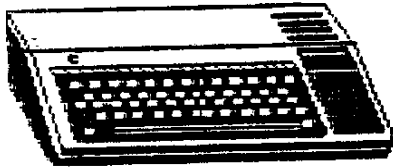


NEW JUG NEWS



NEW JERSEY USERS GROUP



Vol.5 No.6 *Monthly Publication of the New Jersey Users Group* JUNE 1986

MEETING

JUNE

9

MONDAY

7:00

7:00 - 8:00 BASIC SIG WILL MEET

8:00 - GENERAL MEETING—IMPORTANT BUSINESS MEETING
DEMONSTRATION OF NEW COMPUTER

The New Jersey Users Group meets on the second Monday of each month in the Metuchen Library. Dues are \$15 per year.

OFFICERS

President.....Steve Citron..686-3619
Vice-Presidents.....John Bonito...653-2637
 Bob Costello..663-4512
 Mel Gary.....828-5407
 Bob Guellnitz.382-5963
Secretary.....Carol Sudol...494-3781
Treasurer.....Mary Shuldman.821-8158
Newsletter Editor....Mel Gary.....828-5407
Software Library.....Dave Green....463-9133
 Leon Green....828-2435
Advanced Prog. Sig...Jay Holovacs..356-3150
Basic SIG.....Bob Haefeli...572-2828

SUBSCRIPTION FREE WITH PAID MEMBERSHIP, TO USERS GROUPS AND SELECTED VENDORS

New Jugs News is the monthly publication of the New Jersey Users Group. The opinions expressed herein are those of the respective authors and do not necessarily represent the official position of NEW JUG.

JUNE 1986

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9 GENERAL MEETING	10	11	12	13	14
15	16	17 STEERING COMMITTEE	18	19	20 NEWSLETTER DEADLINE	21
22	23	24	25	26 ADVANCED PROG.	27	28
29	30					

President:

Steve Citron
981 Townley Ave.
Union, NJ 07083

Send Dues To:

Marv Shuldman
28 Tyndall Rd.
Kendall Pk., NJ 08824

Write For Application:

Bill Dubrow
21 Seaward Ave.
Metuchen, NJ 08840

BAD NEWS!

THE WORST HAS HAPPENED! AFTER THE JUNE MEETING, WE WILL NO LONGER BE PERMITTED TO MEET IN THE NETUCHEN LIBRARY. THUS, WE ARE ALL BEING ASKED TO PROPOSE A NEW MEETING SITE. CONTACT ONE OF THE OFFICERS IF YOU KNOW OF A POSSIBLE MEETING PLACE.

CONSTITUTION

The following was made possible by the lightning fast fingers of Bob Guellnitz that keyed in NEW JUG's old constitution, allowing it to be "efficiently" revised. The draft presented below contains revisions suggested by Bonito, Guellnitz, and Gary. The draft has been included in the newsletter so that you may offer suggestions to be considered by the Ad Hoc Committee. All suggestions should be given to Mel Gary as soon as possible.

CONSTITUTION OF THE NEW JERSEY USERS' GROUP

ARTICLE I

Name of the Organization

Section 1 - This users group shall be known as "The New Jersey User's Group" - hereinafter referred to as "NEW JUG."

ARTICLE II

Organizational Purposes and Objectives

Section 1

- a. To encourage all efforts and activities in connection with the TI-99/4A Home Computer and other 9900 compatible machines.
- b. To promote a full discussion and exchange of ideas regarding the planning and conduct of such activities.
- c. The dissemination of the significant results of all these efforts and activities.
- d. To promote a better understanding and appreciation of the versatility and usefulness of the TI-99/4A.

ARTICLE III

Membership

Section 1 - Membership shall be open to anyone interested in the purposes and objectives of NEW JUG

Section 2 - Applications for membership shall be made to

the treasurer of NEW JUG and must be accompanied by one year's dues. (Prorated on an annual basis).

Section 3 - Members shall be suspended when their dues are three (3) months in arrears and shall be notified by the chairperson of the Membership Committee or via the newsletter prior to being dropped from the membership roll.

ARTICLE IV

Fees

Section 1

- a. Annual dues shall be fifteen dollars (\$15.00) for each member.
- b. Annual family dues shall be twenty dollars (\$20.00).

Section 2 - Dues are to be reviewed annually by the Executive Committee.

ARTICLE V

Officers

Section 1 - The elected officers shall consist of: President, four (4) Vice-Presidents, Secretary, and Treasurer, hereafter known as the Executive Committee.

ARTICLE VI

Committees

Section 1 - Committees to be appointed by the Executive Committee as required.

ARTICLE VII

Meetings

Section 1 - The annual meeting for the election of officers shall be held in the month of December, their terms to become effective the following January.

Section 2 - Executive Committee meetings

- a. The Executive Committee, composed of the officers, shall meet monthly.
- b. The main purpose of these meetings shall be to discuss the agenda of business for the next general meeting.
- c. A quorum for the transaction of business at an Executive Committee meeting shall consist of five (5) of the seven (7) officers.
- d. Special Executive Committee meetings shall be called by the President at such times and places as the President deems necessary, or upon the written request of two (2) officers.

Section 3 - General meetings

a. General meetings shall be held monthly on the second Monday of each month.

b. A quorum for the transaction of business shall consist of 20% of the active paid members, present in person or represented by proxy.

Section 4 - Special meetings

a. Special meetings may be called at the written request of at least ten NEW JUG Members, or at the discretion of the President.

b. Social meetings, or additional meetings, may be held from time to time at the discretion of the Executive Committee.

Section 5 - All meetings shall be announced in advance.

Section 6 - Parliamentary procedure shall be used at all meetings as stated in Robert's Rules of Order.

ARTICLE VIII Duties of Officers

Section 1 - President

a. The President shall preside at all meetings of NEW JUG.

b. The President shall prepare and present the agenda for NEW JUG meetings to the Executive Committee prior to the general NEW JUG meeting.

c. The President shall appoint Chairpersons of committees

d. The President shall be an ex-officio member of all committees.

e. The President shall perform all such duties as are incidental to the office of and are properly required of the President.

Section 2 - Vice-Presidents

a. In the absence of the President, the Executive Committee will select one of the Vice-Presidents to exercise all of the functions and to be vested with all of the powers of the President.

b. In the event that the office of President should become vacant before the expiration of a normal term, one of the Vice-Presidents will be selected by the Executive Committee to succeed to that office.

c. One of the Vice-Presidents shall be Parliamentarian.

d. Each of the Vice-Presidents shall be assigned a specific responsibility for the year, among which shall be membership, newsletter, and software library.

Section 3 - Secretary

a. The Secretary shall have charge of all papers, keep such records, make such reports, and perform such duties as are incidental to that office and that are properly required of the Secretary by the organization.

b. The Secretary shall prepare and keep all minutes of every meeting.

c. The Secretary shall keep an official copy of the Constitution of NEW JUG.

d. The Secretary shall be in charge of the "Roll Call" at all meetings.

e. The Secretary shall preside at all meetings when the President, Vice-Presidents, and Treasurer are absent.

f. The Secretary shall handle all correspondence of NEW JUG and the Executive Committee.

Section 4 - Treasurer

a. The Treasurer shall have charge of the funds of NEW JUG, shall conduct its banking business and audit all accounts.

b. Checks drawn shall be signed by either the President or the Treasurer and shall be countersigned by an additional officer.

c. The Treasurer shall keep an accurate account of all business transactions of NEW JUG and make a report of them at regular meetings.

d. The Treasurer shall preside at all meetings when the President and the Vice-Presidents are absent.

ARTICLE IX Removal of Officers and Chairpersons

Section 1 - Officers shall be liable for removal from office upon the discretion of the Executive Committee and a two-thirds vote of the membership.

Section 2 - Committee chairpersons and committee members of NEW JUG shall be liable to be removed from office upon the recommendation of the Executive Committee and the President.

ARTICLE X Election of Officers

Section 1 - At a meeting to be held not later than one (1) month prior to the annual meeting, the Executive

Committee shall select a Nominating Committee consisting of five (5) members. The chairperson of this committee, who shall be chosen by the President from among the (5) committee members, shall promptly call a meeting of this committee to consider nominations for the various offices to be filled. To assist the Nominating Committee in selecting candidates, a questionnaire shall be given to all NEW JUG members. This questionnaire shall explain the function of the Nominating Committee and shall request members to enter the names of those whom they consider desirable as candidates for the respective offices. After giving due consideration to the suggestions made in the answers to the questionnaire, the Nominating Committee shall proceed to nominate one (1) candidate for each Office to be filled. These names, together with the names hereinafter provided for, shall be presented to the NEW JUG membership at the annual meeting. Names of other candidates may be placed in nomination from the floor at the annual meeting. Nominations are to be requested in the September newsletter. The Executive Committee shall not be required to select candidates based upon the results of the questionnaire except that the name of any member who is suggested for a particular Office by ten percent (10%) or more of the active members shall be considered as having been nominated for that office and the name of such member or members shall be announced with the nominations of the Nomination Committee at the annual meeting.

Section 2 - Voting shall take place at the annual meeting and shall be by secret ballot. The nominee receiving the greatest number of votes shall be considered the winner and installed at the following meeting.

Section 3 - Only active paid members are eligible to hold office.

Section 4 - In case of the resignation of an officer, or a vacancy in any of the offices, the Executive Committee shall select a member to fill such vacancy for the remainder of the unexpired term.

Section 5 - There shall be only one (1) official ballot for the election of officers which shall contain all the names of those candidates duly nominated according to the provisions of these operating procedures. There shall be only one (1) official form of proxy to be used in the election of Officers. This proxy shall be prepared and delivered under the direction of the Executive Committee and shall contain all of the names of candidates duly nominated according to the provisions of this Constitution. This proxy shall be so written as to give every member who has a right to vote an opportunity to cast this vote by proxy, if the member so elects, for the candidate or candidates of the member's choosing.

ARTICLE XI Liability of Members

Section 1 - No officer or member shall be personally liable for any bills or obligations of NEW JUG, past or present, except for the payment of personal membership dues.

Section 2 - No officer or member of NEW JUG shall distribute any funds or moneys in his keeping and belonging to NEW JUG without written authorization from the Executive Committee.

Section 3 - All purchases and expenses in the name of NEW JUG must be approved by the Executive Committee prior to being made and any transaction exceeding \$ 100 or more must be approved by the general membership.

Section 4 - No person shall use the name or mailing list of NEW JUG for any purpose other than those purposes which are strictly those of NEW JUG without written authorization of the Executive Committee.

ARTICLE XII Amendments

Section 1 - This Constitution may be amended by a two-thirds vote of the active members who are present in person or represented by proxy at any regular business meeting.

Section 2 - No amendment shall be voted upon without two (2) weeks' notice, in writing, to the active members.

ARTICLE XIII Adoption

Section 1 - This Constitution shall replace all previous Constitutions when approved by NEW JUG and the Executive Committee and ratified by a majority of the votes cast by NEW JUG

Be sure to relay any comments about the Constitution to Bonito, Guelnitz, Gurvitz, or Gary.

PRINT USING

One of the more obscure statements available with TI Extended BASIC is one called PRINT USING. Even more obscure is the fact that this statement can be used to format variables and constants that will be dumped to your printer. The Extended BASIC manual, on page 150, shows several examples of how PRINT USING can be used to format data for screen display, but nary a word of how to do the same with open files. It can be done, and is much more powerful than you may realize.

Any discussion of PRINT USING will require an

understanding of the IMAGE statement. If you are not familiar with it, you better brush up on it first. The PRINT USING statement uses IMAGE in one of two ways, either with a string expression, or a line number reference. I prefer the latter, as it allows for more flexibility, but since these different methods are explained in the manual, I will limit this to a few simple examples that are not shown in the manual.

```
100 TCOST=19.55
110 IMAGE ##.##
120 OPEN #1:"PI0"
130 PRINT #1,USING 110:TCOST
```

Running this sample program will effectively show how the PRINT USING statement will work with an open file. Of course, there are many other variations of IMAGE that can be used, so experiment with them and watch how it performs when line 130 dumps it to the printer. Shown below are a few more examples for use with an open file.

```
110 IMAGE "##.## ##.##"
130 PRINT #1,USING 110:COST1,COST2
```

This IMAGE statement will allow you to print two (or more) variables at a pre-determined spot on the same line. The length of the string expression in the IMAGE statement can be as long as you wish, up to the limit of an Extended BASIC line.

```
110 IMAGE "##### ##.##"
130 PRINT #1,USING 110:"TOTAL COST", TCOST
```

This version shows how you can format the printed line for string data as well as numerical data. A string variable could be used in place of the string constant, as below.

```
105 A$="TOTAL COST"
110 IMAGE "##### ##.##"
```

```
130 PRINT #1,USING 110:A$,TCOST
```

It is also possible to place the IMAGE statement inside the PRINT USING statement, as shown below. First, delete line 110.

```
130 PRINT #1,USING "##.##":TCOST
or
30 PRINT #1,USING "##### ##.## " :A$,TCOST
```

A few other points to remember include the fact that IMAGE and PRINT USING can be used to round off calculated variables. A single string expression such as "#####.##" will round off and decimal align numbers as small as .01 up to 999999.99, and print the number at any designated location. This function could save many hours of algorithm development for accomplishing the same thing. So, in the long run, the PRINT USING statement is one that any programmer should be very familiar with, and use as much as possible.

(d/l from CompuServe by ael gary)

RLE GRAPHICS

Who sez that the TI-99/4A can't compete with the likes of Apple or IBM. Below are some hi-res graphics that I d/l from CompuServe. These pictures were produced by Run-Length Encoded (RLE) graphics. Although the 99/4A does not allow us to view the graphics while on line, there is a program in TI-FORUM that allows you to view off-line and also converts the image to a GRAPHX file for dumping to your printer. And remember that TI-ARTIST (v2.0) will read and convert GRAPHX files. Once you have the RLE program from TI-FORUM, type GO PICS to d/l some great graphics. You can also GO FBI for the ten most wanted or GO WEATHER for U.S. weather maps!

