THE SNUGLETTER

FROM THE SOUTHERN NEVADA USERS' GROUP

Volume 7 - No. 4   April, 1989

NEXT MEETING

6:30PM MONDAY, APRIL 10, 1989

NEVADA POWER COMPANY MEETING ROOM

6226 WEST SAHARA AVENUE

PRESIDENT'S MESSAGE

Two of our more active members have purchased
Geneve 9640's during the month bringing the total
number of 9640 users to seven. Our average attendance
at the monthly meetings is about fifteen, so this makes
about one half of the active members Geneve users. I
wonder if any of the other users groups can boast this
per-centage? Bob Bieber and Rudy Johnson (your
newsletter editor) are the proud fathers!

I have finally received Paul Charlton's PICTURE
TRANSFER after waiting eleven weeks and sending a
"reminder" letter to Genial. I have seen messages
indicating that other people who have ordered the _
program have had similar delays, so if you are thinking
about ordering it for Christmas you should send your
check no later than September 30... Vowzers!

Running a close second in the "make you wait"
contest is none other than Myarc Inc! Yes, they still
have my HFDC card in the corner of their repair shop.
Perhaps they are waiting for the spider to finish it's
web around the card to see if it gives them some new
ideas for circuits... Obviously, purchasing the
EXTENDED WARRANTY does NOT guarantee a two-day
turnaround time on repairs as their literature about
the warranty indicates. This is at least the third
time I have sent back the card for repairs, and
possibly the fourth. (I've lost track!) I have also
sent back the hard drive three times. The last time I
sent the drive back it checked out o.k. but I was told
that the problem could lie in the P.E. Box power
supply. I bought one of Myarc's power supplies for
$130.00 plus $15.00 shipping and had it sent to me with
the drive. The problem was still there and I have not
seen my card since. Jack Riley did offer to refund my
money but I would have been out $30.00 in shipping so I
kept the power supply.... Jack stated that Myarc has
only had about two percent of their HFDC's go bad so I

must be having everyone else's bad luck for them!

Myarc has released three versions of Advanced
Basic during the month, and each was a substantial
improvement over the previous version. Many of the
functions still do not work, but the ones that do are
very impressive. Apparently Myarc has decided to show
the Geneve users that progress is being made on the
program. They may also be using the 9640 users for
beta testers in order to get a more complete list of
the bugs which remain. Personally, I like this policy
since it gives me something new to play with every week
or so.

I hope to see a good attendance at the monthly
meeting on April 10 as the membership will be voting on
some changes concerning disk library access. See you
there.

BOB

LIBRARIANS REPORT

This is amusing. Last month I couldn't even spell
"librarian" and now I'm writing a report! ....
Well anyway... (And he still can't, spell that is. Ed.)

One of the early lessons a computer operator
finds - when you have more than two disks in your
possession !@$%^&* you cant find anything. So you
write down on a slip, the files on the disk and slip
that into the sleeve. Later a printer arrives and the
chore becomes easier. Over time more programs, files.
disks, a box to hold them.

So disk/files housekeeping becomes a large and
necessary chore if you ever expect to find the software
needed at the time. And its a never ending job.
Lucky for us the SNUG Library has several programs

that catalog and print out everything from one disk to the complete SNUG Library. The SNUG Catalog (as printed out by Librarian Emeritus Bob Bieber) has 78 pages so it's impractical to make one for each member. Also it needs to be updated every six months or so to be up-to-date.

But for the individual, these programs can help greatly in keeping your files organized and visible. They are well worth the effort to acquire and use. If you are using a printer I also recommend picking up a few 4x5 scratch pads. They are small enough to slip into the disk sleeve, and large enough to hold most disk menus.

These programs are in "UTILITYS" classification in the SNUG Library. Utilitys are defined as software tools that (well - like a mechanics tools) enable a computer to preform certain tasks. They vary from John Martin's ONE LINER for counting the words in this report (YE Editor allows me up to 400 words) to DSKU (267 sectors) a utility that does everything with a disk except turn it inside out. Whatever you want to do, its a safe bet that someone has written a utility to do it, and hopefully we can find it in the library.

GEO. CAMPBELL

SECRETARY'S REPORT

MINUTES
MARCH 13, 1989

President Bob Sherburne called The meeting to order at 6:45 p.m. There were 17 members and 3 guests present.

George Campbell, SNUG librarian, demonstrated "Give It The Boot", version 4. This is a menu program to catalog and load files. John Martin demonstrated "Findex", a program for cassette users that organizes and catalogues data on cassette. This program will even search cassettes for file locations. John's comment was, "If I used cassettes, this is a program I would use." High praise indeed. John also demoed "Hypercopy", a track copier program written by Mike Dodd. This program is for the Geneve only.

Tony and Will McGovern recently sent a copy of their new 80-column Funnelweb, which John also demonstrated. The main problem with this is the folks in the back of the room can't see those tiny little letters!

Ralph Guise was the grand prize winner of the raffle, selecting the Editor/Assembler program that the club purchased at the FestWest. The second runner up, Bob McNeill, chose a disc box, with the comment, "These sort of things never happen to me, I never win -

anything!" Congratulations, gentlemen. President Bob asked members to check their TI wares for possible donations to the raffle table, which is getting rather badly depleted. One person's junk is another person's treasure.

There was quite a lot of formal and informal discussion of the recent FestWest in San Diego. Quite a number of members attended, with various and sundry programs and equipment purchased. In addition, our very own Don Mitchell won the grand prize of a complete TI system in the raffle! Rumor has it he sold it before he left the Fest, which more than paid for his trip. Nice luck, huh? The meeting was adjourned at 8:45 p.m.

This was the first meeting I have missed since joining SNUG in July 1987. Karen Rogers was kind enough to do the minutes for the March SNUG meeting. Thank You Karen, I appreciate the fine job you did. The Officers meeting was held March 27th at my home. Among the discussions was an idea of possibly adding a disk of programs to the bulletin board every month. This would give members a chance to see what is available in the SNUG library. There are also many members who are unable to attend the meetings and this would give them a chance to add to their library. This would be an additional service to the regular file listing on the board.

Once again it is time to make a donation for some of the great software that is made available to us. This month we will be collecting for John Birdwell's Utilities Disk "DSKU". So make sure to bring a few dollars for this worthy cause, or soon, if we don't support these programmers we will be true orphans.

We also need some new items for the Raffle Table. You must have something hidden away you no longer use or realize you even have. There was a TI console donated but I'm afraid I don't know who donated it. But "THANK YOU".

At the April meeting George Tilly will demonstrate Personal Auditor by William Gaskill of PRK DATABASIC.

Lance Wilson will show one of Roger Merritts graphic programs FORM SHOP. And hopefully Cindy Mitchell will demo another of Roger's programs JIFFY CARD. Hope to see you all in April.

CINDY MITCHELL
SECRETARY
SNUG USERS GROUP

TIPS FROM THE TIGERCUB
#42
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Over 130 original programs in Basic and Extended Basic, available on cassette or disk, now reduced to just $2.00 each, plus $1.50 per order for cassette or disk and PP&M. Cassette programs will not be available after my present stock of blanks is exhausted.
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TIPS FROM THE TIGERCUB VOL. 3, another 62 programs, tips and routines from Nos. 25 through 32, $10 postpaid.
TIPS FROM THE TIGERCUB VOL. 4, another 48 programs and files from issues 33 through 41, also $10 postpaid.

I'm very sorry about the error in the BXB routine in Tips #40. The "program to write a program" generated line number 32000 instead of 30002. Here is the correct line -

110 OPEN #1:"DSK1.BXBDATA",V
ARIABLE 163,OUTPUT :: PRINT
#1:CHR$(117)&CHR$(50)&"][\[]

$"&CHR$(190)&CHR$(199)&CHR$(
136)&M$&CHR$(0)

The Hyphenated Fill and Adjust in Tips #41 will crash if the file contains a line with one character too many, which may be only an unnecessary control character. This fix will help -

300 IF LEN(M$)<=L THEN 310 :
: CALL SOUND(200,110,0,-4,0)
:: PRINT M$;" is";LEN(M$);"c
haracters long":"Truncated t
o ";SEG$(M$,1,L):"OK? (Y/N)"
305 CALL KEY(3,K,S):: IF S=0
THEN 305 ELSE IF K<>89 THEN
STOP ELSE M$=SEG$(M$,1,L)
310 PRINT #2:M$ :: IF EOF(1)
<>1 THEN 220 ELSE CLOSE #1 :
: CLOSE #2

I know that this line is wrong, but key it in just as it's printed, and see what kind of error message you get -

100 !DISPLAY AT(3,1):"Progra
m must be SAVEd in:"MERGE fo
rmat."

A friend asked me for a program to help him solve the Scram-Lets puzzles in our local newspaper, so I rewrote the Anagrammer that was published way back in Tips #12. It will print out all possible combinations of any 3- to 6-letter word, or only those which have one or two letters in specified positions.

100 CALL CLEAR :: DISPLAY AT
(3,5)ERASE ALL:"SCRAM-LETS S
OLVER": :! by Jim Peterson
110 DISPLAY AT(8,1):"OUTPUT
TO? 1":" (1) SCREEN":" (2)
PRINTER" :: ACCEPT AT(8,12)
VALIDATE("12")SIZE(-1):P ::
P=P-1
120 IF P=1 THEN DISPLAY AT(1
2,1):"PRINTER? PIO" :: ACCEP
T AT(12,10)SIZE(-18):P$ :: O
PEN #1:P$
130 PL(1),PL(2)=0 :: L$(1),L
$(2)="" :: DISPLAY AT(5,1)ER

```
ASE ALL:"TYPE A 3-,4-,5- OR
6-LETTER WORD " :: ACCEPT A
T(6,6):A$ :: W=LEN(A$):: IF
(W<3)+(W>6)THEN 130
140 DISPLAY AT(14,1):"SEARCH
 FOR COMBINATION WITH":"LETT
ER IN KNOWN POSITION? N" ::
ACCEPT AT(15,27)VALIDATE("YN
")SIZE(-1):Q$ :: IF Q$="N" T
HEN 180
150 DISPLAY AT(17,1):"LETTER
?" :: ACCEPT AT(17,9):L$(1):
: DISPLAY AT(19,1):"POSITION
?" :: ACCEPT AT(19,11):PL(1)
160 DISPLAY AT(21,1):"ANOTHE
R LETTER/POSITION? N" :: ACC
EPT AT(21,26)VALIDATE("YN")S
IZE(-1):X$ :: IF X$="N" THEN
 180
170 DISPLAY AT(21,1):"LETTER
?" :: ACCEPT AT(21,9):L$(2):
: DISPLAY AT(23,1):"POSITION
?" :: ACCEPT AT(23,11):PL(2)
180 PRINT #P :: FOR J=1 TO W
 :: B$(J)=SEG$(A$,J,1):: NEX
T J :: FOR J=2 TO W :: IF B$
(J)>B$(J-1)THEN 220
190 T$=B$(J):: FOR L=J-1 TO
1 STEP -1 :: B$(L+1)=B$(L)
200 IF B$(L-1)>=T$ THEN 210
:: B$(L)=T$ :: GOTO 220
210 NEXT L
220 NEXT J
230 FOR A=1 TO W :: FOR B=1
TO W :: IF B=A THEN 440
240 FOR C=1 TO W :: IF (C=A)
+(C=B)THEN 430
250 IF W=3 THEN 310
260 FOR D=1 TO W :: IF (D=A)
+(D=B)+(D=C)THEN 420
270 IF W=4 THEN 320
280 FOR E=1 TO W :: IF (E=A)
+(E=B)+(E=C)+(E=D)THEN 410
290 IF W=5 THEN 330
300 FOR F=1 TO W :: IF (F=A)
+(F=B)+(F=C)+(F=D)+(F=E)THEN
 400 ELSE 340
310 W$=B$(A)&B$(B)&B$(C):: I
F W$<=V$ THEN 430 ELSE 350
320 W$=B$(A)&B$(B)&B$(C)&B$(
D):: IF W$<=V$ THEN 420 ELSE
 350
330 W$=B$(A)&B$(B)&B$(C)&B$(
D)&B$(E):: IF W$<=V$ THEN 41
0 ELSE 350
340 W$=B$(A)&B$(B)&B$(C)&B$(
D)&B$(E)&B$(F):: IF W$<=V$ T
HEN 410
350 IF Q$="N" THEN 380
360 IF SEG$(W$,PL(1),1)<>L$(
1)THEN 390
370 IF X$="N" THEN 380 ELSE
IF SEG$(W$,PL(2),1)<>L$(2)TH
EN 390
380 PRINT #P;W$&" "; :: G=G+1
390 V$=W$ :: ON W-2 GOTO 430
,420,410,400
400 NEXT F
410 NEXT E
420 NEXT D
430 NEXT C
440 NEXT B
450 NEXT A
460 PRINT #P: :" ";G;"TOTAL
 COMBINATIONS.": : :: G=0 ::
 V$="" :: PRINT "PRESS ANY K
EY"
470 CALL KEY(0,K,S):: IF S=0
 THEN 470 ELSE 130
```

And here is a much-improved XBasic version of the Adder-Upper which first appeared in Tips #13. I find it very useful in adding up several categories of figures in one pass.

```
100 CALL CLEAR :: CALL SCREE
N(16):: FOR SET=1 TO 14 :: C
ALL COLOR(SET,5,1):: NEXT SE
T
110 DISPLAY AT(3,4)ERASE ALL
:"TIGERCUB ADDER-UPPER": :"T
o add up several categories"
:"at one time.": :"Input cat
egories - END when":"finishe
d"
120 CALL KEY(3,K,S):: DIM C$
(22),T(22)
130 X=X+1 :: DISPLAY AT(12,1
):"Category #";STR$(X):: ACC
EPT AT(12,13):C$(X):: IF C$(
X)="END" THEN X=X-1 :: GOTO
170
140 A$=SEG$(C$(X),1,1):: IF
POS(F$,A$,1)=0 THEN F$=F$&A$
 :: IF X<17 THEN 130 ELSE 17
0
150 DISPLAY AT(15,1):"Code l
etter ";A$;" already":"used.
":"Pick another code letter"
 :: ACCEPT AT(17,26)SIZE(1):
A$
160 IF POS(F$,A$,1)<>0 THEN
DISPLAY AT(15,1):;:;:;:;:;::
GOTO 150 ELSE F$=F$&A$ :: C$
(X)=A$&C$(X):: DISPLAY AT(15
,1):;:;:;:;:;:: IF X<17 THEN 1
30 ELSE 170
170 CALL CLEAR :: R=2+(X>8):
: FOR J=1 TO X :: DISPLAY AT
(R,1):"(";SEG$(C$(J),1,1);")
";SEG$(C$(J),2,255):: R=R+2+
(X>8):: NEXT J
180 DISPLAY AT(R+2,1):"Categ
ory ";F$ :: DISPLAY AT(R+4,1
):"Amount"
190 DISPLAY AT(24,1):"Use mi
nus value to subtract"
200 ACCEPT AT(R+2,11+LEN(F$)
)SIZE(1)VALIDATE(F$):Z$ :: Y
=POS(F$,Z$,1)
210 ACCEPT AT(R+4,8)VALIDATE
(NUMERIC):A :: T(Y)=T(Y)+A :
: DISPLAY AT(Y*(2+(X>8)),20)
:T(Y):: GOTO 200
```

Can you figure this one out? (I can't) -

```
100 DISPLAY AT(3,4)ERASE ALL
:"ILLOGICAL COMPUTER!!": :"
    by Tigercub"
110 DISPLAY AT(7,1):"100 IF
A=2 THEN IF B=2 THEN C=4 ELS
E IF A=2 THEN IF B=3 THEN C=
6 ELSE IF A=3 THEN IF B=3 TH
EN C=9 ELSE IF A=3 THEN IF B
=4 THEN C=12 ELSE C=9"
120 DISPLAY AT(14,1):"Why ca
n't you get C to ":"equal 9
or 12 or 99?"
130 DISPLAY AT(18,1):"A? " :
: ACCEPT AT(18,4):A :: DISPL
AY AT(20,1):"B? " :: ACCEPT
AT(20,4):B
140 IF A=2 THEN IF B=2 THEN
C=4 ELSE IF A=2 THEN IF B=3
THEN C=6 ELSE IF A=3 THEN IF
 B=3 THEN C=9 ELSE IF A=3 TH
EN IF B=4 THEN C=12 ELSE C=9
9
150 DISPLAY AT(22,1):"C=";C
:: GOTO 130
```

This might come in handy to dress up a program -

```
100 CALL CLEAR :: CALL COLOR
(2,5,16):: CALL HCHAR(1,1,42
,768)
110 X=X+1 :: DISPLAY AT(X,9)
:"*************";::: DISPLAY
AT(X+1,9):"PRESS ANY KEY";:::
 DISPLAY AT(X+2,10):"TO CONT
INUE";
120 CALL KEY(0,K,S):: ON S+1
 GOTO 110,130
130 !continue program here
```

Or, if you'd rather do it backwards -

```
100 CALL CLEAR :: CALL COLOR
(2,5,16):: CALL HCHAR(1,1,42
,768)
110 FOR X=10000 TO 1 STEP -1
 :: DISPLAY AT(X+2,9):"*****
********";:: DISPLAY AT(X+1,
9):"*TO CONTINUE*";:: DISPLA
Y AT(X,9):"PRESS ANY KEY";
120 CALL KEY(0,K,S):: ON S+1
 GOTO 130,140
130 NEXT X
140 !continue program here
```

You might find this one useful -

```
100 ! PAINT CALCULATOR by Ji
m Peterson
110 CALL CLEAR :: FOR SET=1
TO 12 :: CALL COLOR(SET,2,8)
:: NEXT SET :: CALL SCREEN(5
):: CALL KEY(3,K,S):: ON WAR
NING NEXT
120 DISPLAY AT(3,7)ERASE ALL
:"PAINT CALCULATOR": :"To de
termine the amount of":"pain
t needed for a room."
130 DISPLAY AT(8,1):"Is the
room a regular square or rec
tangle? Y" :: ACCEPT AT(9,16
)SIZE(-1)VALIDATE("YN")BEEP:
Q$ :: IF Q$="Y" THEN 160
140 DISPLAY AT(11,1):"How ma
ny rectangular areas":"does
the room contain?" :: CALL A
CCEPTER(12,24,A):: IF A=1 TH
EN 160
150 FOR B=1 TO A :: DISPLAY
```

```
AT(3,10)ERASE ALL:"AREA #";B
:: GOTO 170
160 CALL CLEAR
170 DISPLAY AT(5,1):"How hig
h is the ceiling?":"    ft.
 in." :: CALL ACCEPTER(6,2
,HF)
180 CALL ACCEPTER(6,9,HI)::
HI=HI/12 :: H=HF+HI
190 DISPLAY AT(8,1):"How man
y walls?" :: CALL ACCEPTER(8
,17,W):: CALL HCHAR(5,1,32,6
40)
200 FOR J=1 TO W :: DISPLAY
AT(5,10):"WALL #";J: :"Width
     ft    in" :: CALL ACCEPT
ER(7,7,WF)
210 CALL ACCEPTER(7,13,WI)::
 WI=WI/12 :: WW=WF+WI :: SQ=
SQ+H*WW
220 DISPLAY AT(11,1):"How ma
ny doors, windows or":"other
 areas not to be":"painted i
n wall #";J;"?"
230 CALL ACCEPTER(13,19,D)::
 IF D=0 THEN 280
240 FOR L=1 TO D :: DISPLAY
AT(15,1):"AREA NOT TO PAINT
#";L: :"Width ft     in" ::
CALL ACCEPTER(17,10,WDF)
250 CALL ACCEPTER(17,16,WDI)
:: WDI=WDI/12 :: WD=WDF+WDI
260 DISPLAY AT(19,1):"Height
 ft    in" :: CALL ACCEPTER(
19,11,HDF)
270 CALL ACCEPTER(19,17,HDI)
:: HDI=HDI/12 :: HD=HDF+HDI
:: SQ=SQ-WD*HD :: NEXT L
280 NEXT J :: DISPLAY AT(21,
1):"Paint the ceiling?" :: A
```

```
CCEPT AT(21,20)SIZE(1)VALIDA
TE("YN"):QQ$ :: IF QQ$="N" T
HEN 320
290 CALL HCHAR(5,1,32,640)::
 DISPLAY AT(5,1):"Ceiling di
mensions": :"    ft     in by
    ft    in" :: CALL ACCEPT
ER(7,2,CWF)
300 CALL ACCEPTER(7,8,CWI)::
 CWI=CWI/12 :: CW=CWF+CWI
310 CALL ACCEPTER(7,17,CLF):
: CALL ACCEPTER(7,23,CLI)::
CLI=CLI/12 :: CL=CLF+CLI :
SQ=SQ+CW*CL
320 CALL HCHAR(5,1,32,640)::
 IF O$="Y" THEN 340
330 NEXT B
340 DISPLAY AT(3,1)ERASE ALL
:"Total of";INT(SQ+.5);"squa
re feet."
350 DISPLAY AT(5,1):"How man
y square feet will":"one gal
lon of your paint":"cover?"
360 ACCEPT AT(7,8)SIZE(3)VAL
IDATE(DIGIT)BEEP:SF :: DISPL
AY AT(9,1):"How many coats?"
 :: CALL ACCEPTER(9,17,C)::
G=SQ/SF*C :: G=INT(G+.5)
370 DISPLAY AT(15,1):"You wi
ll need";G;"gallons or":G*4;
"quarts of paint."
380 CALL KEY(0,K,S):: IF S=0
 THEN 380 ELSE STOP
390 SUB ACCEPTER(R,C,Q):: AC
CEPT AT(R,C)SIZE(2)VALIDATE(
DIGIT)BEEP:Q :: SUBEND
```

Memory full! - Jim P.

GETTING THE MOST FROM YOUR CASSETTE SYSTEM
BY MICKEY SCHMITT

NUMBER 7

CLYDE COLLEDGE'S: HIGH-SPEED CASSETTE LOADER
PART I

As promised... this month's topic is Clyde Colledge's High-Speed Cassette Loader. For those of you who are not familiar with this particular program... let me say... If you are still using a cassette system... This program is a must! It is by far one of the most impressive cassette utilities available to date!

By way of introduction... I would like to quote a brief paragraph out of the Texas Instruments Program Recorder Manual: "Note: Used with T.I. Extended BASIC, the memory expansion peripheral card adds 32 k bytes of random access memory (RAM) to the built-in memory of the computer. However, even with the memory expansion available, the largest program that can be stored on a cassette is 12 k bytes (approximately 12,000 characters) in size. Although the length of the actual program is limited by the amount of available memory in the console, utilizing the memory expansion unit provides other advantages. For example, with the unit installed in the peripheral expansion system, your program can be up to 12 k bytes in length, while any data generated by the program can be stored

in the memory expansion. Without the unit, the program must be shorter so that both it and the generated data can be stored in the computer's built-in memory.

Now that you know what the limits of the cassette recorder used to be according to Texas Instruments... let me introduce you to Clyde Colledge's: HIGH-SPEED CASSETTE LOADER.

The HIGH-SPEED CASSETTE LOADER utility was written for people who have added 32 k memory expansions to their computer. It is hoped that this utility would make adding 32 k memory expansion a more useful addition to basic computer systems.

The assembly language routines that do the "Saving" and "Loading" of programs are loaded very easily from cassette tape and reside in an area of memory not usually used by Extended BASIC programs. The HIGH-SPEED CASSETTE utility will allow the "Saving" and "Loading" of programs up to 24 k bytes in length.

In addition to increased program size, the same size program can be "Saved" or "Loaded" in approximately half the amount of time that the original routines required. The increase in speed is due to removing duplication of data sent to the cassette recorder.

While this decreases reliability slightly, few errors have been encountered in use and error checking is still recommended. The size limitation was increased by writing directly to the memory expansion rather than to the console memory which the program was sent to by the original cassette routines.

Next month... still more about Clyde Colledge's: HIGH-SPEED CASSETTE LOADER (including complete program loading instructions and information on how to get your own personal copy of this most impressive cassette utility). You won't want to miss it!

In the mean time, if you need any help or have any questions concerning your Cassette System – just give me a call (412 335 0163) and I'll try to help.

(Note from the Editor. This program is the one which was demonstrated last year at one of SNUG's meetings. SNUG has available the above mentioned cassette loader and has several members who have the experience to add the required 32k memory expansion to the console as required to use this loader. Ask at the meeting or call one of the officers listed in the SNUG information section to get the ball rolling in this increase in power for your system!

FOR SALE –
TI 99/4A Computer and Speech Synthesizer, PE Box with 32k memory, RS232, TI Disk Controller and DS/DD disk drive. Includes software (unlisted). $300 or best offer, or trade for RGB monitor. Call 459-4429 between 6PM and 9PM and ask for party selling TI computer.

Note from the Editor:

Bob has already told you that I have acquired a Geneve 9640. Since I've only had it for a week and a half, I'm still pretty new in using it, so I'm not going to say much more at this point other than to say there is a learning curve associated in getting it up and running.

I do want to acknowledge that two of our members have stepped forward and have been helping with getting the newsletter out. Ralph Guise and Gary Lagoy have each worked on one issue of the past two SNUGLETters. In fact Gary was the reason that you received your last issue before the meeting since I was travelling on business that week. I wish to thank each of these gentlemen for there help and I hope that they can continue to help in the mailing of the newsletter. (So I can spend more time learning the intricacies of using the Geneve.)

The 5th Wave

"OOPS - HERE'S THE PROBLEM. SOMETHING'S CAUSING SHORTS IN THE MAINFRAME."