

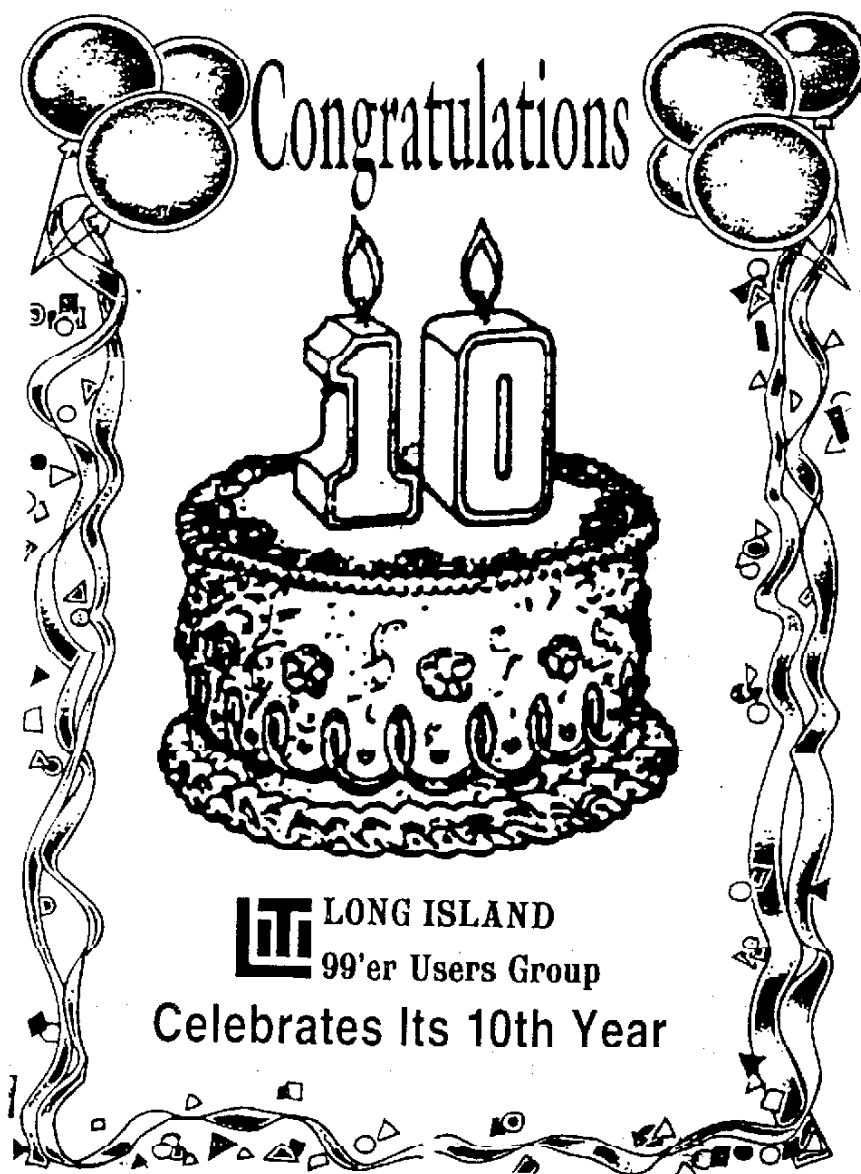


**LI LONG ISLAND  
99ER USERS GROUP**

VOL #12 NO.04

APR. 1993

\$2.00



**LI LONG ISLAND  
99'er Users Group  
Celebrates Its 10th Year**

# \* 1993 FAIR SCHEDULE \*

Compiled by Frank J. Bubenik Jr. (NL Editor)

APR 3, 1993 (SAT) LONG ISLAND - MARRIOTT HOTEL - TSCF.  
HAUPPAUGE, NY. I-495 EXIT 57. I-454 NORTH TO MOTOR  
PARKWAY EAST. 9:30 AM TO 3:30 PM. 140 TABLES. \$6.00

APR 10, 1993 (SAT) MEADOWLANDS CONVENTION CTR AT  
HARMON MEADOWS PLAZA DRIVE. NJ TRPK EXIT 16E OR 17  
10 AM TO 4 PM. 350 TABLES. \$6.00. TSCF.

APR 17, 1993 (SAT) BOSTON-NORTHEAST COMPUTER FAIR.  
WALTHAM HIGH SCHOOL, WALTHAM, MA. BOSTON COMPUTER SOC.  
TI99/4A UG. Contact: RON WILLIAMS, 14 EAST ST. AVON,  
MA. 02322. OR MIKE FRANCIS (617) 965-5653. \*ONLY EAST  
COAST TI SHOW\*. ROUTE 128, TOTTEN POND ROAD FOR 1.5  
MILES EAST TO LEXINGTON STREET, THEN .5 MILES NORTH  
TO WALTHAM H.S. 10AM/4PM. \$3.00 ADMISSION.

MAY 15, 1993 (SAT) WAYNE, NJ - WM. PATTERSON COLLEGE  
I-80 TO RTES 46/23. 400 TABLES. 10 AM TO 3 PM. KGP

MAY 14/15, 1993 (FRI/SAT) LIMA MULTI USER GROUP  
CONFERENCE. OHIO STATE UNIVERSITY LIMA CAMPUS.  
INFO: CALL CHARLES GOOD. (419) 667 3131 EVENINGS.  
WRITE: LIMA 99/4A UG. P.O. BOX 647, VENEDOCIA, OH 45894.

NOV 12/13, 1993 (FRI/SAT) \*11TH ANNUAL CHICAGO  
INTERNATIONAL FAIREX. ELK GROVE HOLIDAY INN. HOTEL RES.  
708) 437-6010 CODE "IWF". JIM DEARDS NEW CHAIRPERSON.

NOV 14, 1993 (SUN) MILWAUKEE TI FAIRE. INFO CALL  
GENE HITZ (414) 535-0133.

LIMA 99ERS NEWSLETTER IS NOT RESPONSIBLE FOR CANCEL-  
ATIONS. CALL THE NUMBERS BELOW TO VERIFY TIME AND DATES  
BEFORE YOU GO.

\* Ken Gordon Productions (KGP) SHOWS COST \$8.00-  
\$1.00 discount cards are sent to those people on there  
mailing lists. Call (800)631-0062 OR (908)297-2526 for  
info. (rev 2/20/93).

\* Tri-State Computer Fairs (TSCF) SHOWS COST \$6.00-  
\$1.00 discount cards available by mail. Call Robert  
Barlow (201) 533-1991 for info. (rev 3/18/93).

Don't miss the bargains on computers, software, IC's,  
peripherals, printers, monitors, parts, supplies and  
books.

 *Happy Easter-Happy Passover*

XB MISCELLANEOUS #23  
By EARL RAGUSE

ELEMENTARY XB PROGRAMMING (CONT) THIS IS ARTICLE 6 IN AN 8 PART SERIES THAT STARTED WITH XB MISCELLANY #18. IF YOU ARE A NEW READER, AND DO NOT HAVE ACCESS TO REST OF THIS SERIES, PLEASE CONTACT ME OR THE NEWSLETTER EDITOR.

WELL, I AM HOLDING UP PRETTY WELL, HOW MANY OF YOU HAVE I LOST SO FAR?

THIS TIME WE HAVE ON THE OPPOSITE PAGE, THE LOAD MODULE, AND ITS ASSOCIATED GETIT SUBPROGRAM, THE CAT ROUTINE FOR THOSE OF YOU WITH POOR MEMORIES, AND AT LAST THE EDIT MODULE. I KNOW THAT IS WHAT YOU HAVE BEEN WAITING FOR TO CORRECT ALL THE GOOFS YOU MADE USING THE ENTER MODULE. WHEN WE ARE DONE WITH THIS PART, WE WILL BE ABLE TO ENTER, SAVE, RETRIEVE, DISPLAY, AND EDIT OUR RECORDS. NOW WOULDN'T IT BE NICE IF WE COULD PRINT THEM. PATIENCE, WE DO THAT NEXT MONTH.

LINES 1400-1490 JUST CALL GETIT(FIL\$, REC\$(,),N)

GETIT EXPECTS THE FILE NAME VARIABLE FIL\$, THE ARRAY VARIABLE NAME REC\$(,), AND N, NUMBER OF RECORDS, IN THE CALL STATEMENT. IT EXPECTS NOTHING IN THEM, IT WILL ONLY RETURN DATA IN THEM.

LINE 4210 PROMPTS YOU FOR THE DRIVE NUMBER, AND STORES IT IN D\$. AN ON ERROR 4215 WILL CAUSE A MISPELLED FILE NAME OR WHATEVER TO RETURN TO 4215 WHERE YOU MAY CORRECT YOUR STUPID ERROR, OR ADMIT -YOU DIDN'T KNOW THE FILE NAME IN THE FIRST PLACE. YOU MAY ENTER A DD TO HAVE A CATALOGING SUB-PROGRAM CAI GIVE YOU THE SCOOP. I WON'T DESCRIBE HOW THIS WORKS, I STOLE MOST OF IT FROM THE

TI DISK CONTROLLER MANUAL. IT HAS SOME CUTE LITTLE QUIRKS THAT I ADDED, BUT I HAVE TALKED ABOUT THOSE BEFORE.

ASSUMING THAT YOU FINALLY ENTER THE CORRECT FILE NAME, LINES 4225-30 WILL OPEN THE FILE, AND DISPLAY A "READING RECORD" J PROMPT.

LINES 4235-45 ACTUALLY READ (INPUT) THE RECORDS, AND OPTIONALLY WILL DISPLAY THEM IF YOU REMOVE THE !. I USE THAT FOR TROUBLE SHOOTING ONLY. BE SURE TO ALSO ! OUT THE ON ERROR STATEMENTS, OR YOU WILL BE DRIVEN ERROR CRAZY.

LINE 4250 CLOSES THE FILE, BRAGS A BIT, COMPUTES THE ACTUAL NUMBER OF RECORDS READ, RETURNS THEM IN N. FAILURE TO CLOSE A FILE CAN BE A DISASTER.

NOW THE COUP DE GRACE, THE EDIT MODULE, WHERE WE FIX ALL OUR ERRORS.

THE EDIT MODULE BEGINS ON LINE 1500, WITH THE WELL WORN TWO LINES TO CHECK IF WE, IN FACT, HAVE DATA TO EDIT, ARE LEGIT, AND HAVEN'T SIMPLY SELECTED EDIT OUT OF MERE CURIOSITY. IF YOU UNDERSTOOD HOW THE DISPLAY MODULE WORKED, YOU ARE IN LIKE FLYNN. YOU MAY ENTER THE NUMBER OF A SPECIFIC RECORD IF YOU KNOW IT, ELSE ENTER 00, AND SCAN THE RECORDS. YOU MAY SCAN FWD AND REV BY SELECTING NEXT OR LAST. WHEN YOU FIND IT, PRESS EDIT. NOW EXCEPT FOR LINE 1575, AND THE SUBROUTINE 2100 WHICH PUTS THE RECORD ON THE SCREEN, LINE 1580, IS IDENTICAL TO THE ACCEPT AT OF DATA ENTRY THERE IS A PROMPT "MORE EDIT QUIT". LINE 1585 JUST USES GO AND ON TO FOLLOW YOUR INSTRUCTIONS. MORE WILL RETURN YOU TO LINE 1510 FOR ANOTHER RECORD CHOICE. EDIT WILL GO BACK TO 1580 TO RE-EDIT AND QUIT RETURNS TO MENU (LINE 140).



THIS IS THE LOAD MODULE

```
1400 CALL CLPUT("LOAD DATA S
ECTION",2)
,N)
1410 CALL GETIT(FIL$,REC$(,),N)
1490 CALL PAK :: GOTO 140
```

THIS IS GETIT

```
4200 SUB GETIT(FIL$,VAR$(,),
N)
4210 CALL PUT("ENTER DRIVE#
,12):: CALL GKEY(Q,24):: IF
(Q-48)<1 THEN 4210 ELSE D$=
CHR$(Q):: ON ERROR 4215
4215 CALL PUT("ENTER FILE NA
ME",12):: CALL PUT("IF YOU C
AN'T REMEMBER ",20):: CALL P
UT("SAY DD FOR DISK DIRECTOR
Y",22)
4220 DISPLAY AT(16,10):FIL$
:: ACCEPT AT(16,10)SIZE(-10)
:FIL$ :: IF FIL$="DD" THEN C
ALL CAT :: CALL CLEAR :: GOT
O 4215
4225 OPEN #3:"DSK"&D$&". "&FI
L$,INPUT :: DISPLAY AT(10,8)
:"READING RECORD";:: ON ERRO
R STOP
4230 FOR J=1 TO 200 :: DISPL
AY AT(10,22):J
4235 IF EOF(3)THEN 4250 :: L
INPUT #3:A$
4237 FOR K=1 TO 5
4240 IF EOF(3)THEN 4250 :: L
INPUT #3:VAR$(J,K):: DISPLA
Y AT(9+K,2):VAR$(J,K)! OPTIO
NAL DISPLAY
4245 NEXT K :: NEXT J
4250 CLOSE #3 :: CALL CLPUT(
"I READ "&STR$(J-1)&" RECOR
D S",12):: N=J-1 :: SUBEND
```

THIS IS CAT (PET IT NICELY)

```
6300 SUB CAT
6305 ! NEEDS GKEY, PAK & CLS
6310 ! E RAGUSE 10/90
6320 DISPLAY AT(10,1)ERASE A
LL:" ENTER DRIVE# TO CATAL
OG" :: CALL GKEY(Q,24):: D$=
CHR$(Q):: CALL CLS(10,11)
6330 OPEN #1:"DSK"&D$&". ",RE
LATIVE,INTERNAL,INPUT
6340 INPUT #1:A$,L,L,L ! REA
D AND TOSS
```

```
6350 X,Z=0 :: FOR F=1 TO 127
:: INPUT #1:A$,T,J,K :: IF
A$="" THEN F=127
6360 Y=2-14*(Z=1)
6365 IF ABS(T)=2 THEN DISPLA
Y AT(X+3,Y)SIZE(14):A$ ELSE
X=X-1 :: GOTO 6370
6370 IF X<18 THEN X=X+1 ELSE
X=0 :: Z=1-Z
6380 NEXT F :: CLOSE #1 :: C
ALL PAK :: SUBEND
```

THIS IS THE EDIT MODULE

```
1500 CALL CLPUT("DATA EDITIN
G SECTION",2)
1505 IF N<1 THEN CALL PUT("Y
OU HAVE NO DATA TO EDIT",12)
:: GOTO 1590
1510 CALL CLS(5,20):: CALL P
UT("IF YOU KNOW THE RECORD",
8):: CALL PUT("NUMBER, ENTER
THAT NUMBER",10):: CALL PUT
("ELSE ENTER 00",12)
1515 ACCEPT A(14,13):J :: I
F J<>0 THEN 1575 ELSE J=1 ::
CALL CLS(5,20)
1520 DISPLAY AT(7,10):"RECOR
D";J :: GOSUB 2100
1530 CALL CLS(22,22):: CALL
PUT("PRESS FIRST LETTER TO",
23):: CALL PUT("EDIT NEXT
LAST QUIT",24)
1540 CALL GO("ENLQ",Q):: IF
Q=0 THEN 1540 ELSE ON Q GOTO
1580,1550,1560,140
1550 DIR=1 :: GOTO 1565
1560 DIR=-1 :: GOTO 1565
1565 J=J+DIR :: IF J<1 OR J=
N THEN 1570 ELSE IF J>N THEN
140 ELSE 1520
1570 CALL CLS(22,24):: CALL
PUT("THAT'S ALL",22):: GOTO
1520
1575 CALL CLEAR :: IF J>N TH
EN 1570 :: DISPLAY AT(7,10):
"RECORD";J :: GOSUB 2100
1580 FOR I=1 TO 5 :: CALL KE
Y(5,K,S):: ACCEPT AT(I+9,3)S
IZE(-24):REC$(J,I):: NEXT I
:: CALL PUT("MORE EDIT QUI
T",23)
1585 CALL GO("MEQ",Q):: IF Q
=0 THEN 1585 :: ON Q GOTO 15
10,1580,140
1590 CALL PAK :: GOTO 140
```



+=====+  
 +  
 +LITI 99ERS 1993 GENERAL ELECTION RULES+  
 +  
 +=====+

APR							1993		
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							30		

General Elections for the officers of the LONG ISLAND TEXAS INSTRUMENTS 99/4A USER GROUP will be held at the APRIL 9, 1993 meeting.

The following elected positions are available:

**PRESIDENT:** Leadership oriented person to chair the BOARD OF DIRECTOR'S meeting and the GENERAL MEMBERSHIP meeting, officiate at all LITI functions and act as a focal point/co-ordinator for all other organization business. Creativity and the ability to motivate others are a definite plus. Election by the general membership required.

**VICE-PRESIDENT:** Performs the proceeding functions when the President is unavailable. Election by general membership required.

**TREASURER:** Competent financial comptrol -ler, honest, and resourcefull. Ability to maintain a set of accounts a plus. Election by the general membership required.

**SECRETARY:** Responsible for the record keeping and the minutes of the Board and General meetings. Election by the membership required.

**RULES OF THE GENERAL ELECTION.**

1) Only active members in good standing may vote as described below:

2) The Treasurer and his assistants will hand out voting forms to ONE member of each Family membership. Student memberships each receive ONE vote.

3) If you wish to submit your name for any position listed, please contact me by mail at: 572 CENTER DRYE AVE. WEST ISLIP,NY 11795.

4) NOMINATIONS from the floor will be accepted starting at 8:00 PM on the night of the election. If NO nominations are received from the floor, the present Secretary will cast one vote for the nomination committee's slate.

The decision of the Judges is final.... You are the JUDGE so remember to attend and vote.

Thank you,

JOSEPH E. SCOTT JR.  
 Chairperson, Nominating Committee.



✓ The following tip is re-printed from the April 1990 issue of the WEST PENN 99'ERS Newsletter. Given the number of "newer" users with us now, I thought a jog back might be in order. Besides, cassette to disk transition can result in years and years of therapy, and . . .

---

TRANSFERRING SCOTT ADAMS ADVENTURES FROM CASSETTE TO DISK.  
By Carl Chiarenza  
Pittsburgh User Group

When the word "cassette" is mentioned, a lot of moans and groans can be heard, by both cassette users and disk users alike, and many, for good reason.

As most of you know, the Scott Adams Adventure Series is available either on disk or cassette. Unfortunately, for those of you who purchased one of these games on cassette, and have upgraded to a disk system, you may have found out that it was next to impossible for you to transfer your Scott Adams adventures over from cassette to disk.

Fortunately, there is a solution to this problem, even if you don't own the Adventure Editor, which was distributed by Tex-Comp.

Believe it or not, you can accomplish this task in less than 10 minutes using the Tunnels of Doom module.

Just "load" the Scott Adams adventure game that you wish to transfer, like you would any regular TOD game, and as soon as it is finished loading, select the "save" option, and immediately save it out to disk. It's as simple as that! The only drawback using this method is that any adventure module game which is larger than 52 sectors will not "load" into the TOD module, so you will be out of luck when this occurs. Also, you will notice a few odd characters when you go to play your converted games. Do not be alarmed, as this is normal. Your games will execute properly, without any errors, and having to accept a few strange characters on your screen will seem like a small price to pay in order to have your Scott Adams cassette-based adventures now available to you on disk.

---

## HAPPY EASTER.

---

✓

### Genie

I am sure that many in the TI/Genie community have had occasion to miss the presence of John Johnson and at least wonder how he is doing. Well; you don't have to wonder anymore because; He's back!!!

Regrettably; the first item below will be presented a little late due to newsletter scheduling, but I trust everyone will do what they can to say "Welcome back!"

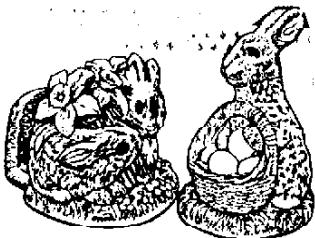
From: BW.MILLER  
Sub: RTC Guest

Beery W. Miller

Hello TI RT Members; Next Monday, February 8, 1992, the TI RT will be hosting a conference with John Johnson. John used to be one of the assistant sysop's on this RT until he relocated to Korea due to military constraints. John will be discussing his latest projects that "could" open many eyes. Let's welcome John by being present at this RT at 9pm EST, 8pm CST, 7pm Pacific time. It promises to be a joyful and learning evening.

As a bonus, John will be coming aboard as our resident programming GURU and should be able to help in any problems you have in the area of programming, not to say that our current staff lack experience.

See you next week at the RTC.  
Beery Miller - TI and Orphans RT Sysop



# Happy Passover



TIPS FROM THE TIGERCUB

No. 70

Tigercub Software  
156 Collingwood Ave.  
Columbus, OH 43213  
#####

My three Nuts & Bolts disks, each containing 100 or more subprograms, have been reduced to \$5.00 each. I am out of printed documentation so it will be supplied on disk.

My TI-PD library now has over 600 disks of fairware (by author's permission only) and public domain, all arranged by category and as full as possible, provided with loaders by full program name rather than filename, Basic programs converted to XBasic, etc. The price is just \$1.50 per disk(!), post paid if at least eight are ordered. TI-PD catalog #6 is available for \$1 which is deductible from the first order.

I still like to program "brain games". Here is one of the most devilish of all.

```
100 DISPLAY AT(2,3)ERASE ALL
:"THE FORE AND AFT PUZZLE":
:" Try to get the numbers in
the lower half and the
letters in the upper half
."
110 DISPLAY AT(8,1):" You can
move horizontally or verti-
cally to the vacant square
or jump over one space to
the vacant square."
120 DISPLAY AT(12,1):"but num-
bers can only move right
and down, letters can only
move left and up!" program
ed by Jim Peterson
130 DISPLAY AT(16,1):" Type
the number or letter to mov-
e or FCTN 8 to start over o-
r FCTN 7 for a demo."
140 DISPLAY AT(20,1):" It can
be done in 46 moves but pr-
obably not in more than 4
```

6 because you will getstuck.

```
150 DISPLAY AT(24,8):"PRESS
ANY KEY" :: DISPLAY AT(24,8)
:"press any key" :: CALL KEY
(0,K,S):: IF S=0 THEN 150
160 CALL CLEAR :: CALL COLOR
(0,16,16,3,16,5,4,16,5,5,16,
7,6,16,7,9,2,2,12,16,16):: C
ALL SCREEN(2)
170 A$=RPT$(***,9):: GOSUB 3
30 :: GOSUB 340 :: V$="12345
6789ABCDEF6H"&CHR$(1)&CHR$(6)
180 CALL CALLKEY(24,1,V$,C$)
:: V=ASC(C$)<65 :: IF C$=CHR
$(6)THEN GOSUB 330 :: GOSUB
340 :: GOTO 180
190 IF C$<>CHR$(1)THEN GOSUB
220 :: GOTO 180
200 GOSUB 330 :: GOSUB 340 :
: FOR N=1 TO 46 :: C$=SEG$(
A87AC63CF687FBE635F21ABEH87D
354BED21CD654GH21H",N,1):: V
=ASC(C$)<65 :: GOSUB 220 ::
NEXT N
210 FOR D=1 TO 500 :: NEXT D
:: GOSUB 330 :: GOSUB 340 :
: GOTO 180
220 FOR J=3 TO 7 :: P=POS(M$
(J),C$,1):: IF P=0 THEN 230
ELSE X=J :: J=7 :: GOTO 240
230 NEXT J
240 IF V=-1 THEN 260 :: T=X-
1 :: GOSUB 290 :: IF F=1 THE
M F=0 :: RETURN ELSE T=X-2
: GOSUB 290 :: IF F=1 THEN F
=0 :: RETURN
250 T=P-1 :: GOSUB 310 :: IF
F=1 THEN F=0 :: RETURN ELSE
T=P-2 :: GOSUB 310 :: IF F=
1 THEN F=0 :: RETURN ELSE 28
0
260 T=X+1 :: GOSUB 290 :: IF
F=1 THEN F=0 :: RETURN ELSE
T=X+2 :: GOSUB 290 :: IF F=
1 THEN F=0 :: RETURN
270 T=P+1 :: GOSUB 310 :: IF
F=1 THEN F=0 :: RETURN ELSE
T=P+2 :: GOSUB 310 :: IF F=
1 THEN F=0 :: RETURN
280 CALL SOUND(500,110,0,-4,
0):: RETURN
290 IF SEG$(M$(T),P,1)<"c"
THEN RETURN
300 M$(T)=SEG$(M$(T),1,P-1)&
C$&SEG$(M$(T),P+1,255):: M$(
X)=SEG$(M$(X),1,P-1)&"e"&SEG
$(M$(X),P+1,255):: GOSUB 340
:: F=1 :: RETURN
310 IF SEG$(M$(X),T,1)<"c"
```

```
THEN RETURN
320 M$(X)=SEG$(M$(X),1,T-1)&
C$&SEG$(M$(X),T+1,255):: M$(
X)=SEG$(M$(X),1,P-1)&"c"&SEG
$(M$(X),P+1,255):: GOSUB 340
:: F=1 :: RETURN
330 M$(1),M$(2),M$(8),M$(9)=
A$ :: M$(3)="123" :: M
$(4)="456" :: M$(5)="
78cAB" :: M$(6)="cDE"
" :: M$(7)="FGH" :: R
ETURN
340 FOR J=8 TO 16 :: DISPLAY
AT(J,10):M$(J-7):: NEXT J :
: RETURN
350 SUB CALLKEY(R,C,V$,K$)
360 CALL HCHAR(R,C+2,30):: F
OR T=1 TO 3 :: CALL KEY(0,K,
S):: IF S<>0 THEN 390
370 NEXT T :: CALL HCHAR(R,C
+2,20):: FOR T=1 TO 3 :: CAL
L KEY(0,K,S):: IF S<>0 THEN
390
380 NEXT T :: GOTO 360
390 IF POS(V$,CHR$(K),1)=0 T
HEN 360 ELSE K$=CHR$(K)
400 SUBEND
```

I don't think this is very useful, but somebody asked me for it - it converts decimals to fractions.

```
100 CALL CLEAR :: CALL CHAR(
95,"000000FF")
110 DISPLAY AT(12,1):"Decima-
l?" :: ACCEPT AT(12,10):D :
: I=1
120 IF INT(D)<>D THEN D=D*10
:: T=T*10 :: DISPLAY AT(14,
1):D :: DISPLAY AT(16,1):T :
: GOTO 120
130 DISPLAY AT(14,1):D :: DI
SPLAY AT(15,2):RPT$( "_",LEN(
STR$(T))):: DISPLAY AT(16,1)
:T
140 FOR J=2 TO 5 STEP 3
150 IF D/J=INT(D/J)AND T/J=I
NT(T/J)THEN D=D/J :: T=T/J :
: DISPLAY AT(14,1):D :: DISP
LAY AT(16,1):T :: GOTO 150
160 NEXT J :: GOTO 110
```

Several years ago, John Hamilton wrote a program you could use to key in a program with TI-Writer, then merge it in, delete the "!" after each line number, and run it as a program. Its on-

ly problem was with lines of over 80 characters. Since then, better programs have been written - ILATE and TEXTLOADER - which do not require deleting anything but they still have some trouble with long lines and with missing spaces. This little version overcomes those faults but you do have to delete the "!".

Try keying in a program into the Funlweb Editor, be sure to put a carriage return at the end of each program line. When finished, check each program line which has wrapped around to two lines. If the first character in that second line should be preceded by a space, insert a space as its first character. Then save the file with the PF option and run this little program. Enter NEW, merge in the output file by MERGE DSKn.filename, go through it with FCTN X and FCTN I deleting the "!" after each line number, and it should run as a program.

```
100 DISPLAY AT(12,1)ERASE AL
L:"Input file? DSK:""::"Outp
ut file? DSK"
110 ACCEPT AT(12,16):A$ :: A
CCEPT AT(14,17):B$
120 OPEN #1:"DSK"&A$,INPUT :
: OPEN #2:"DSK"&B$,VARIABLE
163,OUTPUT
130 LINPUT #1:M$
140 IF POS(M$,CHR$(13),1)=0
THEN LINPUT #1:M2$ :: M$=M$&
M2$ :: GOTO 140 ELSE M$=SEG$(
M$,1,LEN(M$)-1)
150 X=POS(M$, " ",1):: Y=VAL(
SEG$(M$,1,X-1))
160 PRINT #2:CHR$(INT(Y/256)
)&CHR$(Y-256*INT(Y/256))&" "
&SEG$(M$,X+1,255)&CHR$(0)
170 IF EOF(1)<>1 THEN 130 EL
SE CLOSE #1 :: PRINT #2:CHR
(255)&CHR$(255):: CLOSE #2
```

I had a question from a friend who wanted to key in some pieces of information in Funnelweb and then sort

them. Trouble was, the data tended to be more than 80 characters long. Therefore it was saved as two or more separate records, which a sort scrambled into garbage.

So, how do you create and sort long records of varying length? The easiest way is to let the disk drive controller do it for you. Just type whatever you want, as long as you want, then save it as a separate file, using the first several letters of the text as the filename. Don't include any spaces or periods, of course. If you are using numbers as filenames, pad them with leading zeros to all the same length such as 001 to 999 or 0001 to 1000.

The drive controller will sort those files alphabetically, and this little program will print them in that sequence -

```
100 CALL CLEAR :: DIM F$(127)
: OPEN #1:"DSK1.",INPUT ,R
ELATIVE,INTERNAL :: INPUT #1
:D$,A,B,C
110 INPUT #1:M$,A,B,C :: IF
A=2 AND C=80 THEN X=X+1 :: F
$(X)=M$
120 IF LEN(M$)<>0 THEN 110 E
LSE CLOSE #1 :: OPEN #2:"PIO
"
130 FOR J=1 TO X :: OPEN #1:
"DSK1."&F$(J),INPUT
140 LINPUT #1:M$ :: IF ASC(M
$)<127 THEN PRINT #2:M$
150 IF EOF(1)<>1 THEN 140 EL
SE CLOSE #1
160 NEXT J :: STOP
```

This method is limited by the fact that you can only put 127 files on a disk, but if you have more than one drive you can have 127 on each one, and use this program -

```
100 DISPLAY AT(12,1)ERASE AL
L:"How many drives?" :: ACCE
PT AT(12,18)SIZE(1)VALIDATE(
NUMERIC):D :: DIM F$(510)
110 FOR J=1 TO D :: OPEN #1:
```

```
"DSK"&STR$(J)!"",INPUT ,REL
ATIVE,INTERNAL :: INPUT #1:D
$,A,B,C
120 INPUT #1:M$,A,B,C :: IF
A=2 AND C=80 THEN X=X+1 :: F
$(X)=M$&"1"&STR$(J)
130 IF LEN(M$)<>0 THEN 120
140 CLOSE #1 :: NEXT J :: CA
LL LONGSHELL(X,F$(J)):: OPEN
#2:"PIO"
150 FOR J=1 TO X :: W=POS(F$
(J),"*",1)
160 OPEN #1:"DSK"&SEGS(F$(J)
,W+1,1)&"."&SEGS(F$(J),1,W-1
)
170 LINPUT #1:M$ :: IF ASC(M
$)<127 THEN PRINT #2:M$
180 IF EOF(1)<>1 THEN 170
190 PRINT #2:"" :: CLOSE #1
:: NEXT J
200 SUB LONGSHELL(N,M$(?))
210 D=N
220 D=INT(D/3)+1 :: FOR I=1
TO N-D :: IF M$(I)<=M$(I+D)T
HEN 250 :: T$=M$(I+D):: J=I
230 M$(J+D)=M$(J):: J=J-D ::
IF J<1 THEN 240 :: IF T$(M$
(J))THEN 230
240 M$(J+D)=T$
250 NEXT I
260 IF D>1 THEN 220
270 SUBEND
```

A recent article in a news letter reminded me of something I knew long ago but had forgotten. If you have been entering a lot of data into a disk file and the program crashes, all is not lost. Just enter CLOSE #1 in command mode and your data will be saved. If you get a FILE ERROR message, just try CLOSE #2 and so on until you hit the right one.

Many user group newsletter editors use a program that puts a code on the address label to indicate when membership expires. Trouble is; no one ever reads their address label!

This quick & dirty little program requires you to prepare your address file in TI-Writer or Funnelweb with name on first line, address on second, city and state on

third, the fourth line blank or—you can use it for additional address, number of expiration month on fifth line and year on sixth. Continue with other addresses, making sure you use six lines for each. Such a file is easy to update with TI-Writer. The program will read addresses from that file and print an address label for everyone whose membership has not expired. It will also optionally print a warning label, which you can slap conspicuously on the front page of the newsletter, if the subscription currently expires or expires next month. If you give a grace period for renewal, you can choose to print an address label and a warning label for those who are one month or two months overdue.

```
100 DISPLAY AT(1,4)ERASE ALL
:"REMINDER LABEL PRINTER"
110 DISPLAY AT(3,1):"Address
file? DSK" :: ACCEPT AT(3,1
8):F$ :: OPEN #1:"DSK"&F$,IN
PUT
120 DISPLAY AT(5,1):"Printer
? PIO" :: ACCEPT AT(5,10)SIZ
E(-20):P$ :: OPEN #2:P$
130 DISPLAY AT(6,1):"Emphasiz
ed print? (Y/N)" :: ACCEPT
AT(6,25)VALIDATE("YN")SIZE(1
):E$ :: IF E$="Y" THEN PRINT
#2:CHR$(27)&"E";
140 DISPLAY AT(7,1):"Doubles
truck print? (Y/N)" :: ACCEP
T AT(7,27)VALIDATE("YN")SIZE
(1):D$ :: IF D$="Y" THEN PRI
NT #2:CHR$(27)&"G";
150 DISPLAY AT(9,1):"Print p
ending expiration notice?
(Y/N)" :: ACCEPT AT(10,15)S
IZE(1)VALIDATE("YN"):PEND$
160 DISPLAY AT(11,1):"Print
current expiration notice
? (Y/N)" :: ACCEPT AT(12,15)
SIZE(1)VALIDATE("YN"):CUR$
170 DISPLAY AT(13,1):"Print
past expiration notice
? (Y/N)" :: ACCEPT AT(14,15)
SIZE(1)VALIDATE("YN"):PAST$
180 DISPLAY AT(15,1):"Print
two months past expira
```

```
tion notice? (Y/N)" :: ACCEP
T AT(16,26)SIZE(1)VALIDATE("
YN"):PAST2$
190 DISPLAY AT(18,1):"Curren
t year?" :: ACCEPT AT(18,15)
:Y :: Y=Y+(Y*99)!:1900 :: Y=Y
-92
200 DISPLAY AT(20,1):"Number
of month?" :: ACCEPT AT(20,
18)VALIDATE(DISIT):M :: X=M+
Y*12
210 IF EOF(1)=1 THEN 330 ::
LINPUT #1:A$ :: IF ASC(A$)=1
28 THEN 330
220 LINPUT #1:B$ :: LINPUT #
1:C$ :: LINPUT #1:D$ :: INPU
T #1:M,Y :: Y=Y+(Y*99)!:1900
:: Y=Y-92 :: M=M+Y*12
230 IF M>X THEN GOSUB 280
240 IF M=X AND CUR$="Y" THEN
GOSUB 290 :: GOTO 210
250 IF M=X+1 AND PEND$="Y" T
HEN GOSUB 300 :: GOTO 210
260 IF M=X-1 AND PAST$="Y" T
HEN GOSUB 280 :: GOSUB 310 :
: GOTO 210
270 IF M=X-2 AND PAST2$="Y"
THEN GOSUB 280 :: GOSUB 320
:: GOTO 210 ELSE GOTO 210
280 PRINT #2:A$:B$:C$:D$:""
:"" :: RETURN
290 PRINT #2:A$:"YOUR SUBSCR
IPTION EXPIRES THIS":MONTH.
PLEASE RENEW NOW SO YOU":M
ILL NOT MISS ANY ISSUES": "
:"" :: RETURN
300 PRINT #2:A$:"YOUR SUBSCR
IPTION EXPIRES NEXT":MONTH.
PLEASE RENEW NOW SO YOU":M
ILL NOT MISS ANY ISSUES": "
:"" :: RETURN
310 PRINT #2:A$:"YOUR SUBSCR
IPTION EXPIRED LAST":MONTH.
PLEASE RENEW NOW SO YOU":M
ILL NOT MISS ANY ISSUES": "
:"" :: RETURN
320 PRINT #2:A$:"YOUR SUBSCR
IPTION EXPIRED":TWO MONTHS
AGO:"THIS WILL BE YOUR LAST
ISSUE":UNLESS YOU RENEW PR
OMPTLY": " " :: RETURN
330 CLOSE #1 :: END
```

Memory just about full -

Jim Peterson

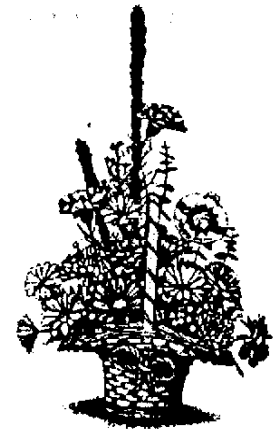


MEETING DATE: APR 09, 1993

LONG ISLAND SOUND


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BY EorI Roguse. U60C-ROM NL.
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- PAGE 8.....TIGER TIPS #70 (CONTINUED).
- PAGE 9.....LIMA 99/4A CONFERENCE FLYER,  
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- PAGE 10.....BOSTON COMPUTER FAIRE AD / MAILER.



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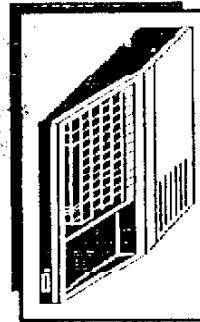
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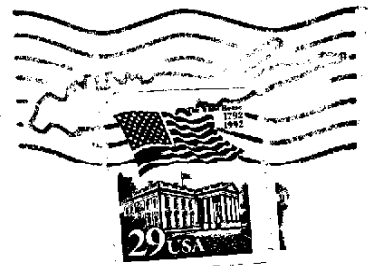
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LONG ISLAND SOUND The Newsletter of the LONG ISLAND 99er's U. G.

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List: Please send me Copies of the Feb 93 NL Thank Frank