TPUG News

Welcome to the TPUG/Transactor Pages

by Jim Butterfield

TPUG news now comes in a new package. It comes with *The Transactor* magazine. In this section—the TPUG part—you'll find the usual TPUG news, views, catalogues and other material related to the user group's activities. In the "main" part of *The Transactor*, you'll see a high quality journal.

Why the change? TPUG decided to go to a joint *Transactor*/TPUG publication in order to save money for its members. *TPUG Magazine*, the traditional user group publication, contained good material and was well organized. But it cost a good deal of money to produce, and continuing its publication would have called for a stiff increase in membership fees. Rather than go that route, the user group board of directors decided to take advantage of the publishing facilities of *The Transactor* to keep its membership informed on club activities.

You may know *The Transactor*. If so, you know it's an excellent technical journal dealing with Commodore products. Although the magazine contains some quite profound technical material, it's not entirely serious tech stuff. The editor, Karl Hildon, seems to take great delight in showing new ways to "crash" your computer with oddball POKE commands (don't worry, no harm will come to the machine from doing these), and many of the programs and techniques given are useful and practical stuff.

If you haven't met *The Transactor* before, take a look through the pages. There's quite a mixture of material here. You don't need to read it all . . . but you'll find it a rich source of information on your computer and its peripherals.

Some TPUG History

When Lyman Duggan started TPUG (at that time, he called it "Club 2001" after Commodore's only computer, the PET 2001), he just phoned the 15 or so members to tell them about a new meeting. Coffee and doughnuts were served at the meeting, and Lyman had a tray of cassette tapes for sale, which contained public domain programs.

By the time membership rocketed to 30 or 40, a single sheet of paper was mailed to interested persons, giving meeting details and anything else that Lyman could think of to fill out the sheet—speakers, programs, tips or whatever.

Then Lyman had to leave to take up work in Florida, and TPUG reformed as a user group. An editor was selected—Bruce Beach—and *The TORPET* was born.

The TORPET was a publication independent of TPUG. It published on behalf of TPUG as a matter of commercial contract. Over the years, it grew in size and acquired typesetting and full-colour covers. Eventually, Bruce decided to divorce his publication from TPUG and go on his own. And the user group set up a new publication . . . *TPUG Magazine*.

Here's something curious about *The TORPET* magazine: it's still being published. But the meaning of its name has changed, and its subject matter is completely different. "TORPET" used to mean "Toronto PET (user group)", but the magazine now identifies its name as: Today's Oceanographic Research Program for Education & Training. Bruce has floated a new business (literally: it's a ship called *Canada's Tomorrow*) and his interest now lies in the area of underseas exploration using robotics.

So *TPUG Magazine* came into being, with David Williams as the editor. David was taking a break from his career in education, and was eventually replaced by a full-time editor: Nick Sullivan.

And with the publication of the final edition of *TPUG Magazine*, Nick transfers to the staff of *The Transactor*. He'll keep continuity in the flow of information from the user group to you.

Some Transactor History

The Transactor started out as a publication of Commodore Canada. It was a few mimeographed sheets. . . sometimes with a technical bulletin attached.

When Karl Hildon joined Commodore Canada, there was a marked change in *The Transactor*. There was more material, more carefully edited. Karl was aware that *The Transactor*, as a Commodore publication, had the "stamp of authority". If the magazine said it was OK to make a modification to your computer, Commodore would have to stand by it.

Karl was quite tough and independent on Commodore matters. If Commodore goofed, *The Transactor* would say so. If bugs were suspected in any system component, you'd see it in print—fast.

When Commodore decided to give up publication of *The Transactor*, Karl went out and found another publisher. He found it in BMB Compuscience. He also found the resources to expand *The Transactor* into a professional publication with a full-time staff. Over several years, circulation grew to sizable proportions.

Now, with the integration of TPUG functions into the *Transactor* area, members will get both information sources in one package.

Keep in mind that this insert is still TPUG territory. The club will still put current information here. There's less room for contributed material, but it will still be fitted in when possible.

And it's still the main link between the user group and its associate members. If we want to be a club, we must keep in touch. Now, that's what this section will be doing.

And welcome to this new information area.

All meetings begin at 7:30 pm sharp, unless otherwise specified. Capitalized dates indicate that the meeting does not fall on its normal day of the month.

VIC 20 Chapter: York Public Library, 1745 Eglinton Ave. W. (just east of Dufferin) in the Story Hour Room on the second Tuesday of the month unless otherwise specified.
1986: SEPT 16, Oct 14, NOV 18, Dec 19
1987: Jan 13, Feb 10, Mar 10, Apr 14, May 12, June 9

Commodore 128 Chapter: York Public Library, 1745 Eglinton Ave. W. (just east of Dufferin) in the auditorium on the first Tuesday of the month unless otherwise specified.
1986: SEPT 16, Oct 7, Nov 4, Dec 2
1987: Jan 7, Feb 3, Mar 3, Apr 7, May 5, June 2

COMAL Chapter: York Public Library, 1745 Eglinton Ave. W. (just east of Dufferin), in the Story Hour Room on the fourth Tuesday of the month unless otherwise specified.
1986: Sept 23, Oct 28, Nov 25, DEC 18
1987: Jan 22, Feb 24, Mar 24, Apr 28, May 25, June 23

Amiga Chapter: Clarkson Secondary School, Bromsgrove, just east of Winston Churchill Blvd., Mississauga; at 7 p.m. in the Little Theatre on the third Wednesday of the month, unless otherwise specified.
1986: Sept 18, Oct 15, Nov 19, Dec 17
1987: Jan 21, FEB 12, MAR 12, Apr 16, May 21, June 18

Westside Chapter: Clarkson Secondary School, Bromsgrove, just east of Winston Churchill Blvd., Mississauga; in the Little Theatre on the third Wednesday of the month, unless otherwise specified.
1986: Sept 18, Oct 15, Nov 19, Dec 17
1987: Jan 21, FEB 12, MAR 12, Apr 16, May 21, June 18

Brampton Chapter: Brampton Public Library, Four Corners Branch, 65 Queen St., on the second Thursday of the month, unless otherwise specified.
1986: Sept 11, Oct 9, Nov 13, Dec 11
1987: Jan 8, Feb 12, Mar 12, Apr 9, May 14, June 11

68000 Chapter (formerly SuperPET): Curtis Lecture Hall C, York University Campus (on the north side of the ROSS Building), on the third Wednesday of the month unless otherwise specified.
1986: Sept 17, Oct 15, Nov 19, DEC 10
1987: Jan 21, FEB 11, Mar 18, APR 8

Commodore 64 Chapter: to be confirmed

Eastside Chapter: Dunbarton High School (go north on Whites Rd. from the traffic lights at Highway 2 and Whites Rd. to next traffic lights; turn left to parking lots), on the second Monday of the month unless otherwise specified.
1986: Sept 8, OCT 6, NOV 10, Dec 8
1987: Jan 12, Feb 9, Mar 9, Apr 13, May 11, JUNE 1

TPUG on Delphi

by Jane Parris and David Bradley

If you are looking for an international online information service, TPUG is pleased to announce our very own section on Delphi. Delphi is easily accessible throught Uninet, Tymnet and Datapac, so you can access locally from almost anyplace in North America. It can also be accessed through comparable networks in other countries.

There are no extra charges for using the TPUG Special Interest Group (SIG) other than Delphi's regular hourly charge. Please note that Delphi has one rate *regardless* of your transmission speed, so accessing at 1200 baud is a real bargain. This SIG is open *only* to members of TPUG and you will be asked to leave your membership information before you can access the SIG.

When you enter the SIG you will see a menu. Here is an overview of some of the more widely used features:

Database: In the ever-growing Database you will find recent and classic TPUG library releases for all Commodore machines. These fine programs are available for your downloading pleasure.

Forum: The Forum is the area for posting and reading public messages to and from your fellow TPUG members. It is a great place to debate and exchange technical information, concepts and ideas.

Mail: You can use the Delphi Mail system to send and receive private messages with other TPUG members as well as any other Delphi user.

Poll: In the Poll section you can create, read and vote on polls covering a wide range of topics. A fine opportunity to find out what other TPUG members think about all sorts of things, eh!

Conference: The SIG also offers real time Conferencing where you can have private online talks or participate in group discussions. These talks can be an informal gathering or an organized conference with a specific topic and, sometimes, special guest appearances.

Membership Directory: In the Membership Directory you can post information about yourself and your interests as well as search the directory for members with similar interests. You can also look up profiles of specific members provided that they have entered their information into the directory.

Other Delphi Services

Besides the TPUG section, Delphi has a lot to offer. You can access the latest news from Associated Press, see how your stocks are doing, make travel arrangements and reservations online. You can also participate in multi-player games, try your luck in the Delphi casino, or use your creative talent to add to a collaborative novel. Delphi also offers an extensive research library including access to Dialog and the Kussmaul Encyclopedia.

Accessing the TPUG Section

Now that you know a little about the TPUG SIG and Delphi, you might want to know how *you* can access this great SIG. First, locate *your* local network that will allow you to access Delphi. If you have trouble doing this, you can call Delphi at (617) 491-3393 for help. If you are in the United States outside of Massachusetts you can call their Toll Free Hotline at (800) 544-4005.

Once you are connected with Delphi, enter the word **tpug** at the **Username** prompt. Then enter the following authorization code: **online**. You will then go through the standard Delphi online sign-up procedure and will be given access to Delphi the following business day after your information has been verified.

When you are a proud Delphi subscriber you can get to the TPUG SIG simply by entering **gr tp** at the **main** prompt. Once you get there, if you have any questions or problems, leave one of the SYSOPs a Forum message. You *could* leave a private message through the Mail section, but you are likely to get faster and possibly many more replies to your question if you use the Forum. The discussion(s) that result from your question will be of assistance to other new users as well.

Be sure to check the **using delphi** section from the Main menu to find out about Delphi rates and the famous money-saving Delphi Advantage Plan.

We hope to see you taking advantage of the TPUG SIG on Delphi very soon, eh!

TPUG CONTACTS

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1670 Modem–1200
from Commodore
1200 baud modem
for C–64, VIC 20,
C–128 and Plus/4

Review by David Bradley

The 1670 modem from Commodore is a 300/1200 baud modem that supports a lot of the Hayes commands, which have become a de facto standard in the world of microcomputer telecommunications. Thus, it will work with most terminal programs that support the Hayes modem(s).

The 1670 plugs directly into the user port on your Commodore 128, Commodore 64, SX–64 or VIC 20 computer. This means you will not have to buy any additional interface or cable. The 1670 can also be used on the Plus/4, although it does not come with a terminal program for it. (Be sure to refer to page 69 of the 1670 manual for the Plus/4 instructions.) A terminal program that will work with the 1670 and the Plus/4 is available in the TPUG library on disk (C)C4. The modem has a small built-in speaker so that you can hear what is happening when you dial a supposed BBS number.

If you have your 1670 plugged into your computer and connected to your phone system, and your computer is on, the modem will automatically answer the telephone whether there is a terminal program present or not. This can be more than mildly annoying. You can get around the problem by removing the 1670 from your computer, or by unplugging your telephone connection. More conveniently, you can change the modem's default setting of auto–answer with the following little program, which will stop the 1670 from answering the phone until the next time you turn off your computer:

```
10 open 2,2,0,chr$(6) + chr$(0)
20 print#2,' 'AT S0 = 0' '
30 close 2
40 end
```

Remember, this will work only for as long as your computer is on, so if you have loaded in a game and then power down your machine, the program will have to be loaded or typed in and run again. If you have a cartridge in, I suppose you will have to unplug either the modem or the phone line. Rumour has it that Commodore is going to put a switch on the next batch of 1670s they make.

Common Sense, the terminal program included with the modem, seems to be very powerful but, from what I have heard, as well as what I have experienced first hand, it is not for beginners, even with the 1670 manual as a guide. It also does not support Punter protocol for file transfers. It might be of interest to know that Commodore Canada recently asked TPUG for a public domain program they could recommend for use with the 1670. **ThirdTerm** was the program suggested, and it is available from the TPUG library. There are many other fine terminal programs available in the public domain that will work with the 1670.

The 1670 can be used to run a BBS (Bulletin Board System), but an RS232 Hayes or Hayes–compatible modem would probably be better. If there were a power failure, the 1670 would be back in auto–answer mode as soon as the power returned, even though the BBS program will be dead. For people or PunterNet nodes calling long distance, this can mean a lot of unnecessary long distance charges. A Hayes modem can be configured with DIP switches to not automatically answer a call.

If I were looking for a 300/1200 baud modem for calling BBSs (such as the TPUG BBS) or bigger systems (like the TPUG Section on Delphi), I would get the 1670.

1670 Modem–1200, $299.99 (Cdn.), from Commodore Business Machines, 3370 Pharmacy Avenue, Agincourt, Ontario M1W 2K4.

Creative Writer
from The G.A.S.S. Co.
Sentence generator
for Commodore 64

Review by Marya Miller

Creative Writer is supposed to be an 'artifical intelligence' program that creates its own grammar, poetry and curses, but I found it needed an awful lot of help to synthesize syntaxes that actually worked. The poetry module in particular was disappointing. You are supposed to be able to enter your own sentence syntax, following the pattern of a well–known poem; enter your own vocabulary; then sit back while **Creative Writer** spews out parodies of that famous poem.

A lot of work, with poor results. Half the sentences didn't make sense, syntax–wise. It's no fun when you can only do selected bits of Robert Frost.

There are good things about this program, however. The manual, though very simple in its physical production (i.e. cheap), is also mercifully clear. If you follow it page by page, you will find that there is some truth to author Ken Stange's claim that "C.W. is downright user–obsequious". He has worked hard at making it easy for the user to have instant fun with **Creative Writer**. He has inserted files the user can load along with his or her own vocabulary files, to save time in construction: 'present tense' transitive and intransitive verb files, for example. This gives the user a taste of the program almost instantly.

Creative Writer also recognizes prepositions, conjunctions and pronouns, which saves the user time when creating syntaxes; but, if the program had been a serious grammatical tool, it might have been better if one had to identify these words when analyzing sentences during syntax creation.

Which brings me to voicing a grave suspicion that **Creative Writer** was not entirely meant as a serious grammatical aid. Clues? Well, for one, the flippant tone of the (nevertheless lucid and efficient) manual: "First, grin devilishly. Creative cursing is one of life's great joys, and cursing is what is next on the curriculum." He is not kidding. Tutorial I introduces you to how the program works. Tutorial II is called 'Twenty Curses', and the user gets to semi–create. He or she inserts names of friends (?) and whatever vocabulary the user desires, and **Creative Writer** obligingly and solemnly produces curse after curse for its master's delectation. ("May you have a Russian with a tragic restaurant, and may he hopefully munch on you" was about the tamest, last session.) You can save these creations to disk, for retrieval later, or print them out directly on your printer.

I found making my own syntaxes the most fun (Tutorial III). You key in a sentence, and **CW** flashes 'Thinking. . .' at you. It doesn't think for long: before you know it, **CW** is analyzing each word and asking you (with help offered) to identify the word grammatically. Then it tests your syntaxes before your eyes, and gives you the chance to reject ones that don't work.

It's a curiously ambiguous program all the way through. It's not sure if it is meant for fun, or as a learning aid. It's very clever, and yet painfully crude at times (and I'm not talking about the curses, here). It's both intelligent and sniggeringly juvenile. It's addictive the way bad mini–series on TV are: you can spend ages watching the screen, thinking "This one's the last sentence. I really must get up and do some work."

Its style ranges from the sordid to the

sublime. It can read like a Harlequin hotbed of perverted passion ("Do you have time for me, my wet skunk, now that you have launched Rebecca?") or as profound as Caine, of *Kung Fu* ("It is less dainty to have sweated for an enemy than to have sank from sight for a wino."). It can give you great beginnings for short stories or novels ("Underneath it all, Elliot was really a very dull priest.") or do a bad imitation of Dylan Thomas ("It was a dry, handsome painting that Hugh giggled, and he did it without a goddess.")

It would be helpful if the user were able to erase files from within the program. There was also a bug in my copy: after the instructions, the program crashed. All I did, however, was hit **run–stop/restore** and rerun it, declining the instructions, and it worked fine.

The bottom line is, however, this program is worth the $29.95 (Cdn.) it costs, and I'll probably keep pottering away at the 'poetry creation' section, trying to get it right. It's not a one–time, back–shelf dust collector, by any means. More likely, an insomniac's time–killer.

There are more sophisticated programs of this nature on the market (Mindscape's **Racter**, for example). But **Creative Writer** might serve to jog your memory on certain points for grammar, if you happen to be rusty in that area, and it is fun for the frivolous–minded.

The Hobbit
from Addison Wesley
Adventure game
for Commodore 64

Review by Marya Miller
J.R.R. Tolkien would probably have been very pleased with this imaginative adventure game from Addison Wesley, because it attempts to follow his original book faithfully. In fact, the manual warns players who are unfamiliar with Tolkien's work (*are* there such persons?) that they will have to read *The Hobbit* itself for clues (particularly Chapter 2). Addison Wesley has obligingly included a copy of the book with the game — a very nice touch.

The package itself is beautifully designed, complete with an original Tolkien illustration on the front of the box and Elvish–looking border artwork. The user's guide is not only delightfully full of original Tolkien illustrations, it is also a masterpiece of clarity, both from a layout point of view and for the intelligent instruction it provides to all levels of player, from the beginner who has never touched an adventure game before to the hardened veteran. The former will be grateful for the well–filled 'hint' section, the map–making instructions and the vocabulary assistance. The latter will appreciate the ease with which he or she can skim through the manual picking up key points and peculiarities of this particular game.

Those as linguistically inclined as Professor Tolkien ought to have fun cracking the code of nineteen 'second–level' hints thoughtfully provided in case you get too frustrated, when stuck. And you *will* get stuck. As Gollum might say, this game can be tricksy, my Precious.

I may as well admit right here that I've had the game since Christmas, and haven't finished it yet. (I have got as far as the Lonely Mountain — no mean feat — but I haven't yet figured out how to stop that dratted dragon Smaug from killing me.) However, it's not one of those frustrating games you eventually abandon in disgust, having got so far and no further. It's the sort of game you come back to, every time you have a precious couple of hours free, to happily immerse yourself in. This game is fun to play, not just to finish. You can play several different ways, producing different outcomes and different circumstances — virtually a different game every time.

Things can *happen* in this game. There's a boat that appeared the first time I played, but never floated down the stream again, until I was almost convinced I'd imagined it. On one occasion, Bilbo (that is, I) got to Rivendell, and found Elrond and a giant warg lying dead at the gates (obviously they had had a terrific battle). And you can talk to the other characters.

Gandalf and Thorin can accompany you, if you want, and you can ask them to do things for you. This can be useful, and it can also be a lot of fun. I wouldn't advise hitting Thorin, however, no matter how obtuse he can be. Which, actually, is not as obtuse as Elrond, who has a bad hobbit of giving you lunch when you ask him to kill Gandalf. (Real peacemakers, those elves!) And you've got to be careful, because both Thorin and Gandalf are a bit absent–minded and will quietly wander off, right when you need them. (One beef here: it gets boring to have to re–key 'Say to Gandalf' every time you want him to do something. It would have been nice if you could just press one key to repeat the phrase 'Say to' — the same as you can press the @ key to repeat your previous command).

There's a soundtrack with this game — ridiculously absurd music, very grandiose and exactly what you'd expect from hobbits. I haven't tired of it yet. There are spooky sound effects, a truly nasty Gollum, orcs, spiders, elves, a jailer (if you manage to get yourself captured in Mirkwood) and, of course, Smaug the Tremendous himself.

You can play **The Hobbit** with or without graphics, and this game has the distinction of being the only adventure game whose graphics I enjoy — I skip them when going over old territory, and look forward to them in new.

The Hobbit does have frustrating points. Sometimes you can get quite far into the game and discover that this time round you might as well give up, because you've missed (for example) the elf unlocking the jail door, and it won't happen again in that particular session. What I do, however, is save the game once I actually get past specific sticky points like these; then, if Bilbo gets killed, or makes a fatal error in judgement later (getting himself stuck for ever), I can go back and try again from the position saved — being careful, of course, not to repeat whatever move got me into trouble.

The random factors in the game are a bit of a nuisance in that they are *awkwardly* random: they either turn up too often, or almost never. And there are a few things that are almost like bugs — for example, that mysterious boat I almost never found again after the first time (you bet I saved that position when I finally did rediscover it!) — but this game is like Tolkien's book: ambitious, funny, charming, magical. . . and you'll go back to it like an old friend, again and again.

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march/86 (c)aa – order disk (c)aa

list-me (c)aa.l	the list me file for this disk
dt2-boot	darkterm v2 great terminal programs, full of options
dark term.doc	documentation for darkterm
org.chemistry.c	organic chemistry char set
q & a 64.c	trivia questions by the 64
mindbusters.c	a puzzle game
starscanner.c	a space shooting game
taxboot	1985 ont income tax program
tax850nt v0.1	butterfield tax program

60 Blocks Free

tpug apr86 (c)ab – order disk (c)ab

list me.l	list me file for this disk
luscher test.c	find out about yourself, take the luscher colour test
high-risk	high risk. . .try to take over the world
hr-instr	instructions for high risk
library index.c	keep track of your disks
amiga demo.c	see the amiga bounce a ball around your 64's monitor

52 Blocks Free

tpug may86(c)aaa – order disk (c)aaa

autoload	new tpug disk autoloader
infbot/2.1	a database program for the 64
zoneboot	a great game!
zoneinstruc	instructions for zoneboot
directory.c	alter or edit your directories
printdir.c	prints directories
monopoly4.c	monopoly for 4 players
storm warnings.c	fight your enemy with weather

51 Blocks Free

tpug june 1986 – order disk (c)aab

freeware boot

load me to get the great programs on this disk. this disk contains eight programs. there are three arcade games, two strategy games, two adventure games, and one home utility program. all of the programs on this disk are freeware supplied to many user groups all over the world by a group known as: user supported programs music the programs are good, they work, and you will enjoy them.

0 Blocks Free

tpug september86(c)aac – order disk (c)aac

autoload	new tpug disk autoloader
football	a text football for two players
bridge buddy	a entertaining bridge program
c/ad.one	program messages on your computer for store windows
landgame1	real estate development game
mazin mouse	a little game to teach children directions

43 Blocks Free

tpug terms 4.c – order disk (c)c4

menu.c	menu – load this first!
terminal.c1 v2.c	simple terminal – new punter great to build on (300/1200)
firstdial3 boot	1650/pocket modem firstterm dialer program boot – super
miteydialer3 bt	mitey mo firstterm dialer
firstterm3 bt	loaded by dialer boot
firstdial3 doc	documentation for firstdial3
higgyboot 64 + 4.c	loads higgyterm 64 if you have a 64. loads higgyterm +4 if you have a plus/4
secondterm	a fantastic program that every modem user should have
second.doc.cbm	doc can be printed from within secondterm using print option
mm xmodem.c	mitey mo xmodem program
mega vterm 4.6.c	good program with both new and old punter protocol
newpunt/buffer.c	another great little program to build on
terminal.c1.c	yet another building program

28 Blocks Free

tpug terms 5.c – order disk (c)c5

menu.c	menu – load this first!
supercomm iia.c	supports new & old-1650, 1660
heuristerm.c	good and unique – freeware
tri-term.c	supports new, old, & xmodem
macterm v2.c	terminal and mini-bbs program

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pocket.c	pocket modem terminal program
ravicsterm 9.5.c	supports many modems and looks to be a very fine terminal
eagleterm 7.0.c	mini-bbs, terminal, supports many modems, looks good

18 Blocks Free

tpug terms 6.c – order disk (c)c6

menu.c	menu – load this first!
diskterm 1650.c	solid 1650 terminal program
term 1660.c	solid 1660 terminal program
microterm 1660.c	lots of features for your 1660
sc term][+.c	supports lots of modems, new punter, works very well
halterm.c	terminal for hal bbs program
xmodembuff6.81.c	wonderful program for use with national systems like delphi and compuserve
xmodem doc	doc file for xmodembuff6.81.c
saterm.c	supports rainbow protocol, can transfer relative files
rainbow doc.c	doc file for saterm.c

27 Blocks Free

This disk contains 4 different public domain BBS programs. If you have ever wanted to run a BBS of your very own, then get this disk and experience life as a system operator.

tpug bbs's 1.c
order disk (c)c7

menu.c
64 exchange.c
64 exchange doc
ribit bbs v2.1b
ribit doc
ubbs
ultimate 2
ubbs doc
pub num
pub 1
eagleterm 7.0.c

70 Blocks Free

tpug terms 9.c – order disk (c)c9

list-me (c)c9	list-me file for this disk
cp/m term2	commodore 128 cp/m terminal
jhf miniterm	commodore 128 terminal
jhf miniterm doc	doc file for jhf miniterm
cp/m term2 doc	doc file for cp/m term2
2ndterm boot	boot program for one of the best public domain terminal programs to ever come along
6485 v3.3	bbs program for commodore 64 or commodore 128 in 64 mode
6485 bbs doc	doc file for 6485 v3.3
term24k ud	24k buffer + punter or xmodem
punter	can be loaded by term24k ud
xmodem	can be loaded by term24k ud
term24k notes	doc for term24k ud

104 Blocks Free

tpug educ 1.c – order disk (c)e5

menu.c	menu – load this first!
easy math.c	addition and subtraction test
boot math.c	test your math skills
combinat wars.c	solve the problems or blow up
square root.c	find square roots
taxman.c	try to beat the taxman-game
munchmath.c	answer correctly or perish
hang math.c	like hangman but with math
tictacarith.c	tic-tac-toe math game
funct machine.c	find the function
basic math.c	practice the basics of math
math whiz.c	practice your math skills
math.c	questions based on grade level

This disk contains 2 public domain BBS programs. If you have ever wanted to run a BBS of your very own, then get this disk and experience life as a system operator.

tpug bbs's 2.c
order disk (c)c8

menu.c
spence boot
spence system
term.c1
inter
mitey merge
inter.m
user adder
message editor
sysop's mail
user editor
seq creator
bbs startup
prg list editor
bbs info
commands
documentation
template
hal
halset
hal.ml

80 Blocks Free

---

r2division.c	learn to divide
math maze.c	get through the maze
million.c	find the number, win a million
adding quiz.c	test your adding ability
math magic.c	great math test program with lots of sound and graphics
the bus barns.c	solve the bus problems
math fun.c	simple math problems
math tutor.c	get tutoring for your math

59 Blocks Free

This disk contains 7 excellent tutorials to help you learn about BASIC and a bit about machine language. There were written by Professor Peter Ponzo of the University of Waterloo and they are as good as any book, eh!

tpug educ 2.c
order disk (c)e6

menu.c
ponzo tutor-1.c
ponzo tutor-2.c
ponzo tutor-3.c
ponzo tutor-4.c
ponzo tutor-5.c
ponzo tutor-6.c
ponzo tutor-7.c

Blocks Free = 188

This disk contains 6 tutorial programs written by Professor Peter Ponzo of the University of Waterloo. They will teach you all about your Commodore 64 in a VERY friendly way. This disk is a must for relatively new users, but will be helpful to everybody!

tpug educ 3.c
order disk (c)e7

menu.c
micros'nchips1.c
micros'nchips2.c
micros'nchips3.c
micros'nchips4.c
micros'nchips5.c
micros'nchips6.c

184 Blocks Free

tpug educ 4.c – order disk (c)e8

menu.c	menu – load this first!
a story.c	make a story
cdn prov cap.c	capital test on your 64
cities.c	city test on your 64
counties.c	county test on your 64
countries quiz.c	country test on your 64
early setl.c	early settlement test
flashcards.c	set up flashcard tests
french verbs.z	learn french verbs
hex puzzle.c	solve the hexadecimal puzzle
keyboard intro.c	learn the 64's keyboard
lemonade stand.c	run a lemonade stand
lemonade.c	run a lemonade stand
masterword.c	like mastermind with words
mult choice.c	make multiple choice tests
multi quiz.c	make multiple choice quizes
name the notes.c	name the musical notes
nomenclature.c	6 levels of practice
organic boot.c	name organic molecules
rutherford.c	alpha particles experiment
speed read.c	test your ability to read fast
spell.c	a 64 spelling program
spell1.1/15	a spelling program for the 64
spelling game.c	a good spelling game
tips.c	tips about the commodore 64
type tutor.c	a typing tutor program
typing pract.c	practice your typing
ukulele.c	practice your chords
word test.c	test your knowledge of words

16 Blocks Free

This disk contains a mixture of Commodore 64 programs that have been translated into FRENCH. If you speak French or know somebody that does, this disk will be of interest to you, or them.

francais 64 – order disk (c)f1

liste-moi	gourmandise/inc
morse	tombe
info budget	questionnaire
budget	l'accordeur
pendu	ile au tresor
poker-patie	barils
orthographe	patrouille espac
donnees.ort	charte des coule
mon cher alain	tondeuse
auto-chargeur	alunissage
melodies	mine d'or
melodies.2	magnat petrole
musique lm	jeu de yum
play.d	cagnotte
enter.d	blackjack
inven8.d	le pendu
changer titre.d	notone
gourmandise/25	
gourmandise/100	192 Blocks Free

This disk contains games that we like to call mind games. They test your mind, not your ability to blast aliens. Some of the games don't have great graphics or sound, but they will keep you going for hours just the same, until you are able to solve the puzzle, or figure out the secret.

tpug games 1.c
order disk (c)gb

menu.c
mind doc 80.d
montana.c
labyrinth.c
blackjack 1.c
twin bagels.c
space nim.c
hangman.c
blackjack 2.c
reverse.c
pz boot.c
towers.d
thirteen pegs.d
e puzzle.d
switch.d
pegsol.d
blackjack 3.c
3 of a kind.c
shuffle.c
et puzzle.c
connect 4.c

26 Blocks Free

This disk contains programs that use one or two joysticks. If you are into blasting, shooting, chasing, and basically having a good time on your Commodore 64 then this disk will be perfect for you.

tpug games 2.c
order disk (c)gc

menu.c
joy doc 80.d
atom handball.c
wet paint.c
ratrun.c
centripod.c
petman.c
mash.c
swerve.c
shootout rules.c
shootout.c
driver.c
valley loader.c
baseball inst.c
baseball.c
list-me invade.l
invaders.c
slither duel.c
slither 4.c
slither 5.c
slither war.c
slither duel 3.c
mommy slither.c
riki tiki.c

1 Block Free

This disk contains space games. Most of them are different versions of games based on the series star trek. There is also some excellent star trek music that you can listen to by loading the music menu program. Live long and prosper!

tpug trek games
order disk (c)gd

menu.c
star trek inst.c
star trek boot.c
startrek.c
supertrek.c
startrek inst.c
star trek 84.c
galactic empir.c
ge.enterprise.c

music menu v2.c
star trek
star trek][
star trek ///
mmmcat

8 Blocks Free

This disk contains 23 great games for your Commodore 64. They are all different, they are all fun, and they are sure to bring you many hours of enjoyment.

tpug games 4.c
order disk (c)ge

menu.c
nightmare park.c
wheel fortune.c
afo.c
toker.c
soutrains.c
crazy bomber.c
grandprix.c
querk.c
octopus.c
scramble.c
barricade.c
stock.c
arsonist.c
sub hunt.c
donkey dong.c
dodge cars.c
plane lander.c
lander.c
forest walk.c
football inst.c
football 84.c
funny car.c
stock 2.c

5 Blocks Free

This disk contains 10 great games for your Commodore 64. They are all different, they are all fun, and they are sure to bring you many hours of enjoyment. Monopoly and mastermind are sure to become regular family events.

tpug games 5.c
order disk (c)gf

menu.c
monopoly.c
othello.c
mastermind.c
super mind.c
threedox.c
eye of kadath.c
fame.c
definition.c
caves.c
westward ho!.c

119 Blocks Free

If you are an adventure game enthusiast then this is the disk for you. It is 100% full, it has 8 adventures games sure to provide you with literally hundreds of hours of excitment. But when you finally triumph, it will all seem worth it. Please note that in the interest of space, the data files on this disk are not listed here, but they are on the disk!

tpug adv's 1.c
order disk – (c)gg

menu.c
african adv.c
starwars adv.c
original adv.c
nellan's adv.c
atlantis adv.c
castlemaze adv.c
tunnelmaze adv.c
valleymaze adv.c

0 Blocks Free

tpug hires 4.c – order disk (c)h5

menu.c	menu program – load first
i boot.c	loads and displays iadoremy64.d
iadoremy64.d	hires pic used in commodore ads
flag boot.c	loads and dispalys world flags.d
world flags.d	picture from world of commodore
boot 25th.c	loads and displays 25th.d
momo picture.d	girl with moving mouth to music
motion.c	eye catching hires illusion
art show.c	see jim butterfield on your 64
jimmy.d	picture loaded by art show.c
signature.d	picture loaded by art show.c
earth demo.c	hires earth with moon in orbit
pic loader.c	displays 7 great hires pictures as listed below
colours.d	
title.d	
mars.d	
biplane.d	
ship.d	
landscape.d	
auto.d	
girl.d	

39 Blocks Free

tpug hires 5.c – order disk (c)h6

menu.c	menu program – load this first
art show.c	displays 8 koala hires pictures listed below
Apic a graphics	
Apic b girl	
Apic d etlanoce	
Apic h starsaok	
Apic f odeon	
Apic g moon	
Apic l cftr 4	
Apic j thatsit	
slideshow.c	displays 6 misc hires pictures listed below
hrtest.c	
dragon.d	
tank.d	
polish.d	
blither.d	
uncle.d	
glockenflute.d	

55 Blocks Free

tpug hires 6.c – order disk (c)h7

menu.c	menu program – load this first
slideshow 2.c	displays two hires pictures listed below
ronnie.d	
slady.d	
hires.boot.c	draws a hires pattern
col pict boot.c	displays a hires colour picture
diane.d	pic loaded by col pict boot.c
holyhalter 1.c	an amazing use of block graphics
holyhalter 2.c	an amazing use of block graphics
holyhalter 3.c	an amazing use of block graphics
holyhalter 4.c	an amazing use of block graphics
holyhalter 5.c	an amazing use of block graphics

143 Blocks Free

Disk (C)H8 contains 21 hi-res spirographic type designs. It will show you in graphic form how dots and other simple shapes can be used to create truly remarkable effects. All you have to do is see the pictures is load and run picture shower.c.

Disk (C)H9 contains 19 hi-res pictures and spirographic type designs. It will show you in graphic form how dots can be used to create some really outstanding graphics. All you have to do to see the pictures is load and run picture shower.c.

tpug pics 1.c –
order disk (c)h8

picture shower.c
list-me (c)h8.l

32 Blocks Free

tpug pics 2.c
order disk (c)h9

picture shower.c
list-me (c)h9.l
funktion.pic
diagramm.pic
torus.pic

32 Blocks Free

Disk (C)HA contains 20 hi-res pictures. They are all good, they are pretty well all of various cartoon characters, and I am sure you and your children will love them. All you have to do to see the pictures is load and run picture shower.c.

tpug pics 3.c – order disk (c)ha

picture shower.c
list-me (c)ha.l

32 Blocks Free

Disk (C)HB contains 18 hi-res geometric designs. All you have to do to see the pictures is load and run picture shower.c.

tpug pics 4.c
order disk (c)hb

picture shower.c
list-me (c)hb.l

62 Blocks Free

Disk (C)HC contains 16 hi-res geometric designs. All you have to do to see the pictures is load and run picture loader.c.

tpug pics 5.c
order disk (c)hc

picture loader.c
list-me (c)hc.l

132 Blocks Free

Disk (C)HE contains 15 hi-res colour koala pictures. If you have kids, they will really love this disk. There are also some handy koala utilities on the disk as well. To see the GREAT pictures, load and run art show.

art fox1 (c)he
order disk (c)he

art show
Apic a fv 64 ug
Apic b burger
Apic c eye full
Apic d ferrari
Apic e castle
Apic f tiger
Apic h window
Apic i sundae
Apic j qwakqwak
Apic k rooster
Apic l meowmeow
Apic m car&dog
Apic n loon
Apic o hi there
Apic p egypt
k-v instructions
koala-verter
k-v printer
list-me (c) he.l

0 Blocks Free

Disk (C)HF contains 16 hi-res colour koala pictures. These pictures are of the highest quality and the kids will love them! To see the GREAT pictures, load and run, run me.

graphics (c)hf
order disk (c)hf

run-me
Apic hello there
Apic bear george
Apic big bird
Apic bloom co.
Apic garfield
Apic marvin
Apic wuzzles
Apic superted
Apic grumpy bear
Apic tenderheart
Apic peter panda
Apic toys r us
Apic jeremy
Apic fancy pants
Apic greetings
Apic baby bear

3 Blocks Free

If you have logo for your Commodore 64 and have been just letting it sit because you could find no programs to go with it, here is what you need. 52 programs written just for you and your logo. Enjoy!

tpug 64 logo 1
order disk (c)la

list-me.basic
menu.logo
geometry.logo
q.logo
adventure.logo
dynatrack.logo
trees.logo
c64.colors.logo
sound.logo
sound.d.logo
wp.logo
squiral.logo
targets.logo
targets.pic1
targets.pic2
angles.logo
house.logo
quiz.logo
flash.logo
pages.logo
star.logo
tt.logo
stamp.logo
wait.logo
colors.logo
q.d.logo
adv.d.logo
wp.d.logo
vehicles.shapes
race.logo
sprites.d.logo
spray.y.logo
grid.5.5.logo
page3.logo
battle.y.logo
defender.y.logo
trains.y.logo
doctor.y.logo
yard.y.logo
fancy.y.logo
pattern.y.logo
lander.y.logo
coord.y.logo
bar.graph.logo
bar.graph.d.logo
page4.logo
page2.logo
bear.y.logo
master.y.logo
chatter.y.logo
people.y.logo
bar.graph.i.logo
street.logo

296 Blocks Free

This disk contains all the files that go along with northcastle structured basic. It is just like waterloo basic, but all the bugs that existed in the original commodore version have been fixed. If you have a Commodore 64, a Vic 20, or a PET, and you are interested in structured basic programming, this disk is what you need.

tpug w-basic 1.z
order disk (c)lb

northcastle
structured basic
+ version 1.7 +
+ june 1984 +
stb c64 7000 .c
stb c64 8000 .c
stb c64 9000 .c
stb c64 c000 .c
stb pet 3800 .p
stb pet 7000 .p
stb pet 6000 .p
stb pet 9000 .p
stb vic 0400 .v

stb vic 1700 .v
stb vic 3700 .v
stb vic 4700 .v
stb vic 5700 .v
stb instruct.z
fast copy-all.p
simple.z
quit for-next.z
line restore.z
binary search.z
quicksort.z
.assembler file.
stb c64 7000 pal
stb c64 8000 pal
stb c64 9000 pal
stb c64 c000 pal
stb pet 3800 pal
stb pet 6000 pal
stb pet 7000 pal
stb pet 9000 pal
stb vic 0400 pal
stb vic 1700 pal
stb vic 3700 pal
stb vic 4700 pal
stb vic 5700 pal
stb initialize
stb command
stb setup
stb looping
stb selection
stb procedure
list-me (c)lb.l

269 Blocks Free

This disk contains some songs, some sound effects, and some other neat music/sound stuff. All of the programs are written in BA-SIC so you can explore them and see how they work. To load any of the programs, load and run the menu.c program at the beginning of the disk.

**basic music 1.c
order disk (c)se**

menu.c
pong.c
bell.c
bomb.c
clap.c
dixie.c
siren.c
alien.c
frosty.c
yankee.c
raygun.c
rainbow.c
prelude.c
twinkle.c
gunfire.c
birthday.c
yesterday.c
red river.d
adsr demo.c
the kanon.c
bach fugue.c
harmonizer.c
the walrus.c
entertainer.c
brandenburg.c
lincolnshire.c
battle hymn 1.c
battle hymn 2.c
bach inventn#8.c
happy new year.c

6 Blocks Free

This disk contains 25 great songs. Just load and run the album program, pick what you want to hear, and then sit back and enjoy!

**music fox2 c.sg
order disk (c)sg**

album
night shift
hello
daniel
gloria
hart to hart
raiders of ark
godfather
pineapple rag

bill bailey
maple leaf rag
fur elise
hard for money
entertainer
brandenburg
gatlinburg boogy
soldiers march
sonatina in f
folk song
sync clock
minuet in g
beat it
billy jean
magic
maniac
officer & gent.
menu
list-me (c) sg.l

12 Blocks Free

This disk contains 50 of the best songs you will ever hear your Commodore 64 play. All you have to do is load and run kplay and pick what you want to hear from the selection. Then sit back and enjoy! There are also some other programs that will tell you more about how you can make music like this on your own.

**music-tpug nov85
order disk (c)sh**

list-me (c)sh.l
kplay
sidnews#1
sidcat50
albumleaf.mus
etal.mus
osprey.mus
axelf-l.mus
feast.mus
pastoral.mus
axelf-r.mus
fsonatina.mus
peanuts.mus
bistro.mus
gigue.mus
pipers.mus
brand1-3.mus
gsonatina.mus
presto.mus
byebye.mus
happysong.mus
scarlatti.mus
calliope.mus
harmonica.mus
scipio.mus
canon.mus
hindemith.mus
sheworks.mus
cantina.mus
holst.mus
splash.mus
commodore.mus
homecoming.mus
t&v.mus
courante.mus
glad.mus
tpi#14.mus
crab.mus
gothos.mus
vconcerto.mus
dref.mus
k.c.o..mus
venite.mus
duckie.mus
liberty.mus
victors.mus
duwahrer.mus
little.mus
wsoldier.mus
eggs.mus
longest.mus
yoy.mus
enola.mus
mule.mus
zorro.mus
songcopy
printer
promo

125 Blocks Free

tpug april 85.c – order disk (c)ti

menu.c	menu – load this first!
april doc 80.d	disk documentation
da v3.0.wow	great disk utility program
dir inst.c	instructions for da v3.0.wow
dilemma.c	great adventure game
disk compare.c	compare two disks
disk search.c	search a disk for a pattern
file compare.c	compare two files
map.c	find start address of prgs
prompt delete.c	delete one or many files
tpug.boot.c	great tpug demo – has it all
ghoul dogs.c	great joystick game

58 Blocks Free

tpug may 85.c – order disk (c)tj

menu.c	menu – load this first!
northrup downs.c	horse racing program – game
list-me animal.l	information about animal.c
animal.c	a program that remembers
animal init.c	start a new animal file
tennis stat v1.c	keep track of your tennis club
tennis inst.c	inst for tennis stat v1.c
list-me quiz.l	inst for quiz.c
quiz.c	commodore computer care quiz
print quiz.c	prints out quiz.c
pool loader.c	a fantastic pool game. you will not believe it
type it.c	type what your 64 says fast
typy toes.c	test your keyboard skills
crossword.c	make your own crosswords
x-word file.d	can be used by crossword.c
calendar.c	print any calendar
golf doc.c	doc for course update and handicap
course update	keep track of golf data
golf handicap	enter and calculate handicaps
world conquest.c	great game from toledo
funk rock.c	some real funky basic music

17 Blocks Free

tpug june 85.c – order disk (c)tk

menu.c	menu – load this first!
pres.rs232.c	presentation on rs232
pres.gizmo.c	gizmo presentation
pole boot.c	monopoly by modem
instructions	inst for phonepole
memdump828 ins.c	inst for memdump828.c
memdump828.c	prints blocks of memory
memdumpdemo.c	
	shows what memdump828.c does
memcompare ins.c	inst for memcompare.c
memcompare.c	compare two sections of memory
spscr-bas ins.c	inst for spscr-bas.c
spscr-bas.c	makes speedscript files into runable basic programs
mlappend ins.c	inst for mlappend.c
mlappend.c	merge machine language & basic
dump3-boot.c	load, view & print hires pics
c-64 picture.d	sample hires picture
disk house.c	disk housekeeping routines
basic keywords.c	basic keywords described
mortgage.c	calculate your mortgage

19 Blocks Free

tpug sept 85 ctl – order disk (c)tl

list-me (c)tl.l	the list-me file for this disk
crossword 7/ml.6	generate your own crosswords
crossword 7.z	basic version of crossword
crossword 7 in.z	inst for crossword 7/ml.6
crossword ins1.w	wordpro inst for crossword
crossword ins2.w	wordpro inst for crossword. included below are
pf-mx80 i.d	the printer files used with
pf-mx80 iii.d	the crossword program.
pf-1526.d	
pf-2022.d	
pf-gemini.d	
pf-8023.d	
pf-prowriter.d	
pf-rx80.d	
pf-mps 801.d	
pf-mt160/180.d	
pf-teo px80.d	
pf-4023.d	
pf-spirit 80.d	
pf-6400 asc.d	
cross.pf.maker.z	make your own printer file
cross.pf.ins 1.w	wordpro inst for printer file
turtle pilot	educational computer language with 7 examples.
supermon + inst	instructions for supermon +
supermon + 64	the newest version of supermon
list all	tells what computer a program will run on

41 Blocks Free

tpug oct 85 ctm – order disk (c)tm

list-me (c)tm.l	list me for this disk
scenario.c	makes amusing stories
geography.c	use cities to beat opponent
lister.c	list programs with formatting
dominoes.c	dominoes for your c64
bartender.c	your 64 will help mix drinks
wug.c	eat dots, don't get wugged
disk search v2.c	find words on your disk
factor race.c	factor expressions game
t.v. satellite.c	find satellites
adventure.c	a great adventure game
mystery spell.c	hangman with a new twist
ustf lister.c	lister prog with functions
cupid.c	prize winning tpug program
game of life.c	a new version of life
address book.c	update of old version
adbk delete.c	use this with address book.c
print instruct.c	prints inst for address book.c

104 Blocks Free

tpug nov/85 – order disk (c)tn

list-me (c)tn.l	list me for this disk
iron horse.c	wild west game for two
sid's jukebox.c	neat music playing program
super64run.c	supermon with extra commands
super64ins.c	inst for super64run.c
cribbage.c	play against your 64
bit window.rel.c	text and hires screen split
disk utilities.c	lots of disk utilities
tutor-music.c	guide to d/a music on the 64
c64t-4vm.c	create d/a music (tape)
c64d-4vm.c	create d/a music (disk)
arioso in g.d	song for c64d-4vm.c
ram-bow.c	parody of rainbow.c
bal. checkbook.c	updated version of checkbook
basic fun.c	alters error messages
address book 2.c	update of earlier version
adbk delete.c	use with address book 2.c
rats.c	escape the maze
vmtest plots.c	demonstration of graphics
bit superose.c	create experimental graphics
vmsup2.rel.c	bit-mapped graphics utility

3 Blocks Free

tpug dec/85 – order disk (c)tp

list-me (c)tp.l	list me file for this disk
creeps.c	game like space invaders
flags.c	test your knowledge of flags
america.c	jazz singer music
flexislideshow.c	displays graphics from disk
fdpirate(poly)	loaded by flexislideshow.c
fdsgt.major	loaded by flexislideshow.c
fdpen and candle	loaded by flexislideshow.c
fdmiddle earth	loaded by flexislideshow.c
hires.dmp$cc00.3	loaded by flexislideshow.c
double pinball.c	a variation of breakout
xmas.c	happy holidays from tpug
superkey.c	adds keywords to keys
disassembler.c	dissassemble memory of disk
trek theme.c	music from star trek

54 Blocks Free

tpug jan/86 – order disk (c)tq

list-me (c)tq	list me file for this disk
tank combat.c	two player tank combat
pinball	up to 4 player pinball
quiz.inst.c	instructions for quiz
quiz.c	a computer quiz
prquiz.c	print the computer quiz
super.aid.c	a super utility collection
culture club.c	song - karma chameleon
xmobuf 7.4	great terminal for delphi
xmobuf.doc	doc for xmobuf 7.4

37 Blocks Free

tpug disk (c) tr – order disk (c)tr

list-me (c)tr	list me file for this disk
tax85ont v0.1	tax program for 1985
cards	mille bornes card game
compiler4.4.c	a basic compiler program
compiler inst.c	inst for compiler4.4.c
lazy letters.c	alters your character set
comma sense.c	learn all about commas
patterns.c	learn about the stars
1541 saver.c	stops head banging on the 1541
waveforms.c	draws waveforms with harmonics
calender.c	prints calenders any year
taxboot.c	1985 ont income tax prg
proverbial.c	amusing sayings, last words
mortgage sarnia	mortgage prog with lawyer fees

68 Blocks Free

tpug utils 4.c – order disk (c)u4

menu.c	menu – load this first!
1525 char.edit.c	edit characters on your 1525
basic aid inst.c	instructions for basic aid.d
basic aid.c	adds many commands to basic
grafix instr.c	instructions for grafix rtns.c
grafix rtns.c	useful graphic routines
box.c	sample of grafix routines
design.c	sample of grafix routines
character gen.c	make your own characters
chargen peek.c	see the character patterns
char display.c	see the character patterns
conversions.c	do various conversions
cross-ref.c	do a cross reference of a program file
tape cat inst.c	inst for tape cataloger.c
tape cataloger.c	catalog your computer tapes
unscratch man.c	unscratch programs manually
test sort.c	sorting demo
dir list sort.c	sort directories and stuff
list-me map.l	instructions for disk map.c
disk map.c	shows you where everything is on your disk. . .then reports errors. . .fantastic program
disk menu 64.c	64 menu program
disk timer.z	check your drives speed
dos 5.1.c	adds wedge commands to your 64
dos.inst.l	instructions for dos 5.1.c
elite enlarged	alters printer set up
elite double	alters printer set up
elite ital	alters printer set up
elite ital dbl	alters printer set up
elite	alters printer set up
pica cond	alters printer set up
pica ital dbl	alters printer set up
pica enlg emph	alters printer set up
pica enlg	alters printer set up
pica cond enlg	alters printer set up
pica ital	alters printer set up
pica dbl	alters printer set up
pica emph	alters printer set up
pica emph dbl	alters printer set up
pica	alters printer set up
pica ital dbl em	alters printer set up
pica dbl under	alters printer set up
joy 1s4.c	this is the first of 12 utility routines
function keys.c	assign values to your f keys
hex dec bin.c	do base number conversions
identifier.c	what version of the commodore 64 do you have
legibility.c	check colour combinations
list ascii $c0.c	list programs to printer
list ascii $9d.c	list programs to printer
list freezer.c	freeze your listing
list-me vic 2.l	info about the vic chip
load address.c	find load address
lock unlock.c	make programs unscratchable
memory decoder.c	look at the 64 memory
multi-aid.c	adds lots of commands to basic
low res dump.c	add this to your programs
paddl test.c	test your paddles
prnt paddles.c	print paddle values
string thing.c	disk input routine
screen test.c	test screen colours
recover 1541.c	recover lost files
rel-seq conv.z	convert rel to seq files
squeezer.z	squeeze basic programs
unscratch auto.c	unscratch lost files
xref gen.c	cross reference generator
copy file.c	copy a file
fast backup.c	backup disk in 4 minutes
fast file copier	copy files

5 Blocks Free

tpug christmas.c – order disk (c)z1

list-me (c)z1.l	list-me file for this disk
noel.c	printer pic of the virgin mary
winter scene.c	nice xmas graphic demo/display
xmas.c	a greeting from TPUG to you
christmas.c	christmas demo from commodore
jukebox.c	jukebox program will serenade you
hark the herald	christmas tunes listed below
jingle bell rock	and yours with some great classic
silver bells	
twelve days	
sleigh ride	
let it snow	
all ye faithful	
hallelujah	
frosty	
deck the halls	christmas tree
luiah chorus	oh holy night
little town of	silent night

27 Blocks Free

tpug misc 1.c – order disk (c)z2

menu.c	menu – load this first!
list-me life.l	list me file for life.c
life.c	see the cells grow and die
luscher.c	pick the colours and find out a lot of very interesting information about yourself
bike quiz inst.c	inst for both bike quizzes
bike quiz mon.c	find out how much you know about motorcycle riding
bike quiz prnt.c	same as before – needs printer
serial printer.c	for use with bike quiz
big set.c	big character set for the 64
elec srvc calc.c	electrical service calculator

19 Blocks Free

tpug misc 2.c – order disk (c)z3

menu.c	menu – load this first!
ideal mass.z	what is your ideal mass
stars bas pr.z	helps you find stars on the 64
hydro demo.c	demo from ontario hydro
birthday 2.c	great birthday cake and song
coil design.z	design coils on your 64
enclosure.c	info about speaker enclosures
conifer guide.c	a tree guide on the 64
shears scoring.c	sheep shearing score keeper
bible clues.c	test your bible knowledge
quiet aft.c	a quiet afternoon demo
line spike.c	see what line spikes can do

32 Blocks Free

tpug misc 3.c – order disk (c)z4

menu.c	menu – load this first!
bio-compat.c	are you two compatible
bio-ploter.c	plots your cycles
bio-printer.c	prints your cylces
circles.c	some wild circle patterns
heli.c	a helicopter will fly around
kscope.c	neat patterns on your screen
visible.c	see your 64's insides work
coin flip 1.c	flip a coin program
coin flip 2.c	flip a coin program
coin flip 3.c	flip a coin program
clock.c	a clock for your 64
alarmclock.c	an alarm clock for your 64
moving sign.c	enter text then watch it go
commodore logo.c	commodore logo's zip around
employer tax.c	calculates employer tax
jstick doodle.c	doodle with your joystick
the great fred.c	beware of the great fred
visible 64.c	see inside your 64
dm master.c	creates your character for you
snoopy.c	beware red baron
pent inst.c	instructions for pentominos.c
pentominos.c	neat prog by butterfield
spiral.c	neat patterns and colours
64 mem chart.c	memory chart of the 64
life 2.c	see the cells grow and die
etch a sketch.c	sketch on your screen
big time.c	a big clock for your 64
hi-res pattern.c	see the hi-res pattern
smooth scroll.c	demo of smooth scrolling
smooth scroll2.c	demo of smooth scrolling
type setter.c	change printer types
1525 commands.c	do things with your 1525
characters demo.c	neat characters demonstration
chopper.c	a chopper you can fly
sine in.c	interesting sine wave effect
joystick draw.c	draw with your joystick
keyboard beep.c	makes your keys go beep
double spacer.c	makes everything double spaced
computers.c	what computers can't do
dvorak.c	alters your keyboard to dvorak
storyteller.c	wanna hear a crazy story
snoopy demo.c	snoopy is at it again
winter scene.c	great winter snow scene
daysofourlife.c	what happened on a certain day

245 Blocks Free

This is the first TPUG Freeware disk. It contains a GREAT program called music assembler. With it you can make your own music and explore the capabilities of the SID chip.

tpug freeware 1 – order disk (c)$1

run-me
mac
mac2
edit
music loader
play
save music

dyn.sys
koko.p
p&f 3/1.p
italiana.p
solfeggietto.p
ragtime dance.p
hungarian.p
kv576.p
cascades.p
sinfonia 5.p
henery.p
euphony.p
albumlatter 2
blues
bulgarian 3
carols
cascades
euphony
henery
hungarian
isles
italiana
king willy
koko
kv576
merrily
orient
orpheus
p&f 3/1
ragtime annie
ragtime dance
sinfonia 1
sinfonia 2
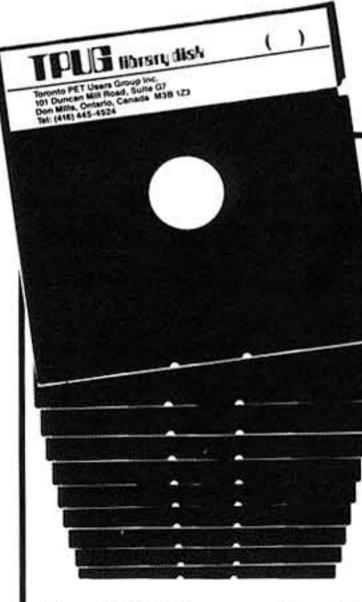sinfonia 5
solace
solfeggietto

10 Blocks Free

This disk contains 19 pictures that you can print out on your printer. They are just the thing to decorate your computer room with. And you thought printers were for word processing!. Files with a * are for adults only.

tpug misc 4.c
order disk (c)z5

menu.c
siamese.c
thumper.c
asterix.c
noel.c
snoopy pilot.c
lucky luke.c
smurf.c
deer.c
horse.c
bambie.c
life is.c
warm puppy.c
baby.c
voice.c
*sara.c
*pin-up.c
*elize.c
*nellie.c
*nudy.c

54 Blocks Free