



Northern Nevada  
Ninety-Niners



Vol. 6 **OUT POST** No. 4  
APR MONTHLY NEWSLETTER 1990

RE M I N D E R + R E M I N D E R

E N E X T M E E T I N G E  
 .....  
 M T U E S D A Y 4/24/90 M  
 I 7 ' 0 C L O C K P . M . I  
 R O U N D T A B L E P I Z Z A N  
 D N E S T 4 t h & V I N E D  
 E R E N O , N E V A D A E

R E M I N D E R + R E M I N D E R

## MEETING MINUTES - 3/27/90 ##

The president, Dic Slunaker, called the meeting to order at 6:13 P.M. at Round Table Pizza. 12 members were in attendance.

## OFFICER'S REPORT ##

The minutes for last month's general meeting, as written in the March newsletter, was accepted and approved.

The Treasurer's Report was given by Richard Eblen. 4N has \$395.80 in the bank at this time.

The Program Librarian announced the two Disks of the Month, BEST LABELS, a label-making program, and RECIPE-MAKER, a program to help keep track of favorite recipes. Both disks are Public Domain and the authors are unknown.

The Newsletter Editor brought in a demonstration disk of MISSING LINK from TEXAMENTS, which he received via Jim Peterson, to be demoed at the end of the meeting.

The Secretary, Andy Yuan, said that he has found that most of the members he calls would like to attend the 4N meetings but can't because they have other things to do on Tuesday evenings. Andy then suggested the possibility of changing our meetings to a more convenient time. But, once again, it was met with disapproval.

## OLD BUSINESS ##

T'wern't none!

## NEW BUSINESS ##



Dic Slunaker announced that he will be stepping down from his position as President of 4N to take on another post, that of secretary for the ABC bowling league. After some discussion by the members, Dic agreed to continue as president for one more month so that an acting-president could be found to take his place.

Ed Conrath also announced his resignation as Program Librarian.

## DISK'S OF THE MONTH ##

TIPS (V 1.2) - Graphics Utility, offered FREE by Ron Wolcott.

IN THIS ISSUE!

- 1 TIPS FROM THE TIGERCUB #1 & #2  
 Courtesy: Jim Peterson of Tigercub Software
- 1 NEW-AGE/99 - #3  
 Courtesy: Jack Sughrue
- 1 infoBITS -  
 CALL LOAD DIRECTORY  
 Courtesy: BAYOU BYTE - Nov 86 / via the Twin Tiers Users' Group newsletter - Feb 87
- 1 SHORTBYTES -  
 ZNAVE --- a version of John Martin's "IWAIVE" version of John Willforth's WAVE POWER  
 Courtesy: Chick De Marti - LA 99ers Topics / Oct. 1989
- 1 WORD SAFARI (Word puzzle)  
 Theme: TI Programmers II
- 6 DISKS OF THE MONTH! - Featuring:
  - 1. TIPS V1.2 - Public Domain Graphics Utility Program.  
 Courtesy: Ron Wolcott - via Mr. Irwin Mott, 8Y8OP for the C.O.N.N.I. Users' Group.
  - 2. GRABTXT - Public Domain IBM Graphics (First disk of many which accompanies the TIPS program.)

This outstanding graphics program includes over 2000



IBM pictures. With this utility, you can make calendars, banners, posters, iron-on transfers, greeting cards, and mailing labels. Some examples of the graphics are in this newsletter, as well as two previous issues. TIPS is written in EXTENDED BASIC with some ASSEMBLY thrown in. And, another added bonus... it can be easily converted to TI-ARTIST instances! This is a very handy tool for those of you who like to work with graphics!

Accompanying TIPS will be GRABTIT, the first disk in a series of IBM graphic pictures. The entire TIPS library will be unarchived and placed in the Program Library as soon as possible.

- Minimum system requirements:
- \* TI-99/4A console or GENEVE
  - \* 32K memory expansion
  - \* 1 BSSD disk drive
  - \* Printer
  - \* EXTENDED BASIC Cartridge



**NORTHERN NEVADA 99'ERS**  
**5354 MARK CIRCLE**  
**SUN VALLEY, NV 89433**

## BINGO ##

Scott Christie was our lucky four-corners winner and Jim Nuckolls was the blackout BINGO champ! Both of them won a CURTIS Page Holder; a unique device which attaches to either side of the monitor for holding your work close to the screen for easier typing. CONGRATULATIONS!

## CLOSING ##

The formal meeting was adjourned at 6:54 P.M.

\*\*\* Editor's Notes \*\*\*

Well, folks... as you can see, 4N is in need of two special people to take on the temporary jobs of President and Program Librarian. Following is our classified ad:

**WANTED:** A motivated individual who enjoys being around people with the same interests (or disinterests); who is a real go-getter ('cuz no one else will!); likes being in charge (of lugging the TI equipment to all the meetings); doesn't like to waste any time (since you won't have it); and, generally, wants to help promote the TI-99/4A (even though there is an attrition problem with members and the IBM/clones are taking over). Must also be a masochist! Apply in person at next meeting.

Dic, even though you may consider the job of president of 4N a thankless one... we are all grateful for the job you did as our fearless leader. And so, in spite of your assumption...

**T H A N K   Y O U ,   D I C !**

\*\*\*\*\*

**ALSO WANTED:** A person who is a glutton for punishment and has an inner desire to go insane! 4N is looking for a person with the mettle to become a Program Librarian! Position requires the need for cataloging programs by its purpose, eg. Graphics, Educational, Music, Math, etc. The job also entails removing copyrighted disks, repairing or discarding blown programs, and installing autoloaders and instructions wherever necessary.

The Program Librarian is also responsible for choosing and demonstrating the Disks of the Month, which should be accompanied by a short written review to be included in the monthly newsletter. If interested, apply in person at the next meeting. E/O/E N/F.

\*\*\*\*\*

Beginning this month, Jim Peterson's series, TIPS FROM THE TIGERCUB will be reprinted in its entirety, starting with #1 and #2, published originally in the CIN-DAY NEWS. This is mostly for the benefit of those individuals and groups who study and learn from his superb tutorials but don't have access to his earlier endeavors.

Many thanks to Jim for allowing 4N to reprint his TIPS articles.



S H O R T   B Y T E S

1 ! 2NAVE --- a version of John Martin's "1NAVE" version of John Willforth's WAVE POWER program

2 ! by Chick De Marti

```
3 CALL CLEAR :: CALL SCREEN(
6):: FOR I=1 TO 9 :: CALL CO
LOR(I,5,6):: NEXT I
4 IF I=7 THEN PRINT SEG$(A$,
N+1,20):: N=(N+ABS(N<23))$AB
S(N<23):: GOTO 4 ELSE CALL C
HAR(I*96,RPT$( "0",14-(I)2)&
"FFFF")
5 A$=RPT$( "abcdefedcba",5):
I=X+1 :: GOTO 4
```



The OUTPOST is compiled with Will and Tony McGovern's FUNNELWEB (V4.21), Chris Faherty's TI-ARTIST Plus, Jack Sughrue's PLUS!(V2.0), and Ron Wolcott's TIPS.

\*\*\*\*\*  
\* TIGERCUB SOFTWARE \*  
\*\*\*\*\*

156 Collingwood Ave.  
Columbus, Ohio 43213

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### TIPS FROM THE TIGERCUB #1

ANY OF THESE MAY BE REPUBLISHED IN ANY NON-PROFIT USER'S GROUP NEWSLETTER. IF YOU WANT MORE OF THE TIGERCUB'S TIPS, JUST SEND ME A COPY OF YOUR NEWSLETTER. IF YOU CARRY ADS, PLEASE TELL ME YOUR RATES.

TIGERCUB SOFTWARE OFFERS A WIDE VARIETY OF ORIGINAL PROGRAMS IN TI BASIC AT ONLY \$3.00 EACH! IF YOU DON'T HAVE MY CATALOG, PLEASE ASK.  
\*\*\*\*\*

HERE'S A TIP FOR BEGINNERS - DON'T USE EDIT!! THERE ARE TWO WAYS TO BRING A PROGRAM LINE TO THE SCREEN. YOU MAY TYPE EDIT, THE LINE NUMBER, AND PRESS ENTER...OR YOU MAY JUST TYPE THE LINE NUMBER AND PRESS FCTN TOGETHER WITH THE DOWN-ARROW OR UP-ARROW KEY. BUT WHEN YOU GRADUATE TO EXTENDED BASIC, YOU WILL FIND THAT YOU CAN ONLY USE THE SECOND METHOD. THEN, WHILE YOU'RE TRYING TO BREAK THE EDIT HABIT, YOU ARE APT TO GET CONFUSED, TYPE THE LINE NUMBER, HIT ENTER - AND DELETE THE PROGRAM LINE ENTIRELY!

\*\*\*\*\*

ARE YOU TIRED OF THAT BLANKETY BLINKING BLACK CURSOR? THIS WON'T WORK IN BASIC BUT IF YOU'RE IN XB TRY 1 CALL COLOR(0,11,1)

\*\*\*\*\*

HAVE YOU EVER SPENT AN HOUR LOOKING FOR A BUG, AND FINALLY FOUND THAT YOU HAD TYPED A Ø FOR AN O, OR VICE VERSA? I'LL NEVER UNDERSTAND WHY TEXAS INSTRUMENTS DIDN'T SLASH THE Ø. YOU CAN EASILY DO IT WITH THIS LINE, 1 CALL CHAR(48,"ØØ3A444E546444B8"). TROUBLE IS, ANY REDEFINED CHARACTER WITH AN ASCII CODE BELOW 128 WILL ONLY BE REDEFINED WHILE THE PROGRAM IS RUNNING, SO YOUR ØS WILL STILL BE UNSLASHED WHILE YOU ARE KEYING IN A PROGRAM OR LISTING IT. HOWEVER, YOU CAN ADD A TEMPORARY LINE 2 GOTO 2, THEN KEY IN OR LIST A SCREENFULL OF PROGRAM LINES, TYPE RUN, AND WATCH TO BE SURE THAT ALL YOUR ØS BECOME SLASHED AND YOUR OS DO NOT.

\*\*\*\*\*

AND HAVE YOU EVER BEEN TYPING IN A PROGRAM, AND THE COMPUTER SUDDENLY JUMPED BACK TO THE TITLE SCREEN, AND YOU WERE SURE THAT YOU DIDN'T HAVE A FINGER ANYWHERE NEAR THAT INFERNAL QUIT KEY? BUT MAYBE YOU WERE DRINKING COFFEE WITH ONE HAND AND TRYING TO PRESS FCTN AND 1 SIMULTANEOUSLY WITH THE OTHER? SO, IF YOU DON'T HAVE ANYTHING VALUABLE IN THE COMPUTER RIGHT NOW, TRY PRESSING FCTN, SPACE BAR, H AND N ALL AT THE SAME TIME, OOPS!

ANOTHER USELESS BIT OF INFO - TRY FCTN, 5, 6 AND 7 ALL TOGETHER. BREAK!

\*\*\*\*\*

```
100 CALL CLEAR :: PRINT "TIGERCUB CHARACTER ENLARGER":ØØ:ØØ:"BY JIM PETERSON":ØØ:ØØ:
    ØØ:ØØ:"SELECT SIZE 1, 2 OR 3":ØØ:ØØ
110 CALL KEY(O,K,ST):: IF (ST=0)+(K<49)+(K>51)THEN 110 :: S=K-48
120 DIM HX$(96),C$(16),M$(16)
130 DATA 0000,0001,0010,0011,0100,0101,0110,0111,1000,1001,1010,1011,1100,1101,1110,
    1111
140 CALL CHAR(33,"FFFFFFFFFFFFFF"):: FOR J=0 TO 15 :: READ C$(J):: NEXT J
150 CALL SOUND(100,800,0):: PRINT "READY - TYPE CHARACTER":ØØ:ØØ
160 CALL KEY(O,K,ST):: IF (ST=0)+(K<32)+(K>127)THEN 160 :: CALL CLEAR :: PRINT "WAIT,
    PLEASE..." :: CALL CHARPAT(K,HX$(K-31))
170 FOR J=1 TO LEN(HX$(K-31)):: A$=SEG$(HX$(K-31),J,1):: IF ASC(A$)>57 THEN 180 ::
    B=ASC(A$)-48 :: GOTO 190
180 B=ASC(A$)-55
190 FOR L=1 TO 4 :: X=VAL(SEC$(C$(B),L,1)):: FOR M=1 TO S :: M$(J)=M$(J)&CHR$(32+ABS
    (X>0)):: NEXT M :: NEXT L :: NEXT J
200 CALL CLEAR :: FOR J=1 TO 16 STEP 2 :: FOR N=1 TO S :: PRINT TAB(11-S^2);M$(J);
    M$(J+1):: NEXT N :: NEXT J
210 PRINT ØØ:ØØ :: FOR J=1 TO 16 :: M$(J)=NULL$ :: NEXT J :: GOTO 150
```

HAPPY HACKIN'

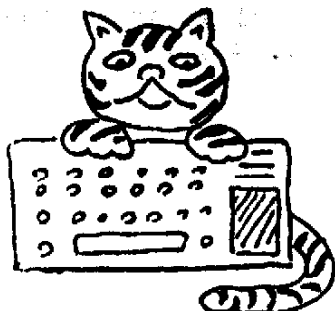
*Jim Peterson*  
JIM PETERSON

\*\*\*\*\*  
\* TIGERCUB SOFTWARE \*  
\*\*\*\*\*

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TIPS FROM THE TIGERCUB #2



THE FOLLOWING ARE AUTHORIZED TO BE REPRINTED IN ANY NON-PROFIT USER'S GROUP NEWSLETTER - BUT IF YOU RETYPE A ROUTINE, PLEASE DO KEY IT IN ONCE FROM THE READY-TO-PRINT COPY AND MAKE SURE YOU GOT IT ALL RIGHT!!

IF YOU WOULD LIKE FURTHER RELEASES OF THE TIGERCUB'S TIPS, JUST SEND ME A COPY OF YOUR NEWSLETTER AND ASK. IF YOU ACCEPT ADVERTISING, PLEASE LET ME KNOW YOUR CIRCULATION AND RATES.

TIGERCUB SOFTWARE IS ABOUT TO PRINT A NEW CATALOG OF 110 PROGRAMS IN TI BASIC, ALL PRICED AT ONLY \$3.00 EACH! THE CATALOG WILL BE AVAILABLE FOR \$1.00, REFUNDABLE ON THE FIRST ORDER. THESE ARE NOT PUBLIC DOMAIN PROGRAMS, NOT TRANSLATIONS, NOT PIRATED - THEY ARE ABSOLUTELY ORIGINAL, NEW AND DIFFERENT - GAMES, EDUCATIONAL GAMES, PUZZLES, GRAPHICS DEMOS, MUSIC, PROGRAMMER'S AIDS, ETC.

\*\*\*\*\*

THIS PROGRAM WILL PLAY AND PRINT THE FREQUENCY CODES FOR THE TWO "SECRET" SUBOCTAVES OF BASS NOTES ON THE TI-99/4A. - JIM PETERSON, TIGERCUB SOFTWARE

```
110 DEF R(X)=INT(X+.5)
120 F=1652
130 FOR J=1 TO 25
140 READ N$
150 PRINT N$;"=";R(F)
160 CALL SOUND(500,30000,30,30000,30,F,30,-4,0)
170 F=F/1.059463094
180 IF J<>12 THEN 200
190 RESTORE
200 NEXT J
210 DATA A,A FLAT,G,F#,F,E,E FLAT,D,C#,C,B,B FLAT,A
```

TO PLAY THESE BASS NOTES, THE CALL SOUND MUST CONTAIN 3 TONES AND A NOISE. THE FIRST TWO TONES MAY BE OF EITHER AN AUDIBLE OR INAUDIBLE FREQUENCY AND VOLUME; THE THIRD TONE MUST BE THE FREQUENCY CODE (WHICH IS NOT THE ACTUAL FREQUENCY) FOR THE NOTE, WITH AN INAUDIBLE VOLUME; AND THE NOISE MUST BE -4, WITH AN AUDIBLE VOLUME.

\*\*\*\*\*

THIS PROGRAM PLAYS TREMOLO NOTES. CHANGE VALUE IN LINE 150 TO 1.01 OR 1.03 FOR LESS OR MORE TREMOLO. THE TUNE IS "ST. JAMES INFIRMARY BLUES" - JIM PETERSON, TIGERCUB

```
110 FOR J=1 TO 60 STEP 2
120 READ A,B
130 FOR L=1 TO A
140 CALL SOUND(-1000,B,0)
150 CALL SOUND(-1000,B*1.02,0)
160 NEXT L
170 NEXT J
180 CALL SOUND(-1,30000,30)
190 DATA 2,330,2,294,4,330,4,294,4,330,4,294,4,262,8,220
200 DATA 2,330,2,294,6,330,2,294,4,330,4,262,12,247
210 DATA 2,294,2,262,4,294,4,262,4,294,2,330,2,294,4,262,8,220
220 DATA 4,262,4,262,4,220,4,262,4,247,16,220
```

\*\*\*\*\*

```
100 REM - WHAT HAPPENED? BY JIM PETERSON, TIGERCUB SOFTWARE
110 CALL CLEAR :: FOR K=0 TO 90 :: CALL CHARPAT(K,A$):: FOR J=15 TO 1 STEP -2 ::
  CH$=CH$&SEG$(A$,J,2):: NEXT J :: CALL CHAR(K,CH$)
120 CH$=NULL$ :: NEXT K :: DISPLAY AT(14,3);"VT FHT DENRUT OHW IYEH" :: DISPLAY AT
  (12,13);"TINWOOD EDISPU"
130 INPUT $ :: GOTO 130
```

HAPPY HACKING

JIM PETERSON



~~~~~  
W-AGE/99 \* NEW-AGE/  
99 \* NEW-AGE/99 \* N  
EW-AGE/99 \* NEW-AGE  
/99 \* NEW-AGE/99 \*  
~~~~~

\* by JACK SUGHRUE, Box 459, East Douglas, MA 01516 \*

# 3

I often chuckle at doomsayers, but sometimes they irk me.

I don't think anyone questions the facts that the APPLE, AMIGA, IBM, and clones all have more commercial software and hardware support than the 4A. Walk into any bookstore and look at the magazines. Go into a department store and look at the racks of software packages. Or into an electronics store and peruse the computers, cards, drives, other hardware and software items. And the prices.

No question: the stuff's there. And some of us succumb to those temptations. Don't get me wrong. At work and at the homes of friends and relatives I get plenty of opportunities to play and work with these other machines. And enjoy my time on them, for the most part. But, even then and even when I attend the other computer user groups or fairs, I don't have the feeling that I do with similar TI activities.

The emotion - very much in evidence at TI get-togethers - is absent at Apple and IBM gatherings. There are subtle, important other differences, too.

When I look at the new Other software or Other hardware I wonder if most TIers would pay those humongous prices or whether most TIers would want to trouble to learn these new ways of hi-tech wizardry. For the most part, the TIers don't do that now.

An example: The Apple IIGS is \$1149. (That's without the 5.0 (NOTE THE CONSTANT UPGRADING THAT SEEMS TO BE A COMPLAINT IN SOME CIRCLES!) \$50 Systems disk that's required to operate the machine. Nothing resides in memory.

Let's say you want a word processor for it, as word processing is the most common use of non-business computers. Appleworks (the most popular WP for all Apples) is another \$250. (No percentage point, folks. It's two-hundred-fifty dollars, plus tax!) Will the WORKS give you 40/80 column for those of us (oldtimers?) who LIKE 40 because the letters are large and clean and easy to read? Nope. Try reading 80 on an Apple monitor.

Can you flip around, as you can with the fairware FUNNELWEB, for example, and load up such utilities as DM-1000, Disk Utilities, ARCHiver, other languages (Assembly, c, FORTH), other sources (tape, cartridge, etc.)? Nope. There are no tapes and cartridges for those Other machines, anyway, but the WORKS doesn't let you configure any possibilities outside the provided environments. How about modified fonts, underlining, doublestrike? All available with FUNNELWEB, even more so if you use the fairware PLUS! within the FWB environment.

And speed? The IIGS is slow, very slow. But for an additional \$399 you can buy a TRANSWARP GS card that'll speed up WORKS and other GS items to reasonable, runnable speed.

Can you slip into graphics with WORKS? Nope, but FWB's TI text can easily emigrate to PAGEPRO for all kinds of graphic/text manipulations (or PP can stand alone for similar structuring).

You must use PRINT SHOP separately to get some graphics; still, not with the page possibilities. For that you'd need the user-UNfriendly

NEWSROOM. Add another \$400. Not counting the graphics. The kind that are Public Domain through TIPS for the TI. Say another \$500, easily. How much is that decidedly inferior wordprocessor now? Still under \$3000? That's not bad as prices go in the computer world out there. Check Other computer prices.

Why would we TIers consider THAT an upgrade? We certainly wouldn't pay those prices for software for our superior machine: FWB donation \$20; PLUS! donation \$10; TIPS and 5,000 graphics are FREE; PAGEPRO is under \$25. Grand total for us TIers, maybe 50 bucks at the most.

Most TIers don't have RAM disks or RAVE keyboards or hard drives or the GENEVE upgrade that includes 640 RAM, truly astounding graphic capabilities, a superb keyboard and all other kinds of great stuff, including TI compatibility (as much as most clones have with IBM). And yet EACH of these things are less than a couple pieces of software for Other computers.

Most TIers don't (in all honesty) even pay for the fairware they use, so I can't see them spending \$50 to \$800 per piece of software after spending a couple thousand for another system, no matter how great the software is. Look at the magnificent under \$25 commercial software items for the TI: TI-BASE, PAGEPRO, TI ARTIST PLUS, for examples. Do most TIers who have disk drives own these three items? Not by a long shot!

Have most of the TIers who use Tony McGovern's FUNNELWEB, Barry Boone's ARCHIVER, John Birdwell's DISK UTILITIES, or Canada's DM-1000 sent decent (or any) fairware contributions to the authors? Or contributions for the constant updates? Nope.

Do most TIers subscribe to MICROpendium or ASGARD NEWS, the only two magazines we have devoted entirely to the TI? Nope.

Do most TIers even belong to user groups? Nope. Not even by mail, though that is the best source of disk, tape, and text materials, not to mention the monthly newsletter connection, that money can buy (also under \$25).

Do most TIers take advantage of the massive sources available across their phone through inexpensive modems? Nope.

My feeling is why, if TIers are not even taking advantage of all the things that are available NOW and at a lot smaller cost, would they even want to move (up?) to more expensive machines?

It makes me think about a comment by Keith Jarrett, considered by many music critics to be the greatest pianist of this century. Because he plays jazz and classical and newage and a style of improv that is inimitable, he was asked why he didn't play the electronic keyboard. "I haven't learned everything about the acoustic piano, yet," he said. If he hasn't learned everything about the acoustic piano yet, no one in the world has.

But I feel this way about my TI. When people ask me why I don't move up, I first give them my speech about moving to Apples or clones or whatever is not necessarily UP. Then I think of the real reason: I haven't finished learning everything I want to learn and doing everything I want to do with my 4A yet.

Even if everything relating to TI ceased instantly; nothing more being created; all user groups stopped; the complete TI end - even if... most of us would still be using and learning and enjoying our perfectly wonderful computer for a long time to come.

But such a scenario is not heading our way in the near future. There are too many of us who care and WANT to stay with this gem of a machine.

I think we all have a long way to go yet, and I am enjoying the journey.



BABYREINDEER



BABYSHOE



BABYSYMBOL



BABYZ TEDDY



BACKGAMMON



BACKPACKER



BADGE



BAGPIPER



BALANCE BEAM



BALD



BALL



BALL SPIN



BALLERINA



BALLET



BALLET1



BALLET2



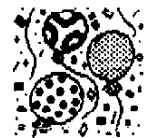
BALLETSHOES



BALLOON



BALLOONS



BALLOONS1



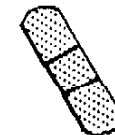
BALLOT BOX



RAM DING!



RAND



BAND AID



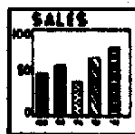
BANKING



BAR



BAR CODE



BAR GRAPH



BARBER POLE



BARN



BARNEY RUBBLE



BARRACKS



BASEBALL



BASEBALL1



BASKET



BASKET1



BASKET2



BASKETALL 2



BASKETBALL



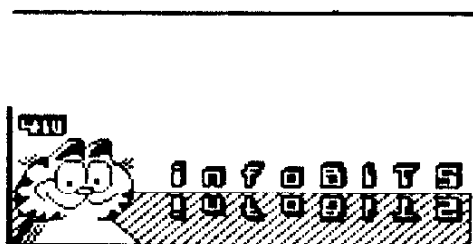
BASKETBALL1

TI PROGRAMMERS II



\*\*\*\*\*  
 \*LEKNHEBLCINOSNIBORXS\*  
 \*SHOROCKMACOLEMANHNF\*  
 \*BOONEZKCIMROCCMWBAL\*  
 \*UBXQYVNZNPSIVSCHMIDT\*  
 \*DSOZTFRUFVVKHIMLONHC\*  
 \*TFCKGWEGDTGDSRGAOGGT\*  
 \*SREKGUHSOFSEJAFTDFZ\*  
 \*TJRAZMTZRBRCLBLAUMIY\*  
 \*FSLFDEKOBACJLRNTTKNC\*  
 \*DTJQRTWKNYFOARJLECKH\*  
 \*NZTNNEAGZROHOWCKKNTS\*  
 \*ABEODIFAYBDCSRYPYRHU\*  
 \*LINICBXSLWQCALMBOKRG\*  
 \*ITUKELEIUJYUITYFPCA\*  
 \*LRTADROIEYRHSRLZUBPR\*  
 \*LARNDHRWFXFKGLHCZPQU\*  
 \*IMOEWBFBJOAFIQLJUMQE\*  
 \*GEFGHPATSMZWWWFVMNBZ\*  
 \*KDAEKJUCXFBYELOMSYEV\*  
 \*CMLRSVNSIRRAHRWPZVM\*  
 \*\*\*\*\*

SMOLEY  
 GRANROS  
 SUGHRUE  
 TAYLOR  
 MCCORMICK  
 SHOROCK  
 HARRISON  
 MAKSIMIK  
 ✓BOONE  
 BLOOD  
 WILLFORTH  
 DEMARTI  
 BAGNARESI  
 ROBINSON  
 WOLCOTT  
 GILLILAND  
 SCHMIDT  
 COLEMAN  
 STAPH  
 CHARLTON  
 BEHNKE  
 LAFORTUNE  
 REGENA  
 HULPKE  
 STERN



DIRECTIONS: There are 25 words hidden in the puzzle. You may find them horizontally, vertically, or diagonally. They may also be either forward or backward. Circle each word as you find them. One word has been done for you. GOOD LUCK!  
 (Answers to puzzle found on last page.)

BAYOU BYTE NOVEMBER 86 \*\* CALL LOAD DIRECTORY \*\*

This list of "CALL LOAD"s comes from many varied sources over the past several years. Part from Scott Darling's list on the SOURCE and part from the GRAND RAPIDS 99er newsletter "CALL SAY". No guarantees as to the accuracy or stated results. Remember to do a "CALL INIT" prior to the "CALL LOAD". A careful study of this list will reveal many VERY handy functions. ENJOY!!

\*\*CALL LOAD(-31572,A)...USE A=0 TO 255 TO VARY KEYBOARD RESPONSE

\*\*CALL LOAD(-31740,A,B)...DIFFERENT VALUES OF A & B WILL CHANGE BEEPS, WARNING TONES, ETC.



```

**CALL LOAD(-31931,0)...UNPROTECT EXT. BASIC PROGRAMS
(-31931,2)...SET "ON WARNING NEXT" COMMAND
(-31931,4)...SET "ON WARNING STOP" COMMAND
(-31931,14)...SET "UNTRACE" COMMAND
(-31931,15)...SET "UNTRACE" COMMAND AND "NUM"
COMMAND
(-31931,16)...SET "TRACE" COMMAND
(-31931,64)...SET COMMAND "ON BREAK NEXT"
(-31931,128)...PROTECT EXT. BASIC PROGRAMS

**CALL LOAD(-31962,32)...RETURN TO TITLE SCREEN
(-31962,255)...RUN "DSK1.LOAD"

**CALL LOAD(-32112,0)...SEARCHES DISK1 FOR ???

**CALL LOAD(-32114,2)...GENERATES RANDOM GARBAGE ON SCREEN
(-32114,13)... GENERATES A TOTALLY "WILD" SCREEN
LOAD(-32114,119)... GENERATES LINES ON SCREEN

**CALL LOAD(-32116,2)...GENERATES RANDOM CHARACTERS ON SCREEN
(-32116,4)...WILL GO TO CONSOLE BASIC AFTER "NEW"
COMMAND

**CALL LOAD(-32187,0)...UNPROTECT EXT. BASIC PROGRAMS
(-32187,2)...SET "ON WARNING NEXT" COMMAND
(-32187,4)...SET "ON WARNING STOP" COMMAND
(-32187,9)...SET LINE NUMBER ZERO
(-32187,14)...SET "UNTRACE" COMMAND
(-32187,15)...SET "UNTRACE" COMMAND AND "NUM"COMMAND
(-32187,16)...SET "TRACE" COMMAND
(-32187,64)...SET "ON BREAK NEXT" COMMAND
(-32187,128)...PROTECT EXT. BASIC PROGRAM

**CALL LOAD(-32188,1)...CHANGE COLOR AND RECEIVE SYNTAX ERROR
(-32188,127)...CHANGE COLOR AND RECEIVE BREAKPOINT

**CALL LOAD(-32630,128)...RESET TO TITLE SCREEN

**CALL LOAD(-32699,0)...UNPROTECT EXT. BASIC PROGRAMS
(-32699,2)...SET "ON WARNING NEXT" COMMAND
(-32699,4)...SET "ON WARNING STOP" COMMAND
(-32699,14)...SET "UNTRACE" COMMAND
(-32699,15)...SET "UNTRACE" COMMAND AND "NUM"COMMAND
(-32699,16)...SET "TRACE" COMMAND
(-32699,64)...SET "ON BREAK NEXT" COMMAND
(-32699,128)...PROTECT EXT. BASIC PROGRAM

**CALL LOAD(-32700,0)...CLEARS SCREEN FOR AN INSTANT

**CALL LOAD(-32729,0)...RUN "DSK1.LOAD"

**CALL LOAD(-32730,32)...RESET TO TITLE SCREEN

**CALL LOAD(-32961,51)...RESET TO TITLE SCREEN

```

**\*\*CALL LOAD(-31744,A)...CONTINUE LAST SOUND 0=LOUDEST,  
 15=QUIETEST**

**\*\*CALL LOAD(-31748,A)...USE A=0 TO 255 TO CHANGE RATE OF CURSOR  
 FLASH AND SOUND TONE RATES**

**\*\*CALL LOAD(-31788,160)...BLANKS SCREEN AT NEXT KEYSTROKE  
 (-31788,192)...DISABLE SPRITE MOTIION AND AUTOMATIC  
 SOUND  
 (-31788,224)...NORMAL SPRITE MOTION AND SOUND  
 (-31788,225)... MAGNIFIED SPRITES  
 (-31788,226)...DOUBLE SIZED SPRITES  
 (-31788,227)...DOUBLE SIZE AND MAGNIFIED SPRITES  
 (-31788,232)... MULTICOLOR MODE IN 48 BY 64 SQUARES**

**\*\*CALL LOAD(-31794,A)...FOR A=1 TO 255, COUNTDOWN TIMER FOR  
 CALL SOUND**

**\*\*CALL LOAD(-31806,16)...DISABLES FCTN QUIT KEY  
 (-31806,32)...DISABLE SOUND  
 (-31806,-32)... CONTINUOUS SOUND  
 (-31806,64)...DISABLE AUTO SPRITE MOTION  
 (-31806,80)...DISABLE SPRITES QUIT KEY  
 (-31806,96)...DISABLE SPRITES AND SOUND  
 (-31806,128)...DISABLE QUIT, SOUND, AND SPRITE  
 MOTION**

**\*\*CALL LOAD(-31808,A,B)...DOUBLE RANDOM NUMBERS (0 TO 255) NEED  
 RANDOMIZE**

**\*\*CALL LOAD(-31860,4)...WILL GO TO CONSOLE BASIC AFTER "NEW"  
 COMMAND  
 (-31860,8)...AUTOMATIC RUN OF "DSK1.LOAD"**

**\*\*CALL LOAD(-31868,0)...DISABLES "RUN" OR "LIST" AFTER "BREAK"  
 (FCTN 4) IS USED  
 (-31868,0,0)...TURNS OFF THE 32K MEMORY EXPANSION  
 (-31868,255,231)...TURNS ON THE 32K MEMORY  
 EXPANSION**

**\*\*CALL LOAD(-31873,A)...SCREEN COLUMN TO START AT WITH A  
 "PRINT" (A=3-32)**

**\*\*CALL LOAD(-31878,0)...UNPROTECT EXT. BASIC PROGRAMS**

**\*\*CALL LOAD(-31879,A)...FOR A=0 TO 255, TIMER FOR VDP INTERUPTS  
 EVERY 1/60 OF A SECOND**

**\*\*CALL LOAD(-31880,A)...FOR A=1 TO 99, RANDOM NUMBER , NEED  
 "RANDOMIZE"**

**\*\*CALL LOAD(-31884,A)...SELECTS KEYBOARD MODE AS IN "CALL  
 KEY(K,...); FOR A=0 TO 5**

**\*\*CALL LOAD(-31888,55,215)... ENABLE ALL DISK DRIVES;ENTER  
 "NEW" TO RECOVER BUFFERS.  
 (-31888,63,255)... DISABLE ALL DISK DRIVES;ENTER  
 "NEW" TO RECOVER MEMORY.**

**## PUBLICATION NOTICE AND DISCLAIMER ##**

The OUTPOST, is published monthly, except in JULY and AUGUST of each year, by the NORTHERN NEVADA NINETY-NINERS USERS' GROUP (4N), a non-profit organization, supporting the TI-99/4A and compatibles. 4N is not affiliated with TEXAS INSTRUMENTS or their subsidiaries.

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4N Newsletter Editor  
3490 Golden Valley Road  
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Please contact the Newsletter Editor when any missing or illegible copies are received. Back issues are still available for a small fee. Your comments and suggestions are always welcome.

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Program Librarian	-	-
Newsletter Editor	- Roland Chapman	- 972-8209

Term of office, 12/88 - 12/90.

**## MEMBERSHIP ##**

To join the Northern Nevada Ninety-Niners, an annual fee of \$20.00 (\$15.00 for newsletter ONLY subscription) is due and payable on or before the last Tuesday of each January. Membership includes a monthly newsletter, access to the Program and Paper libraries, and S.I.G.'s.

The following color-codes are placed on address labels to serve as reminders to our subscribers/members regarding their active status with 4N:

GREEN highlight = Renewal fee due.  
YELLOW highlight = Fee is 1 month overdue.  
RED highlight = Fee is 2 months in arrears...  
FINAL NOTICE!

**## PROGRAM LIBRARY ##**

Disk programs are available from our library at the following rates:

SS/SD = \$2.00  
DS/SD = \$4.00 (includes FLIPPIES.)  
DS/DD = \$6.00

Send disk, self-addressed postage-paid return mailer and check or money order with your specific request to the Program Librarian's attention at the return address on the back of this newsletter.

**## DISKS of the MONTH ##**

Two software programs on disk are demoed each month at the general meeting, announced in advance through the newsletter. These disks are available only to the active members at a discount of .50 cents each. To qualify for the special rate (normally \$2 each), they must be picked up in person during the evening of the demonstration. No exceptions are allowed.

**## PAPER LIBRARY ##**

4N participates in an ongoing newsletter exchange program. Presently, we have over 25 Users' Groups on our mailing list. Active members are encouraged to check out these newsletters (maximum 6 issues) for a ONE MONTH period, and on a first-come, first-served, basis. There is no fee charged for this service. However, members are expected to return them to the paper library, in the same shape as they were received, within the allotted period.

ATTENTION EXCHANGE NEWSLETTER EDITORS... Please send your newsletters to the address on the left +. THANK YOU!

**## S.I.G.'s (Special Interest Groups) ##**

As the need arises by the membership for special instruction in order to develop the skills necessary for a particular software program or hardware item, a special interest group may be called upon by the President. This is not a formal meeting and is usually held at a member's home, where personal attention and instruction is readily given.

**## SUPPORT ##**

4N supports the following vendors:

MICROpendium, P.O. Box 1343, Round Rock, TX 78680  
TEICOMP 1-818-366-6631  
TRITON 1-800-227-6900  
TEXAMENTS 1-516-475-3480  
ASGARD 1-703-253-3085

4N also supports the FAIRWARE concept and urges others who have acquired and frequently use these particular programs to please REMARK THE AUTHOR for his work!

**## COMMERCIAL ADVERTISING RATES ##**

Full Page - \$10.00 / Half Page - \$7.00

Quarter Page or Business Card - \$4.00

ALL RATES ARE FOR ONE ISSUE ONLY!

Present circulation - 54 (As of 3/27/90)

**## MEETING DATES ##**

Unless noted in the newsletter, 4N general meetings are held on the last TUESDAY of each month, at 7:00 P.M., at ROUND TABLE PIZZA, West 4th and Vine St., Reno, NV. Visitors are cordially invited to attend!

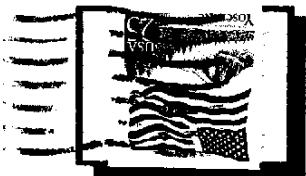
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PLEASE MAKE IT A POINT TO ATTEND THE APRIL MEETING.

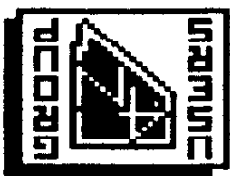
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