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THE  **SMUGLETTER**  
 FROM THE **SOUTHERN NEVADA USERS' GROUP**

Vol. 6 - No. 7

July, 1988

NEXT MEETING

MONDAY, July 11, 1988 - 6:30 PM

NEVADA POWER BUILDING MEETING ROOM

6226 West Sahara, Las Vegas, Nevada

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**PRESIDENT'S MESSAGE**  
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I have been writing the "President's Message" now for some 3 1/2 years. There have been (rare) times when I knew exactly what I wanted to say even before I turned on the computer. There have been times when I struggled for hours to even get the first paragraph typed (also rare). There have been times when I spent the whole day reading the south's exchange newsletters for some clue as to what to write about. Mostly though, it hasn't been too much of a burden. Usually, once I get it started, the "message" just sort of writes itself. Probably the biggest problem that I've had is meeting my deadlines. Just ask Rudy and/or Dee. I have gotten a taste of what it must be like to be a newspaper reporter who's news doesn't always conveniently happen a week or so before his column deadline.

As it happens, this will be my last "President's Message". After the next meeting, SMUG will have a new president. That doesn't mean that I won't be writing for the newsletter anymore. It just means that somebody else will be writing the "President's Message". I will be free to write about whatever interests me (been doing that anyway) without worrying about the deadline. If I find something interesting to write about, I will write about it. If not, I won't. I have several ideas for a series of articles. I have already written several articles that are screaming for a followup. So stay tuned to this station 'cause you aint seen the last of me yet!

Speaking of new Presidents, I thought you might like to see the list of candidates that your nominating committee has come up with for the various offices:

President.....Bob Sherburne  
 Vice President.....Gordon Leonard  
 Secretary.....Cindy Mitchell  
 Treasurer.....Karen Rodgers  
 Youth liason.....Open

There are also a number of "committees" that will require chairpersons (usually the chairperson winds up doing the job, so the word committee is not technically accurate. We have some volunteers for a few of those committees as well:

Disk librarian.....Dee Wellman  
 Newsletter librarian..Lance Wilson  
 Bulletin board.....John Martin  
 Raffle coordinator....Cindy Mitchell

In addition, there are several committees that will need volunteers in order to function. These are:

Newsletter committee: need as much help as possible.  
 Need new editor. Membership committee: recruit new members for the group.

All of the people who are listed here have agreed to accept the offices indicated if elected. We will also be taking nominations from the floor on the night of the meeting, so if you would like to hold one of these offices or committee chairs, then speak up at the meeting.

Probably the most important job that hasn't as yet been spoken for is that of newsletter editor. This has not traditionally been an elected office, but rather an appointed position. We have had a quality newsletter over the last 4 years due to the efforts of Rudy Johnson, Dee Wellman, and for a very short time

Bob Tipton. Lately, Rudy's job has kept him on the road quite a bit. He has been unable to do the newsletter on a regular basis. Dee Wellman has been editing in Rudy's absence and continuing the quality that we have grown to expect. This month, Dee is getting married (congratulations Dee!) and will understandably not want to be doing the newsletter any more. This leaves us with a real problem. Without the newsletter to exchange with other groups, we lose communication with the other TI'ers around the world. We also lose our reminder of when the next meeting will be held. The newsletter editor is the single most important job in the group. We have to get someone, or preferably several people who will be willing to spend a couple hours a month putting together our lifeline to the world.

At this month's meeting, in addition to the elections, we will be having a demonstration from Bob Sherburne of MY ART. MY ART is a mouse driven drawing program from NYARC that runs on the Geneve 9640. This program really shows off the high resolution graphics modes of the 9640.

We will also have a couple of extra items in the raffle pot this month. These include a Smartlink 1200 modem, and a Seikosha 8P100TI dot matrix printer. The Smartlink is a 1200 baud modem that is Hayes compatible. The printer can be used either serial or parallel. It is one that was donated to SNUB by Mark Pence. At one time I used it on the BBS, but found that I really don't need a printer tied up for BBS use, so I have put it into the raffle pot for the election meeting. Maybe that and the fact that we have candidates already for most of the offices will help with the traditionally poor turnout for the annual elections.

If there is time later in the meeting, I will give a first demonstration of a new hardware/software device that I have been working on for the last few months. Actually, I started on it about a year ago, but had to stop working on it so I could devote more time to the TIXPO. That plus the fact that I didn't think it would work on my Geneve caused me to put it on the back burner for about 9 months. I now have it working on both Geneve and 99/4A. I won't say any more about it for now, but come to the meeting and see what I think is a simple hardware device with a lot of interesting possibilities.

That's about it for this month. Thanks for all the support you have given me during my time as president of SNUB. Without your help, we would have long since disbanded for lack of interest. I am looking forward to the next year and the new directions we will surely be heading. I am also looking forward to being able to turn on my computer just for fun without feeling

guilty about that article I haven't written or that disk I haven't sent or that letter I haven't answered. Good luck to all the new officers. I hope you learn as much as I did during my time in office. -See ya all at the meeting!!-

-John-

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**WRONG DATA**  
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I recently read an article dealing with the current state of Myarc's MDOS. (Myarc Disk Operating System) It was published in an untimely subscription newsletter, formerly acclaimed and now the apex of procrastination, and written by a celebrated TI programmer. (The article that is, certainly not the newsletter) Undoubtedly the article was written many months ago and at the time was probably a dependable and accurate report on the status of MDOS. However the article was so obsolete by the time it was circulated that it lead the reader to believe MDOS is currently a bare-bones operating system of limited usefulness, which is certainly NOT the case.

MDOS version 1.01, the most recent, is presently a COMPLETE DOS, capable of formatting from SS/SD to DS/DD, disk copying, file copying, disk checking, disk and file renaming, displaying disk name, disk comparing, erasing, protecting and unprotecting files, and also has the ability to do disk directories in several formats from displaying information on a single file to listing an entire disk on a single screen. The file handling commands support wildcards. (a character, usually the "\*" or "?" which take the place of actual letters in a filename) so that files starting with the same letter or group of letters can be directoryed, erased, or copied as a batch. An "AUTOEXEC" file (a list of commands executed at power-up) can be custom tailored to meet the requirements of your system. The "TYPE" command allows the user to print DIS/VAR 80 files (I've found that DIS/VAR 40 also works) on the screen a page at a time or scroll, or dump them to printer. Any screen information, including directories, can be dumped to printer by pressing the Ctrl Prt Sc or Ctrl P keys together. As yet, "GRAPHICS" screen dumps are not available. Your modem can be used as an auto-dialer (if Hayes compatible) by typing "COPY CON RS232" pressing "ENTER", then type "ATDT1234567" and pressing Ctrl Z. (The number you wish to dial can be substituted for the "1234567" if you wish... smile) "COPY CON" simply means; COPY the following from the CONsole to the specified device, in this case RS232. "COPY CON PRN" will copy what you type to the printer after pressing Ctrl Z. I'm sure that I have missed many of the features of MDOS that DO work, but space

is limited...

None of the commands in MDOS that were designed to work with hard drives work as of this writing, 6/29/88. However, the Myarc HFDC (Hard Floppy Disk Controller) is being shipped and works perfectly with 99-4A systems. The TIMEDE, SPOOL, and RANDISK commands seem to be obsolete since the GPL loader handles all of them automatically. The SPEED command not only doesn't work, it slows MDOS down a bit if you try it. The GPL execution speed can be set with the F4 key before or after loading of the cartridge so it really doesn't matter. The page recall keys also do not work yet. The TIME command works fine but the DATE function has a slight bug in its code which is easily corrected by a program called "DATEFIX". This minor problem will be corrected in the next version of MDOS.

Presently, programs that run out of the MDOS environment are in short supply but more are being written even as I write this. We currently have programs to change screen and character colors, editors, linkers, assemblers, terminal emulators, graphics demos, debuggers, ASCII file readers, and last but certainly not least, GIF and Myart.

Myarc stated that J. Peter Moddie has been commissioned to finish MDOS, and that the links to the HFDC's DSR's have been completed, although some XOP's and portions of the Utility Library still require work. Myarc also stated that Peter estimated the time to completion to be two to four weeks. (The new RUMOR is that it IS finished and that it will be shipped in about a week.) During the interim, those of you who have not yet purchased the best possible upgrade to the TI-99/4A, the Geneva 9640, could have your system up and running at three times the speed of your present 4A system before the new MDOS gets here.

Since I am at the end of this article, this seems like the proper place to divulge another MDOS tip. If you would like to know how many sectors are available on a diskette, a quick way is to type in DIR ZI at the drive prompt. MDOS will do a directory of the disk and display only the files which begin with the letter "Z", then display the used and unused sectors. Very few of my disks have files starting with the letter "Z" so the information is displayed without having to wait for all of the file names to be printed. Warning! do not attempt this on a ZDRK disk! (grin)

E N D  
Bob Sherburne

## LIBRARIAN'S REPORT-JULY 88

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by R. J. BIEDER

This will be my last column as your Programs Librarian. The wife and I are looking forward to a nice long vacation starting some time in July or early August. I won't be here for the August meeting, so if you have any questions in reference to the Disk Library, please ask them at the July meeting.

As far as I know Dee Wellman will be taking over the Disk Library management. Please give him some slack for a month or two until he becomes familiar with it's contents.

I will continue to support SNUG as I always have. I'll still be available for both technical and moral support; just not in the capacity I once was able to provide.

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### BULK DISKETTES:

SNUG still has bulk diskettes for sale. The price for a package of 12 diskettes which includes Tyvec sleeves and labels is as follows: SNUG members - \$6.00 per package or 2 Packages for \$11.50. NON-MEMBERS - \$7.00 per package. First come, first served.

### FREWARE Donations:

Last month I said June's meeting would be your last opportunity to contribute to the FUNNELWEB fund before I sent the money off to Australia. After the meeting Rudy Johnson suggested I write a letter to the McGoverns and ask them what to do with the money. They say want us to purchase some equipment and send it to them instead of trying to send the money. I have decided to do just that.

### NEW PROGRAMS:

I've been working fast and furiously on the programs library trying to get in some assemblage of order for my successor. It's not been easy, but I'm getting there.

Over the past year or so SNUG had accumulated 20 disks of donated TI-Artist Pictures, Fonts and Instances and 6 disks of MAX/RLE pictures. In the past 3 weeks I have processed 1137 TI-Artist and MAX/RLE files. This includes converting 573 pictures to the same format using MAX/RLE. Then, by the process of comparison and elimination using "DSKU-4.0" by John Birdwell, I've managed to scrunch the 573 picture files down to 220 separate pictures (D/F128), 83 TI-Artist Fonts down to 43, and 481 TI-Artist Instances down to 199. The end result, all 462 files are now contained on

just 9 (DS/DD) disks in SNUG's Library.

You'll need the TI-Artist program series to make use of the Fonts and Instances; however, if you want to view the pictures you'll need the MAX/RLE program. For those of you who are not in the know, you can use MAX/RLE to convert the pictures to 1 of 4 different drawing program formats for later modification if you so desire.

"B" which stands for good, great or what have you was briefly demonstrated by John Martin at June's meeting. It's a bit-map graphics program with a command library all its own. Type up your commands using on screen editing or TI-Writer then run your program. Have a ball. It'll be featured on this month's DOM.

PLUS! - (Flippy - 358 & 356 Sectors) - A greatly enhanced version of what used to be called FUNPLUS by Jack Sughrue. The program is primarily for STAR/GEMINI type printers, but can be modified for other printers. It contains templates designed to allow you to make extensive use of the advanced features of TI-Writer which allows you to include Graphics within the text of letters, documents, etc.. The disk is filled with personal and business letter templates, tutorials, and a diverse variety of extended basic utility programs. A few parts of the documentation make use of STAR/GEMINI graphics, so your printouts may come out somewhat frazzled if your printer can't decipher the coding in the text.

An excellent review of the PLUS! programs is contained in the April 1988 issue of the Lima Area 99/4A User Group "Bits, Bytes & Pixels" Newsletter. Note: A copy of the review by Charles Good was included with the disk received from Lima.

TELCO Version 2.0 (Compressed 354 Sectors) - An upgraded and enhanced version with extensive documentation. Unfortunately part 1 of the docs (TELCOD1) is messed up (lines 409 and beyond). Load lines 1 thru 408 into TI-Writer, which will give you about 3/4 of the first file to printout. I'll put it in the Library as is. Maybe we'll get corrected Docs at a later date.

### JULY'S DISK OF THE MONTH!

This month's DOM consists of 2 Program series including the "B" program series that John Martin demonstrated briefly at the June meeting and a Console Troubleshooting and Repair help file.

List of files on July 88 DOM: (347 Sectors Unpacked)

CONREPAIR Console troubleshooting & repair file.  
"B" Bit-Map Graphics program series - PACKED

M-COPY Puts all file headers at start of disk instead of scattered them throughout the disk sectors. Great if you have more than 29 file names on the disk. - PACKED

### JULY'S RAFFLE

July's raffle will feature MORE than the usual modules, books, disks and odd ball items we occasionally manage to scrape up. As far as I know, two special items will be added for July. There'll be a slightly used 300/1200 Baud Smart Modem and possibly a used Printer (PIO). Because of the addition of the Modem and Printer to the Raffle pot, raffle tickets will go for \$5.00 instead of the usual \$2.00. (We gotta recover costs somehow).

SNUG is always looking for new/used items to include in the monthly raffles. Please look through your modules, books and assorted disks to see if you may have some item(s) to donate. Any and all items are welcome and appreciated. Remember, some of our new members are cassette based only and may be able to use those old program books you have lying around.

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|          REMEMBER          !          |  
|    JULY IS SNUG OFFICER    !          |  
|          ELECTION MONTH    !          |  
|    SHOW UP, SUPPORT YOUR  !          |  
|          CANDIDATE AND VOTE. !          |  
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I'll see ya at the July meeting. --- rjb

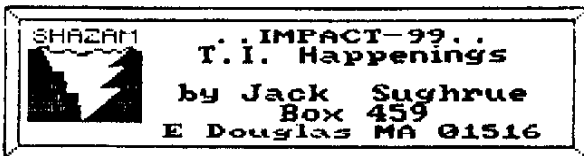
### NEWSLETTERS!

I can't believe the quality of the articles contained in the Newsletters that SNUG gets from around the country from the various User Groups that SNUG exchanges Newsletters with. For instance:

Cleveland Area 99er's: Addressing the Alpha-Lock, TI-Writer Tips, Hooking up a VCR to the 99/4A, and they also reprinted an article that I wrote, (talk about the blind leading the blind. Oh, sorry Cleveland!).

West-Penn 99er's: What can I say about a group of individuals that are on top of the TI world. A little PASCAL, Tips for Beginners, articles from the ever enlightening John Willforth, and a real nice Prototype Board circuit for a Clock-Calendar inside the PE Box.

These and many more great articles for getting ideas and obtaining hints and hidden tricks in the software and hardware realm of this great computer are in the Newsletter Library. See Lance Wilson, Newsletter Librarian at the next meeting to check out some of these superb Newsletters!



#### A "LITTLE" FAIR

I had an interesting TI experience a couple weeks ago. In a way it was unexpected, though I certainly don't know why.

The event was the Free TI Fair in Lima, Ohio. It was sponsored, organized, and run by a dozen or so men who comprise the Lima User's Group.

The EVENT was the best TI faire I have ever attended, and it succeeded beyond everyone's wildest dreams. (There were between 350 and 400 who attended, about the same number who attended the M.F. Fayuh this year.) But it was not the numbers, alone, that made Lima such a success. Nor the fact that the participants came from all around the U.S. (Chatting with me at my table were people from Louisiana, Kentucky, West Virginia, Massachusetts, Pennsylvania, Canada, Indiana, Illinois, New York, Michigan, and many others I can't recall.) And Lima was an event that did not get the usual hoopla and hype that often attends the big fairs in Chicago, Boston, Dallas, L.A., Las Vegas, etc.)

What really made this a great success was the fellowship. Everybody was there for a good time. There were no luminaries (in the sense that superstars were created for the occasion), though there certainly were a lot of talented and interesting people demonstrating and sharing. I guess "sharing" was the secret word. Though I listened to a lot of people that day, I did not hear a single complaint. No one talked negatively about anyone else. There was no deviousness; there were no ripoffs. Instead, there were positive vibes rippling throughout the halls of ivy the entire day. Lima gave to all who attended a real TI charge.

The place - Ohio State University, Lima Campus - had to be physically the most ideal place for such goings-on. The huge, clean, artistically beautiful hall provided more than ample room for all the user groups and vendors. It was light and airy and devoid of the squeezing crunch so common to these fairs. The classroom/auditorium had a podium, comfortable seats, a large, easy-to-see monitor, and excellent lighting. The food service, the clean tables to eat at (far from the madding throngs), the additional service machines, all added to the enjoyment.

And the day! It was a perfect, blue-sky, warm Ohio spring day. Attendees drifted in and out the main building to stroll around the beautiful campus or sit on the numerous benches in sun or shade and delight in just being there.

It was grand! It was recuperative therapy just participating in all that had been provided.

What had been provided?

Everything!

The small Lima group had provided all the tables any group (or individual) needed with ample outlets. They provided signs already up and in place at every single table. And complete systems in many cases, for at-table demos (which went on all day, too). These hosts seemed to be everywhere, on call, to provide the myriad tasks required of well-organized events.

There were excellent demos every half hour: things like Irwin Hott's remarkable setup of TIing for the blind, Jim Peterson's normally wonderful demo (this time his latest NUTS 'n BOLTS), Bud Mills's Horizon Ram, and so on. These events were announced through a system everyone could hear clearly, so there couldn't be a chance of missing anything. Plus, there were ample signs and posters everywhere of all the upcoming events.

For many who were so busy they couldn't fit all the demos in, the Lima Group again provided: FREE videos of the entire five hours of demonstrations and talks!

Not surprising. Everything else was also free. There was no admission charge, so people could come and go freely. There were no charges for tables for user groups, individuals, or commercial outfits. And these people could have as many tables as they wished. No charge, either, for the many signs. There wasn't a charge, either, for the raffles of soft and hardware drawn every half hour. The Lima entourage didn't even charge people for getting ANYTHING they wanted from the vast Lima library (probably one of the biggest in the country).

Two "World Premiers" were made at the fair: the very latest 4.1 of FUNNELWEB sent directly by Tony McGovern and the newest DISK UTILITIES of John Birdwell. Charles Good, who acted as host of the affair, demonstrated both. Both disks will be released to the public soon.

Ohio seems to have more active Tiers per capita than any other state in the Union. For me to have an opportunity to go there and meet all these people with whom I had corresponded (some for years) was a thrill I did not want to miss: Charlie Good, editor of the marvelously unique (and decidedly eccentric) BITS, BYTES & PIXELS; Jean Hall, editor of the classy SPIRIT OF '99; Deanna Sheridan, editor of the fresh and informative CLEVELAND AREA TI'99-4A USER GROUPS NEWSLETTER; Irwin Hott of CONNI (and his seeing-eye friend, Tonka); and, of course, Gentleman Jim Peterson, "Mr. T.I." There were many, many others I got to see again (people like the legendary Mickey Schmitt, who will probably become to TI Adventurers what Larry Bird has become to basketball).

"How did all this TI excitement take place in the middle of nowhere?" as one of my friends who has never been to Ohio asked when I described the event.

Some background was definitely needed to explain this happening in this particular place.

Lima is a city of 48,000. When you drive straight

from the center in any direction for 15 minutes you are in flat farm country, a scattered house every few miles. It is a hundred miles to the nearest airport (Dayton) and many hundreds of miles from a lot of Ohio's biggest cities. (Ohio has Akron, Toledo, Cincinnati, Cleveland, Columbus and lots of other cities larger than Lima.)

The Lima Group formed in 1984 and, after almost four years, has 15 local members and five corresponding members. There are only family memberships with full privileges (home or away) at \$15. This entitles each member to a newsletter that contains ONLY new material. Disks of the latest PD and Fairware software are often mailed with the monthly issues. Several new disks of material are usually added to the library at each monthly meeting. They still have an active tape library over 450 very full tapes for those members without drives. The Lima disk/tape catalog is descriptive, rather than just number and/or title, so you can get what you want without guessing.

Dr. Charles Good (paleobotanist and Associate Professor at the Lima Campus) is the spearhead of this very close, hard-working organization. He keeps in direct touch with active TIers around the world. He, along with President Dave Azippl, organized the Lima Confab (which they call "The Multi-User Group Conference" but everyone else calls the "Lima TI Fair.")

This model user group is unusual in more ways than just bringing the mountain to Mohamed, so to speak. First and foremost, even after spending a weekend with them, I saw no signs of in-fighting, no struggle for power, no pretension. Everyone takes turn being president or another office. The libraries of disks and tapes and newsletters are kept at members' houses. Only a call is needed to pick up the whole shebang. So everyone gets to read all the newsletters (BB&P has a growing exchange.) or dub the tapes or copy the disks. Calls let members know what's new and available. Dropping off and picking up stuff at each other's homes just adds to the overall comradeship of this tight-knit group.

When I asked Charlie why Lima, as host of this event, didn't use it to make lots of money for the group, here is what he said:

"People and groups keep sending stuff to us. I really believe that this free exchange of software and other information is the way to keep our user groups alive and healthy.

"This same philosophy of minimal cost is why we

didn't charge for our conference. At many TI Faires across the country it seems to me that the organizers feel they are doing the attendees and exhibitors a favor by setting up the show. We feel that those who attend our show are doing US a favor by sharing with us their expertise and bringing to us in Lima their software and hardware to sell. So we will try to make it as convenient as possible for those who attend."

What an attitude!

TI PRIDE!

If what I saw of the people in Ohio is any test, the TI world is in good hands for a long time to come.

The really good news is that a second annual event is scheduled for next year. For those who can make it, I'd recommend going. If you can't make it, do the next best thing: join this great group by mail. It's one of the best TI investments you and the exchange librarian of your user group could make. (\$15 a year for the monthly issues and disks and lots more: Charles W. Good, Box 647, Venedocia, OH, 43894. And tell him IMPACT sent you.)

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#### HELPFUL HINT OF THE MONTH

This is from the new ASGARD NEWS magazine (Asgard Software, P.O.Box 10306, Rockville, MD 20850 - quarterly - \$6 per year):

#### \*Print Help For Gemini Users

"Do you have a Star printer?. To be more to the point - do you get ugly white horizontal lines on your screen dumps of GRAPHX or TI-Artist?"

Type in the following program, save it, and run it with your printer on before using your artist programs.

```
10 INPUT "TURN ON PRINTER AN
D PRESS ENTER..":A$
20 OPEN #1:"PI0",OUTPUT
30 PRINT #1:CHR$(27);"A";CHR
$(6)
40 CLOSE #1.
```

Problem solved. I load it before using MAX-RLE and dumping stuff for our newsletter. Just great!

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GETTING THE MOST FROM YOUR CASSETTE SYSTEM  
BY MICKEY SCHMITT  
NUMBER 1  
GETTING STARTED

BEFORE YOU TRY TO DO ANYTHING WITH A CASSETTE SYSTEM YOU NEED TO START WITH THE RIGHT EQUIPMENT. THERE ARE MANY DIFFERENT MODELS OF STANDARD CASSETTE RECORDERS AVAILABLE WHICH WILL WORK WITH YOUR TI COMPUTER. ( BESIDES THE OFFICIAL TI PROGRAM RECORDER ). HOWEVER, FOR BEST OPERATION AND ALOT LESS MENTAL AGGRAVATION, YOU SHOULD USE A CASSETTE RECORDER WITH THE FOLLOWING FEATURES:

1. VOLUME CONTROL;  
FOR BEST RESULTS THIS SHOULD BE SET BETWEEN MID-RANGE AND MAXIMUM SETTINGS.
2. TONE CONTROL;  
FOR BEST RESULTS THIS SHOULD ALSO BE SET BETWEEN MID-RANGE AND MAXIMUM SETTINGS.
3. MICROPHONE JACK;  
THIS JACK IS NEEDED IN ORDER TO RECEIVE INFORMATION FROM YOUR COMPUTER.
4. EARPHONE OR EXTERNAL SPEAKER JACK;  
THIS JACK IS NEEDED IN ORDER TO SEND INFORMATION TO YOUR COMPUTER.
5. REMOTE JACK;  
THIS JACK MAKES IT POSSIBLE FOR YOUR COMPUTER TO CONTROL YOUR CASSETTE RECORDER'S DRIVE MOTOR - THUS YOUR TAPE RECORDER WILL RUN BY PRESSING THE "ENTER" KEY ON YOUR COMPUTER CONSOLE.
6. DIGITAL TAPE COUNTER;  
THIS IS A VERY IMPORTANT FEATURE AS IT WILL SAVE YOU ALOT OF UNNECESSARY AGGRAVATION. THIS FEATURE ENABLES YOU TO EASILY LOCATE THE CORRECT TAPE POSITION OF YOUR PROGRAM OR DATA FILE. THIS IS ESPECIALLY USEFUL WHEN YOU WANT TO STORE MORE THAN ONE PROGRAM ON THE SAME SIDE OF THE CASSETTE TAPE.

NEXT, YOU WILL NEED TO HAVE THE TI CASSETTE INTERFACE CABLE WHICH IS USED TO CONNECT YOUR RECORDER TO YOUR COMPUTER. ALTHOUGH THIS CABLE COMES WITH THE OFFICIAL TI PROGRAM RECORDER, IT MUST BE PURCHASED SEPARATELY IF YOU ARE USING ANOTHER TYPE OF CASSETTE RECORDER. IF YOU ARE HAVING TROUBLE FINDING THIS CABLE, I WOULD SUGGEST TRYING THE COMPUTER BUG ( 412-882-3374 ) 5075 CLAIRTON BOULEVARD, PITTSBURGH, PENNSYLVANIA 15236.

THE FOLLOWING INSTRUCTIONS WILL GUIDE YOU THROUGH THE PROCESS OF CONNECTING YOUR CASSETTE RECORDER TO YOUR COMPUTER USING THE TI CASSETTE INTERFACE CABLE:

1. LOCATE THE NINE-PIN PLUG AT ONE END OF THE CASSETTE RECORDER INTERFACE CABLE. INSERT THIS PLUG FIRMLY INTO THE JACK ON THE RIGHT REAR OF THE COMPUTER.
2. LOCATE THE SET OF THREE PLUGS AT THE OTHER END OF THE CABLE. THE WIRES THAT LEAD TO THESE PLUGS ARE COLOR-CODED: RED - WHITE - BLACK.
3. LOCATE THE JACKS LABELED: MIC - EAR ( OR EXTERNAL SPEAKER ) AND REM ON YOUR CASSETTE RECORDER.
4. INSERT THE PLUG WITH THE RED WIRE INTO THE RECORDER'S MICROPHONE JACK ( LABELED MIC ).
5. INSERT THE PLUG WITH THE WHITE WIRE INTO THE RECORDER'S EARPHONE ( OR EXTERNAL SPEAKER ) JACK ( LABELED EAR ).
6. INSERT THE PLUG WITH THE BLACK WIRE INTO THE RECORDER'S REMOTE JACK ( LABELED REM ).

THAT'S ALL THERE IS TO IT! YOUR CASSETTE SYSTEM IS NOW READY TO GO. NEXT MONTH'S TOPIC WILL BE LOADING AND SAVING PROGRAMS.

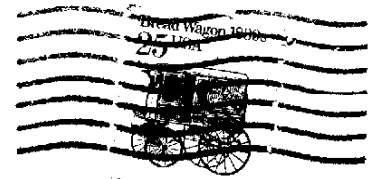
IN THE MEAN TIME, IF YOU NEED ANY HELP IN GETTING YOUR CASSETTE SYSTEM STARTED - JUST GIVE ME A CALL ( 412-335-0163 ) AND I'LL TRY TO HELP.

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SOUTHERN NEVADA USERS' GROUP
The SNUGLETter is published monthly by the Southern Nevada
Users' Group (SNUG). SNUG is a non-profit organization of
individuals with an interest in all aspects of Texas Instru-
ments' 99xx & 99xxx based computers including hardware
and software by third party vendors. The GROUP meets 6:30
PM on the second Monday of the month - currently in the
Nevada Power Company, Wengert Community Meeting Room,
6226 West Sahara Avenue. Visitors and guests are welcome to
attend the meetings. Information on membership is available
at the meeting. Articles may be copied from the SNUGLETter
provided credit is given to both the author and the original
source and that the article not be used for profit.
(For-profit organizations wishing to use any articles from
the SNUGLETter will need to make prior arrangements with the
Executive of the Southern Nevada Users' Group.)
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SNUG OFFICERS 1986-1987:
President: John Martin - 647-1062
Vice President: Steve Buchanan - 363-1043
Secretary: Don Mitchell - 736-1644
Treasurer: Bob Bieber - 878-3167
Librarian: Bob Bieber - 878-3167
Associate Librarian: Lance Wilson - 648-6452
Membership: Dee Wellman - 454-1376
Youth Liason: Joe Leavitt, Jr. - 382-1409
SNUG Bulletin Board - (702)648-1247; 24hours 300/1200
*****
NEWSLETTER INFORMATION:
Editor: Rudy Johnson - 871-9583
Assoc. Ed.: Dee Wellman - 454-1376
Newsletter submissions can be sent to P.O. Box 26301,
Las Vegas, NV 89126. Articles using TI-Writer on disk
are ideal. They may also be phoned with a modem, also
a preferred method.
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Southern Nevada Users' Group (SNUG)  
P.O. Box 26301  
Las Vegas, NV 89126-0301



70:

Dallas TI Home Computer Group

P.O. Box 29863  
Dallas TX 75229

SNUG TREASURER'S REPORT - 30 JUNE 1988 (in lieu of 30 June 1988 bank statement) R.J. Bieber - Treasurer -- (Item adjusted for 1988)	
FIXED ANNUAL EXPENDITURES:	
SNUGLETter (Estimated cost per 100)	\$ 516.00
Publication Costs (\$43/Mo X 12)	\$ 300.00
Postage (\$25/Mo X 12)	\$ 300.00
P.O. Box Rental Fee (\$22 Annually)	\$ 22.00
Bank Account Service Charge (\$8.00/Mo X 12)	\$ 96.00
SNUG B/Board Phone Line (\$11/Mo X 12)	\$ 132.00
Long Distance Phone Calls (Estimated)	\$ 3.00
Miscellaneous Expenditures (Estimated)	\$ 0.00
<b>TOTAL ANNUAL OPERATING COSTS (Estimated)</b>	<b>\$ 1200.00</b>
Annual Dues Collection: (Avg 30 Mbrs X \$18)	\$ 540.00
<b>ANNUAL DEFICIT (Estimated)</b>	<b>\$ 660.00</b>
To be recovered thru Fund Raisers, Disc Copying Fees, Special Sales, etc.	\$ 660.00
<b>FUNDUS BALANCE (as of 31 May 1988)</b>	<b>\$ 581.42</b>
(Includes \$7.81 May 1988 Service Charges)	
<b>COLLECTIONS (during May 1988)</b>	
Membership dues (Regular \$18 X 3)	\$ 54.00
Membership dues (Senior \$12 X 1)	\$ 12.00
Bulk Diskette-Sales (36/Pkg - \$11.50/2 Pkgs)	\$ 33.00
Disk of the Month Sales	\$ 3.00
Miscellaneous TI Equipment Raffle	\$ 26.00
Miscellaneous TI Book Sales	\$ 5.00
FunnelWeb Ver 4.0 Donations	\$ 15.00
J.J. Menu Ver 7.1 Donations	\$ 20.00
TIxpo88 Hat Sales (\$6.00 x 0)	\$ .00
<b>EXPENDITURES (during May 1988)</b>	<b>\$ 158.00</b>
Publication Cost (SNUGLETter)-(0. Wellman)	\$ 19.50
June 88	\$ 27.50
Postage (SNUGLETter Mailings)-(0. Wellman)	\$ 47.00
June 88	\$ 557.42
<b>FUNDS AVAILABLE (as of 30 June 88)</b>	<b>\$ 80.00</b>
Checking Account (General operating funds)	\$ 80.00
FunnelWeb Donations Trust Fund	\$ 53.00
J.J. Menu Donations Trust Fund	\$ 692.42
<b>PROJECTED EXPENDITURES:</b>	
Bank Account Service Charge (June Estimate)	\$ 8.00