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VOLUME 4 NUMBER 4

APRIL/MAY 1986

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Next meeting June 7<sup>th</sup>  
At the Hurst Public Library  
9 am

The reviews, evaluations and opinions contained in  
articles in this newsletter are the authors' own  
and do not reflect the views of the NET 99er HCUG.  
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President's Memory Dump

Well I think I am going to make it this month. Time ran out on me last month. Also moving the club meeting date didn't help much. There is much to say in this letter to make up for the newsletter that wasn't. First things first, Charlie Bathman will be showing us the Gran Kracker and what it will do. I hope every one will attend. Along with the good news we have bought another system which we will raffle off. The rules will be the same. It will cost \$5.00 per envelope and you will have to put your name, address, and phone number on the front. This will be separate from the regular raffle. I will inform you of what it has in it as well as the software that came with it. It will be announced at the next meeting. Speaking of meetings, the club has reserved the library for the first saturday of the month for the rest of the year. Also I am looking for someone who can demonstrate Logo II. I know I have never seen one in use.

I would like to thank Gerry Myers and Tom Hall for finding and reproducing the 99/4a tutor on cassette and John Lambert and Tom Hall who made up the questionnaire at the last meeting. These people on there own are trying to help the club and make it better. On that note I am always looking for suggestions to make the meetings, the programs and the library better. Any contributions ever so slight will be appreciated. My goal is to make the meetings informative as well as entertaining, and I hope I can accomplish this. One step we took was to put out a questionnaire in the newsletter. We had a poor turn out. I have been told that the reason for that was that we put it on a back side of the newsletter. Alot of people don't like to rip up their newsletters. so next time around we will put it on a separate sheet. We now have a form in the back of the room that gives you the opportunity to jot down a question that you might have. The question will be brought up at the meeting and I hope we can answer it there. If not there is a place for your name and we will find the answer and get back with you. Please ask even though

you think it may be stupid or trivial. It may help you or someone else. As they say in any sales school. "The only dumb question is the one that wasn't asked."

I would like to make one comment on the newsletter. After looking at some from the other clubs, our newsletter is dull. The reason I said that is that it contains just local things that happened. I hope all our experimenting with this computer has not died. I also know there are some people out there making thier own little projects and finding out some little known secret within. It would be nice to share this with us. I copy a couple papers a month with some new program or a hidden hint. I hope to share this with you but I also hope we can feature our own club members. I am not saying that local things are bad. It helps people who can't make it to the meeting, but I'm sure there are somethings waiting to be discovered in our little wonder box of a computer.

Remember to talk TI. I did and found a closet TI, which will be coming out to run a business. He thought TI was dead. Lets all get the TI's out of the closet and up and running! See you at the meeting and remember TALK TI.

Ken Dominiec

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MINUTES  
NET 99ER HOME COMPUTER USERS GROUP  
April 13, 1986

The NET 99er Home Computer Users Group met Sunday, April 13, 1986 at 2:00 p.m. in the Hurst Public Library, with President Ken Dominiec presiding.

The minutes were approved as printed in the newsletter. Treasurer Jim Stewart reported a balance of \$1,036.12. The report was accepted.

President Dominiec announced that as of March 14, the T.I. repair center was closed. Repair work which can not be done locally must now be sent to Lubbock.

CorComp now has a Home Sentry Card. The modules will turn lights on, off, etc. They also have a compatible X-10 Powerhouse System which does not tie up the computer. Reportedly, it is energy saving, convenient, and easy to use. For more information, contact:

CorComp  
2211-G Winston Road  
Anaheim, CA 92806  
(714) 956-4450

The club's subscription to the newsletter of the National 99er Association is up. After a discussion of whether or not to renew the \$12.00 annual membership, it was decided to postpone any action until the next meeting, giving members an opportunity to look at the newsletters.

Other items mentioned by President Dominiec were:

?? Calc - a spreadsheet program which looks like Multiplan, but is easier to use. It is being offered until June 1, 1986, for \$5.00 which includes disk, mailer, and postage. Contact: PHIL BARNES;

24831 Via San Fernando; Mission Viejo, CA92692.

CorComp is having trouble with its Triple Tech Card. The lithium batteries have exploded, causing damage to the card nearby.

StarText lists a TI Users Group in South Fort Worth. Does it still exist? It was the consensus of the group that it does not.

Bumper stickers will soon be available: TI Booster, I (hart) My TI, and I Eat Apples for Lunch.

A discussion was held concerning name tags. A list was prepared for those wanting to purchase them at \$3.00 each. Bill Duncan proposed that name tags be purchased for officers each year. As this had already been decided last year, no action was taken. A motion to add to new member applications the option of purchasing a pen carried. A motion to get service bars to add to name tags for officers carried.

A buy, sell, swap session was held.

A report from FULTON COOK of the Assembly SIG was read by the president. This SIG meets the second Tuesday of the month at 7:00 p.m. at First Baptist. Call 284-9680.

After a break, PAUL URBANAS, co-author of Parsec, gave a demonstration of how a program is stored. He is currently working on Tools for Programmers, using pop-up menus.

It was announced that Smart Programmer is now being published by Byte Master Computer Services at \$15.00 a year. The address will be in the newsletter.

GARY HIGGS gave a demonstration of the variety of information available on CompuServ.

It was announced that the next meeting would be at 2:00 p.m., Sunday, May 4, in the Hurst Public Library. The meeting adjourned.

Respectfully submitted,  
Lexie Glenn, Secretary

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#### MINUTES

May 4, 1986

An informal meeting was opened by Ken Dominiec, who stated minutes of previous meeting and treasurer's report would be included in next Newsletter to keep meetings shorter and more interesting.

Members were invited to submit written questions they would like answered. If not covered in the meeting, they will be answered by an experienced member later on.

Our president suggested we each contact fellow members we notice have been less active, letting them know they have been missed, trying to renew their active participation.

A "Disk of the Month" was discussed, but not resolved. All agreed Sunday meeting were not favorable. The Hurst Library is reportedly available the first Saturday of each month for the rest of the year, but we can be pre-empted so some alternate meeting sites would be helpful.

A sound system was suggested, which Jim Stewart and Bill Duncan will try to resolve. John Creviston mentioned "Pilgrims Pride", which is a low cost version of the Graham Kracker. Ken Dominiec advised "Creative Filing System" will be purchased so members can copy it from the library. Transliterate printer instructions were discussed. The club Bulletin Board is difficult to access, but full of features once connected. Problems of "crashing" while connected were reported by several members.

Fulton Cook invited everyone to the Assembly Language SIG the 2nd Tuesday of each month at 7:00 p.m. held at The First Baptist Church of Fort Worth at 5001 N.E. Loop 820 (just east of the Haltom City Water Tower). Call Fulton at (817)284-9780 for more program information.

Be sure to attend next month's meeting to hear Charles Bathmans' review of "Graham

Kracker".

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Treasurer's Report  
May 1986

Starting Balance-----: \$1036.12  
Income-----: \$ 214.00  
Expenses-----: \$ 71.08

Income consisted of:  
\$170 for renewals.  
\$15 for new memberships.  
\$29 for raffle donations.

Expenses consisted of:  
\$20 for rent.  
\$24.50 for Newsletter binders.  
\$26.58 for officer nametags.

End Balance for May--: \$1179.04

\*Note: We need to think about some ways to make use of our funds before someone accuses us of being something other than a non profit organization.

\*\*\*\*\*

February 20th, 1986 UNDERSTANDABLE VARIABLES by Jim Stewart

I'm a plodder. I admit it. I read and re-read computer programs...and wonder why the variables keep changing, confusing me as to what they stand for. If this ever happens to you...read on. I'm just beginning to program, but after making the same mistake dozens of times, you start thinking there must be a better way. I never did figure out why they picked on "I", in FOR I=1 TO 10, but I decided to accept it on faith. Suddenly I ran into J loops, and even K loops. Next time try ...For ILOOP=1 TO 10, and on a later line NEXT ILOOP. See? No mystery. In the same way, I use FOR DELAY = 1 TO 750 and on a different line, NEXT DELAY. FOW=12 and COL=4 may take a few more key strokes than R=12 or C=4, but it does simplify things. Dimension statements such as 100 DIM CODE\$(10),GUESS\$(10) work better for me than C(10) or G(10) just as TOTAL=TOTAL + AMOUNT appeals to my simple mind and nature. Most CALL KEY programs I read used (1,KEY,STATUS). I finally got the courage to use CALL KEY(3,KEY,STATUS) which I like better, since upper and lower case letters are both read as upper case. No control characters are used and the Function keys are the familiar ones. If you too are learning how to program, experiment by adding names to line 160, but remember the ILOOP counter must be increased accordingly.

```
100 CALL CLEAR
110 FOR I=1 TO 4
120 PRINT
130 READ LNAME$(I),FNAME$(I)
140 NEXT I
150 PRINT "LINES 120-160 PUT NAMES INTO MEMORY. REST OF LINES PRINT THEM TO THE SCREEN."
160 DATA STEWART,JIM,COLBURN,CHARLIE,GOBER,AL
170 FOR I=1 TO 4
180 PRINT TAB(4),LNAME$(I),FNAME$(I)
190 NEXT I
200 FOR DELAY=1 TO 1500
210 NEXT DELAY
220 PRINT "EXPERIMENT WITH SEQUENCE, PUNCTUATION, TABS IN LINE 180."
```

Changing cassette programs to disk really worried me, because I thought I would "break" something.

```
100 OPEN #10:"CS1",SEQUENTIAL,DISPLAY,OUTPUT,FIXED 128
```

Did I feel brave the first time I tried this out...the only change is between the quote marks.

```
100 OPEN #10:"DSK1.FILENAME",SEQUENTIAL,DISPLAY,OUTPUT,FIXED 128.
```

I'm learning how to handle files. Here is an Extended Basic input using LINPUT that let's you search for the expression between the quote marks.

```
100 OPEN #1:"DSK1.TEXT1",INPUT, FIXED 80,DISPLAY
```

```
110 IF EOF(1)THEN CLOSE #1::STOP
```

```
120 LINPUT #1:A$
```

```
130 I=POS(A$,"THE",1)
```

```
140 IF I<>0 THEN PRINT A$
```

```
150 GOTO 110
```

The mind blowers for me have been sorting and linked lists. "Basic Tips" by AMLIST (an excellent text by Terrance K. Castle) shows this Shell Sort. It works great and I almost understand it.

```
100 CALL CLEAR --- (Clears screen)
```

```
110 DIM NUMBERS(26) --- (Reserves 26 memory spaces)
```

```
120 N=26 --- (Group of numbers set to 26)
```

```
130 CALL CLEAR --- (Clears Screen)
```

```
140 PRINT TAB(5):"SHELL SORT EXAMPLE" --- (Shows title)
```

```
150 PRINT --- (Extra spacing line)
```

```
160 FOR ILOOP=1 TO N --- (Sets up counting loop)
```

```
170 NUMBERS(ILOOP)=INT((100*%RND)+1) --- (Selects 26 random numbs)
```

```
180 PRINT NUMBERS(ILOOP): --- (Prints random numbers to screen)
```

```
190 NEXT ILOOP --- (Recycles counting loop)
```

```
200 CALL SOUND(100,1200,1) --- (Tells you first job is done)
```

```
210 PRINT --- (Extra spacing line)
```

```
220 DIF=INT((N+1.5)/2) --- (Divides list in two)
```

```
230 IF DIF=0 THEN 300 --- (When no difference-List is sorted)
```

```
240 FOR ILOOP=1 TO N-DIF --- (Counter Loop)
```

```
250 FLAG1=ILOOP --- (Counter for outer loop)
```

```
260 FLAG2=FLAG1+DIF --- (Compares numbers)
```

```
270 IF NUMBERS(FLAG1)<NUMBERS(FLAG2)THEN 330 --- (No change outer loop number is larger than inner loop number.)
```

```
280 HOLD=NUMBERS(FLAG1) --- (Puts smaller numbers on temporary hold.)
```

```
290 NUMBERS(FLAG1)=NUMBERS(FLAG2) --- (Switches number from one loop to the other.)
```

```
300 NUMBERS(FLAG2)=HOLD --- (Places inner loop numbers on temporary hold.)
```

```
310 FLAG1=FLAG1-DIF --- (...Beats me!..)
```

```
320 IF FLAG1=0 THEN 20 --- (Tests flag setting)
```

```
330 NEXT ILOOP --- (Increments Loop)
```

```
340 DIF=INT(.5*DIF) --- (Cuts difference in two)
```

```
350 PRINT --- (Another spacing line)
```

```
360 PRINTING..." --- (Informs you work is being done)
```

```
370 GOTO 230 --- (Tests if sort is finished)
```

```
380 CALL SOUND(200,110,1,220,1,333,1) --- (Announces sorting is finished)
```

```
390 GOSUB 410 --- (Begins sub-routine to print the list of numbers)
```

```
400 GOTO 400 --- (Strange...)
```

```
410 FOR R=1 TO N --- (Print control loop)
```

```
420 PRINT NUMBERS(R): --- (Actually prints numbers out)
```

```
430 NEXT R --- (Increments print list)
```

```
440 RETURN --- (End of print gosub)
```

Am I glad I straightened out this whole mess! Hope you enjoyed this fascinating stuff. Charlie Bathman tells new members...our Group is what the members make it. Your membership is welcome, your help is needed, and hopefully, your rewards fulfilling. Share your ideas, efforts and needs by dropping a note to Jeff Gatlin our Newsletter Editor.

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MORE ON MAGAZINES

SMART PROGRAMMER

I called Miller's Graphics (714-399-1431) in early March and asked about the status of "THE SMART PROGRAMMER". I was told they are taking no new subscriptions. But they do intend to honor the four remaining issues they owe current subscribers. For back issues, you will have to copy a friend's issue. Note - their words, not mine.

In the March 24 "TI" on STARTEXT, Richard Roberts had a rumor that "THE SMART PROGRAMMER" and "SUPER 99" would merge. This way subscribers would receive their last (4) issues. Sounds good to me.

On April 13, I received a notice that "SUPER 99" and "THE SMART PROGRAMMER" would merge. That means subscribers of "SM" will receive their last four issues. The new publication will be called "THE SMART PROGRAMMER". It will be published by:

BYTEMASTER COMPUTER SERVICES  
171 MUSTANG STREET  
SULPHUR, LA 70663

With the combined talents of both publications, this should be well worth the \$15.00 annual subscription tag.

MICROpendium

Some how I left this one out last month and it is the best magazine I read. This one has a lot. Software and hardware reviews, and you can tell that they have really used the products. A lot of good advertising including a Classified Section. Freeware listings. Letters to the Editor. Tutorials - Assembly and XBasic. MICROpendium is published monthly in Roundrock, Texas. About 40 to 50 pages each issue. If you decide to subscribe to this one you will want back issues for reference.

HOME COMPUTER

Recently, sent notices to subscribers that they would cease publication. The remaining issues would be honored by "99 JOURNAL" I am not sure about that name. If you have remaining issues on your subscription, and you have not been notified of this change, you should write to them and complain. The address is in your last issue.

THE NATIONAL NINETY-NINER

3535 S. H Street  
Bakersfield, Ca. 93304  
\$12.00

I am not familiar with this one, and neither was the person who gave me the address.

STARTEXT

Besides being a very good Videotext service, there is a lot of good stuff about our 99/4A. There are six regular features, including our Newsletter and the Dallas 99'ers Newsletter. TCHAT and T12 are the excellent contribution of our own Gary Higgs and Robert Wessler. There is a free exchange service for all kinds of peripherals. EX5 is the exchange key for the 99/4A good stuff. You don't have to wait until the next meeting to ask another 99/4A user a question because you can send a letter (E-Mail) and get the reply. If you don't know the mail code, there are indexes that will tell you. There has been a fair selection of programs available for downloading. If you have a modem or if

you are looking for a valid excuse to get one. try STARTEXT. Call 398-7905 and they will tell you how to get started.

#### JUST WHEN YOU THOUGHT YOU HAD EVERYTHING FOR YOU COMPUTER !

AT & T has a compact flat (tone or pulse) phone that is color coordinated with the black and silver console. PANASONIC has one for the beige console.

#### MASTER PIECE

This is a swivel you set under your monitor. It will swivel right or left about 40 degrees. Five outlet plugs in the back with separate switches in the front plus a master switch. Real protection from power surges, spikes and line noise. Static protection, it has a grounded nameplate strip across the front. You can hardly touch a switch without touching the grounding strip. I found mine at the Heath Kit Store in Ridgely.

#### PC PURSUIT

Would you believe Data grade long distance service, via GTE TELNET, for a flat \$25 a month ? Read on !

Some special rules apply: 1. A one time \$25 registration fee.

2. You can't call a BBS with the same Area Code as yours.

3. There is a call back scheme. You call TELNET giving the BBS number, TELNET calls that number, makes the connection, then calls you back at your registered phone number.

4. Obviously, the time required to establish a link is greater than Direct Dial, even though the procedure is automated.

5. For the present, calls can only originate from Atlanta, Boston, Chicago, Dallas, Denver, Houston, Los Angeles, New York, San Francisco, and Washington (DC). GTE plans to expand these points of origination. If you have a Metro line, this would give you access to the Dallas TELNET.

6. I have conflicting information about the hours of availability. One source says unlimited, another says off prime, holidays and week ends.

#### SOME GOOD POINTS

1. Call anywhere in the U.S., except your own area code.

2. Auto-answer is not required, but it is easier if you have it.

3. Cost savings: Unlimited use for \$25 VS 2-4 hours regular long distance for \$25.

4. There is a TELNET BBS for the latest information on PC PURSUIT. The BBS number is 1-800-833-3001.

5. Want to get started ? For registration call 1-800-368-4215.

\*\*\*If anyone has more information on publications please share it with the rest of us. Call me and I'll see that it gets in the Newsletter.

TOM HALL MC 116172

\*\*\*\*\*

SLOWING FAST DM-1000 V3.1

by

LOUIS GUION

(courtesy of John Creviston)

The newest version of DISK MANAGER 1000 (DM1000, Version 3.1), suffers from the previously known defect of having any key which is depressed and held for only a moment running away at breakneck speed and repeating several times before you can get your finger lifted from the key. Fast? Yes!, but a pain in the uh-huh!!! Well, you can fix it anytime you like, and set the repeat action just as fast, or as slow as you want to make it. You must have a single-sectoring program like DISKO or DISK+AID. Copy the file "MGR1" of DM1000 V3.1 to a \*NEWLY INITIALIZED\*, \*BLANK\* diskette. You'll have only the one file, "MGR1" on the new diskette.

Now, load your DISK+AID and either go to SECTOR 36, or have the program search for the HEX string of..... 06 03 16 F9 03 80 00 A0 FF 00 C0 1D The important bytes are #s 142 and 143 which are the ... 00 A0 ...in the string above. 00 A0 is 160, decimal, to you and me and to our 3rd grade teachers. It can be written as 160d for simplicity. You want to change this 160d, or 00 A0 to another value which will slow down the repeat key. The range of acceptable values will fall between 160d to 2000d or hex values 00 A0 to 07D0 change it!

I use a value of 400d, or 0190 to slow mine down considerably. You can use a value between the limits suggested so that it goes at the speed YOU want, and not the lightning error-producing speed envisioned by the author. Use your single-sectoring program to change the 42nd and 43 bytes of sector 36 from 00 A0 to 01 90 if you want to try the 400d speed I use. After making the change, save the altered sector back to disk. Now copy MGR2 from your original disk of DM1000, V3.1, and run the new speed to see if you like it or if you want more or less speed when repeating letters. If it doesn't meet your idea of the proper speed, you now have the knowledge to set any speed you want!!!!

If you are unable, or unwilling, to try these changes on your own...or if you don't have version 3.1, then I have put both of the required files on the pri- vate downloads as !UTIL1 and !UTIL2, in place of MGR1 and MGR2. You can download them and you'll have my 400d version for your use. Remember that UTIL1 and UTIL2 run automatically from option 5 of the Editor/Assembler cart- ridge. Of course, you can re-name them MGR1 and MGR2 (or DUCKSOUP1 and 2, for that matter) if you want to! Happy strolling through DM-1000 Land!!!!

My sincere thanks to Robert Jones for his assistance in teaching me how to do this.  
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Membership information.  
April/May 1986

I would like to welcome new members

PAUL BARTAIN M5/87  
8021 IDNEGAL  
FORT WORTH, TX 76180  
281-8328

DENNIS POOL M4/87  
3824 BEE TREE LN  
FORT WORTH, TX 76133  
294-8276  
763-6148

The following members renewed their membership.

Fulton Cook 3/87  
Clint Joplin 4/87

Gordon Chance 4/87  
Irwin Coleman 4/87



Gordon Winfield 5/87  
John Tergerson 3/87  
Charles Bathman 4/87  
Jim Leshar 4/87  
Bill Duncan 5/87  
Ron Sallabedra 4/87  
David Williams 2/87

Franklin Feet 1/87  
Windell Lexie Glenn 4/87  
Larry Hayes 1/87  
E.B. (Ben) Hurdle 1/87  
Ward Ray 4/87  
Robert Scarborough 2/87

We had one member reinstated.

SMUG-TI U.G. 12/86  
c/o R.CLEMENTS, SINGER-LINK  
KIRKWOOD, DEPT. 444  
BINGHAMPTON NY 13902

We had one member who moved,

The new address is:  
Ron Sallabedra M4/87  
1700 Treehouse Ln  
Plano TX 75023

Unfortunately, we had some members who did not renew their membership.

Dorothy L Crouch  
Joshua Fritz  
Les Long  
Alan J Martin  
David M Petika  
Stewart Reeder  
John B Rizo  
Ga Walts  
Marc F Robinson

Bill Beekman  
Mildred Carr  
D.A. Dougherty  
John J Flowers  
David E Holt  
Joseph N Monterosso  
Jim R Mullens  
Dean Powell  
Jack W Van Hauen

A NOTE TO ALL MEMBERS. Look on your mailing label on your newsletter for the date that your membership is renewable, such as M1/86 is January 1986, M5/86 is May 1986, etc.. The club does not send out reminders on dues because the postage is prohibitive. If you know any of the members who did not renew, please give them a call and see if you can learn the reason. Let your officers know so they can look into the reasons. Your help on this will be greatly appreciated.

John Lambert  
Membership Committee

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### IMPORTANT EXTRAS

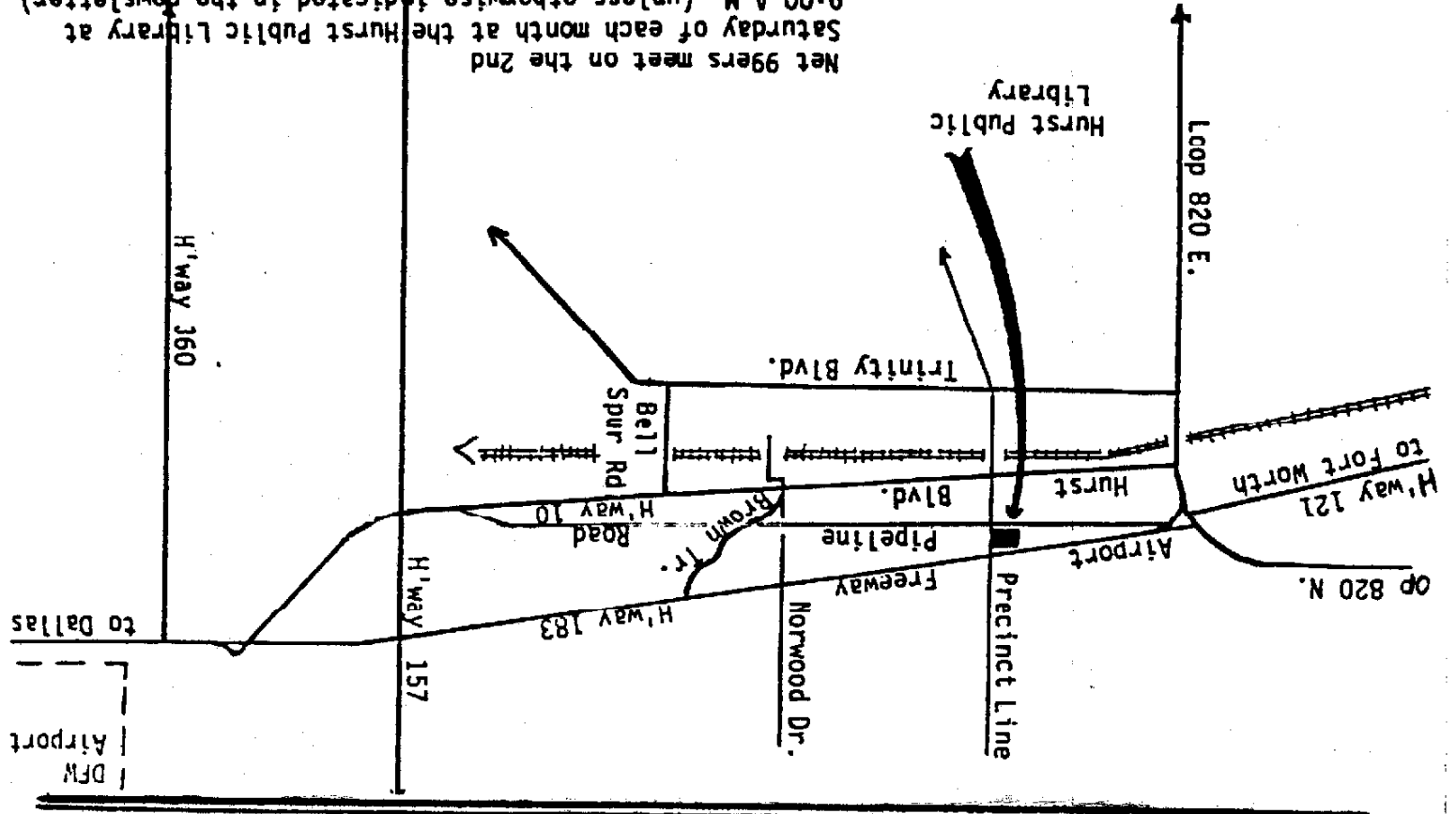
The deadline for submissions for the newsletter is June 16th.  
Marylee Catalano from Yellowrose says she'll have a Gram Kracker ready to be scooped up at the meeting. She'll also have info on the X-10 appliance interface, plus plenty of colored disks & the usual stuff.

Comments or questions about anything? Contact your officers:

PRESIDENT---: Ken Dominiec, 656-1473  
V.PRESIDENT-: Lee DeForest, 237-9746  
SECRETARY---: Lexie Glenn, 232-2852  
TREASURER---: Jim Stewart, 214-370-0922

Got some interesting info to share? Articles, letters, paragraphs, & words of wisdom are yours to contribute. Contact Jeff Gatlin, editor. 214-264-2925. StarText MC6@053

Net 99ers meet on the 2nd Saturday of each month at the Hurst Public Library at 9:00 A.M. (unless otherwise indicated in the newsletter)



NET 99er HCUG  
 P. O. Box 534  
 Hurst, Texas 76053



|                |  |
|----------------|--|
| BULK RATE      |  |
| U.S. POSTAGE   |  |
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| PERMIT NO. 160 |  |

GENE MOUSER M9/86  
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 DALLAS TX 75233