



# S C CUBED

The Official Publication Of The

## SACRAMENTO COMMODORE COMPUTER CLUB

Volume 4, No. 6

June, 1986

**RITA MOLL, PRESIDENT**

The Next Meeting of the  
SACRAMENTO COMMODORE  
COMPUTER CLUB, INC.

will be held:

Monday, June 23, 1986  
Starting at 7:00 pm.

Kit Carson Middle School  
Cafeteria  
5301 N Street

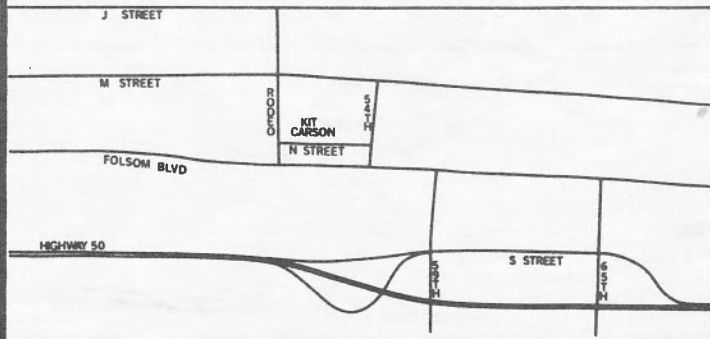
See Map Below

FEATURE OF THE EVENING

TIM BALTAD  
demonstrating  
CAPTURE  
(Disk Archive Utility)  
by JASON-RANHEIM

For more information:  
Rita Moll 427-7248  
Debbie Smither 487-1078

ABSOLUTELY NO SMOKE, FOOD, OR DRINK  
DURING THE MEETING



**BRIAN SMITHER, EDITOR**

The SACRAMENTO COMMODORE COMPUTER CLUB, INC. is a non-profit organization devoted to the collection and dissemination of computer knowledge, to the encouragement of computer education, and to the promotion of the use of Commodore computers.

The SACRAMENTO COMMODORE COMPUTER CLUB, INC. and its newsletter, the S C CUBED, are not connected with Commodore, Inc. COMMODORE and Commodore product names are registered trademarks of Commodore, Inc.

All meetings of SCCC are open to the public. Yearly membership dues are \$20.00 which brings the S C CUBED, access to SCCC's public domain library, and access to the public domain databases in The Lighthouse and Davey Jones Locker.

Future Meeting Dates:

July 28, Monday, 1986  
Aug Annual Picnic TBA  
Sept 22, Monday, 1986

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S C CUBED

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S C CUBED is the official publication of the Sacramento Commodore Computer Club, Inc. and is published monthly.

We accept contributions on tape, 5 1/4" diskette, or via modem. Please include a draft hardcopy if possible.

S C CUBED accepts want ads from SCCC club members and advertisements of a commercial nature from computer oriented businesses. SCCC members want ads are free, must be computer oriented, must not reflect a business nature, and five lines maximum.

Commercial rates are based on a 7 1/2" by 10" page: full-\$50.00; half-\$25.00; fourth-\$15.00; eighth-\$7.50.

Deadlines for submissions are the first Monday of any month.

Commercial advertisements must be camera ready else additional fees are required. Please submit advertising directly to the Newsletter Editor.

The mailing label indicates the month through which your membership is current. An XX or CC indicates a User Group News Letter Exchange or Complementary copy.

S C CUBED for May 1986 experienced a press run of 500 copies. Approximate dispersals are: MEMBERS-360; XX CC-95; OTC SALES-40; EXTRAS-5.

THE SACRAMENTO COMMODORE COMPUTER CLUB, INC.  
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Warren Putman 991-6664  
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The Board of Directors meet on the first Monday of the month at 7:00 pm at Carrows Restaurant, 3110 Bradshaw Road at HWY 50.

S C CUBED Editor & : Brian Smither 487-1078  
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Membership: Gene Hollingsworth 483-3558

SIG Coordinator: Warren Putman 991-6664

Local Commodore Bulletin Boards

Davey Jones Locker/SCCC 991-7319  
(Dave Jones) 24 hrs  
The Lighthouse/SCCC 381-6390  
(Carl Wagner) 24 hrs  
Bear's Byte 722-7423  
(Woodie Bear) 22 hrs  
Roseville BBS 791-4298  
(Gary Lindenschmitt) 9-12pm  
INFO NET 64 685-8220  
(Ken Hollis) 6-11pm  
Starship Enterprise 451-6458  
(Aaron Bond) 24 hrs

LIBRARIAN'S ITINERARY

CANDY COMPUTER - JUL 5, AUG 2, SEP 6.  
9am-5pm 9am-2pm 9am-2pm  
COMPUTERTIME - JUN21, JUL19, AUG16  
1-5pm 1-5pm 1-5pm  
SOFTWARE PLUS - JUN28, JUL26, AUG23  
11am-1pm 1-5pm 1-5pm

FEEDBACK  
(Letters to the Editor)

*This is a regular feature of S C CUBED. We are intersted in hearing from the public who have suggestions, comments, or criticisms of how SCCC, S C CUBED, or the general world of Commodore computing is run. We also welcome reader's comments on our articles, especially regarding any significant errors or ommisions.*

Roger Lubiens,  
Folsom, CA  
May 30, 1986

Editor,

I have attempted to (mail order) purchase software disks from Commodore Software Association (no relation to Commodore Business Machines, Inc.) with no success. They cashed my membership application check and a check for my software order. As of last November, they have failed to send my order. This company advertises in Compute!'s Gazette. I have filed a complaint with the Department of Consumer Affairs, and they have notified me that several thousands of complaints have been filed against this company. I urge that our club members be made aware of this less than scrupulous business. Thank you.

Sincerely,

(signed)  
R. Lubiens

Andy Consiglio  
Las Vegas, NV  
May 22, 1986

(Ed. Note: Mr. Consiglio is a comrade in editorship for the Clark County Commodore Computer Club, Las Vegas NV. My last letter to him suggested an organization of user group elected officials.)

Editor,

You should be very proud of your newsletter. It is one of the best that we receive and we are very happy that you keep us on your mailing list. We expect to put a newsletter out each month and I can tell you that some times it is no easy

Continued on Page 4 Col 1

PRESIDENT'S PAGE  
by Rita Moll

I would like to take this opportunity to make some announcements about up-coming activities of SCCC.

ANNUAL BUSINESS MEETING.

As you will see in this issue of the newsletter, we have published the Constitution and By-Laws of the club with some proposed changes. At the June 23 meeting we will vote on these revisions. Please attend so that your voice is counted in the government of the club. At the June meeting we will also present the proposed budget for the 1986-87 fiscal year. This budget will be submitted for your approval.

KUDOS TO THE SIG COORDINATOR!

Warren Putman, who has been our Sig Coordinator since March, has been doing an outstanding job in that capacity. He regularly visits the SIG's and represents their interests at the Board of Directors meetings. To request financial support for your SIG, Warren is the one to contact. Also, if you have any questions or concerns, let him know. He's a true advocate for the SIG's in every sense of the word. We in SCCC are so immensely grateful to Warren for all of his help, that it needed to be stated formally and publicly. THANK YOU, WARREN !

SUMMER WORKSHOP !!

For those of you who are interested in EDUCATIONAL PROGRAMS for the Commodore 64 and 128, Jan Zacharias is coordinating a summer workshop. The purpose is to review and discuss programs available for the home and school -- and to share effective ways to utilize these programs. If you are interested, call JAN ZACHARIAS at 363-9153.

AUGUST PICNIC !!

Be on the lookout in this issue for an announcement of place, date and time.

CENTRAL CALIFORNIA COMMODORE CONFERENCE. Tickets are now available for the October 17-18 show in Stockton. They can be purchased:

At the main SCCC club meetings.  
From our librarian, Sherri Anderson, at the computer stores on Saturdays.

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Continued from Page 3

## Feedback

task. The time rolls on by and the next thing that you know is that it is time to put out another one. I guess that is the fun of being the editor.

On the subject of organizing the numerous user group elected officials, I think that it is a great idea. I think that I have become a better editor because I have contacted other groups and the many ideas that have come from it far exceeds the cost and efforts. I doubt that we would want to do nothing else than jump on Commodore's back, but if you mean to work with them and both parties do their share to see that all concerned get to reap the benefit of the harvest then I will say O.K. But if you just want to harass them and pick on them, I would have to say no. I think that we need them as well as they need us. If we could find the right method of getting both parties together and having a good round table discussion, I do think that this would help everyone. Without us they could go down the tube, and without them, we could end up with mud in our face: computers with no support. I know that there are times when it seems we have no support anyway, but at least we have something.

About our library, we could use a lot of your help. We've had our library for sometime now (a couple of years), but we have not had the right ideas to make it work to the point that I would say that it was O.K. We bought many disks to add to our library and had members donate many more, but due to circumstances beyond our control, most of these have gone bye-bye. Now we want to put it together again, but we don't have the funds to purchase more library disks. So with this in mind, I would like to know just what your club can do for us and what we can do for you. Maybe we can exchange lists of the programs we have in our respective libraries and this could be the start of exchanging libraries. I personally get a lot out of belonging to our club and think that I should do all that I can for it. I also feel that if I can help other clubs in any small way that, in the end, it will be helping our club by helping me help the club help its members (!!!).

Continued next Column

Continued from Page 3

## President's Page

From our Sig Coordinator, Warren Putman.  
From Rita Moll.

There are two types of tickets available:

\$15 for Friday night's reception and all day Saturday workshops and displays. Advance sales only for \$15 tickets (no door sales Friday night).

\$10 for Saturday (in advance). Tickets at the door will be \$15, but only if there are any left from advance sales.

Attendance is limited to 1300.

Here is a nice maxim to live by, which also applies to submitting articles to your newsletter.

What you sow, so shall you reap.

Write some articles!

Continued from Col 1

Will it be O.K. if I pass your name to our librarian so that he could get in touch to get first hand ideas? I would not do this without your O.K. Or you may have someone else in mind that you would rather have him contact.

I can't thank you enough for your help and kindness. The best to you and yours.

Yours truly,

(signed)  
Andy Consiglio  
Editor, CCCCC  
304 Duke Circle  
Las Vegas, NV.  
89107

*Andy, I am sure that our librarian will be more than happy to begin proceedings to exchange library material. If any of the CCCCC staff wishes to communicate with any of the SCCC staff, they are more than encouraged to do so. And thank CCCCC for regularly sending us their newsletter.*

-Editor

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**ALSO....**

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*We will be  
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*July 4, 1986  
Independence  
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**thru July 5, 1986**

**THE  
C-128  
PROGRAMMERS  
REFERENCE  
GUIDES  
ARE IN!**

*The Constitution and By-Laws of the Sacramento Commodore Computer Club, Inc. are being printed in this issue of S C CUBED by request of the Board of Directors. Members should be aware of their contents.*

All *italicized* text is to be *deleted*. All underlined text is to be added.

## CONSTITUTION

### OF THE

SACRAMENTO COMMODORE COMPUTER CLUB, INC.

#### I PURPOSE

The Sacramento Commodore Computer Club is a non-profit organization qualified under section 501(c)(7) of the Internal Revenue Code of 1954, and is devoted to the collection and dissemination of knowledge concerning the care and operation of computers manufactured by Commodore Business Machines Inc., to the encouragement of computer education, and to the promotion of the use of computers in the home, at school, in business, and elsewhere.

The Sacramento Commodore Computer Club does not condone, approve or permit the unauthorized copying of copyrighted material.

The Sacramento Commodore Computer Club and its publication, S C CUBED, are in no way connected with Commodore Business Machines Ltd. or Commodore Inc. Commodore and Commodore product names are registered trademarks of Commodore, Inc.

#### II ORGANIZATION

##### A. Membership

1. Membership will be open to all persons interested in computers and computer science.
2. There will be only one class of membership.
3. Appropriate payment of dues is the only requirement of membership. A member in good standing is one who pays dues and abides by the Constitution and By-laws of the Club. This requirement Dues may be waived in individual cases at the discretion of the board of directors.

B. Dues may be set or modified by a 2/3 vote of all members present at a properly noticed business meeting.

##### C. Elections

1. All members are eligible to vote.
2. Members must be present to cast a ballot.
3. Unless otherwise specified, officers will be elected by a plurality of those voting.
4. Election of officers will be by secret ballot.

#### III BY-LAWS

- A. The members will establish By-laws governing the day to day operations of the club.
- B. By-laws may be amended by the majority of the Board of Directors, or by a majority vote of the members present at any business meeting.

#### IV OFFICERS and DIRECTORS

##### A. President

##### A. The Officers of the Club:

##### 1. President

Duties: Chairs board meetings; chairs business meetings; conducts regular meetings; acts as executive officer to see that the actions and policies of the Board and Club are carried out.

Term of office: One year

##### B. Vice President

##### 2. Vice President

Duties: Assists president, and serves in his place in the event of his absence; program chairman and parliamentarian.

Term of office: One year

##### C. Secretary

##### 3. Secretary

Duties: Performs the duties of recording and corresponding secretary, maintains Maintains the official files of the club, takes insures that minutes are taken at all business and board meetings, reads and publishes same, receives and prepares answers to correspondence, assumes the duties of the president and/or vice president in their absence.

Term of office: One year

*D. Treasurer*

4. Treasurer

Duties: Maintains records of the club's finances, maintains the official club membership list. The treasurer is authorized to disperse funds as directed by the board of directors or by a 2/3 vote of the members present at any properly noticed business meeting.

Term of office: One year

*E. Directors*

B. The Directors of the Club:

Duties: Act as members of the Board.

Term of office: There will be four directors serving alternate two year terms. Directors 1 and 3 will be elected in odd numbered years; Directors 2 and 4 will be elected in even numbered years. (I.E. The directors elected to two year terms at the 1983 election will continue to serve until 1985.)

C. Only members in good standing shall hold elected office in the Club.

D. The By-laws shall provide for removal of any officer or director for cause.

V BOARD OF DIRECTORS

A. The board of directors will consist of the club officers and directors and immediate past president.

B. *The past year's President will be a member of the Board of Directors, and may vote in case of a tie among the regular members of the board.*

C. *The day to day...*

B. The day to day business of the club will be conducted by the board of directors, chaired by the president.

D. *A quorum...*

C. A quorum will be five members of the board.

VI MEETINGS

A. Business Meetings

*1. There will be an annual business meeting at which officers will be elected, expenditures will be approved, and all other business requiring participation of the members will be conducted.*

1. There will be at least two (2) business meetings of the membership annually. One will be held solely

to nominate and elect officers of the Club. The second will be held to approve expenditures and all other Club business.

2. Additional business meetings may be called by the board, or by petition of 20% of the members.

3. *The annual business meeting* Business meetings will be held at a time and place specified by the board.

4. Written notice of the time, place, and agenda of the business meetings will be sent to all members prior to the meeting.

5. Business meetings will be governed by Robert's Rules Of Order.

B. General Meetings

There will be regular informal general meetings of the members chaired by the President.

C. Board meetings

The Board of Directors will meet when called by the President, or by three members of the Board of Directors.

VII RECALL OF OFFICERS

*Officers and board members* An officer or director may be recalled by a 2/3 vote of all the members present at any business meeting.

VIII AMENDMENT

A. This Constitution of the Sacramento Commodore Computer Club may be amended by a 2/3 vote of all the members present at any business meeting.

B. Amendments may be brought to a vote only if they have been published in the S C CUBED newsletter prior to the business meeting in which they are offered for vote.

IX DISSOLUTION

A. The club may be dissolved by a 2/3 vote of all the members present at any business meeting. A motion to dissolve the club is in order at any business meeting called for any purpose.

B. Upon dissolution, caretaker officers will be elected by the members present to take charge of the assets of the club until they are properly disposed of by the terms of this document.

C. The caretaker officers will dispose of

*Continued on Page 8*

the assets of the club as soon after dissolution as practicable, by resolving outstanding liabilities, and by donating any remaining assets to a non-profit organization qualified under section 501(c)(3) of the Internal Revenue Code of 1954.

**BY-LAWS  
OF THE**

**SACRAMENTO COMMODORE COMPUTER CLUB, INC.**

**I MEMBERSHIP**

- A. There will be only one class of membership. Each member will be entitled to one vote on any subject that the membership is authorized or required to vote upon.
- B. Membership will be for one year, and will be valid immediately upon payment of dues as established by Paragraph A of section II.
- C. Those who participate in club activities that require membership (such as voting or library copying), but who later fail or refuse to pay appropriate dues will be required to pay a late fee of \$10.00 for each unauthorized participation, and upon discovery shall be barred from participation in club functions until all late fees and the membership fee are paid in full.

**II DUES**

- A. Increases in annual dues will be made only by a 2/3 vote of all members present at any business meeting.
- B. The Board of Directors is authorized to waive the annual dues in individual cases.

**III BUSINESS MEETINGS**

- A. The annual business meeting of the membership shall be held in June of each year. An agenda for the meeting shall be published in the S C CUBED newsletter prior to the meeting.
- B. If all items on the agenda are not dealt with within the time allotted for the meeting, the business may be carried on at a later time and date as set at the unfinished meeting. No additional notice will be required for such carryover meetings.

- C. Petitions for additional business meetings may be presented to the Board of Directors, or to any individual director or officer at any time. The Board of Directors shall meet for the purpose of considering the petition as soon as practicable, and if valid, will set a date as soon as practicable for a business meeting, and will publish an appropriate and timely agenda as suggested by the petition.

**IV ELECTIONS**

- A. Prior to each annual election a nominating committee will be appointed by the Board of Directors to select a slate of candidates. The two Directors not to be re-elected will be co-chairmen of the committee.
- B. There will be an annual election meeting in March. The nominating committee shall publish its slate of candidates in S C CUBED prior to this meeting.
- C. Nominations for all offices, including the two directors to be elected, may be made from the floor.

**V LIBRARY**

- A. *The Club library is....*
- A. The Club will maintain a library of public domain programs. The unauthorized copying of copyrighted material is prohibited. Unauthorized copies of copyrighted programs will be erased wherever found.
  - 1. *The unauthorized copying....*
  - 2. *The Board of....*
- B. The Board of Directors will appoint a librarian who will serve at the pleasure of the board. The Librarian will be in charge of the club library, and of all satellite libraries of the Club. The Librarian will co-ordinate the activities of all sub-librarians and library special interest groups so as to avoid duplication of effort in documenting programs.
  - 3. *The librarian will....*
- C. The Librarian will be an ex-officio non-voting member of the Board and will attend all meetings of the Board of Directors. Because of the importance of the Librarian position, the Librarian will be ineligible to serve

in any elected office of the Club.

4. The librarian, if not an officer or director of the club, is encouraged to attend all meetings of the Board of Directors.

D. The Board of Directors will set policies regarding the operations of the library and the procedures for copying programs based upon the recommendations of the Librarian.

5. The club will create....

E. The Librarian will create a list of programs available in the club library, and will make the list available at all Club functions.

6. The librarian will keep....

F. The Librarian will keep an accounting of all club owned media and will turn them over to the successor librarian as directed by the Board of Directors.

7. The Board of Directors will....

G. The Board of Directors will reimburse the Librarian for all approved expenditures made in connection with the library. Unbudgeted expenditures will be approved in advance by the Board of Directors. The Librarian will keep an accounting of all funds expended and will present a monthly financial report to the board.

8. The librarian is authorized....

H. The Librarian is authorized to charge for the copying of programs at a rate approved by the Board of Directors. Charges will be used to maintain the library.

#### VI NEWSLETTER

A. The official publication of the SACRAMENTO COMMODORE COMPUTER CLUB is the newsletter S C CUBED or Sc<sup>3</sup>. The unauthorized publication of copyrighted materials is prohibited.

B. The editor of the newsletter....

B. Because of the importance of the newsletter to the Club and the time and effort needed to produce it, the Editor of the newsletter will be an ex-officio non-voting member of the Board, will attend all Board of Directors meetings and will be ineligible to serve in any elected office of the Club.

C. The editor of the newsletter....

C. The Board of Directors will set policies regarding the operations, and the editorial and advertising policies

of the newsletter based upon the recommendations of the Newsletter Editor.

D. All expenses associated....

D. The Board of Directors will authorize to reimburse the Newsletter Editor for all approved expenditures made in connection with the newsletter. Unbudgeted expenditures will be approved in advance by the Board of Directors. The Editor will keep an accounting of all funds expended and will present a monthly financial report to the Board.

#### VII BOARD OF DIRECTORS

A. The Board of Directors may meet in open or closed session as determined by the Board.

B. Upon the resignation....

B. If a member of the Board of Directors misses 3 out of any 5 consecutive meetings without prior approval of the Board, the office shall be declared vacant by action of the Board.

C. Upon the resignation, recall, death, or incapacity of any officer or director, the Board of Directors will appoint a replacement to serve out the unexpired term of that member. If the remaining board members constitute less than a quorum, the appointments must be approved unanimously.

#### VIII SPECIAL INTEREST GROUPS

A. Special Interest Groups (SIGs) are one means by which a club the size of SCCC can deal with the individual questions and problems of its members. On the other hand, SCCC cannot police the activities of each of the SIGs. Therefore, SCCC will not be responsible for the conduct of its members in leading, organizing or participating in SIGs. In effect, SIGs are private meetings of individuals. The Board of Directors will monitor and support the activities of each of the SIGs. SCCC will advertise and assist SIGs so long as they conform to the policies of SCCC, including the policy of discouraging software piracy.

B. The Board of Directors will appoint a SIG Coordinator who will be responsible for coordinating the activities of the SIGs.

*Continued on Page 11 Col 1*

## Snapshot 64

(a review by)  
Jim Kaminski

To my knowledge, there are three C-64 cartridge-based programs on the market which can stop the operation of a running program and allow the program to be saved or archived without need for the original copy-protected disk. They are Isepic (Starpoint Software), Capture (Jason-Ranheim), and Snapshot (CSM Software). Although I have used and will review only Snapshot, I will also make a few comparisons with the other two products.

First of all, the operation of Snapshot is easy. The cartridge is plugged into the C-64 and upon powerup there is no effect upon the C-64. The Snapshot cartridge button is pressed, the screen blanks out, and function key F3 is pressed to 'clear' memory. The C-64 screen then returns to normal and the word CLEARED appears. Now the copy-protected program is loaded and run per normal instructions. At some point when the screen is stable and drive operations have stopped, the Snapshot button is again pressed, the screen blanks out, and function key F1 is pressed, which causes the C-64 memory to be copied onto disk in chunks. Snapshot will request a two letter prefix for the chunks and a name for the boot program (up to 16 chars). The files are properly labeled and the process is over. It's that simple!

There are two other features in Snapshot which are nice but not required. The first is the ability to format a disk just prior to saving the chunks of memory (without having to reload the protected program). The second feature is to be able to examine the various parts of memory once the program operation is frozen by using the Snapshot button. Both are nice touches, but are not normally required.

The resulting Snapshot disk files are loaded by the boot program automatically (eg - LOAD "filename",8,1 ). The screen then turns blue with white letters indicating that 'filename' was archived by Snapshot 64. After all files are loaded, the C-64 is restored to the exact screen display and status as when the Snapshot button was pressed.

The files produced by Snapshot are compatible with ANY drive and most fast-load cartridges. The Snapshot cartridge is not needed to run any program that it has saved. Isepic has a fast-load routine built into its boot which makes using it very drive-specific. Capture may also be drive-specific because some sort of directory copy protection is used when saving files. Therefore, I believe that only Snapshot will work with SFD-1001 or other disk drives.

One item to note is that without the use of a fast-load cartridge, the program will probably require as much time to load as the original, protected version. I have not noticed any reduction of disk space required to store the files between the original version and the Snapshot version.

Isepic was first on the market and requires some additional effort by the user to save files, and it has problems with more software than the others. Capture has just arrived on the scene and offers the option of saving the files onto EPROM chips.

Technically, Snapshot is a cartridge with a pushbutton switch on the back end. Inside (I took it apart; the pushbutton was falling off and I was curious) Snapshot has a 4K EPROM, a couple of logic chips, and the usual resistor-capacitor assortment. It seems well constructed, provided the switch mounting nut is properly tightened. I even noticed evidence of copy protection for the EPROM, which was interesting.

*Continued on Next Page*

Continued from Prior Page

I purchased Snapshot because it seemed more flexible than the other products. I have been satisfied and have successfully transferred copy-protected programs such as Multiplan and Superbase to my SFD-1001 disk drive.

This product fills some needs, but may not be the answer for all people. I hope that this review helps out. For further reading please be aware that I have also read that the next issue of INFO magazine (due in about 1-2 months) will have a review of several items of this type device.

Although carried by some mail order companies and some dealers, Snapshot 64 (\$50) is distributed primarily by:

CSM Software Inc.  
P.O. Box 563  
Crown Point, IN 46307  
(219)663-4335

(Side Note - I have just received a bulletin from CSM advertising a Snapshot 64 Enhancement disk for \$14. This disk is to be available in mid-June and seems to remedy some of the differences between the products noted above. It is said that the disk will include a fast boot maker for 1541-type drives, a conversion routine for making cartridges, a better boot for archiving more programs, and utilities to examine and modify the files made by Snapshot.)

Continued from Page 9

C. The Board of Directors will reimburse the SIG Coordinator for all approved expenditures made in connection with SIG coordination activities. Unbudgeted expenditures will be approved in advance by the Board of Directors. The SIG Coordinator will keep an accounting of all funds expended and will present a monthly financial report to the board.

D. The Board of Directors will set policies and procedures regarding SIG coordination based upon the recommendations of the SIG Coordinator.

T-SHIRTS

FOR SALE

\$8.00\*



SIZES: S,M,L,XL  
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accompany order  
monies to assist  
financing the SIG's

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and include with payment

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May Meeting Notes  
by Maxine Wagner

If you missed this meeting you missed a lot of fun and the opportunity to win a door prize worth \$300.

Peter Ho, representing Mimic Systems Inc., gave not only an informative demonstration of the Spartan system but an enjoyable one as well. His sense of humor and some very right-on statements had most of the audience laughing, even if a few remarks could not be rated "G".

The highlight of the evening was a drawing for a Spartan system. The winner was none other than George Young, who had just convinced his school to go Commodore 64. Now he sits with a system that will make his C64 (or C128) Apple II+ compatible.

So what does this mean to the rest of us. Well, if you want, you could expand your system to 3 Megabytes. You could add all kinds of Apple peripherals such as 80 column cards, ram expansion boards, CP/M cards, printer cards, mouse cards, modems, etc. right inside the case. No cables sticking out all over. And of course you would be able to run 90+% of the Apple software out there giving you another few 1000's of programs to choose from.

It also means you can run 2 processors at the same time!! That's TRUE SIMULTANEOUS programming. The eight-bit CPUs in both machines (the C64/C128 and the Spartan) are directly addressable and transferable. They will work in an AND mode or SLAVE mode. In the slave mode one becomes a big RAMDISK. The function keys are used to toggle between Commodore and the Spartan system. Eight bytes are used to communicate between the two systems. One set of commands will run two programs, one through the Commodore CPU and one through the Spartan CPU. You can view both Apple and C64 programs at the same time. Or you can disable the Spartan system entirely with a few pokes.

A unique feature to the Spartan is that it gives access to machine level code in both the C64 and the Spartan system. This opens new realms to the avid programmer. Also, Applesoft Basic, which is very, very close to Commodore's version of Microsoft

Basic is located in ROM. It does not take up any RAM memory.

The Spartan is not just another Apple because it uses the fine graphics and sound of the C64/128. It makes the C64/128 easily expandable because there are many hardware options in the market place for the Apple.

The Spartan comes with its own 35 Watt power supply, AppleDos card which works within the 1541 drive to speed it up and make it operate like an Apple drive, and a comprehensive book/manual about the system plus a number of utility disks. The card that increases the 1541 speed is installed inside, but does not interfere in any way with its operation as a 1541. A necessary parallel cable comes with the system.

Of course, to do all this, the Spartan has an open buss design that hardware hackers like so that they can add their own gadgetry. It even has four cartridge slots and eprom burner.

All is not perfect. They are still working on a board to go with the 1571 drive to make it into an Apple drive. Peter suggested if you didn't have a 1541 drive it would be better (and less expensive) to just buy an Apple drive for \$89.

The people at Mimic Systems Inc. are working on a card that will allow the system to run IBM software. They must reduce the size of the card needed and it would replace the Apple board.

Peter Ho admitted to being one of the first to buy a C64 when they came out in Canada. He paid over \$500 without the drive etc. and is now thinking of gold plating it. He would then have the only Gold Plated 64 in the world. You see, although he now sells an add on system for the C64/128 to make them Apple compatible, his heart was first won by Commodore. After all, in those days who could afford the outrageous Apple prices. For that matter one could say the same thing today. Where can you get an expandable Apple 2+ for \$300 with the great graphics and sound of a Commodore, simultaneous program processing, and an extra 64k?

One more thing. The people at Mimic Systems Inc. think enough of their customers that they offer a toll free number for help. What a refreshing difference from what we are use to.

After Peter's entertaining demonstration, it was break time and people had an opportunity to get a close up look at the Spartan and to ask questions. When the meeting resumed it was opened up for Q & A and swaps. Geoff Worstell had a number of games for sale. John Zacharias was there to field questions but the first one was about the Timeworks wordprocessor for the C128. The person didn't know where to begin. Warren Putman, who has that software suggested the person come see him. Rumors about the Amiga were repeated: like IBM compatiblity, Amiga 2000 (code name the Ranger), etc. There was mention of the 'new' C64 with a keyboard like the C128 (minus the numeric pad) and bundled with the GEOS operating system. That makes the DOS look like a GEM system, ie. icons and menu driven, and is suppose to speed up that slowpoke known as a 1541 drive. Too bad it comes so late. Many of us have gone on to feed in other pastures.

Per Bob Collins regarding copy programs; there are many in the library and also the Cockroach (a favorite). John Z. warned of C128 DOS Shell problems when copying. It will add 2 bytes of garbage at the end. If you use all of the disk for the program you will have problems. Someone asked about Paperback Filer for the C128 but there were no users there to answer. If one of you out there have it, please help us out and would write your opinions about it for the Sc<sup>3</sup> newsletter.

Superbase: The Book, which is specific for the C64 version is at Candy Computers for \$16.00. So what? Well, for you Superbase users it has 27 pages of known bugs in various versions. The latest version of Superbase for the C64 is 2.3.

Finally - HELP!! PLEASE!! We need volunteers to help report on these main meetings. This is your chance to do something to help your computer club. If enough people volunteer, then no one person will have to carry the burden. I will report on the upcoming June meeting

since it is a business meeting, but we need reporters for other meetings. I am swamped with other Club work and will not be able to continue this service. So PLEASE volunteer for just one meeting, please.

Telecomm SIG Notes  
by Maxine Wagner

An announcement from your TELCOM coordinator....

The LIGHTHOUSE and DAVEY JONES LOCKER BBSs will be running a contest to see who can upload the best Screen Maker graphics. Screen Maker is a graphics program that you can download from the Sc<sup>3</sup> section of the boards. Lets get those graphics coming over the lines. You can even suggest a prize, but make it reasonable. Us BBS operators are not rich.

Another happening - hopefully by the time you read this the Club's two BBSs will be running the same BBS program known as TLG. It is not only a user friendly board but also very sysop friendly. Sort of like an enhanced Hal's board.

Alas, it doesn't have colored graphics but it is faster than the RIBIT board. And so far it looks like it survives with a lot fewer bugs than that old frog board.

Regarding the Telcom Sig, John O'Neil will be leading it and we are in the process of reformatting how telecommunication help will be provided.

See you online, WICKIE

**Annual Picnic**

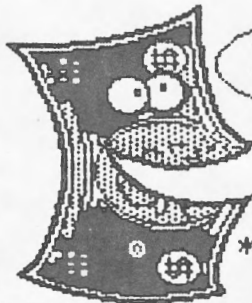
Last year, the SCCC started what it hopes to an annual event. For the second time in a row, the August picnic will be at the Hagan Community Park, off Coloma in Rancho Cordova. There will be an entrance fee of \$2.00. Last year, good discussion and fun was had by all. Not to be denied an opportunity for a swap meet, some good bargains were found. Everyone is invited. August 10 Sunday, 1-5pm. (Bring your own basket.)

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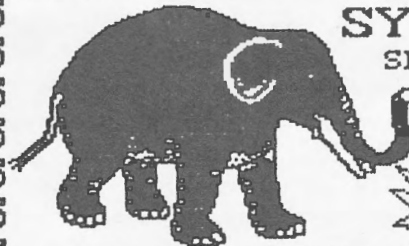
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-----  
LIST-ME (C)TR

LIST : LIST-ME FILE FOR THIS DISK  
TAX85ONT V0.1

UTIL : TAX UTILITY FOR 85. READ  
INSTRUCTIONS!

CARDS

GAME : MILLE BORNES CARD GAME

COMPILER4.4.C

UTIL : TURNS YOUR BASIC PGMS. INTO  
MACHINE LANG.

FILE.BOOT3

FILE : LOADED BY ABOVE

LAZY LETTERS.C

MISC : CHANGES YOUR CHARACTER SET

COMMA SENSE.C

EDUC : TEACHES ALL ABOUT COMMAS

PATTERNS.C

EDUC : TEACHES ABOUT THE STARS

1541 SAVER.C

UTIL : STOPS THE 1541 FROM SHAKING

WAVEFORMS.C

MISC : DRAWS WAVEFORMS WITH HARMONICS

CALENDER.C

UTIL : PRINTS CALENDERS IN ENGLISH OR  
FRENCH

TAXBOOT.C

UTIL : ANOTHER TAX PROGRAM. SAVES FILES  
ON DISK

TAXINS

FILE : LOADED BY TAXBOOT.C

TAXCALC85

FILE : LOADED BY TAXBOOT.C

PROVERBIAL.C

MISC : FUNNY SAYINGS AND LAST WORDS

MORTGAGE NOTE.C

FILE : SHORT DESCRIPTION OF MORTGAGE

SARNIA

MORTGAGE SARNIA

UTIL : A MORTGAGE PGM. WITH CALCULATED

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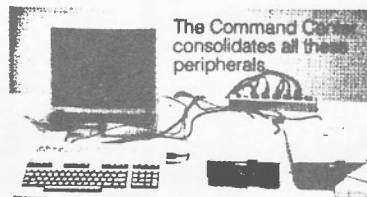
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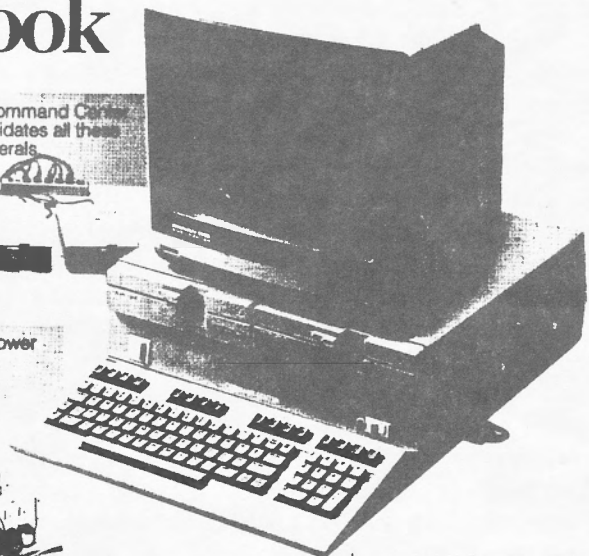
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## Superbase: The Book

(a review by)  
Jim Kaminski

If you do more than a casual filing with the database program Superbase 64/128 from Precision Software, then you should consider the purchase of this publication. I believe that it is the only book written solely for Superbase use.

Superbase: The Book was written by Dr. Bruce Hunt of Precision Software. He has been with Precision since its founding and has been with the Superbase project since 1983. As he explains in his introduction, he attempted to write a book which supplemented and went beyond the Superbase user's manual. My opinion is that he succeeded.

Dr. Hunt covers much concerning the APPLICATION of database programming. The first sections deal with setup of files and fields, what considerations exist for doing it one way or another, and explanations of menu operations such as sorting and selection. Automation of things such as sorting, searching, and updating is covered next, with a discussion of the command line and the use of variables. The use of the command 'DATABASE' was made very clear to me in this section. The practical applications of programming presented should give most users the incentive to at least give it a try. The topic of reports is given a whole chapter of discussion and examples.

Advanced programming techniques with the Superbase language are covered later to show how specific applications may be developed should there be a need. For instance, there are explanations of how to handle data input and data use (sorting and selection) with menus and how to write your own routines for handling non-Superbase errors. I found the discussions on how to restructure or reorganize the database to be very useful.

The 194 page paperback seems well indexed. There is even a troubleshooting appendix which lists all known bugs in the various versions of Superbase (which was an eye-opener for me; twenty-seven pages covering a great many versions). Throughout the book there are many examples which show how to do something and, where applicable, the resulting output is also shown. The only drawback I could find is that the same function is often discussed in several sections of the book, according to its useage and degree of complexity.

Superbase: The Book costs \$15.95 and is published by Precision Software Ltd, England. Its U.S. distributor is:

Progressive Peripherals and Software  
464 Kalamath Street  
Denver, CO 80204  
(303)825-4144

Although the book is available by mail (plus \$3 shipping), I obtained my copy from Candy Computer in Elk Grove. The last time I checked, there were one or two copies still in stock. As I indicated earlier, I strongly recommend purchase of the book by those who wish to use Superbase to its fullest, and learn good database techniques along the way.

(Side note - as of 5/86, the latest version of Superbase64 is 2.03 and upgrades may be obtained from Progressive for a fee of \$20 and the original disk.)

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The Proposed Budget for 1986-1987 is being printed in this issue of S C CUBED by request of the Board of Directors. Members should be aware of its contents.

**BUDGET**

Income:

Membership 450x\$ 20	\$ 9000
Sc <sup>3</sup> Ads 10x\$175	\$ 1750
Sc <sup>3</sup> Sales 11x\$ 20	\$ 220
	=====
	\$11150

Expenses:

General	\$ 920
Housing \$ 250	
Officers \$ 100	
Programs \$ 120	
Misc \$ 50	
Insurance \$ 400	
Membership	\$ 322
Phone \$ 200	
Misc \$ 100	
P O Box \$ 22	
Library	\$ 400
Mileage \$ 300	
Misc \$ 100	
Newsletter	\$ 7305
Printing \$6380	
Postage \$ 825	
Misc \$ 100	
Bulletin Boards	\$ 560
Phones \$ 360	
PGMs/Misc \$ 200	
S. I. G. s	\$ 900
Groups \$ 400	
New \$ 200	
Misc \$ 300	
	=====
	\$10407 \$10407

Total Income	\$11150
less Expenses	\$10407
	=====
Undistributed	\$ 743
\$500 Reserve	\$ 500
	=====
In The Black	\$ 243

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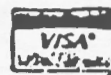
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From the Board of Directors  
May 5th. meeting

### The Minutes

Need prompt and clearer communications for membership processing; JoAnne passed out expense sheets (much appreciated); Treasure's report was accepted which itemized membership phone costs, P.O.Box Renewal, BBS costs, the Central Conference costs (\$100.00 as our Club's part of the seed money), March & April's Sc<sup>3</sup> printing costs (suspicion that we were overcharged - Brian to find out how charges are the based), insurance refund (\$400+ on the insurance bill but we were given a refund of \$96); Rita asked about the cash box - JoAnne plans to close the cash box soon; JoAnne to be given information on newsletters sold OTC as an income item, JoAnne will follow up on past due advertising accounts; JoAnne has not received any paperwork for SIG reimbursement - reports are in the mill and Warren will submit them soon; the librarian report says Saturday at Candy went fine, Warren asked about the Amiga SIG library - Pat Lawrence has the Club's 12 Amiga disks (as well as the Amiga SIG participant's donated disks) and Sherri will contact him, Sherri will introduce herself to satellite librarians and get back their materials, talk on the merits of auxillary libraries - felt that the need for them was no longer valid, Sherri was asked how she felt the library should be ran - loose threads to be tied up, Sherri and Maxine to form a sub-committe to work out the BBS library exchange, more talk about the SIGs need for a library and the appropriate position of any associate librarians; Brian presented a flyer containing Club info (instead of the Sc<sup>3</sup> front page) - board members to critique - next draft scheduled for next board meeting; talk ensued about the two (2) for one (1) disk policy; Brian made a copy of the Club library as a back up; many other clubs charge money for copies of library disks; SCCC/TPUG members get their copies on a one for one basis since they are directly responsible for our receiving TPUG disks; sentiment among members that the two for one policy is no longer required, that charges or a two for one policy need be justified by the membership, reports that many Amiga SIG

members were very vocal in their opposition to the two for one policy, felt membership dues covered library expenses, most board members agree on the 2 for 1 policy, Brian's flyer offer of a free library disk for joining or renewing SCCC would make the 2 for 1 policy very necessary, reiteration of policy that submission of a program gets you a library disk of your choice; suggestion of a Policy Manual or Standing Orders of the Board, short synopsis of Club policy should be at Club meetings; need for a membership package; Sherri to provide copies of library policy to pass out to new members; Membership Chairman's report says 348 paid SCCC members, 23 vendors and 70 club-types, SIG Coordinator needs an up-to-date printout for the SIGs' support function, Gene, Warren, and JoAnne will figure how to reimburse the SIGs for SCCC members attendance; SIG Coordinator's report included that position's job description; Prog & Apps, Telecom and Amiga groups have paperwork ready for reimbursement; SCCC's Constitution and Bylaws need changes in annual meeting and election meeting when where and how many, attendance of Board Members at meetings, enforcement of Club policy and regulations, stronger statement against piracy of software, requirement for Club membership to be on the Board, SIG-Club relationship; establish a committee to work Constitution and By-laws - provide draft for next board meeting; table Club's non-profit mailing status and business cards.

If you wish to view the minutes in detail, contact the Club Secretary.

The C128 Command Center from KETEK  
(briefly by Brian Smither)

This rugged frame places all components in easy reach. \$149.95 is...well, let's say I'm ignorant of how to estimate manufacture cost. Another aspect is desk space retrieved and what that is worth to you.

In my unit, powering just the frame (computer, etc. plugged in wall) causes the monitor picture to distort. Also, because the frame is built to fit snug around the left edge of the computer, my Westridge modem, which hangs out beyond the computer's left edge, refuses to allow the proper insertion of the computer. I intend to make frame modifications soon.

From the Board of Directors  
June 2nd. meeting

### The Minutes

Needed representation to the Central California Commodore Council had John, Warren and Sherri appointed by the board to represent SCCC; the Club's tax status needs further information by the State Franchise Tax Board and IRS - Club's lawyer to be called regarding this matter; Gene will hold off coordination of the non-profit mailing status till the tax exempt status of the Club has been settled; the Treasurer's report brought a question about the lawyer's bill - JoAnne has the lawyer's office looking into the matter - report accepted; a need for an advertising manager - several persons will be contacted; the proposed budget for 1986-1987 was accepted - to be in June's Sc<sup>3</sup> for member perusal and vote; more discussion on proposed budget was concern that forcasted membership may be too high because of changed circumstances - must deal with this by carefully watching expenses, a membership drive, some fund raising activities, and more Sc<sup>3</sup> advertisements; business cards have been ordered by a few board members (for various reasons - at personal expense) so less were ordered by the Club (250 each for President, Librarian, Ad manager, and blanks) - Brian to get them printed; Sherri had copies of library policies but they were tabled; Bob will manage the COMAL library - Club library has duplicates; satellite libraries will return all materials to Club library; reiterated that Club library will supply library disks for BBS databases; talk about the Amiga diskettes - needs to be discussed with George Leone; the library has 500 blank disks and 500 library disks - Brian has a backup library - more discussion was tabled; SIG Coordinator's report says the original Amiga SIG has separated from the club - SCCC should still have an Amiga SIG if there is an interest - Programs & Application SIG needs a new leader; Membership Chairman's report says club newsletter exchange situation had not been settled yet; John to check out the agreement with the printing company for Sc<sup>3</sup>; the Club's flyer and membership form accepted - Brian to get it printed; the sale of T-shirts with

an SCCC emblem was approved - price of \$8 - profit to support SIG's; Constitution & By-laws Committee presented their final draft for the board to peruse and change - and change - and change - and accepted - to be in June's Sc<sup>3</sup> for member perusal and vote.

If you wish to view the minutes in detail, contact the Club Secretary.

### Cursor Control with the Escape Commands

Now we come to the tricks and tips,  
These were gleaned from sealed lips,  
They are new commands for the 128,  
I hope they didn't arrive too late.

I'll try to bring you more next time,  
I'll search the manual, line for line,  
I'll look at apple, or lemon, or lime,  
To find more jewels, to then call mine.

The flashing cursor, you may like,  
But it drives me nuts, late at night,  
I found the command, I broke the dike,  
Now I turn it off, just like a light.

Press the escape, but only temporarily,  
Then press the key, labled with an "e",  
Oh glory, oh glory, that is so sly,  
The flash in the cursor, has gone bye bye.

You can get it back, with a reset,  
But I know a way, that is better yet,  
Press the escape, but only temporarily,  
Then press the "f", but oh so gently.

The flash is back, for all to see,  
Your welcome to it, it is not for me,  
Press the escape, but only temporarily,  
Then press the key, labled with an "e".

Warren T. Putman

### Parting Shots (From the Editor)

*Gads, what a nightmare this month.  
Mandatory information due for this issue  
came in not late, per se - but certainly  
not early enough to make this job easy.  
From now on, that which does not make  
deadline does not get printed and we'll  
see how long that maxim will last. Bye!*

**SPECIAL INTEREST GROUPS** In order to focus on the special interests of our members, we have organized smaller Special Interest Groups (SIGs). These groups will hold their meetings during the month other than our regular main meeting night.

Those who have volunteered to be a SIG leader are listed below with phone numbers.

If you are interested in attending a group, please contact the SIG leader or SIG coordinator for specifics as to when and where the next meeting will occur.

SIG activities are reported at our main meeting and if submitted, included in the S C CUBED.

SIG COORDINATOR WARREN PUTMAN 991-6664

C64 ON McCLELLAN SEVEN CLARK 725-0860  
Jul 2. 4:30pm McCLELLAN BASE LIBRARY

C128 ENTHUSIASTS BRIAN SMITHER 487-1078  
July 10th. 7pm SMUD -- ELKHORN/DON JULIO

FLYING CLUB BRIAN SMITHER 487-1078  
Jun 29th. 2pm CALL FOR RESERVATIONS  
Jul 27th. 2pm

PRGRMS & APPLCTNS CALL SIG COORDINATOR  
Jun 21st. 10am-2pm RANCHO CORDOVA LIBRARY  
Jul 19th. 10am-2pm

ASSEMBLY LANGUAGE JOHN ZACHARIAS 363-9153  
Jun 25th. 7:30pm 10004 VANGUARD DRIVE  
Jul 30th. 7:30pm

TELECOMMUNICATIONS CARL WAGNER 383-4094  
RANCHO CORDOVA LIBRARY

ALPHA-OMEGA TELECOMM WOODIE BEAR  
Jul 21st. 6:30pm ROSEVILLE LIBRARY

Other interests / contact person:

EDUCATION PHIL & RITA MOLL 427-7248

COMAL BOB COLLINS 363-6474

AMIGA CALL SIG COORDINATOR

INVESTMENTS BERNARD SCOVILLE 447-8288

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