seem ridiculous, but you did "program" your dog to "shake hands"! Programming is nothing more than teaching, or training, or showing, or whatever word you're comfortable using instead of "programming". You might not know the language the computer understands, but you know what you want to do. Just use your computer's instruction book as an English to Computer translation dictionary.

This is a drawback, as it is easier to "talk" directly to the computer.

Imagine if your uncle from Greece tried to get your dog to "shake hands". He'd say something and the dog wouldn't understand. The dog might even think "Sounds Greek to me." (Smart dog). But, without you to translate his Greek to English, he would never be able to "shake hands" with your dog.

So, don't be afraid to translate your ideas into a program. Or, if you can't program, just send your ideas to:

#### THE TI CHALLENGE

C/O Crazy Eddy  
901 Bernon St.  
Woonsocket, RI 02895

I will present my solution to the first challenge as soon as I hear from some of you. Till then, see what you can teach your dog, or better yet, your computer.

CRAZY EDDY

P.S. Remember DOG spelled backwards is GOD, but EVIL spelled backwards is LIVE!

#### SELL & SNAP

Two new 32K Memory Cards \$60 each.....Don Gauvin 828-8607  
D&W Monitor (composite) \$25.....John Rehrrens 568-2242  
Percom Disk Drive and 32K stand-alone both \$275..Jim Hansond 821-9575  
TI Dot Matrix Printer v.g. condition asking \$225..Tom Coderre 726-1190

This section is available free of charge to all members. Maximum length is 80 characters.

#### CRAWL

From THE ROM NEWSLETTER

(Reprinted from March 1985 Atlanta 99/4A CALL NEWSLETTER)

If you have ever noticed the messages that move across the bottom of your television screen when the station wants to bring an important announcement to your attention you might have wondered how you could use such a device in your programs.

This short routine in X-Basic allows you to have a message "crawl" across the screen until a key is pressed. To alter the speed of the crawl or change the message, just change the values of the variables D and C\$. To make the crawl appear at an row on the screen just change the row value in the DISPLAY AT statement on line 130.

```
100 REM %CRAWL% TI EXTENDED BASIC
110 D=5 :: C$="THIS MESSAGE WILL CRAWL ACROSS THE BOTTOM OF THE SCREEN UNTIL A
KY IS PRESSED."
120 C$=RPT$(" ",28)&C$ :: CALL CLEAR
130 FOR X=1 TO LEN(C$) :: DISPLAY AT(24,1):SEG$(C$,X,28) :: FOR Y=0 TO D ::NEXT
Y :: CALL KEY(0,K,S) :: IF S<>0 THEN 150
140 NEXT X :: GOTO 130
150 STOP
```

GAMES

WORDS

\*\*\*\*\*  
 \*HDISBVBPZCPPYDPVYUNYRIIXO\*  
 \*ZRNZVZBASEBALLESLCCPQENWY\*  
 \*VLDVCWCUCQWVJTVRIVLOKLEBFF\*  
 \*ZMCPZEJBWAI PAEFQTQLOZSUXZ\*  
 \*HNLMDBYVCJZPDYVMVCYWRUPBI\*  
 \*TVTUEABVHOOAAVCBSQCEQKQYQ\*  
 \*NZXNXLWLXPVHSHLLCIGXSMAHN\*  
 \*FWZCWPYBENALUBXQYOVNZNMPS\*  
 \*IVDHSIOYIZTPRUFVRVKHMALOH\*  
 \*CTPMCNEKGWEQDTGKDRGASGTSR\*  
 \*EKGAUEHONFSJAFCDZFZTHJRAZM\*  
 \*ZRBNCRWLUAMIYUFSLFDKOBCT\*  
 \*TKNCJQSUKMYBFJLCKZSNEZRW\*  
 \*CNBIPBREMYYCHIXSWQCUABKRK\*  
 \*EEIUJYYPWPCAADRIEYRMZUBPC\*  
 \*DHRFXFGHCEUZPPQWBPBAJOFEO\*  
 \*REGGORFQLRRSJUMQZWWHFVMRN\*  
 \*NBZKKJUCEXFMBYEVCMSVRWUG\*  
 \*PZVMPUIDTEATADLJJHYEVADTO\*  
 \*NTYGJUNONMZWANVRTLQJZXJNB\*  
 \*SPDIKEOKDJPWHSIRBIMRQGDEO\*  
 \*ATUSFFNTUPARSECAONMXJSRVN\*  
 \*VAAEGEPOPQIENEJQKVTJJDKDG\*  
 \*JXDIZXWSECNALUBMAPFAWZPAO\*  
 \*OJBBURGERTIMEHTRAYLFREPUS\*  
 \*\*\*\*\*

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 MUNCHMAN  
 WUMPUS  
 INVADERS  
 POPEYE  
 CONGOBONGO  
 BUCKROGERS  
 FROGGER  
 ADVENTURE  
 BURGERTIME  
 MASH  
 AMBULANCE  
 SUPERFLY  
 BIGFOOT  
 DEFENDER  
 SHAMUS  
 PACMAN  
 SEWERMANIA  
 BASEBALL  
 ALPINER

**EDITOR'S NOTES**

Send your articles, tips, amusing stories, or anything you think would be of interest to the members to:

ARTHUR PRESCOTT  
 136 HATFIELD ST.  
 PAWTUCKET, RI 02861

I would like to thank Ed Jutras again for writing his "CRAZY EDDIE" series. You really have to think when you read his articles. Let's give him a show of support and send him some letters.

I would also like to start printing short little programs in the newsletter each month. It could be sound, graphics, a utility, or just about anything. It shouldn't be much longer than 30 lines.

The current ad rates are:

Centerfold(8 1/2" x 11"): \$60.00	Full page(5 1/2" x 8 1/2"): \$40.00
Half page(5 1/2" x 4 1/4"): \$20.00	Quarter page(2 3/4" x 4 1/4"): \$10.00

Make checks payable to: NORTH EASTERN 99'ers. All materials must be received by the 5th of the month to be included in that month's newsletter.

If you have any questions contact me at the meeting or give me a call.

25-50% OFF ALL CARTRIDGES

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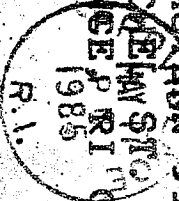
JUNE 14-16

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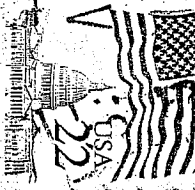
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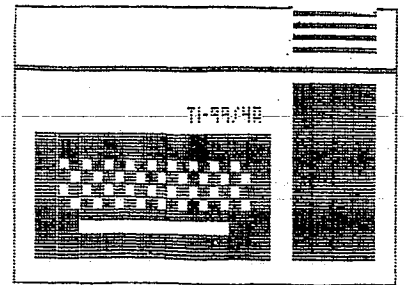
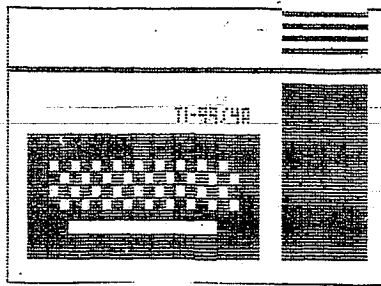
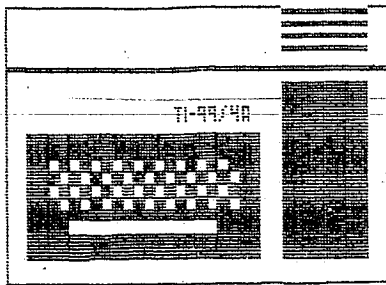
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