lost the "*" key
(1\} semı contents, pic of jiffy dos news \{2\} office**, contacts, next meeting (3) last metting notes (9) Lo*d *onin *ambles new fo*mat on news, updates, $b^{*}$ IEfS, announcements, notices, *equest, $\mathrm{p}^{*}$ ofects. Idea Faled! Welcome to new Membe* D*agonFlu \{19\} Shadowland \{20\} label with expl*aon date


4oril Print issu "r2ø09ce Pagel

Those that didn't run fast enough

Chancelifor: (Senses) David O.E. Mohr<br>Treseswer: Scott Farley (H16)<br>Commadore Eifraring Imperal Warlord (t2)<br>Radorliscops Lord Ronn from QLunk (tI)

Sulc reess Amiga Scott Farley (\#16), Emulators Scott Farley (\#16), GEOS Lord Ronn, Basic Programming Lord Ronn.
Desuxates Commodore Librarian $\ddagger 30$, Editor/Sys0p Vixen (\#3) Imperral Warlord \{\#2)
WareCat (\$23) Cracking PAL $>$ NTSC Mad Max (\$21) Linur \& General Destined (\#8)
WebMeister Balzabaar

## A.C.U.G. History \& Policy

Legend has it that we started out in 1978 ce as a PET group. Documents exist that show us active in 1983 as a functionng users group. A.C.U.G. stood for "Astoria Commodore Users Group". Ths is untill the early 90s with the scare from Escom. Then It was changed to be "Amiga \& Commodore Users Group". This was changed dfter an attack on the group by Mark Reed. Who destroyed the Amiga part. Name became "Anythng Commodore Users Group" at the July 2006ce bussness meeting. Group now stands to work with all Commodore PC platforms, ıncluding emulators.

Membershp is open to all of like mind. A desire to learn and explore this collective PC plafform. Cost is \#18 per year for North America. Though the attack upon us has cut back many resources that are being slowly rebuilt. Members will receive a membershp card, Certificate of membershp and a starters disk. All created on a Commodore or hardware that works with a Commodore. Members also receve the monthly publication "The Village Green". A newsletter of group happenings, interests and very blased opmions pro Commodore. Page count is now returning to 20 pages in booklet form. Most often done with Post Print 3.8. An Electronic version is ass at times avalable. Members are able to have the longest time and no U/D credit cost on the BBS \{currently bemg rebuilt Local members have access to the software and hardcopy library and all members have a discount on Commodore and Amiga Items bought through the sponsor shop, Mohr Readities Games. Members also can gann the monthly 1541 disk "The Penny Farthng". Copies are 75 cents each month. Regardless of the amount of disks sssued. Long distance members are able to gann the disks in. D64 through the linet of from the BBS (both options are being recreated at this moment) We consider ourselves to be the most fanatical Commodore group in the mulitiverse.

> Contact and Next Meeting
> Snal Mal: ACUG $\$ 447623$ 29th St. Astoria Ore 97103
> Vorce/Machnne: 503-325-2616
> BBS (beng recteated 503-325-2905 met: Iordronn@vcsweb.com
> sho-vah side Ph\# 503-325-1896 Inct: alberomn@qwest.net sho_vah69@yahoo.com
> Webste http://wwwacug0447.com

Next Meeting is 7:00pm 18/June/09ce at Mohr Realities Games. Demos, vsitors and Smokers welcome.

New slet ter：on hold，unapproved
Chan a e 110 r：Our constable，little 800 is slated after IR gann that stmulus cheque for disabled，for her kitty fixing time．As after over three years of care．We feel that she is now physically \＆emotionally ready to handle the operation．Meaning that this is the last meeting she will preside at，while in her loving kitty heat．（SEG）

Constitution，the one that is on the HD with maurice，states that at Ieast three months before the July business meeting．The fact that elections are held then and offices open are to be announced．IR did that in the CyberSpace issue last month．This issue they get it repeated， and print readers have it for the first time．Well then offices are．．．．．

Chancellor：sorry new members，they put me in here for life over 10 years ago
Treasurer：〈current officer is $\mathbb{N}$ ood 10 〉
officer is to keep track of the input and output of the group funds．
Commodore Librarian：〈current officer is $\mathbb{N} 0.2\rangle$
officer is to mantain the back issue disk library，issue the monthly disk Editor：〈current officer is LR＞
officer is to create the monthly newsietter，on $\mathbb{C}=$ equipment keep back issues of all newsletters created and receved，handle the libraries of hardcopy and software

There is a bit more for the duties of each office．IR has more on that for the interested parties as he did the 5 rewrites of the constitution for us．Any one interested in the offices， feel free to ask for more information，and place name for office．Voting will be done via emall，and $\mathbb{R C}$ in July．Final vote and tally will be at the July meeting and announced in $\mathbb{R C}$ ， the mall list and the August newsletter．

Over in LRss $\in$ ditor section．He will tell more about the work for DLH＇s bombblast ste． What we are doing for there and at the same time for ourselves．

Something that we have put out a few time before is the idea of lowering the membership cost．Since at this moment we are at an almost parirty of CyberSpace to print issue members． Last two new members split between print and CyberSpace．LiR has more in the editors bit．

[^0]we have just about all of them. Makes mention of an assembler, supermon, and that is on the disk. Goes into some terms, and into hex notation. That is where we started to lose the focus. $\mathbb{R}$ sald that we really need to do hands on and not just read, and yeah need a hex to dec calculator. This one added to the other information, we think may help break that ML barrier that has grown in the group. Bug is the story of the first recorded bug in a computer. Takes two screens. Mantenance by Myron Danels. Starts with using swabs and $99 \%$ alcohol to clean the heads on the drive. In a debate between that style and the use of cleaning disks. Taking 6 screens with also the need to clean the contacts with a cleaner that doesn't leave a residue. At that point L repeated the story of a modern cleaner that destroyed a 64 c of his.

Programmes start with Keno. Has on screen dox. Nice colour use and just enough sound to keep one interested, yet not be distracted. Crab fight is next. That was put on a recent disk for us. No dox in the game. Al has presented the dox on the disk. Insulter does remind me of at least one of my ex wives. Fun novelty programme. Border maker will make a marqueє type border. You can set it for speed, $1-3$ colours and the graphic that will be the border. Al gives us some dox for it, and the 7 block prg does have several REM statements that help. Singing Lass condudes the programmes. Looks like a koala picture of an anime girl. Her mouth moves to the tones of the song that is played. End of the song, she winks, and her harr and clothes change colour. While the song starts agan.

Ammitech-Dayton Gazecte May issue. Eric talks on telling people on his internet groups about the Amiga, when the question arises. Speaks on how most of them are ignorant of the Amiga. He states that he has been recommending emulators for those that use other systems. Though we here, are more interested in learning how to use real Amigas. Prez speaks about retirement and then into Kareoke.

Ryereßytes arrived as jpgs. FWIW: LR put the two pages into one pdf and sent it to Lenard. This may be a way to help out the Kansas city group. First page and a half, deal with what is a bit of preaching. Not aware what may have happened to the Roach family. Something negative appears to have occurred. All of that was stated to explain that projects as well as article are going to be delayed. Including their newsletter and the one that he does for the Fresno group. Jack talks about their last meeting. Sadly Lenard missed it and it seems that what ever is going on, will cause hm to miss the next two meetings. Sounds like an old member appeared, there was a look over some Load Star disks and a game was presented. We here wish all the best for Lenard and his family at this troubled time.

Tre a sure: $\$ 36.20 \mathrm{in}$ the ar. Still have to find a coin counting machnne, or get aride to the bank for the rolls of 1 cent pieces. Plus pull funds from LR's account, from the sale of the CDs and other items, through paypal. Full count as soon as that is completed. Working our way to the start fund of that non profit idea. Update on this idea in regards to the coin counter at the Safeway store. Takes $8.9 \%$ and change from each $\$ 1$ run through $I t$, easier to use it as it is ust threє blocks away, and in the range of 1 LR and walking. Bank requires a ride. Yet we don't lose the few cents on the dollar. Group at meeting decided to be as cheap as $\mathbb{L R}$ and work out some way for a ride to the bank.

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Commodore Librarian: Because we have some demo lovers and S.ID. lovers. OK and because we have been sorting out the 1581 disks that came in the buy 1 iin did recently. Side \#1 has a few demos, mostly with S.I.D. bits. Hardcore has many screens, some music, mostly it is anmation. Digital Concert has 4 songs they say, and the band it timed/sequenced to play with the music. Amiga sho has a few Amiga 1000 pix and digital voice. Game Music V, here we have 20 ripped songs. Stereo has a good pic, with some animation and 4 songs. Small read me file for both sides, and the menu.

Side \#2 has, as requested, another CommodoreFree issue. This one is \#27. Thanks to Al Jackson at 5C's, for making the .D64 versions.We did learn that the new menu is done in the dotbasicplus prg. CF 27 has reports on the 2nd U.K. users group meeting. Badder did his, though aside to Nigel, ah like what the smeg is a "CHAV"? Nigel and Shaun gave their reports on the event. LR had to agree with Nigel. As when he saw Metal Dust at MossyCon 4. Not able to tell foreground from background either. Parts A\&B of installment 12 of Beginning. Interview with Snogpitch of the Cincinnatı group. One with Owen of spectrum vic 20 emulator. http://smonowen.con/spectrum/vic20emu/. Another with Quernhorst of the Shotgate game cart. News on the 128 Basic 7 competition, Acid 64 player, Aztec C http://www.aztecmuseum.ca/ as the ste has been reworked. 64Copy v4.4 has been released. Loads more, including a Full Motion Video thinggy for the $\mathbb{C} \equiv$. http://www.amidog.com/c64/fmv/. Along with a section on the Vic-20. We are down to about 500 disks left in the blank box. All of the blank disks LR bought a few years ago. If the pos linux thing worked, we would have been able to place an order with that disk making company in Calif.

At the meeting itself. Discussed putting the Commodore Freє on the disk. Some are grabbing the issues as pdf DLs from the ste. No one locally is getting the .d64 file, that we put on the disk. Since they don't have a way to bring it to the $\mathbb{C} \equiv$ as we do at the moment. For the nonce things will continue with using the . d64 files that Al makes and sends to us on the 5C's disks. As LR did warn the group, that he has more stories that can be put on the disk instead. (eg)

Ed it or / $S$ y s Op: First thing that I need to propose, is funds diverted from what is supposed to go to the treasury for a reparr job. The keyboard on this 128D has some bad keys. Needs a cleaning from Ray. Be in the range of $\$ 50$. Out of the three that I have, they are now all in the same condition. Have a flat that I think works, which can be used temporarily. Since all the writung is done on my system, asking for a bit to help in the cost to keep it going for us. (at meeting the locals voted unanimously to cover this, since all the work for the group, in writing as also in much of the disk work is done on the 128D. OK and they watched \& have to rock and pound on keys, along with using the caps lock and shift lock key just to type the "Water" and that included the quotes. Vote was 100\%. A box must be scored up and note sent to Ray. (editor note: thanks guys)

Now then, there is that thing for/about DLH and the bomblast site. If you haven't seen it yet, it is one that is preserving Commodore material. I understand that there are CDs one can buy of the collections, as well as DL the material. Part of the material that I saw, where
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newsletters. Saw from some of our old and gone exchanges, and even saw that there were listed some of the Commodore MalLink issues. In a Saturday $\mathbb{R} C$ with DLH. We talked about that and what could we as the ACLiG do to help preserve $\mathbb{C} \equiv$ things. End of that is that we will be scanning our newsletters, and what we saved in exchanges for that site. I was told that OCR is the best way. Save for the coloured paper that was used at one group. This is something that we have to experiment upon. As we have done some jpg scan work. Not any OCR stuff. Barely any work in placing them into a single pdf file. This work is a part of what No30 was going to be doing, as deputy, for us for a library CD. Sort of kills two birds with one stone. (G) However there is a fly that popped up in the ointment for this project. That compaq pos that as to be a temp 〈tmp> unit last year. Now is acting up so bad that it is not in the least trustworthy. This project along with the majority of other work for i'R is limited or cancelled till a new machne can be found. Perhaps the one from No. 16 or maybe from No.8. Though all of us are in the same economic boat these days. $\mathbb{N}$ O. 30 has some success but even that is getting worse.

As to the BBS. Slowly I am drawing the layout of the ckt board for Eddie. \{see it later in this issue) Either we have some of the jumpers out of place. Or when the board was installed backwards, originally, something got fried. Too make that in some form that is understandable, lam doing it in Geopant. That will be made into a post script file and then into a pdf. Finally sent to Eddif to see if it is correctable in the jumpers. Or I save up and buy another one.

Right then the topic of membership reduction in cost. Bit of history for all, first. Back in 1993ce when I joined the group. Membership was $\$ 12$ a year with a family membership and half year memberships. Disks for the $\mathbb{C}=$ where only 25 cents. 75 cents for Amiga ones. Group had close to 45 members. Not sure of the number at that time. Wasn't an officer then, though did Sef around 20 people at my first meetings. ACUG at that time, met at the local college in the student union room. One of the Amiga uses as also a college employee. College at that time also had Amigas. Cost for the group, I mean the monthly output was small. There was no monthly cost for the meeting. Newsletter was one sheet of paper. Contaned notes of the meeting, officers, contact and next meeting time, date and place. Folded over with the address and stamp on the blank reverse side. Printed out on an Amiga, no photocopy work.

There was a couple hundred dollars in the treasury. When the college let the group go, over something that I never Iearned about. Group moved to the library and that bread as gone in monthly room rent for $21 / 2$ years. Hey so where the members, as they split when escom fell. We were at a membership of (hold onto you hats) threє. Shortly after they elected me the prez, I was already librarian and editor. They spit like rats from a sinking ship.

What did I and the sho-vah get as an inheritance? Hmm, I got a box, that had some old late 80s exchanges of newsletters, some stuff about being able to do the TWS copies, a tattered few pages of the constitution, the impression stamp from CBM for the users group. Took a few months to score up six 50 count gray boxes of what was the $\mathbb{C}=$ library. Most of that was some extra copies of the monthly unnamed disk, and pirated LoadStar disks. Took less time

OK I don't llike to talk about this next section. Sounds too much like ego boostring. Imoved the group to our shop. There we held meetings. Also was a way to gann, slowly, new members. Yeah 1 I 5 a game store and therefore the local members were and are into the games as well as the $C=$.Ego sounding drenn now. I created the BBS, bought software collections, as well as hardware and hardcopy, and more that snn't worth the mention asl don't go into the go boosting stuff. Suffice to say that all the sufff that is for the group to use, Includng the several hundred factory blank dsks.I I spent my money and shop cash. As the smple fact is that there wasn't and isn't enough coming in for expenses. We had upped the membership and dsks cost to the current $\$ 81 /$ year and 75 cents a month for dsks. Or $\$ 27$ a year for both at one shot.

That all taken care of for the history part. Where are we today? Istill pay for every thing. From the stamps, photocopy, printer paper, $\$ 9$ a month for the yet to be used again dedicated phone line for the BBS, tems offered to us, through the 8200 a month for the shop space that is more ACUG than a shop. And the $\$ 140$ a month for the storage shed for the over flow. That is why it as voted many years back that I am a charter founder of the new group, and some of what comes in for the group, goes to cover some small part of the output. Oh yeah the sympathy part now. This is done on $\$ 670 /$ month disability cheque from the feds. OK sol really believe in thrs system and spend all my money to keep it and the group going.

Members have aso donated a lot of stuff to the group. Balzabar with the webstt, Destined/werdwwolf for computers and other hardware. Eddes \& the one $\upharpoonright$ for help and hardware for getting the BBS back up agann. Along with a few others, all earned the best we can do in compensation, several years of free membershp. Yeah we also put out several issues to other use groups.

So then we have thousand if not hundreds of thousands of files on over 5,000 1541 d dsks, unknown amount of 1571 d dsks, close to 5001581 dsks, at least 250 FD dsks. Around a dozen or more CD of $\mathrm{C} \cong$ materal. 1315415 teteded and will be used in a class on digmment and then they are up for members. Magaznes, books, manuals for programmes and more. Then there is the Amgga sufff, which we don't yet understand. A few thousand dsks for certaln and there are also magazunes, CDs, and books.

All of that need to be preserved in some form, as well as sorted for uss. A long process that is still gong on. Plus we will have as soon as we get the SD cart thng worked out, the BBS back. Then we have the mal list and the $\mathbb{R C}$. Most important for members, local and long distance, we are motvated and our PC platform is still the best and the most fun to use.

Right then, all of that just to document the following. I propose that at the busnness meeting in July, that we change the membershp cost to the followng tulke this is really a democracy)

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Membership be reduced to $\$ 10 /$ year. Disks to be rased to $\$ 1.00$ per month. Disks and membership then becomes $\$ 22$ per year. Long Distance members, send me feed back and your vote via emall or the mall list or the $\mathbb{R C}$. (idea was accepted locally)

Off of that topic and onto some updates on long awatted projects. Backup copies of Lenard's disks have been found and remade, along with the .d64 backups. This had been done earlier, and the lost. Majority was recreated. Trouble is in the scanning of the manuals for preservation. Just our lack of experience and skills. Learned how to place the individual images into a file. Just not clearly yet, and not with the OCR aspect. By meeting time. No 2 . should have the text intro and some scans for the Judge Dredd game. I finally found the manual for that game. Hope regigns that those disks for Eddie can also be found. Anyway, this will be used in the tranned release of the game. Made a special tool starter disk for our new member dmackey828. Sent that off as zipped .d64 files. Might be a problem with a file on his copy. Although a test of the master copy, from which the zipped . d64 mages where made, worked. In fact the tools from the specific master disk, where used to make the images. Yet now he will be able to make his own zupped image files and open them on his $C \equiv$ units.

Little Leiko looked over the above, sald It wasn't ego boosting. Something about being a dedicated smeg head to the group. Then a nice kiss and a reminder about explanning the thing about the meetings. Meetings are slated to be the $3 r d$ Thursday of the month at 7 pm . Held at the shop. That is the official statement. Truth of the matter is that at this time. Ah well, the officers, and a good portion of the deputies, are local and are either in the commune, or in the game group. Which means that in reality, the meeting started about 13 years ago. Hasn't closed yet. As we do C®stuff daly. Like writing this stuff on the 128 in Wheels.

De put ie s: $\mathbb{N}$ o 3 OO has moved the linux pos from the hall into what was once the BBS computer room. This because of the need to clear out the hallway, where the computer had been for the past 2 - years. Workmen had to replace some flooring in that are. This worked along with the big purge that is happening in the house. Hunting for those disks for Eddie, as well as making thing ready for the 128 setup to run the BBS. He has also been practicing scanning for us. Did try to do some cross platform work with the Amiga and its drive that will seє heretic and 1581 disks. Copied a jpg file from the linux pos system. Amiga sees the disk, but will not access the file. Did the same when I used GeoDos to transfer the file to the ram. Then placed it on a 1581 disk. Same result, as before, sees the disk and file, won't even let it be copied to the work bench. No idea as to why. Sort of cancelled the Amiga thing agan. No.l6 has been sorting in his storage shed. Shall be selling some extra C气 items on ebay. Did gift us with a working 1571 with jiffy dos, but minus the case screws.
S.I. G. s: Programming has gone slow. Not saying it is etther great or dead at this point. Schedule for the mutual learning class is set for $\mathbb{N} 0.30$ on Saturdays, and $\mathbb{N} 0.16$ on Tuesdays. Some has been done, but life has been interfering when we had these other plans.

Geos work has been on writing. A little on the RPG map and adventure work. Page layouts, font changes, header \& footer ideas. Did slow to a crawl with the key board problem. Things
for all the local here have been in disorder with the things that have happened in our lives with the con and the H.L.L.D. Inspection, that faled. Then the reparrs to the houss and all of the assorted drenn the entalls.

General $C=$ stuff, like hardware and some software play. Did do some of that with No.ib as he was testing at the GHQ the tems gongs up for sale. Played with the rambow writer prg as a test prg for copy a prg from one disk to another. That is the prg that LR wses for the read me files on the club disks. First time that No. $\mathbf{Z 6}$ had used a screen writer. State that he used the Dr. Who theme musca. Selected font, cursor and the font screen effects. Also did some copy work with the fiffy dos file copier. More on this in the demo part, asit happened before and durng the meeting.

Demos / Discu ssion / Close: Showed how to edt the document in Geopub. Ths is the PC sheet for the Top Sectet game. Contannng LR's character. Orggnal was ladd out in Geopant. Having the lines and the exex for the form. This was then turned into a large photoscrap, and placed into a photoalbum. After that, placed in a Geopub file. Where the data for all the form areas, was installed with the text tool. In this demo, it was how to remove the existing data in order to update It, since the character had advanced. Demo on reparing and adding data to a PC sheet in GeoWrite. Then as these two game related projects needed to be printed out, one for the mights game. And they are both double sided. Demo on how to print three copies of one, double sided, and one copy of the first, double sided.

Sadly a demo of a bad disk. Testing work showed that the factory dsk of the 1581 tool disk was bad. Demo of usng Omega $Q$ in the usse of moving file names in the directory. Used that to put the files in the proper order on that 1581 disk. Disk didn't ade 1 It, and smegged the drectory. Demo on the use of Mcopy to take one of LR's. 1581 tool disk, and copy it to the smegged factory dskk. Falled with an non understandable disk write error. Visual Inspection of that disk showed there was a gouge at about track 40, other gouge and scratches wheres seen on the meda. Disk turned out to be physsally bad. Testing of the 1581 in load, save, copy, scratch, Intraliriz and valdatate. Format was another problem. At the end of the metetng, the 158 had passed all but format. Which $s$ s vasty better than it did at the start. A disk of files even copied to ths one, at the start, would not be read on two FD units set for 158 . Seems that the more the bugger is used, the more it is deciding to work rght. There is a second one that has fify dos, at this time it is a bit out of alggment.

Lid did a demo of makng a LNX file on the 1581 . Usng ultimate $\operatorname{lnx}$ 3. Turns out that this is the first LNX file he has ever made. Had to explan the basic concept of a Inx file. Showed the demo files on this months dsks. Interesting in how the anmated items, worked in sequence with the musc. Allegedly closed at : 8:30pm. Like we ever really close (VBG)

## Lord Ronin Rambles

Ah time for me to eat up space on things related to the group and that means also things that are related to the most holy and sacred $c=$. Now then what can Isay? THE KEYS ARE NOT

Been asked to explan agan the reason that I am not gong to use the 128 D if the Crant about keys deleted with the SCPU. As the BBS system. So here goes Noe. In the past, under the older method. I used the 128 D with he $\mathrm{FD}, \mathrm{HD}$ and the $S C P \mathrm{P}$ for the BBS. Which ran 2477. Sounds great of course to have that operating. Some flaws to that idea cam up durng the operation. First Is that it is fast that way. Too fast for some users «we call them deckers). Lowest baud rate that I remember on the board was 1200. They had problens with moving about the board. OK even getting through the log in. As there are places where they had to press the space bar. And that dddn't easly register. At first I thought tit was a problem with the 28.8 modem. Or the software of the system. Noit was the SCPU that was gong to fast for the other side to easly be seen for many of the key strokes. A good example is the archery and the darts game. Here the player has the missle weapon on the left of the screen, target on the right. One or the other moves. SCPU makesit move way to fast to play. Another thng is the rate for the DL of files. I mean to say the time for the action as guen to the decker. Way off, though a part of that is from a setting done in the set up for SySOp to enter and take the phone off the hook. Now the thing is that we want the BBS to be for all, and that means the people that have pulled the system out of the closet after 20 years. Or prcked it up at a yard sale. Cetting this thng called 300 baud modem. Try It out with us and find the world of Commodorf for themselves. Bummer if they can't connect.

Other reason for this chocce. Well that happens to be a fault and a fact of the sho-vah dally attacks on us. Since in those days, I worked the shop four out of seven days. I could do the BBS things, like emall, and the game turrs and what ever else that Ineeded on my days off. Ah at this moment, thanks to him, not had a day off snce January 2006ce. Yuppers here in the shop 7 days a week since then. Just one of his attacks each day. So till this stuation is resolved, my work time on the board will have to be slammed into the exsting schedule of my life. Where part of that was dong file work. Good news Is that most of that work was done in the shop, and then taken to the BBS where it was installed. Writng was and is done in Geos, like this newsietter. That was done on a day off on the BBS HD. Since parttion 54 holds, or held the 128 Geos. Means though that the board was closed at that time. Most of that day for callers. Say here that It was set up for the decker to get a buss signal, and not a no pick up. Add to that, usng The Wave for my inet work. Even when I used QWKRR the off line reader for the 128 for news groups. That still took the board off ine for not $\mu$ ust getting the packets, but for the tme it spent to answer the mal and send it back.

Since till the sho-vah fixes the thngs he has done wrong. I am in the shop 7 days a week. I can use that time on a 128 with the SCPU here to do all my work. Using, whle the pos lasts, a linux system for the inet. So when we have the BBS runnng. I can keep it up longer each day and have et work for the deckers. Without my constant takng it off line for other $\mathrm{C} \equiv$ work. And allow, I suspect that there can be more begmerers with lower baud rate modems. Who will easly be bble to connect to the real C= BSS.

Another thing that $I$ was asked to mention Is the uss of the numbers for certan members. Ah, that is a two part answer. First st the one that these are ther account numbers on the old Village BBS. These will be the same when we have that back up agann, soon I hope. Second is that lam good at numbers, horrid at rememberng names.

Projects: Current work for me for this past month, has been forced upon me by health. Not able to do the shop sorting work. So sat in front of this 128D and wrote. Did at this point chapters $4,5,6$, and part of 7 for the 2020 ADULT story. Did three chapters in a PG-13 Ievel story called "It was My World", deals with the cross from one reality to another theme, and based off of RPGs and the RPG, of that name that I have been working on for several years. Then was asked if I could spice it up for a mature reading audience. So been editing another version of the story. Did several pages on a lesson set for how to run a RPG, and scripted out one for players. These should be ready by the next con. Placed on the CD, and the RPG things, will also be on another CD that will contan many fanzine things. Like Harlock and I had planned, before he dropped out of the project. Part of that $\mathbb{C}=$ project will go to the ACLE funds.

Still in the project aspect, and ok this is a way to see if an idea I came up with the other day will work here in GeoWrite. Hope it will print out right as well. Below should be my fast done block dagram of the current jumper setting on the SD cart. Copy of this is also gong, if it hasn't already, to Eddie. Seeing if there is some sort of error in the settings. Then if that is the case, and it works after resetting, BANG! We start the BBS set up.


Lets hope that it is a simple little jumper problem and not a burned out thinggy. Then the board comes back, and I can regale you with tales of the BBS (VBG)

OK one other thing. That image is a GeoPant, into a photoscrap, into a photo album, and then pasted in here. So a new project is using some converter things and the handy scanner to create images, that can eventually through work, be inserted in the newsletter. I am not certann about jpg to gif to GeoPant at this time. See as we go along, since there is more to learn on the $\mathbb{C}=$ for me.

Over in the Chancellor section. Stated that I made apdf of the to pages of the Ryte Bytes May issue. Then sent that back to Lenard. Did that because he had problems in making a pdf file on his heretic system. As I remember something that he had written a while ago. One page remember what that size is for him. What I made, and I increased the size of the pages for easier reading, ended up with the two pages as a pdf file, at 1.8 mb . Other reason that I wanted to make this pdf. Needed to explore the process hands on. So then this meant that $\mathbb{N O} 30$ who has been teaching himself how to make the pdf things in open office, without any dox. Gave me the short and sweet method. Now I can do a bit more and it will be better than what I have been doing, for the groups.
update 26/May/09ce: Odd to st here in the shop and not have the 1500 kitty bugging me. She is at the vet at this moment getting "fixed". Be back in a few hours. Just 50 used now to pushing her head back, as she would lick my hands as I typed. Ah, back to the update. Regarding the pdf project. Idid receive a couple days back an $\in$-mal from Lenard. Thanking $m e$ for the file I had sent him of the issues in pdf. Told $m$ that he has tried to DL a pdf maker, but it is always corrupted. Does that say something about the heretic system? Asked me to look at the issue at their website. Where if memory serves me right, the web master is the one that put the pages into a pdf. Idid the requested comparison.

Project: Been working with $\mathbb{N} 030$ on the scan and pdf file project. Surprise, found a way to find some dox. Didn't know that I had to be Inet connected at the same time. Dox are a help but not as much as I had wanted. There was a piece on making a multipage document. Best I could get was a collection of the scans in a folder. I was hoping that it would save it as a pdf and as one file. If that can happen, I don't know how, so it is back to the scans and putting them into open office 2.4, making the one pdf file. As one thing that came to my attention during the test, was that I have no choice in the style of the scan in multipage. N $\operatorname{\epsilon ed}$ to make them OCR for the preservation on our CDs and especially for the bomblast ste.

Project: That A2000, now I did get a battery for it from redrumloa. Guy on one of the chats who sells such items online. Got it in just a few days. As of this time, the day after the meeting, not installed it yet. Shall be using this for a hard ware project with Noo.lf. Though It will be me that is going to do the soldering, with help from working hands (G). Still would like to thank the guy that lad it on Robert Bernardo $\mathbb{N} \mathbb{N} 0(10)$ who gifted it to us at MossyCon5. Neєd to get the $\epsilon$-mall addy for that one. According to the folding yard stick. The monitor on top of the A2000, will fit on the computer desk of $\mathbb{N}$ O 30 O's that he has in the shop. Should also have the keyboard fit in front of It , a small problem for the placement of the mouse for left handed users. Anyway, once the battery is installed, and it tests out OK. We will finally have an Amiga working in the shop. In fact it may be the only working local Amiga. There have been requests about who if anyone gets the unit. This is still on the debate section. Doesn't matter on that, as the unit has to stay in the shop/GHQ untill ether the tower returns or my 1200 returns for ACliG use.

News Brief: In \#c64friends on the 23rd of May. At the C-4 expo, it was announced that Jim Bran has a license to make jiffy Dos chips. I got the jpg of the image that was shown flooks like a projection on a walll If lucky this will be in both versions of the newsietter. Been some talk on the homestead mall list on this one. Idid a little follow up to a forum with some more

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information. At this time the chips from Jim for the vic is still up in the arr. May be cleared up by the time this makes it to you. Seems that click here 〈Maurice〉 can still do jfffy dos as well. That is sort of muddled up in my mind. Some sort of legal thing I guess. If there is any thing else that Mark Fellows \{guy that holds the CMD rights as I understand) is Iicensing to Jlm, It hasn't been pubished at this time.

Update: Mentioned that I had made the scan of the cover of the cassette version of the Judge Dredd game and did the SEQ of the dox with some background colour. Got a reply from ourr Noti. Didn't yell at $m e$, as would be his right, since getting the dox to him took about $4-5$ years. Game will be released soon from MHI. Learned that he is doing OK now. Staying at his Dads place, as his Dad is recoverıng from a surgery. Been a bit worried as he wasn't able to communicate for several months. We all understand the economy things. Does have close to 800 GeOFonts collected and being tested. Along with some other files he has been working upon. We hope to see them here soon.

News Brief: Our member Balzabaar, in the mundane world, is in the Navy in as I can best relate as broadcasting. We had all been hoping that he was going to be transferred into Washington. Don't know if that is going to happen at some time. He is being sent now to Afghanistan. Should be back IIRC in Feb of 2010ce. At first it was thought that the acug0447.com web ste would have to close. Thanks go to Balzabar for finding a place for our website and others. Sadly his two BBS's will have to be closed till his return. Special \{secrett meeting of the ACLUG high council \{da officers), in recognition of his service to the ACLGG and mostly to this country. Have agreed to, ah smeg the fancy talk. Thanks Balzabaar for all that you are doing and don't worry about the membership feє, for many a year to come. Not sure if that is a reward or punshment (LOL)

Project: Work on No.il6s things for sale has been a bit slow. Lousy weather with this heat and the sun, then cool and damp the following day. Re-tested and worked over the 2nd of the troublesome drives. Bummer is that it isn't jfffy dos equipped. Good news is that after some more head banging around from just plann use, and a dustung. We have that one working. Now it is able to read and write to itself. Better is that what it writes to disk, can now be read on another drive. Neєd to find a better ad more accurate way to put 1581 l into alignment. We lucked out on this one, and with the box, it will go to ebay. Cleaning helped as well to put the head accurate. Did work on the 1581 that he wishes to keep. Just a little bit of testing, Ran it through the format, write, copy, read, nintialize, validate and scratch commands. This one has jffy dos. Tested the file that it wrote to another drive and no problems. This one stays in his collection for use.

Hope that we can make the lst one we tested bang into alignment. That one is still off a bit, and it does have jiffy dos. If we can't make it work, shall transfer the jffy dos chip to the working one, and have it for sale that way. next is the $1541-\|$ drive, I seem to remember, for testing, then a flat 128 with the 1750 reu. Bummer is that it doesn't have the disk or manual. I think that they can be found online though. Couple other items that I forgot at this time, to be tested as well.

Project: Been hearing from our new member dmackey828. That besides it being all my fault that I have made him into a fanatical worshipper of the $\mathbb{C} \equiv$ headed goddess. He had scored up an eprom burner, some dox, eproms and I am not certann about the eraser. But has been having a fine time $\backslash$ head something about the eprom burner making to the trash can once> in making these chips. Have asked for an article on his "fun" in Iearning to burn them. Side part of this is in...

Project: The ever going on project of the shop/ $\mathbb{C} \approx$ stuff being sorted, and lost and resorted. Health picked up a little, or I am just getting another stubborn streak. Dove into disk sorting. Manly as I promised that I would copy all the articles on EPROM stuff from the current series in the 5C's issues, and send the SEQ files for him. Found some disks that have been hiding on me, found some that like to play hide and seek. Need a heat seeking missile to find them, or a sonic screw driver that detects computer disk life forms. One of those is the December 2008ce issue from 5C's, that just has to be not in the stack of disks. Have all the rest to current installment 9. Bugger will show eventually. Then Ill put it on the 81 disk and make a nasty thing for dmackey828. Not sure if I want to make them into a LNX or LBR, pop that on a 1541 , make it a .D64 and then GeoZip it for his "enjoyment".

Did find almost all of the original collection of my work with that Dungeon Creator from a decade ago. After some of the writing work is accomplished, l'll be doing my attempt to relearn and work on some adventures. Even found a mod I started on Eliza. REM on it saysI started in 1996ce. Nothing Fancy, uust some data statement changes and I didn't know what I was doing, still don't, but that doesn't stop the fun of trying.

Request: Guess that this is the best way to present this topic. One of the online acug mall list members, posted a few questions on Geos Wheels. I tried to answer them to the best of my ability in a short time. One thing that he did say was on the topic of pictures of the screens, or sol interpreted his question. What I have planned and at this time of writing, Is taking some screen shots of the thing that is in front of me. Yeah the Geos/Wheels screens, in GeoWrite, as that was a part of the questions asked. Put these in the picture book area on the yahoo mall list thinggy. At the least for a little bit, so the prg can be seen in action.

BBS: Today, sort of blog/journal style here, Saturday $30 / \mathrm{May} / 09 \mathrm{cc}$, got an $\epsilon$-mall from Eddif. He saw the GeoPaint drawing that I made to pdf and sent to him. Same one that is pages back. Not at this time replied, only have part of that cup of coffee in me , and of course late on everyyhng. He sent me a link to the spot to see a jpeg of the jumper setting. OK I am not certain that they are correct. Mind not wanting to leave the dream state and enter what passes as a shared reality for me and the rest of the world. Didn't even do a sketch at that time of the lay out, to compare with what we have as settungs. My putrified mind stuck on one point that Eddie said in the e-mal. We are short a jumper. OK now that I am more awake, I wonder if the jumper things that are not, ah jumping for a better word, can be put in the proper place to jump? Look into that for the hardware class Iesson.

Update: On the 26th of May \{isn't that when Linburg landed in France?\} Our furry
constable $5 \mathbf{5 0} 0$ No 30 pulled an all nighter to take her there on time. Then a bit later yelled to get me up, opened the shop and headed into town to collect the discount coupon. 2:30pm I headed out to pick up the kitty. Who was really stoned man, big black eyes. Not great, on a black cat.

They trimmed her claws, I guess because they didn't want her to scratch the stitches. Or could it be that she was un co-operative in being taken out of the carrier? \{EG\} In any case, she made it back to the shop/ACLGG ghq. Where after a fun time of trying to walk, and the hind legs falled. She had some lap time and pets. Now she also had to freak out the freak. By rolling off the printer to the desk, between the printer and the shelf. Pitfiful meeows, and her furry facial expression, reminded me that I had read someplace about cats having the same number of facial muscles as a human. Scared me that she might have ripped open her stitches. More pets, and then she decided to hide under a stack of disk boxes, printers, and other $\mathrm{C}=$ stuff. Came out over a day later. Now she is almost back to normal. Demanding her pets, at the door when I arrive each day. Eating her sabbath treat today as I write these lines.

Newer members may wonder at why the above trip about a cat in a $\mathbb{C}=$ newsletter. Despite her name and being the constable/mascot of the local group. There is a long history for her and us. One that would eat up the rest of the pages of this and next months issue. The real short is that she came to us for rescue. Being abandoned by her owner. Well before that we had found her and at the request of the owner. Tried to return her. But the people at the house, refused. Owner told us that it is our fault because we don't speak spanish. I'll not rant on that part in here. We took the kitty to the shop and had her there for several weeks. Till the owner stole her away. Later in that year 〈2005ce〉 there is the kitty wandering about, eating out of the trash can «used diapers>. Came to the shop door and cried to come home. OK took her in agann. Losing her the first time was traumatic. Starved and looking bad, she came home. 4 months later the owner wanted the kitty. I sald no, and the cops came by. Cops agreed that the kitty belonged to us. Long legal talk deleted here. Two days later, arrives the head of animal control. Long story short here, that bitch already had at least 2 counts of animal abuse/neglect. If she hadn't had threє kids, she would be in jal. She can't own an animal in Oregon. But A500 was still listed at the local vet as hers. He had to take her for an exam, and do the paper work. I didn't want to lose her, but more than that I didn't want the bitch to get her. No worries on etther, kitty would be mine, and the bitch can't get near the kitty. He learned how much $A 500$ wanted to be here in the shop. When it took both of us to get her into the carrier.

Tell you here and now, that when she came back that evening. I heard her yelling all the way down the driveway of the carpark, all the way till she entered the shop. Smelled me and the pipe and quieted down. She went to her kitty hiding place, which is how she got her name. As that place was on a parr of dead A500's. Must have liked the KB layout. The good news is that she was now all legally registered though the humane department as mine. Her name as $\mathbf{A} 500$ and even registered at the vet. Pard for by the head of anmal control. That slips into the bad news. I knew she had some hurts. Let me see, what did they find? Oh, not much, neck damage, hip and tail damage, at least one paw damaged, all of her ribs on the right had side had been
kicked and broken at least twice and healed wrong. No question as to who did it from the age of the inyures. Iknew that the kitty had at lesst 4 litters, that the owner didn't care to take any responsbbility. Iremember that owner sadd the kitty, dddn't use the kitty box, didn't purr, didn't like to be held, and won't stit th the lap. Ah right $n$, she just got off my lap after washng my hands whlle 1 am writtng and purrring so loud have trouble hearing the Celtic arr show on the radio. Any way that was back in the late fall of 2005 Ce. It took ths long, not only to save the bread for her fixing <other emergency expenses>. But to get her weght and her health up to handete the operation. Physsad and mental for her. Stress can kill a cat.

So A500 has been a part of the shop and the ACLCLG for several years. Has to be in the lap of all the members that are workng on the computers. Naturally creating problems, like helpng to type prg Ines. Pity that the great $C$ § ) wst doesn't understand cat basic programming as a language (G). She loves the computer stuff in the shop. Ignorng the game and comic book tems. Right now she is on the bag Luse for transportung the newsietter to and from the copy place, anditis on the printer, slefpng nicely. Oh yeah one fear that they had for her, was that all the drenn she ate and other factors of her previous life. May have made her dabecic. A thng that I am not too familar with in cats. Anyway point of this historical thing, is that our constable has been "fixee". Now not only safe, but healther, and we hope happer.

Update: Guys lam smeggng it real good. Lets wecome the newest member to the ACUG Dragonfluu. Our thrid new member this year. Somehow I am not drivng them away anymore, Anyway I met DragonFlu on our $\mathbb{R C}$. Based on what I have prcked up. He has run a BBS in the past, I thnnk it was on a 64 system. Interested in runnng one agan, and on a 128 . Knows a lot about the workngs of the $\mathbb{R C}$. Well most every one does know more than I on that toplc. Now then, DragonFlu s slocated in the Colorado Springs area. No, for our Sc-fif ann, I don't thnnk he works for the S.G.C. ( $B G$ ). He is interested in the $C$ © telecommuncations as well, along with a few games. However he will be gannng this catbox liner as the cyberspace editurons, and the Penny Farthnng dsks as well. Poor man to face that much input from me here at the GHQ a.k.a. the Green Dome.

Announcement: Our Nootb will be gone for the majorty of ths month. He has his yearly two week National Guard tranng out of this state. Shall miss the meeting and the slated days for more testing/reparir of his $\mathbb{C}=1$ tems, as well a a the returnngs programming and other S.I.G.S

Notification: Tried out this different style this ssue of information passage. Tackng in the data all in the rambings section and classifyng it, looked nice as a layout Idea. Statted out OK, but for me at least, lost the effect after the first few entries, and has become to sterile in feed. Not even Scffilin scope. PIll look for other ways to present what shakes around here, and in the far flung reaches of our ACCVGI Imperium.

Update: Still hunting for the December 2008 issue of the 5 C's newsletter disk. As that has the installment of the eprom information that I am missing for dmackey828. I must make a
medal and or an award for members that have needed disks that have entered the time space warp, without using a TARDIS! Perhaps it is uust hiding on me so I have to do more shop purging? While on the subject of dmackey828. I have bugged him for articles. Well trying to save you guys from reading this full blown drenn of mine. I have asked for his background in the $\mathbb{C} \cong$, his current work learning to make $\in$ proms on the $\mathbb{C}=\approx$, his website that lists us, and naturally his new work with Geos. Hmm I could be cruel and ask for that from DragonFlu as well. $\{$ EG\}

Just Plain Filler Drenn: Guess I must bow to the local gang and say it, Lord Ronn's body turns or turned 59 on 7/June/09ce. The mind has never aged since, what, 18 or less?

That out of the way. You are more likely interested in the things going on the fact that there isn't enough space to toss in one of those dull articles I have stuck away. So then the following bits are all the last moment before this is put in Post Print things that have gone one over the past few days.

Been seeing in the $\mathbb{R} C$ of ours, that dmackey828 has become addicted and broke to and from the sacred and most holy $\mathbb{C}=$ at the moment he has been focused on the eprom work. Finding help on other channels, and gaining some circut board type things, for making cartridges. I looked at them, from the links that he posted. Mind now that we have not locally done any eprom work at this time. Yeah we will be picking his mind when we start our own experiments. He also posted a link to a place that has the 64 kvdc set for installation in the 128 flat. I must remember to send him some files that I have which use that extra ram.

No 30 has picked up the 4000 mother board from $\mathbb{N o}$. ifo and it will be sent to that man in Calif. Who has the 4000 power tower. Replacing the one that the sho-vah destroyed with his treatment and glueing in chips. What else is needed after that is unknown at this time. I have made the start of an arrangement, that is not solidfified, on a linux tower from No.l6. As a something to replace the faling pos compaq thing. If this does go through for me. No. 8 will be needed to explann and help in the set up of a linux system as this bugger has the heretic stuff on It.

Been reported that we have done a bit of hardware work with $\mathbb{N o}$ oub on items he intends to sell. There are still a few more that need to be tested. Bummer is that he will have left, by the time the print issue is in your hands. Work, prepping for this yearly traming session and some personal difficulties have caused a slow down in this project. Hope that we will be able to pick up again after his return. As there are more hardware things to do for us, past his collection.

Speaking of that, today $\langle 6 /$ June/O9ce $\rangle$ Ireceived some information from Eddif the One about using the jumpers on that board. There are several that are not being used at the moment and I can take one of them to use for the missing connection. As much as I want to do that today. I promised that I would watt till Nooild was here in the upcoming week. As it is hardware and he enjoys this sort of thing. So that means I must wati in anticipation for his
arrvival on Tuesday $\mathbb{I R C}$ to do that jumper movement, and sce if the thng works. If so then mind you there is a mess of work for me to do on BBS set up. Even with thanks to Eddie the One for a copy of his innercracle BBS layout. AsI must try to recreate the Village as close as it was in the past. No then to find all those scrawled notes, and fI I can find them. Can I read them? Some new members may wonder at the deday. Older members have read how I feel about promsss, like with the entire sho-vah stuation.

As am dong this fill up stuff. No. 30 is workng on the 64 Cc . Crating an adventure with the Dungeon Creator. This will take some tme, but $t i s$ is gaod sign that we are putting some things back together rgain. Lots of glue and a blg hammer of course.

Personally, ths last month has had me $\mu$ ust writung thnngs, for the most part. Started on chapter 5 of the dault version of that "t was my world" story. Have amost finshed the 4th chapter of the general audience. Then must start on the genera, well call that PG-13 Ievel audifence chapter 5 . Have to go back to the very adult 2020 chapter 7 , and chapter 3 of the Wanderrng Cat story. Plus as part of the Geos RPG Iesson. Makng a starter adventure for No. 2 to to complete and run for his DM tranngglesson. Of course that is in Geos and I must make a pdf of the post scripf file and sendit to him durng his tranng session with the Nat. Guard.

Have other projects to be done for people that have sat a long time partally completed. So many thngss to do and to Fearn with the saced and holy C= that there is never enough time. Wonderng of this is adad thing or not (VBG)

Twice monthly $\mathbb{R C}$ cyberspace meetings have pcked up. Though a t times there is the threat of $m$ dong a Geos/RPG adventure witting course. If thnngs don't pick up in converation. We had had at times Il. people logged into the chat. May not sound like alot, but it sure beats the timest t was ust $m \mathrm{me}$ and the chanserv bot. Talks have been on a wide variety of things. Not alll admit on the $\mathbb{C}=$. Yet it $\mathrm{SC}=$ people takkng about ther interests and yeah It does slip around to the $C=$ and how it telates to thnngs. Besides $m e$ and $m y$ RPG stuff. Talk on ham things and our sacred PC plafform. Chip makng, some techy thngs that I have had go over my head. A good few hours spent a couple times a month. It \& Jrd Monday at 7pm west coast time. /server ric.newnet.net /jon \#acug.

Well the "f" key has died on me. Only way that you are seengs that letter here, is smmply because I took all the bad key letters and made them into a file. Usng the cut and paste tool of $C \cong$ and $T$, Ipaste in the leters, and then delete the unn-needed ones. Going to see if one of the flats that came into me, will work. Hope that I can transfere that little mmu board. No dox anymore, soitt Is draw it out and hope for the best in moving it to the flat. Then send 3 key boards to Ray for reparr. Loads of hippy and kitty fur in the key boards. A500 and I must be shedding heavily. (BG):

Next page has the Shadowland thngss that I prcked up in the past few weeks for us. Added some comments to the input. Updates and things that were posted on the topic at a a ater time.

## SHADOWLAIDD

POSTED BY ROBETT BERIARTDO OF F.C.U.G.
Cloanto has released C64 Forever,"a revolutionary preservation,emulation and support package". Similar in nature to Cloanto'sbest-selling Amiga Forever package, C64 Forever runs on the PC andprovides an emulation of the $\mathrm{C} 64, \mathrm{PET}, \mathrm{VIC}-20$, and CI 28 ; a database of thousands of games, 200 games and demos, and historical facts and photos. C64 Forever is priced at $\$ 19.95$ for the downloadable versionand $\$ 24.95$ for the boxed version. For more information, go to http://www.c64forever.comC64 Forever information is also avalable on Facebook and Twitter.
\{editors mumblings) I have yet to look at this sitc. Another individual posted on a list that there is no Commodore playable version of this item.

## SEITT BY JIM BRAID TO LORD ROIID

*The other company is NKC Electronics. * NKS's two boards are $\$ 60$ for the par ( $\$ 45$ for the SD board and $\$ 15$ for the additional board with the connectors on it) * NKC's offering is called SD2IEC * The ulEC now comes with a connector card like the NKC unit and it has switches.
(more mumblings: Jim sent this, along with explanations of terms on other subjects. I just learned in the $\mathbb{R C}$ Con the 6th of June that the standard commands for the CMD hard drive work on the ulEC. As I understand It, @cp71 works, as does @cd//kitty box/. In moving from partitions and sub-partitions.)

## POSTED TO COPS BY TOM GOOSER

Dell has a color laser printer that is Commodore compatible on sale for \$329! I just got this printer and it is wonderfull It has a paralle port and supports Postscript as well as PCL. Dell is also offering free shipping at this time. Check it out on their website. It is the model DELL 3130 cn Color Laser Printer.
\{another mumble: on the cops ist there was a question about this working with the post print prg. Tom confirms that this post script level 3 printer works with pp 3.8)

Print Ending Statements: Ok a reminder here about the elections. Need your mput before the July meeting. Snal Mall, E-Mall, message on the machne, $\mathbb{R C}$, knock on the front door, all that sort of thing.

Since the key has gone out, and I don't thnk the paste will work II GeoPub. I may have to make a substitution for the letter "rR". Want to do this before attemptng to changẹ the 128 systems. Fingers crossed, but print readers are safe from any further drviel from $r$ $\varepsilon^{f}$ month. (ECG)
goor whe




[^0]:    SC ${ }^{\$}$ April issue：Articles start with a 4 screen joke thing called Hackers test．LR seems to be a Gizmo．Two parts for installment 8 totalling 32 screens on EPROM．Bit past us locally． Deals with the autostart of the cart when the computer is turn on．ML made easy by Lyle Giese runs 21 screens．From our prespective it start well．Talks about good books to have and

