

THE NEWSLETTER OF THE K-TOWN 99/4A USERS' GROUP

\BOF/

AND

THE ATHENS COMPUTER CLUB

THE K-TOWN 99'ER IS A JOINT PUBLICATION OF THE K-TOWN 99/4A USERS GROUP AND THE ATHENS COMPUTER CLUB. EACH ARE NON PROFIT ORGANIZATIONS, ORGANIZED FOR THE SOLE PURPOSE OF GATHERING AND DISSEMINATING INFORMATION PERTINENT TO THE USE AND OPERATION OF THE TEXAS INSTRUMENTS' TI-99/4A HOME COMPUTER. WE ARE IN NO WAY AFFILIATED WITH TEXAS INSTRUMENTS OR ANY OTHER COMMERCIAL ORGANIZATION.

COMMENT

The K-Town 99'ER is published monthly for the benefit of the K-Town 99/4A Users Group membership specifically and the TI Community in general. The Articles in this newsletter to the best of our knowledge are factual but neverless the views expressed are the views of the author and are not necessarily the views of the K-Town Users Group. Any article, unless stated otherwise, may be copied by other users groups and published in their newsletter providing credit is given to the author and the K-Town 99'ER.

K-TOWN MAY MEETING

The K-TOWN 99/4A Users Group will meet at the MLB (Mechanicsville, Lonsdale, Beaumont) Building on the second Thursday of the month. The date is MAY 10. Doors open at 6:30 P.M. The program for this meeting will feature a PARTIAL CATALOG of the LIMA, OHIO USERS GROUP disk library. Read the President's Forum for more information pertaining to this library and other happenings which are scheduled for the May monthly meeting. Be there for an early start of this meeting. Please remember that we must vacate the building by 9:30.

DUES / MEMBERSHIP

Membership in the K-Town 99/4A Users Group is open to any owner or user of the TI-99/4A Home Computer. Dues are twenty dollars per year and subject to our fiscal year which begins April 1 and ends March 31 of each year. Dues are classified as family memberships. New memberships are promated at the rate of two dollars per month if less than a full year, except for the last three months of our fiscal year. There is a minimum fee of five dollars. Memberships are not promated for current or former members. We welcome visitors.

PRESIDENT'S FORUM

Yes, it is that time of the month once again and as usual I am into a major home project up to my ears. My wife and daughter have prevailed upon me to remodel the kitchen. It is quite shocking to learn that the cost to remodel one room could amount to more than I spent to build the whole house in 1959. As usual, I learn that I have more time and tallents than I have money so we have moved forward on a major "do it yourself project". I won't have much time for computing for the next several weeks.

This past midweek we, the K-Town 99'ers, received from Dr. Charles 600d an archived disk (a flippy) packed full of additions to their (Lima Users Group) disk libriary since this time last year. To unpack the listings it required three DSSD disks. The hardcopy printout requires about 120 pages plus or minus. While I am certain that I speak for our whole group when expressing our appreciation for this update, the experience of unpacking (de-archiving) this flippy reminded me of my displeasure with archived disks. It would be real nice if the disk contained a "README file" that revealed the number of sectors required in SD format to hold the unpacked files. I formatted two DSSD disks in advance only to learn belatedly that I should have formatted three DSSD disks. In registering my complaint I must concede that this inconvience is more than justified when one considers the wealth of software that is being made available to us at very little cost. Users Group members who attend the Lima TI Multi User Group conference may receive copies free of costs as long as a blank disk is made available and one is willing to take the time required to make copies on the equipment furnished by the Lima Users Group. In brief, we furnish the blank disks and someone to operate the equipment and the Lima Users Group supplies the software library and the equipment needed to copy it. That sounds like there really is a Santa Clause! And if I may ask, where did all this new software come from if our II is dead?

IMPORTANT NOTICE

So what? You may be saying. Well, Bill Sheridan, eyself, and perhaps Paul Blevins and Mike Propst are making plans to attend the Lima TI Multi Users Group Conference and we expect to be fortified with an ample supply of blank disks. At our May Meeting the printout of these new files will be on hand for your scrutiny. You select from the listing the disks which contain the files you wish to have copied, and supply or be prepared to purchase blank disks from Bill Sheridan in quanity equal to the number of disks to be copied. PLEASE NOTE!! The Lima Library is recorded on flippies and to expedite the copying process there will be no file copying. This means that if you want a specific program or file you must include all the files on that specific disk whether you want them or not. This means we will need one disk to copy to for each side of the flippy. If the files you want are all on one side of the flippy, only one side of the flippy needs to be copied. Place your orders by DISK number, not by file name.

If for any reason you are unable to attend the may Meeting but you are interested in taking advantage of this offer you may do so by coming by home anytime before we leave to attend the conference. That "anytime" is subject to my availability so it might be best that you call before you come by.

K-TOWN MAY MEETING

The first item on our May agenda will be an opportunity for the membership to scrutinize the catalog listing of the software that has been added to the Lima Users Group Library since last year's TI Multi Users Group Conference. Any demonstrations that might be shown will be subject to the remaining time constraints. Each of you are invited to bring with you a favorite piece of software for a demonstration. If none of you attend with an item of software for demonstration then I will demonstrate "Speak and Spell". This is a fun piece of software and I promise you it will be a real mental challenge. Let's all try to be there in time to get our meeting underway by the scheduled 7:00 PM starting time.

NELCOME NEW MEMBER

When some of our long time members see this name which I will present following this brief commentary you are certain to say that he is not a new member. Instead, he is one of our former members (not old member) who has returned to our fold after a long absence. Whether he be an old member, a former member, or a new member, I welcome back to our fellowship the very tallented Ron Hatmaker. Already he is assisting member Paul Blevins with the assembly of a ZEND BOARD. They promise to keep us updated on their progress and a promise of a demonstration of their final product some time in the near future. If you don't know what constitutes a ZENO Board and you are interested in learning you need only to be present at our regularly scheduled monthly meetings.

OTOP THE PRESS

Just in off the wire service from Joe Simmons: We have another former member who has returned to our fellowship. Art Gibson is once again a qualified member of the K-Town Users Group. Welcome back Art! Your programming skills adds a big plus to the programming skills of our membership. As a matter of information for our newer members, Art is a former President of our Group.

ATHENS MAY MEETING

Also from Joe Simmons comes word that he has not had the time to produce his usual monthly contribution for the newsletter. Will someone please check up on him and let me know what he is doing with all his spare time. He couldn't possibly have more irons in the fire at this time than I do - and he wants to dictate to me over the phone one of his articles for me to key in for him.

Sorry, but my hunt and peck system doesn't lend me the necessary time for such services.

I did agree to advise the Athens membership that the May Athens meeting will be held at 7:00 PM on the third Thursday in the home of Joe Simmons. He also wanted me to let you know that he is very fond of patmeal-raisin cookies. He didn't request that I tell you but I am certain he would be very pleased if each of you brought a dozen or more cookies with you to the May meeting.

HELP!!!

Sometime around the first of the year I exchanged my original TI-ARTIST Program for the newer updated TI-ARTIST PLUS. Although I had been advised that the new version would operate out of the Horizon Ram Disk environment it was obvious that my 192K capacity was inadequate to hold all the files on the three disks which I received. Even with an update on my HRD to 256K it proves to be inadequate to support TI-ARTIST along with the other files which I like to have available on my HRD. What I would like is to eliminate the non-essential ARTIST files and have the lesser used files on any one of my three DSSD drives. Can any one tell me which files to modify and how to do so. So far I have been unable to do so using the program called @NEWPATH. Your assistance will be very much appreciated.

KINDER KORMER-29 By Bob Buehler

CLEAR WRITING, CONTINUED FROM KK-27 AND KK-28

In Case You Just Tuned In—Robert Gunning's Fog Index is the name and readability is the game. The Fog Index is the educational grade level for which a passage is suitably written.Tops for easy reading is Index 10. That's Highschool, Soph level.Above Index 12, Highschool Senior, is the danger line. No popular magazine for general readership scores higher.Stuff scoring 13 or higher is in the "required reading" category of college study.

Now that I have Robert Gunning's "The Technique of Clear Writing" from the library I got so interested that I had to extend the Library loan. Gunning makes a bunch of sense. Take a squint at just a few goodies. Let's start with the GOLDEN RULE:

"WRITE UNTO OTHERS AS YOU WOULD BE WRITTEN TO."

Next, consider that Ernie Pyle wrote his reports at the sixth-seventh grade reading level. Who's Ernie? Only the most noted, most read, and most loved war correspondent of our time! He reported in readable English from fox-holes, trenches, and bunkers. His stuff was devoured by a grateful Democratic World at all educational levels until a Jap bullet ended his reports. Millions mourned. Do you think you can do better writing at some higher level? Why not take the hint?

Now take a gander at the best sellers in America over three and a half centuries. Runners-up after the

Bible are:

Shakespeare's Plays Mother Goose Ivanhoe Uncle Toe's Cabin Ben-Hur Gone With the Wind

How to win Friends and Influence People

These differ widely in subject, author, and style. Yet all seven are written in language less complex than the front page of your daily newspaper. The first two are poetry and don't lend themselves to a readability yardstick. The remaining five are within eighth grade reading skills.

This should tell us K-Town 99'ers something!

Next, let's squint at more recent times. According to a best-seller authority, Dr. Benjamin Spock's "Baby and Child Care" was the most widely sold as of 1965. More than nineteen million. Despite dealing with chaplicated problems it maintained eighth grade reading level. (Golly! Do you suppose that Dr. Spock actually anticipated the coming numbers of eighth grade mothers??) Novels with sales between five and ten million follow. Their grade reading levels are shown in parenthesis.

Peyton Place by Grace Metalious (5)

Bod's Little Acre by Erskine Caldwell (6)

Bone With the Wind by Margaret Mitchell (6)

Lady Chatterley's Lover by D. H. Lawrence (6)

The Carpetbaggers by Harold Robbins (5)

Exodus by Leon Uris (6)

I, The Jury by Mickey Spillane (5)

To Kill a Mockingbird by Harper Lee (5)

The Big Kill by Mickey Spillane (5)

The writings of Metalious, Robbins, and Spillane are not admired by literary critics, but their public popularity goes undisputed! And can you believe? They're all at the 5th to 6th grade level. Small wonder that parents used to hide that kind of stuff from their kids!

DEEPER INTO FOG INDEX

The handy TI-97/4A program in our AMNION library to measure Fog Index is defective. I'm trying to improve it. Last month, Kinder Korner-2B made a start. It altered how a "fudge factor" should be applied based on just one writing sample. This month goes further.

I'm not printing the program yet. It's enough to explain that counting the words and sentences is easy and the program does this well. Counting the 'Hard Mords,' those with three of more syllables, is the tough part and that's where the Amnion program goofs. Just possibly I can fix it, but no promises. In the meantime, better to understand subsequent comment, the Gunning equation stripped to the bone is:

FI=((No. of sentences/No. of words)+percentage of Hard Nords)all times 0.4

Last month defended that the "fudge factor" should be applied only to the Hard Word segment of the above equation, and 1.8 from the Amnion program, is the number used.

This month still only a quick fix is attempted merely by increasing the number of writing samples to

four. For each a Fog Index is measured manually according the the Gumming rules. Then, for each, a fudge factor is calculated to make the computer program give the same answer. Finally the four fudge factors are averaged and the computer program is modified accordingly. (I'll tell you right here, up front, that the average is 1.65, applied to the Hard Mord segment only.) Now the writings:

ASCE Mews is a periodical for Civil Engineers, educated to at least grade level 17. I scored 500 characters, expecting a high Index because of many words with three or more syllables. Examples are 'increasing,' 'reliance,' 'computers,' 'commitment,' 'environmental,' 'infrastructre." Manual scoring gave 15.66 and the computer gave only 12.80. To bring manual and computer together needs a 1.2 divisor. Index values mould have been much higher except for the short average sentence lengths. Set the point? Use short sentences.

Excuse me for a minute while I paw into my waste basket. This is the time of year when many colleges drum-up attendance for short summer courses. These make fuller use of otherwise empty college buildings and idle professors. I get invited to at least a dozen each spring. Here's one for a two-day conference in Washington DC on Wetlands Regulations. Tuition is \$950. Travel and subsistence are in addition. I scored the first 500 characters of why the conference would be good for me. Fog Index by computer is 14.92. Manual scoring yields 17.03. Thats not close enough, It would take a 1.39 instead of 1.8 division "Fudge Factor" to bring computer and manual together. Although the Index is high by either scoring, it's written toward college grads so the invitation is written OK. It missed the boat in my case, though, because best for me is not to go. That way I save the \$950 plus travel and subsistence. I save lots of money that way every spring. It all adds up but pays no interest!

A day after typing the preceding sentence three more invitations arrived. By not going I can save \$2910 more. Two of the short courses are on concurrent dates. Thus saving stack-up by not going at the same time. This is like double coupons. All these savings are based on deciding early not to go. Late registration always costs more. Therefore if I wait a month to decide not to go I can save still more. What, Oh what should I do with all these saving?

I inherited some BankAmerica stock from Dad. Just my luck; it's good dividends stopped about four years ago. Now, though dividends are coming back. 500 characters of this happy report scored 11.16 mannually and 11.89 by computer. A 2.17 divider is needed in the Hard Mord department to bring them together. No matter how high the Fog Index would have been I'd have read it over and over 'till I understood the glad tidings! So, maybe, to each his own sometimes.

A more careful analysis of the Reader's Digest squirrel article (see KK-2B) yielded an Index of 9.58 manually and 9.05 by computer. To bring them together would need a 1.89 fudge factor.

This quick, Partial Program Fix -- The average of

the above four fudge factors is 1.65 applied to just the Hard Word segment of the equation. That's how I've changed the program. I'm not one bit proud of this simpleton approach, but it's only temporary until I can contrive something better.

Une Persanent Improvement, For Sure -- A handy addition has made it easier to type in a sample. A unique method of entering characters uses the CALL KEY STATEMENT. The letters appear on the monitor as they are typed but no cursor shows. You can never be sure if you keved in a space after a word. Yet whether or not you did is crucial to accuracy. And you can't back up to find out. If you didn't space you drop a word count or maybe form a Hard Word that isn't there. If you add an unneeded space, just to be sure, you gain a word that isn't there. Much the same is true of sentences. Another thing. As you type you don't know how near you are to the programmed 500 character limit. Reaching that limit takes control and Fog Index gets computed. A bunch of words may get left out; those following the period that ended the previous sentence. Weeeeelllll, I've added to the propram so that it prints at the lower left of the screen the current total number of characters as they are entered, and also the last character that has been entered. This helps.

Yet To Come On Fog Index — I don't understand how the Amnion program counts syllables, but I know it goofs the job. I doubt it I can fix that in my life time and I'm not about to try. Instead I'll count letters in each word and call words with more then 8 letters the hard words. This can be modified to 7 or 9 if either works better. A program is roughed out but not keyed in or tried.

A COGENT COMMENT

Kinder Korner has certainly been beneficial!! I know!! Because it has helped me so, so much. It might even have helped a few others. The real point, though, is that this kind of thing helps the guy who puts is out. Sooooo, how about helping yourself by contribuating something??!! All it takes is pleasant rewarding effort. BB 4/7/90 and a bunch of prior dates.

POTPOURR!

by Bill Sheridan

Continuing the articles by John F. Willforth of the NEST PENN 99'ERS, below is his sixth article on printers. I had trouble getting the first three programs to work on my printer, a Panasonic, but after much experimentation, I came up with a solution (see the last paragraph). There is probably a better way, so if you know of one, please let me know.

PRINTERS #6

The line of graphics on top of this page was created by the program in Example 1, using the graphic command(line 110) CHR\$(27)&*K*&CHR\$(n1)&CHR\$(n2), along with the computer actually doing what a computer is supposed to do, calculate (line 140), to put the dots in a sinusoidal pattern. The main subject here is, however,

the variables n1 and n2 in the graphic command. The CHR\$(27)&"K" set the graphics but the printer must also know how many columns must be reserved for graphics. Standard-density mode (the "K") has 60 dots/inch or 480 dots/8" line. n1 ranges from 0 to 255 columns, while n2 represents/indicates how many of the 256 column blocks must be reserved. n2 acts as a carry everytime n1 counts exceed 255. Example 1 shows 14 cycles of 31 dots per cycle or 434 columns of dots. You can see that if we divide 434 by 256, we get 1 with a remainder of 178. n1 is now 178 and 1 is the n2 value.

Example 1 (top of page)

100 GPEN #1:"PIO.CR"
110 PRINT #1:CHR\$(27)&"K"&CHR\$(178)&CHR\$(1);
120 FOR J=1 TO 14 (31X14=434)
130 FOR 1=0 TO 6 STEP .2 (31 dots)
140 PRINT #1:;CHR\$(2^INT(3.4*(SIN(I)+1)));
130 MEXT I
160 NEXT J

Example 2 is a single 31 column cycle. Because 31 is less then 256, the n values are n1=31 and n2=0. Substitute lines 110 and 120 in the above example.

Example 2

110 PRINT #1:CHR\$(27)&*K*&CHR\$(31)&CHR\$(0); 120 FOR J=1 TO 1

Example 3 is here just to reinforce the pattern. Line 120 must also be changed in these examples so that the number of 31 column cycles match the number of columns of graphics reserved. This is important so the printer will receive instructions to do the printing, otherwise it will just set there (hang). Again substitute lines 110 and 120 in the program in Example 1.

Example 3

110 PRINT #1:CHR\$(27)&"K"&CHR\$(186)&CHR\$(0); 120 FOR J-1 TO 6

The program below has one simple function, and that is to calculate the ni and n2 values from the total column numbers that you decide you need. I am again not a programmer, but wanted this program to be in console BASIC as are all the examples here. Because some of you have wide carriages, the wider line can be calculated here.

100 CALL CLEAR

110 INPUT "NUMBER OG GRAPHIC COLUMNS NEEDED (UP TO

FOR WIDE AND 480 FOR STANDARD): C 120 IF C>767 THEN 180

```
130 IF C>511 THEN 210
140 IF C>255 THEN 240 150 N1=C
160 N2≃0
170 5DTO 270
180 N2=3
190 N1=C-768
200 60TO 270
210 N2=2
220 N1=C-512
230 GOTO 270
240 N2=1
250 N1=C-256
260 SOTO 270
270 PRINT "THE GRAPHIC COMMAND SHOULD BE: "; "N1="; N1;
" AND ";"N2=";N2
280 INPUT "ANOTHER (Y/N)":YN$
290 IF YM$="Y" THEN 100
300 END
```

Using printer articles 44, 45, and 46 as a guide should enable some of you to start writing programs to support graphics. I know you will have problems, calculations, printer types, etc. Don't give up, be as persevering as you can, and you will find enjoyment and satisfaction in mastering the printer. - End of John's article.

K-TOWN MINUTES FOR APRIL 12

The election of officers was just as exciting as the nominations had been at the February meeting. When the fire cooled and the smoke cleared E. H. Smith was President, Bill Sheridan was Vice President, Bob Buehler was Secy-Treas, and Bill Sheridan was Newsletter Editor. These have all had experience, recently.

Ron Hatmaker is officially back in the K-Town 99er fold after digging deep for his last dollar bill. Ron is currently collaborating with Paul Blevins building a ZENO BOARD for insertion into a TI-99/4A console. It can contain XBasic, 32K memory, TI Writer (Funnelmeb), clock, and more. I'm one K-Towner watching from the sidelines toward thus upgrading one of my spare consoles.

E.M. Smith and Bill Sheridan are planning to attend the TI-Fair at time University, Line Ohio on May 26. It will be their second time for this event. Others are invited to go along. Paul Blevins accepted with haste and new member Mike Propst is giving the trip some serious thought.

K-Towner John Bull's Contract Bridge program received recognition in the last two issues of MICROpendium. This last time was a review by Joe Simmons member of both K-Town 99ers and The Athens Computer Club. Joe gave John straight A's. No surprise to me.

John was also in the limelight at the meeting, showing a Texaments demonstration of its "Missing Link" program. Texaments encouraged free distribution of the demo and several took advantage of the offer. Although obviously a commercial it was well done and plain fun to watch. It must be even more fun to learn and use such an

interesting progrsam. Missing Link is available for \$24.95, so says the Demo.

Member attendance was 50% greater than in February. At this rate in 6 more months attendance would increase from the 9 on April 12 to 102.52 on October 11. We could plan a Christmas party for 230.66 on December 13.

In spite of the increased attendance the room was returned to good order for adjourment with 15 minutes to spare.

Bob Buehler, Secy'-Treas.

A Review

Βf

Jimmy Gordon's Church Budget Program

Joe N. Simmons March 24, 1990 PART III

This a delayed continuation of a tutorial on Jimmy Gordon's Budget Program. Part II was in our February 1990 K-town newsletter.

As I have noted reviewing the February article, you will need to refer to the listing which was presented to refer to;so, hunt it up so that we can proceed. Also, you will need to have Irving Browley's Transact file in DSK1. in order to be able to load it when you are running this program. I normally have Jimmie's program with its CN90, and BD90 file loaded up on Irving's Checkbook program.

At line #385 we have the beginning of the 'nitty-gritty' which allows for Jimmy's program to read Irving's in a fashion which is compatible. As you will recall (in PART II) after you entered the category names you could have pressed (4) from the menu to get a print out. If you have printed it (of if you have printed out a budget sheet), you will see that the first category (under expensess) is Minister salary, the second is MinInsurance, the third is Bospel Meetings, the fourth is Vist.Preacher, the fifth is PanaJamaicaMiss, the sixth is World Broadcast, etc. These items in Jimmie's program are 1,2,3,4,5,6,etc. In Irving Crowley's program I have coded these items as B,b,6,i,E,t. In line #385 we have J\$ to represent the category numbers.

The subprogram at line #1210 is a loop program to read Crowley's Transact file. At line (#390) is a little print error program which will print out to your printer any coded item which is not listed in line(#385). It also identify's the value of the TRANSACT record (6) and the value for the month (8). In line(#400) the program identifies the coded value of a record as (A). If A is not 34 which is a contribution the program branches to line (#420); however, if it is a contribution (A=34) then it checks to see if it is identified as 'interest' in which case the program calls A=35. Categroy #35 is Interest. At line (#420) if the record's code does not jive, it prints the error record which I mentioned in line #390; otherwise it accumulates the identified array's sum. At line (#410) the program

accumulates the number of weeks (3B) according to the contribution amount (i.e., if it is greater than \$1600 then it must represents two weeks of contribution; other wise if its greater than \$700 it must represent only one week and if it is less than \$700, it represents no weeks at all).

At line 510 begins the accumulation totals of the subcategories which we at Etowah use to keep tract of each of our Deacons' Area of Responsibilies (i.e. Evangelistic, Teaching, Involvement, Good Morks, and Administration and Grounds). Like line (\$385) one may wish to modify these program lines to fit ones own preferences.

At line (#1010) begins the printing routine. If one wishes to customize the program to fit your own setup, then lines (#1060 to 1084) may need to be changed.

This program working in conjunction with Irving Crowley's Checkbook Program is a time saver for me for it prevents me from having to re-enter the data which I already have recorded. I hope that with these three tutorials, one will be able to 'stumble' through Jimmie's budget program and learn (as I did) that it does a fantastic job. It makes Irving's program a more versatile utility for keeping track of ones finacial obligations wether or not one is a family budget or a good size business.

best wishes.

Joe March 24, 1990

1990 K-TOWN/ATHENS 99/4A USERS GROUP DIRECTORY

BOB BUEHLER 1800 WESTCHESTER DR., KNOXVILLE. TN 37918 HOME PHONE 689-5326 BUSINESS PHONE

JOHN H. BULL 409 BLUE VALLEY LANE , KNOXVILLE, TN 37922 HOME PHONE 694-4750 BUSINESS PHONE

HOWARD FARMER 733 VIRGINIA AVENUE , KNOXVILLE, TN 37921 HOME PHONE 524-8238 BUSINESS PHONE

JACK M. GARRISON 3712 LUCINDA DRIVE, KNOXVILLE. TN 37918 HOME PHONE 687-2726 BUSINESS PHONE

WILLIAM SHERIDAN BOX 398 ROUTE 4, LOUISVILLE, TN 37777 HOME PHONE 970-3647 BUSINESS PHONE

JOE SIMMONS BOX 608 RT. 2, SEVEN CEDARS, ETOWAH, TN 37331 HOME PHONE BUSINESS PHONE

E.M. SMITH 3506 GARDEN DRIVE, KNOXVILLE, TN 37918 HOME PHONE 687-8869 BUSINESS PHONE

LLOYD B. WILSON ROUTE 5 BOX 834, VINEMONT, AL 35179 HOME PHONE BUSINESS PHONE

FULTON H. FOSTER 2504 HIGHLAND N.E., CLEVELAND, TN 37311 HOME PHONE BUSINESS PHONE

JIMMIE GORDON ROUTE 1 KIMBROUGH AVENUE, ETOWAH, TN 37331 HOME FHONE BUSINESS PHONE

PAUL G. BLEVINS P.O. BOX 4, RUGBY, TN 37733 HOME PHONE 1-628-2005 BUSINESS PHONE

TONY NEVES 4657 EAST CIRCLE DRIVE, CLEVELAND, TN 37311 HOME PHONE BUSINESS PHONE

CARL EMGE 8917 CHILDRESS ROAD, POWELL, TN 37849 HOME PHONE BUSINESS PHONE

GOLANDO S. GATHINGS APARTMENT 1 1501 HIGHLAND AVENUE, KNOXVILLE, TN 37916 HOME PHONE 523-1945 BUSINESS PHONE

MICHAEL E. FROPST Route 15 Box 420, Maryville, TN 37801 HOME PHONE 983-8190 BUSINESS PHONE 970-2784

RONALD HATMAKER Rt. 2 RACDON VALLEY ROAD, POWELL, IN 37849 HOME PHONE 945-1197 BUSINESS PHONE

ART GIBSON 439 WEST ROCKWOOD STREET, ROCKWOOD. TN 37854 HOME PHONE 1-354-1931 BUSINESS PHONE

K-TOWN 99/4A USERS GROUP

OFFICERS:

President - E.M. SMITH 687-8869 V.President BILL SHERIDAN 970-3647 Sec/Treas - Bob Buehler 689-5326

COMMITTEE CHAIRS:

Epuipment - E. M. Smith 687-8869 Publicity - John Bull 694-4750

NEWSLETTER EDITOR:

Bill Sheridan 970-3647

Athens Computer Club Rt.#2,80x 608 Etowah, Tennessee,37331

Officers:

President - Joe N. Simmons 263-2963 Sec/Treasurer- Jimmie Gordon 263-9343 Librarian - Larry Nelson /45-0648





DALLAS TI HOME COMPUTER CLUB

P.O. BOX 29863 DALLAS, TX 75229