

# PUG PERIPHERAL

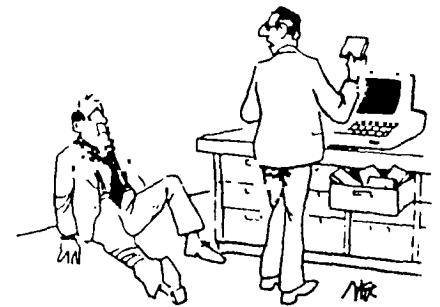
VOLUME 8 OCT. 1985 NO. 1



## TI NEXT MEETING OF PITTSBURGH USERS GROUP

The next meeting of the PUG will be Sunday Oct. 20 1985

Activity	Time	
Basic and Xbasic	3:00	Jonathan Zittrain
TI-Writer	3:00 <del>4:00</del>	Gary Stevenson
Multiplan	4:00	David Gzesh
Forth	5:00	Scott Coleman
Advanced XBasic	5:00	Darren Leonard
General Meeting	6:30	Roy and All
Hanging	6:45	Now that I got your attention come to the meeting'!!!!



"Hang on - I can't find the first-aid disk."

We will have a door prize and a dollar raffle plus all of the programs from the last page will be at the meeting.

We will have demonstrations and information on new products for you. If you give a damn come and tell us about it, you might be surprised to know that Roy and I have EARS. WE WANT TO KNOW WHAT YOU THINK.

I have offered a suggestion for a raffle for a corcomp TRI-TECH card. Tickets would be \$5. If you would like to see this materialize TELL ROY because IF YOU DON'T MY IDEA WILL BE DISCARDED.



# adventure realm

If you like "Dungeons and Dragons," then you're going to love "The Lost Gems of Alberon."

This month I will review a new adventure type game called *The Lost Gems of Alberon*. It runs in Extended BASIC with Memory Expansion and is available on disk for \$15.00. This is almost an exact computer representation of the *Dungeons and Dragons* game.

Your job in this game is to find nineteen jewels of various types-- Star gems, Rubies, and Opals. But, of course, you do not just meander through the dungeon with your "brown and yellow basket" and casually pick up your treasures. Monsters are about! Hungry monsters which will eat you alive if you let them. But you are not ill-prepared, you have your choice of many weapons, types of armour, and even some magic spells ready to be used to help you.

The game format is almost exactly the same as *D & D*. You are given your attributes of strength, wisdom, intelligence, etc. plus spell units that tell you how strong of a spell you can cast. You also have a collection of gold pieces and experience points that you have amassed. By reaching a certain number of experience points, you advance to different levels-- just like in *Dungeons and Dragons*. In each higher level you will be able to cast more and more powerful spells.

The monsters that you will combat are very diverse; you could find a good mummy that you won't even have to fight or an evil human whom you must fight. The only reason why you must combat these is so that you can exit the room safely without having a monster do some damage to you.

The floor plan of the dungeon is purely randomized. That is to say that it is quite impossible to map it. Things will just pop up in a room and are never in the same place twice. This being the case, you must wander through the dungeon combating any monsters that bar your way until one of the missing gems pop up. Also, I would be very careful in finishing the game because the last gem is kind of tricky to pick up. Once you play the game, you'll know what I mean.

I think that this is a very good adventure if you are into *D & D* type games for that is just what this is. This program is a great *D & D* emulation only lacking graphics. I would place it in the ranks with *Tunnels of Doom* less the graphics, and for only \$15.00 it is quite worth the money. So if you are an avid *Dungeons and Dragons* player, I think that this is the game for you.

If you need help on any adventure or want to know something about an adventure, give me a call.

Keith

( - 5 - )

# editor's comments

Hello, I am back from my summer vacation at my family cottage and boy what an experience!

The Tornadoes of May 31 ripped right through my place and almost killed me and my parents. I spent the entire summer cleaning up the debris and fixing roofs. I never saw anything like the sight of a 2 mile wide tornado coming over a mountain right at you, Unbelievable. My windows were being blown into flying peices of glass while falling trees would obstruct highways for 2 weeks. 7 people were killed within 2 miles of where I was and less than 500 feet from where my parents were.

That is behind me now. Back to the Present (pun intended!). I have ordered Star Gazers II and III. There are many more programs available and I will continue to order them at about 2 per month. Please support your club by buying these!!!

The club is going to cut back on unnessacary expenses out of nessisity. We will drop all members who refuse to renew their memberships.

Now that I am back in the saddle again, I intend to do a Tour-de-force as far as the quality of information in this newsletter. Take a look at this months closesly and see if you think that the contents are of some value to you. I will maintain the same quality for the upcoming year.

Any contributions will be gratically accepted. Mail them to MY address.

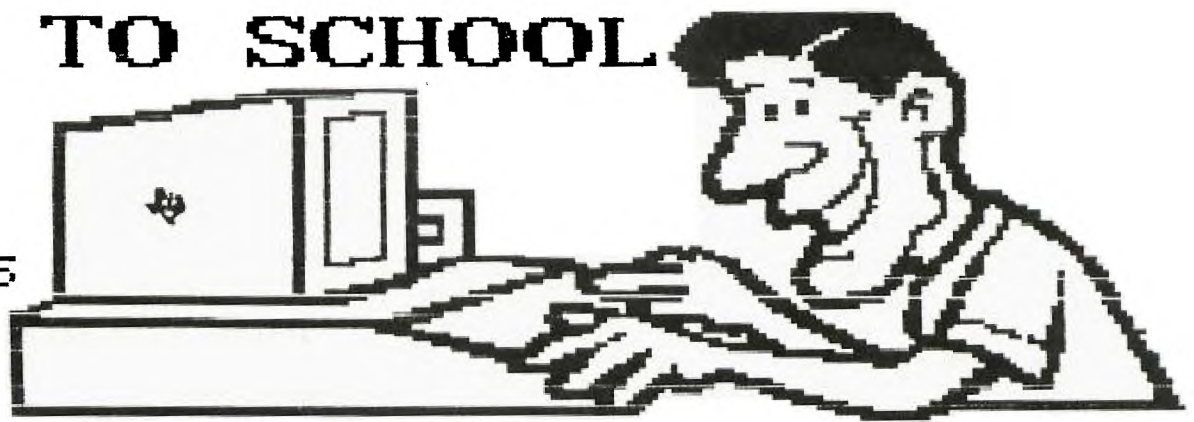
Thanks to Keith Bajura for this month's Adventure Realm.

If you hate the way I write this newsletter and would be willing to become editor please call me and we will accomadate you.

Darren Leonard  
1213 Michael Dr.  
POH. PA. 15227  
412-333-1112

# BACK TO SCHOOL

TI  
SALE!  
PRINTERS  
MODEMS  
DISK  
SYSTEMS



PARALLEL INTERFACE 79.00  
RS232 AND PARALLEL 90.00  
WITH THE PURCHASE OF A PRINTER OR  
PHONE MODEM. REG. 90.00 AND 115.00 EACH  
LEGEND DOT MATRIX 189.00  
EPSON LETTER QUALITY 249.  
COMPUTER BUG RT.51 SOUTH 412-882 3374

```
100 REM DARREN LEONARD 9/16/85
110 REM PITTSBURGH USERS GROUP
120 REM THIS PROGRAM COMPARES VALUES OF A DEFINITE INTEGRAL
130 REM USING RECT,TRAP AND SIMPSON'S RULE
140 REM GIVE EQU SET=TO 0
150 REM
160 PRINT "# SUBDIVISION","RECTANGULAR","TRAPAZIODAL","SIMPSONS"
170 PRINT
180 DEF FNF(X)=X*3
190 A=0
200 B=1
210 READ N
220 DATA 10,50,100,200,-1
230 IF N=-1 THEN 450
240 REM
250 REM FIND FIRST TERMS
260 H=(B-A)/N
270 R=FNF(A+H/2)
280 T=FNF(A)
290 S=FNF(A)
300 REM
310 REM COMPUTE SUMS
320 FOR I=1 TO N-1
330 R=R+FNF(A+(I+1/2)*H)
340 T=T+2*FNF(A+I*H)
350 C=2+2*(I-2*INT(I/2))
360 S=S+C*FNF(A+I*H)
370 NEXT I
380 REM
390 REM ADD TERMS
400 T=T+FNF(R)
410 S=S+FNF(R)
420 PRINT N,H*R,(R+C)*T,(H/3)*S
430 PRINT
440 GOTO 210
```

babbling  
in  
basic



# president potporri

\*\*\*\*\*  
\* C A T A L O G I N G   L I B R A R Y \*  
\*  
\*\*\*\*\*

A FREWARE PROGRAM BY MARTY KROLL JR

## FEATURES

- 1 Catalogs up to 123 disks & 900 files
- 2 Saves data for later listings, additions, or deletions
- 3 Use on single or multiple disk systems
- 4 For single drive systems:  
No need to switch disks until all additions/deletions are made
- 5 For multiple disk systems:  
Catalog from any drive
- 6 When adding disks, catalog is listed on screen  
You have choice to add it or not
- 7 When adding disks, you are informed if diskname is already on file  
If so you can:  
Replace old listing with new  
Give new listing temporary name
- 8 Catalogs these "funny sectored" disks:  
Those that appear not initialized  
Those that appear empty because of sector #1
- 9 Eliminates all non-printable characters from file & disk names  
Replaces them with a period, since no legal filename uses it  
This eliminates sending unwanted control codes to your printer
- 10 Print a standard format catalog of any disk on file, including funny sectored disks
- 11 Outputs the following to screen or printer:  
Summary of disks  
Complete listing of files  
Conventional catalog listing of any disk in the library
- 12 Choose 1-3 columns of printer output for disk summary & file listings
- 13 100% assembly language = fast!!

NOTE Memory Expansion & Editor/Assembler or MiniMem are required

## TO GET A COPY

Send \$3.50 for cost of disk & postage to  
Marty Kroll Jr  
218 Kaplan Ave  
Pittsburgh PA 15227



Then if you use the program please send the author \$10.00 for his time & effort

## FROM THE PRESIDENT:

BOY THE TIME FLEW! SEEMS LIKE JUST A WEEK OR TWO AGO WE DID THE LAST NEWSLETTER.....OOPS....IT WAS. IT'S SURE GOOD TO HAVE DARREN BACK IN CONTROL OF THE NEWSLETTER. LOOKS LIKE THINGS WILL GET BACK TO NORMAL.

I WANT TO THANK EVERYONE THAT HELPED LAST MONTH TO MAKE THE MEETING THE SUCCESS IT WAS. THE DEMOS WERE GREAT, AND ALMOST EVERYTHING WENT WELL CLASS-WISE. WELL, NOT EVERYTHING.

THANKS TO YOURS TRULY, AND HIS UNERRING SENSE OF IMPROPRIATY, TI-WRITER AND TI-MULTIPLAN WERE SCHEDULED AT THE SAME TIME, CAUSING MANY UNHAPPY FACES WHO WANTED TO TAKE BOTH CLASSES. BEHOLD....A NEW SCHEDULE....SEE BELOW.....

3:00	TI-WRITER	BASIC AND XBASIC
4:00	TI-MULTIPLAN	PRIMER BASIC
5:00	TI-FORTH	ADVANCED BASIC
6:30	GENERAL MEETING.....	GENERAL MEETING

## SPECIAL ANNOUNCEMENTS.....

THOSE WHO PURCHASED THE XB TI-WRITER DISK FROM THE CLUB THIS YEAR CAN EXCHANGE THEIR COPY FOR AN UPDATED VERSION STARTING THIS MEETING AT NO CHARGE. AS YOU KNOW, THE ORIGINAL HAD A BUG IN IT THAT LOCKED UP THE P-BOX WHEN YOU TRIED TO ACCESS THE #3: UTILITY FUNCTION.

HOPEFULLY, THE LATEST GROUP LICENSE PURCHASE WILL BE AVAILABLE AT THIS MEETING. WE PURCHASED THE REMAINING TWO SECTIONS OF STAR-GAZER FROM JOHN PHILIPS AT A SPECIAL PRICE, AND WILL PASS THIS ON TO OUR MEMBERS. THOSE WHO PURCHASED THE ORIGINAL DISK MAY EXCHANGE IT FOR A NEW DISK WITH ALL THREE VERSIONS FOR \$10 AND YOUR ORIGINAL. ANYONE WHO HASN'T PURCHASED THIS EXCELLENT EDUCATIONAL DISK ON CONSTELLATIONS, MAY PURCHASE THE COMPLETE SET FOR TWENTY DOLLARS. THIS IS A SAVINGS FOR MEMBERS OF TEN DOLLARS OVER PURCHASING THEM SEPARATELY, AND A SAVINGS OF SEVENTY DOLLARS OVER THE ORIGINAL MARKET PRICE.

LOOKING FORWARD TO SEEING YOU ALL AT THE NEXT MEETING. REMEMBER, BRING A FRIEND, BRING A LOVER, BRING A SPOUSE, OR BRING ALL THREE, BUT COME ON OUT AND SPEND THE DAY WITH YOUR FELLOW 99'ERS. AND IF YOU'RE WORKING ON SOMETHING NEW, BRING IT ALONG AND SHARE IT WITH YOUR FRIENDS. WE'VE GOT TIME FOR EVERYONE. SEE YA THERE.

ROY

TIPS AND TIDBITS  
by Darren Leonard



First of all in the clubs mailbox we have several interesting peices of mail. There is an offer from Enclyclopedia Brytannica for a complete set of enclopedias for our group at a substancial discount. Of course I immeadiately ordered a set because I know what a vital asset to a computer club they are. I don't know about you, but I joined this club because of the reputation User's Groups have as a source of reference material. When they come, you will have acces to them at the meetings.

We also have an offer for a retirement plan. If you ask me, which nobody will (that is why I am writing this), sending a form letter worded like this: Dear Pug 99/4A Computer Club

We have checked you finiancial history and found that you would be eligible for our defered retirement plan....

is a bit ludicrous. This emphises how thoses one of a kind, nothing like it, not sold in stores junk mail that claims you are qualified for something are bogus

TI has just smashed 25,000 surplus 99/4A consoles. They have also buried upwards of 100,000 overproduced command modules, mostly tombstone city and munchman. Why they didn't donate them to schools eludes me, but I have never understood TI anyway.

The latest issue of HOME COMPUTER DISASTER, (or magazine if you wish), has come out. This magazine is trash. It doesn't contain anything useful AT ALL. I renewed my subscription in FEB 83 and am still recieving this MONTHLY periodical. If you were contemplating a magazine subscription, do you self a favor and buy Micropedium and Smart Programmer. You can have both for the price of HCM and they are infinitely superior to Kaplan's Komial Kreation.

When using TI writer (as I am now), you may use the following commands.

PF--1 10 PIO PRINTS LINES 1-10 ON PIO  
LF--2 1 10 DSK... LOAD LINES 1-10 AFTER 2  
SF--4 19 DSK... SAVE LINES 4-9 TO DISK

If you get a copy of a FREeware program please see if the club has it. If every member were to contribute FREeware to the club all members would have access to it.

Any member may place a 300 character ad in this newsletter absolutely FREE. If you are selling or buying why not do it through the Peripheral?

Corcomp has several new productes out. They include a Clock/Calender and 64K printer buffer. Check it out at the COMPUTER BUG 882-3374

Still waiting for the 99/8 to come out. Everywhere you look there is more and more written about MYARC's invention. But as soon as some DEFINITIVE info comes along IT WILL APPEAR HERE.

Disk Manager 1000 is a FREeware program that is a vast improvement over DMII. It will copy sector by sector or bit map, it has a multitude of features you always wished DMII had. See it at the next meeting along with Star Gazers II, III and some other programs.

If anybody is initerested, I have the detail on how to change the battery in the Mini-Memory for the price of the BATTERY instead of the \$35 TI-wants.

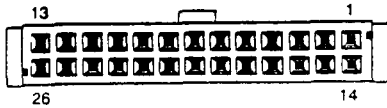
You may obtain a build it yourself CloCk/Calender/ADC card for only ~80. ADC is analog to digital converter, which would enable you to have your computer control your house (yes Mr. Orwell). It seems like a VERY reasonable deal and you may obtain detail from:

MBP  
5522 East Harry St.  
Wichita Kansas 67218

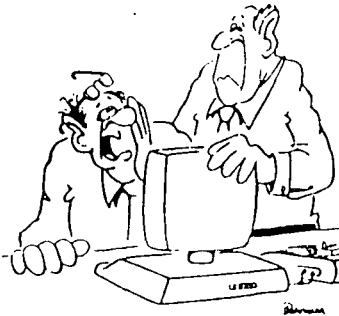
If you are interested Wichita TiBBS (316)681-3167  
If anyone builds one please consider demonstrating it at a meeting.

Well the Chips are BYTeing so I better logoff before I get BIT. DFL

et cetera



Pin No.	Signal Name	Flow	Pin No.	Signal Name	Flow
1			14		
2			15		
3			16		
4			17	SG	
5	INPUT	INPUT	18		
6	INPUT	INPUT	19	PRIME	OUTPUT
7	BUSY	INPUT	20	SLCT	INPUT
8	DATA 8	OUTPUT	21		
9	+5 V		22	+5 V	
10	DATA 6	OUTPUT	23	DATA 7	OUTPUT
11	DATA 4	OUTPUT	24	DATA 5	OUTPUT
12	DATA 2	OUTPUT	25	DATA 3	OUTPUT
13	STB	OUTPUT	26	DATA 1	OUTPUT



"All the details of my life are stored in this system -- and I forgot the password."

# THE PITTSBURGH USERS GROUP IS

**President** Roy Carlson 481-5927  
**Vice President** Jonathan Zittrain 731-4895  
**Librarian** Dennis Senay 462-3093  
**TREASURE** CLAYTON COLEMAN  
**Corres Secty** Nancy Senay 462-3093  
**Record Secty** Herb Rich 531-9023  
**Editor/Assem** Darren Leonard 885-1502



```

    >> CONSOLE BASIC <<
    GRAPHICS- From NE Iowa UG- By Barb Berg.
100 CALL CLEAR
110 X=112
120 FOR I=0 TO 8
130 READ A$(I)
140 IF I=8 THEN 180
150 CALL CHAR(X,A$(I))
160 X=X+1
170 NEXT I
180 CALL SCREEN (2)
190 CALL COLOR(11,1,1)
200 PRINT TAB(10);"pqr" pqr":::::TAB(1
    2);"stuvw":::::
210 CALL COLOR(11,10,1)
220 FOR I=0 TO 14 STEP 2
230 GOSUB 310
240 NEXT I
250 FOR I=16 TO 0 STEP -2
260 GOSUB 310
270 NEXT I
280 FOR DL=1 TO 500
290 NEXT DL
300 GOTO 220
310 J=0
320 FOR X=112 TO 114
330 CALL CHAR(X,SEG$(A$(8),1,I+2&SEG$(A
    $(J),I+3,LEN(A$(J))))
340 J=J+1
350 NEXT X
360 FOR X=115 TO 119
370 CALL CHAR(X,SEG$(A$(J),1,16-I))
380 J=J+1
390 NEXT X*
400 RETURN
410 DATA 01030F1F3F7F0F3,FFC3810000000
    81,80C0E0F0F8FCF0C0,000707030100000
    0,00F7F7F7F7F77030
420 DATA 00EFEFEFEFEF0000,00DFDFDFDFDE1C
    18,00C0C08000000000,0
  
```

```

A LITTLE DIFFERENT --EXTENDED BASIC--
100 REM BUBBLES
110 CALL CLEAR :: CALL CHAR(100,"3C4289
    8181423C"&RPT$("0",48),108,"9942008
    181004299"&RPT$("0",48))
120 CALL CHAR(104,"07182040408080808080
    804040201807E01804723A1909010101010
    2020418E0")
130 CALL CHAR(112,"81412010000001C3C3010
    0001020418181820408000080C3C38000000
    8048281")
140 CALL SCREEN(15) :: CALL MAGNIFY(3)
150 CALL SPRITE(#1,100,6,165,80,#2,104,
    16,135,160)
160 FOR X=9 TO .01 STEP -.08 :: Y=COS(X)
    :: X1=X*15 :: Y=Y*.65 :: Y=ABS(100-Y)
170 CALL LOCATE(#1,X1+30,Y/2,#2,X1,Y) ::
    NEXT X
180 CALL POSITION(#1,R1,C1,#2,R,C) :: CAL
    L DELSPRITE(#3,#4) :: CALL SPRITE(#3
    ,130,16,R1,C1,#4,112,16,R,C) :: CALL
    DELSPRITE(#3,#4)
190 FOR D=1 TO 100 :: NEXT D :: GOTO 150
  
```



# PUG SAPPHIRE SOFTWARE BONANZA



The following programs are available from the PUG.

Prog Name	Ctg req	Amount	Check if wanted
1)TI-writer	x-basic	\$10.00	_____
2)Star Gazer I	E/A	\$10.00	_____
3)Star Gazer I,II,III	E/A	\$20.00	_____
4)Star Gazer II,III	E/A	\$10.00**	_____
5)TI-runner	E/A	\$10.00	_____
6)Tile Breaker & Boxer	X-basic	\$10.00	_____
7)D-Station I,II	E/A	\$10.00	_____
8)Basic Compiler	X-Basic	\$10.00	_____
9)Forth Games	Forth	\$10.00	_____
10)MassCopy I,II&Disko&TE30	E/A	\$10.00	_____
11)DOM Sept 1985	X-Bas,E/A	\$5.00	_____
12)DOM Oct. 1985	X-basic	\$5.00	_____
13)Fast Term,DM1000V2,DM4 VDT,SuperDebugger, TI-disassembler	E/A	\$10.00	_____
14)TI-forth &Maual	E/A	\$15.00	_____

Sub Total \$\_\_\_\_\_00

Special!!!!	New Mebership	\$17.00	\$_____00
	Member Renewal	\$12.00	\$_____00
	Newsletter Sub	\$ 7.00	\$_____00

Orders over \$30 will recieve a FREE DOM OCT 1985	Postage	\$ 1.00
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Grand Total \$\_\_\_\_\_00

Name \_\_\_\_\_

Mail to :

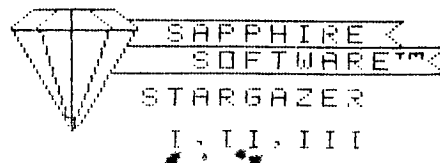
Address \_\_\_\_\_

PUG Sapphire Software  
P.O. BOX 18124  
PGH PA 15236

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

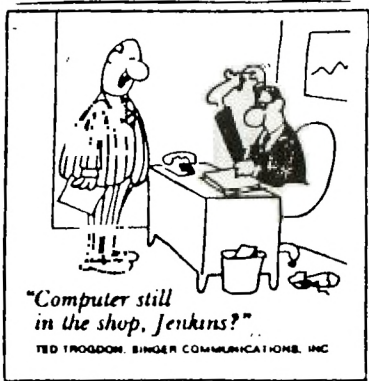
\*\* Plus trade in of SAPPHIRE SOFTWARE Star Gazer I Allow 2-5 weeks original disk.

## MEMBERS ONLY



PUG





*You mean that after unpacking the styrofoam padding, the cushion-layering, the thermodynamic seal, and the plastic wrapper, that's what was left?"*

ALBERTA CANADA T5J 3L1  
 EDMONTON  
 P.O. BOX 11983  
 EDMONTON 99ER USERS GROUP



PITTSBURGH USERS GROUP  
 P.O. BOX 18124  
 PITTSBURGH, PA. 15236

COLLECT