

WEST PENN 99ERS NEWS

Volume 11 Number 8

June 1996

W-O-W-!

WHAT A SHOW!

For those of you who were NOT at the Cleveland TI-99/4A MUG Conference on May 25th, you missed a great show!

What made this show so great, you ask?

Well, AS ALWAYS, it was the PEOPLE.

First, there was an excellent GROUP OF PEOPLE who put on the show.

This was the first time for this GROUP OF PEOPLE and they pulled the show off with flying colors (following the fine tradition set by the LIMA USERS GROUP for so many years).

The next GROUP OF PEOPLE that made a difference were the VENDORS and USER GROUPS which came prepared to sell at excellent prices.

And finally, the last GROUP OF PEOPLE were the attendees.

I don't have to remind you just how SPECIAL the PEOPLE IN THE TI COMMUNITY are when it comes to lending a

helping hand, as most of us have already experienced this help firsthand!

As for myself, my husband said that it was like LETTING A KID LOOSE IN A CANDY STORE!

I had a GREAT time, buying, selling, talking, exchanging experiences, you name it!

Nothing but TI stuff for as far as the eye could see!

For me, it was like Christmas AND my birthday ALL ROLLED INTO ONE!

AND YOU JUST DON'T GET ANY BETTER THAN THAT!

I'd also like to THANK ALL OF THOSE PEOPLE WHO MADE DONATIONS TOWARDS THE CHESWICK CHRISTIAN ACADEMY.

Believe me, this school is MOST APPRECIATIVE and is looking forward to starting the September school year with a TI-99/4A computer in every classroom, from kindergarten to sixth grade, PLUS a COMPUTER LAB of 10 to 12 TI-99/4A computers for ON-HANDS TEACHING.

The other day, my husband and I stopped down at the school and as we walked down the hallway, we could see the TI-99/4A computers

being put to very good use.

So, THANKS EVERYONE, for all the donations that you have made to this school!

One thing that surprised me at the show was that I finally got to meet one of OUR CLUB MEMBERS who has NEVER been able to make it to a meeting.

So, HI to LEW KING! It sure was nice to finally put a face to the name.

And, don't forget...

I'm always happy to receive anything TI for inclusion in our newsletter, so write an article and send it to me, ANYTIME!

My only regret about the Cleveland TI-99/4A MUG Conference is that we have to wait a WHOLE YEAR until the next one!

Hey guys, would you consider hosting another show in the fall?

At any rate, I just wanted to let EVERYONE know that I had a GREAT time at the show.

The success of these shows is especially important as more and more clubs seem to be folding and most of the ones remaining have been

getting smaller and smaller.

We NEED to stick together if we are to continue surviving in an age when IBM stuff keeps getting cheaper and cheaper.

BUT...

If you EVER start to have DOUBTS about our little machine, just load up Early Learning Fun and show it to a little one!

The LOOK in their eyes and the EXCITEMENT in their voices will REMIND you just how much FUN this old machine can still dish out!

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WEST PENN 99'ERS CLUB INFO

Next Meeting Date: June 18, 1996
 Meeting Location: Penns Woods
 Civic Association
 Just off Route 30
 N. Huntingdon, Pa
 Time of Meeting: 7:00 P.M.



GENERAL ITINERARY OF OUR CLUB'S MEETING

6:45 P.M. Doors Open
 7:00 P.M. General Meeting
 7:45 P.M. Demos and New Info
 8:45 P.M. Questions and Answers
 8:45 P.M. One on One Help
 8:45 P.M. Socializing
 10:30 P.M. Doors Close

MEETING HIGHLIGHTS FOR THIS MONTH

Latest T.I. News - Software Discounts - And Show Reports
 Latest News Concerning Our West Penn 99'ers Disk Library
 Report on the Cleveland TI-99/4A Show - Mickey Cendrowski
 Report on the Cleveland TI-99/4A Show - Norm Rokke (maybe)
 Various Public Domain Programs - written by Bruce Harrison

LIST OF WEST PENN OFFICERS FOR 1996

President:	Mickey Cendrowski	412-265-5201
Vice-President:	Norm Rokke	614-264-6442
Treasurer:	Ed Mandich	412-824-5566
Recording Secretary:	Paul Brock	412-478-2754
Corresponding Secretary:	Paul Brock	412-478-2754
Librarian:	John Whelan	412-823-3312
Newsletter Editor:	Mickey Cendrowski	412-265-5201
Assistant Editor:	Mike Cendrowski	412-265-5201

The West Penn 99'ers Users Group is a Non-Profit organization, dedicated to encouraging the continued use of the TI-99/4A home computer.

Our membership fee is:

- * \$15.00 per year for an INDIVIDUAL / FAMILY membership.
- * \$10.00 per year for a NEWSLETTER ONLY membership.

Those having FULL memberships are entitled to the many extra benefits our club has to offer.

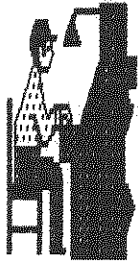
Some of those benefits are:

- * Demos of the latest TI-99/4A software.
- * Free copying of our West Penn 99'ers Disk Library.
- * Latest T.I. news - Local - National - International.
- * One on one help / Problem Solving.
- * Participation in our Module Lending Library.
- * Participation in our Video Lending Library.
- * Ribbon re-inking - for just \$1.00 per ribbon.
- * Various computer supplies - at a substantial savings.
- * Participation in our Coke / Pepsi Wars.
- * And ... entertainment by one of the biggest TI-99/4A supporters around.

We meet the third Tuesday of each month at the Penns Woods Civic Association in North Huntingdon, Pennsylvania, at 7:00 P.M.

If you can't make it to our meetings ... at least become a NEWSLETTER member - and enjoy our NEW NEWSLETTER FORMAT - done ENTIRELY on a TI-99/4A computer.

SEE PAGE 10 FOR OUR WEST PENN MEMBERSHIP APPLICATION.



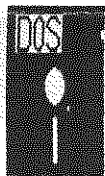
FOR THE RECORD BY PAUL BROCK

MAY MINUTES

The May meeting got off to a fast start around 7:15. The Corresponding Report was given first. There was no reply from our friends in Canada. We talked about getting the information about Bill Gates by the Internet, no one was connected. If there is a member that is connected give our President, Mickey, a call. The reason for not getting our Micropendiums was that they are now going bimonthly.



The P.U.G gave some modules to our library. Norm should have them cataloged and ready for the next meeting. Also some 2,000 disks are going to be added to the disk library. As I noticed some smiles. There were 14 members at the meeting and a few of them were working on autos. This maybe the reason that our Treasurer's Report was so good. Art and Lynn had coffee and pop, but NO DIET PEPSI!



There was some new software from Notung. And Mickey put her 2.1 LOAD MASTER in the library. The Librarian had a puzzled look as he looked over the new boxes of disks. He just keeps smiling. John was kept busy with the copying. Mickey is working on the listing of the library, it will be cataloged and have a print out.

Special thank you cards were made by the students at the Cheswick Christian Academy and passed around for all to see. There were numerous signatures. Many had pictures of the TI computer. It's really nice to see such interest. Mickey went on telling about how all the kids enjoyed the computers. Thanks went out once more to Jim Wiegand for his repairs on the TI's. Thanks also for the work that Jim put into the clubs monitor. John can leave his monitor home. Mickey passed out the WP membership. I used to see a lot of these members at every meeting, I don't remember the last time I saw them. Hurry back - we miss you!



Have a safe and a
Happy 4th

GOING BIMONTHLY

In case you haven't heard: Micropendium is going bimonthly.

That's the word we received by postcard from John Koloen and Laura Burns around April 20th.

"You won't be receiving a copy of Micropendium in April," the card said. "The next issue will be published in May, followed by issues in July, September, November and January.

"This decision has not come easily, but it's being done in the best interest of the TI community. Because of dwindling revenues, we had to choose whether to continue as a monthly for several months or convert to a bimonthly and publish indefinitely."

"Most of the readers who responded to our informal poll mentioned that a larger, bimonthly publication was preferable to other options. We expect each bimonthly edition to contain 42-48 pages. Unfortunately, we can't reduce the subscription price. To do so would eliminate any advantage to becoming a bimonthly."

"Micropendium D-I-S-K subscriptions will be reduced to \$25.00 per year. Those who have already renewed at the existing rate will have

their subscriptions extended. Overseas subscribers to Micropendium disks will see similar extensions.

So, what does all this mean to us here at the West Penn 99'ers...

Simply put, each Micropendium that you purchase will now be costing you \$4.00, instead of \$2.00...

HOWEVER...

Before anyone starts to panic, your COST PER YEAR, remains the same, since you will no longer be receiving your Micropendiums EVERY month, but rather EVERY OTHER month.

Please don't let this change scare you, since technically you won't be paying any more than you all have been paying now.

Remember...

We all got to stick together, cause our NUMBERS seem to keep getting SMALLER AND SMALLER every year!

REMEMBER - A WARM PEPSI IS BETTER THAN 10 COLD COKES

UPDATING THE MEMBERSHIP

The West Penn 99'ers would like to acknowledge the following member for renewing his membership for the 1996 season...

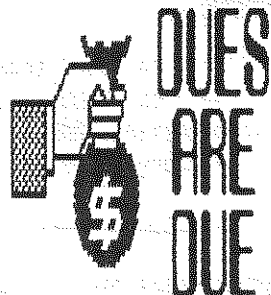
John Maul

This brings our 1996 membership count up to 28 members.

As a "gentle reminder," we still have a handful of people who have yet to renew their memberships for the 1996 season.

Please take the time to check out your mailing label to see if you are one of those members who has yet to renew their membership.

Remember...



Please see Ed Mandich, our West Penn 99'ers Treasurer, to renew your membership.

If you can't make it to our meetings...at least become a NEWSLETTER member - and enjoy our NEW NEWSLETTER FORMAT - done ENTIRELY on a TI-99/4A computer. See page 10 for our application.

TI GRAPEVINE

Just thought that I'd take a little time to tell you all about some of the things that went on "BEHIND THE SCENES" and "AFTER THE SHOW" at the Cleveland TI-99/4A MUG Conference on May 25th.

First, and foremost, I must report on the "DRINK" situation...

By this I am referring to the SODA refreshments that were provided by our hosts at the end of the show (during the Pizza Party).

For some "UNKNOWN" reason, many in the TI community felt compelled to drive me (Mickey Cendrowski) nuts, by drinking - C-O-K-E - !

These culprits include such well-known TI people as: Barry Boone, Gary Bowser, Charlie Good, Bud Mills, Joe Simmons, June Smith, Tim Tesch, Don Waldon and John Van Wheelie (to name just a few).

When approached about their "choice of drink", this is what some of them had to say...

"Although I'm drinking a Coke, I'd rather be drinking a Pepsi." (But, Don, they HAD PEPSI!).

Don Waldon

"Although I'm drinking a Coke, I'd rather be drinking a Coke!"

Tim Tesch

"I was going to have a Coke, but was afraid that Mickey might see me."

Hal Shanafield

When asked if there were any "fines" for drinking Coke, Barry Boone was quick to respond to this question with the following answer:

"Ya, Coke is just fine!"

and...

NOT willing to "take sides," our very own "man of the cloth," Rev. John Bull, chose to drink coffee!

hmm...

On that note, let me end this TI GRAPEVINE column by stating that I had a lot of fun "PICKING" on those Coke drinkers, and they, in turn had a lot of fun "PICKING" on me.

BUT...

The BEST part of all was the "NERVOUSNESS" that many had, DRINKING COKE right in front of me!

Again, all of this was in "FUN" and in the "SPIRIT OF OUR FRIENDSHIPS!"

THANKS, for the "FRIENDLY BATTLE."

Moving on...

Let me just share with you all a list of some of those PUBLIC DOMAIN disks that I brought back home from the Cleveland TI-99/4A MUG Conference.

- Clef Maker
- DrawBJ
- Drawing
- Font Designer
- Instance Editor
- PlotBJ
- Plotter
- TIA Print
- Video Titler
- Word Search
- Additional Word Files

Now, let me be the first to clarify things here...

First, and foremost, Bruce Harrison (the author of ALL of the above programs), was kind enough to donate a copy of all of these programs to the Cheswick Christian Academy, and for his kind generosity, I thank him.

Since Bruce has also released these programs into the PUBLIC DOMAIN, I have taken the liberty to make up copies of each of the above disks for inclusion in our own West Penn 99'ers disk library.

These disks will be available for copying at our next West Penn 99'ers meeting on June 18th.

Should any of you find these programs useful, please take the time to write Bruce personally, and THANK HIM for his efforts.

He has been doing HIS PART in keeping the TI-99/4A computer alive - and a simple THANK YOU for his efforts is not asking for too much.

THANKS BRUCE!

TI USER GROUP SURVIVAL GUIDE AND EDITORIAL

By Gary W. Cox
Mid-South 99'ers

With membership dropping and not so many vendors we need to focus our efforts on keeping the TI community going! Many things can be done by user groups to help promote their group and pay their bills. In this article I hope to point out some of the things that my group (Mid-South 99 Users Group) is doing to keep the TI alive and the group going... Hopefully some of this information will help other groups who are having problems.

1. Newsletter production is one of the major costs for the group. The cost of printing and mailing is often more than what is taken in in dues. Often printing costs can be avoided when someone in the group or a friend has a copier that can be used. At one time our group paid for the paper and someone printed the newsletter for us where they worked. If this method is not available then try checking around for printing costs as many office supply stores provide copying services at reduced prices. Then of course, the newsletter can be scaled down but by all means do not stop printing a newsletter as it is one of the most important items in keeping a group going.

2. Try fund raisers. We had a BBQ dinner where the group made a profit by charging \$5.00 per person and asking for donations above that amount.

3. Try computer auctions. We have had people donate their equipment to the group where we have in turn held an auction at our meeting to sell the equipment and the group receives the profit. Members of the group receive equipment at good prices and the group makes a little money. We have had even PC equipment sold, as often much of the PC equipment is compatible with the TI.

4. Advertise.

A. Become listed with the local library.

B. Many PC Users Groups have a listing in their newsletter of other user groups in the area. Our group is listed with the Memphis PC Users Group in a listing that is printed each month. We have received

quite a few calls and quite a few people donated equipment to the group from someone who saw that listing.

C. Try the local paper, put a small ad in the classified section about the group. Write to local papers and tell them about the users group and that you are non-profit and that you are seeking others to participate in your "classic" computer users group. Often papers will put a little mention about your group in the paper as well as they will often list your meetings in their calendar section.

D. Become listed with The User Group Connection who maintains a list of computer user groups and they will put you on their list for free. Write to them at The User Group Connection, 231 Technology Circle, Scotts Valley, CA 95066, Phone (408) 461-5700, or EMAIL to internet address: UGC@EWorld.COM.

E. Nuts and Volts magazine. This is a computer / electronics / ham radio magazine. Cost is \$19.00 a year (3rd class mail) and includes 1 free 40 word classified ad. I've advertised before in section "50 COMPUTER HARDWARE" and have seen a good response from the ad from people who did not know anyone else with a TI existed! For anyone having a computer fair they should try at least 1 classified ad but at least write to be included in their FREE events listing published each month! When contacting them about an event be sure to include information about LOCATION, HOURS, ADMISSION COST, SPONSOR (user group name), PERSON TO CONTACT FOR MORE INFORMATION, INCLUDING PHONE NUMBER, NUMBER OF PEOPLE EXPECTED TO ATTEND and a copy of a flyer advertising the event if you are writing to them with this information. You might contact them for a sample issue as well if you have never seen this publication before. For more information write to them at Nuts and Volts, T & L Publications, 430 Princeland Court, Corona, CA 91719, Phone (909) 371-3052, (subscription only order line 1-800-783-4624), Compuserve ID: 74262,3664.

5. Do whatever you can to get members to a meeting, we have meetings where all we do is repair equipment which brings people to a meeting. Try as much as possible to get members involved as the more people who become involved the more interested others in the group will become.

Remember we are a community of TI'ers who have to stick together in order to keep the TI alive. Why keep the TI alive? You won't find a more friendlier bunch of people than right here in the TI community!

SPEECH

SIMPLE TO USE, POWERFUL CAPABILITIES

By Don Grim

The availability for speech on the TI computer is remarkable in many ways. The speech has a very clear human tone. The equipment needed for speech is minor consisting of a console, speech synthesizer, and one software cartridge (either TI Extended BASIC, Speech Editor, or Terminal Emulator II). A cassette recorder can store any programs written for speech. The basic routine for speech is as simple as typing a CALL SAY command. The manual for each software cartridge is well written for learning with nice examples to enhance understanding. My first speech program was written as follows:

```
10 CALL CLEAR
20 PRINT "ENTER LETTER (A-M)"
30 CALL KEY(O,KEY,STATUS)
40 IF STATUS=0 THEN 30
50 X=KEY-64
60 ON X GOTO 70,80,90,100,110,120,130,140,150,160,170,180,
190
70 CALL SAY("I AM A COMPUTER")
75 GOTO 10
80 CALL SAY("WHO ARE YOU")
85 GOTO 10
90 CALL SAY("SAY WHAT")
95 GOTO 10
```

The pattern continues down to line 195 with words in each CALL SAY command as follows: DO YOU WANT TO START SOME THING, UH OH, HELLO, GOOD BYE, I DO NOT UNDERSTAND, #WHAT WAS THAT#, #TRY AGAIN#, #THAT IS RIGHT#, #THAT IS INCORRECT#, YOU ARE FINISHED NOW. Those phrases surrounded by a # symbol distinguish them as special phrases from the speech vocabulary.

I used the above program in a telephone conversation authorizing the computer to do all the talking for me by entering a letter from A through M. The program could be expanded with menus and submenus to aid those who are limited (even laryngitis) by their regular human speech. A similar system was written for Stephen Hawking. He is disabled in his speech and wrote the scientific best-seller book titled "A Brief History of Time". Speech routines are helpful in a spelling test program allowing the computer to ask what words to spell. Speech routines in a program permit the blind to use a computer. So, computer speech can help the blind to read with their ears and help the

deaf to talk automatically and independently.

The regular speech routines allow a TI computer to be up and talking in no time. The TI computer is also flexible if you want to specialize speech. You can use special symbols (+, -, ;, : .) to set a pause between 0 and 1 seconds by fractional time increments. You can assign words to variables to save typing repeating words or sets of words. You can use the SPGET command for viewing the internal speech code, storing speech data, and for a slightly more natural sounding speech.

If you want the ultimate in speech flexibility, experiment with the Terminal Emulator II cartridge. It increases the regular vocabulary of 373 words and phrases to any imaginable words. You can also adjust the pitch (highness) and slope (pitch rate) to fine tune the speech even to a realistic whisper. There is an option to adjust for inflection by stressing certain words or syllables so that you can even force the phrase "What time is it" to sound exactly like a question. It will do a good job of interpreting and pronouncing any words but you can use the allophones option to access any kind of original sounds for words with fine distinction (like the difference between skull and pull).

The TI computer speech matches human speech nicely for it abides by the philosophy that it is not always "what you say" but "how you say it". It also possesses a human quality with the word UH OH included in the regular vocabulary.

TI SPEECH NOTES FOR TERMINAL EMULATOR II

By Don Grim

Automatic speech of any imaginable words with just two lines:

```
10 OPEN #1:"SPEECH",OUTPUT
20 PRINT #1:"THANK YOU AND GOD BLESS THE UNITED STATES OF AMERICA"
```

Set pitch (highness 0-63) and slope (pitch rate 0-255):

```
10 OPEN #1,"SPEECH",OUTPUT
```

```
20 PRINT #1:"//50 160"
30 PRINT #1:"SPEAKING AT 5 0 PITCH AND 1 6 0 SLOPE"
```

If pitch and slope are not indicated, the computer will speak at 43 pitch and 128 slope. 0 pitch will produce a whisper. The ideal slope is defined in the manual as: 10 percent of pitch, round it, then multiply by 32.

To avoid garbled speech, stay below following maximum slope (p is pitch): slope is not to exceed: $POS(16 \times POS(32-p)-496)$ (where POS is a positive value)

Example: If pitch equals 50, the slope is not to exceed:

$$POS(16 \times POS(32-50)-496) = POS(16 \times 18-496) = 208$$

Test program for pitch, slope, and phrase:

```
10 OPEN #1:"SPEECH",OUTPUT
20 INPUT "INPUT PITCH":A$
30 INPUT "INPUT SLOPE":B$
40 PRINT #1:"//"&A$&" "&B$
50 INPUT "INPUT PHRASE":C$
60 PRINT #1:C$
70 GOTO 20
```

Inflection symbols can precede words for special stressing of words:

^ to stress primary word (1 per line)
_ to stress secondary words (no limit per line)
> to stress syllable of word

Inflection samples:

```
10 OPEN #1:"SPEECH",OUTPUT
20 PRINT #1:"^SUPER"           primary word emphasis
30 PRINT #1:"^>SUPER"        primary word and syllable
                               emphasis
40 PRINT #1:"WHAT TIME IS IT" statement format
50 PRINT #1:"_WHAT^TIME IS IT" question format
60 PRINT #1:"_WHAT TIME^IS IT" another question format
```

Allophone option to create words right from original sounds:

```
10 OPEN #1:"SPEECH",OUTPUT
20 OPEN #2:"ALPHON",INTERNAL
30 PRINT #1:"I WILL CREATE SKULL."
40 A$=CHR$(120)&CHR$(103)&CHR$(70)
50 PRINT #2:A$
60 PRINT #1:"I WILL CREATE PULL."
70 B$=CHR$(109)&CHR$(71)
80 PRINT #2:B$
```

Program to print allophone codes from a word:

```
10 OPEN #1:"SPEECH",OUTPUT
20 OPEN #2:"ALPHON",INTERNAL
30 INPUT "PHRASE: ":A$
40 PRINT #1:A$
50 INPUT #2:B$
60 PRINT "INTERNAL CODE IS: ";B$
70 PRINT "ALLOPHONE CODES FOR ";A$;" ARE: "
80 L=LEN(B$)
90 FOR I=4 TO L
100 PRINT ASC(SEG$(B$,I,1))
110 NEXT I
120 GOTO 30
```

There are less allophone speech codes needed for a word than speech codes with SPGET. The manual lists character codes for various allophone sounds as well as various stress, pitch, and slope options.

TI SPEECH NOTES FOR EXTENDED BASIC OR SPEECH EDITOR

By Don Grim

Automatic speech with one line:

```
10 CALL SAY("I AM A COMPUTER")
```

Symbol surrounds phrases from vocabulary:

```
10 CALL SAY("I AM A #TEXAS INSTRUMENTS# COMPUTER")
```

The manual lists words and phrases from the regular vocabulary (373 in all). You could include many CALL SAY lines to allow the computer to speak for you.

You can assign speech to a variable, especially for repeated speech:

```
10 A$="PLEASE SPELL "
20 B$="CASSETTE"
30 CALL SAY(A$&B$)
```

WEST PENN 99'ERS SCORES

GAME TITLE	SCORE	JOYSTICK JOCKEY	TI CLUB	DATE
BACKSTEINE	141810	LYNN GARDNER	W/PENN 99	03/94
BIGFOOT	100850	FRANK ZIC	W/PENN 99	11/93
BLASTO	44880	MIKE CENDROWSKI	W/PENN 99	11/94
BURGER BUILDOR	1000000	ELEANOR ZIC	W/PENN 99	03/94
BURGERTIME	82600	MICKEY CENDROWSKI	W/PENN 99	09/85
CENTIPEDE	301930	MICKEY CENDROWSKI	W/PENN 99	01/87
DIG DUG	262460	FRANK ZIC	W/PENN 99	03/94
ENTRAPMENT	3668	FRANK ZIC	W/PENN 99	11/93
HUSTLE	WON 52	ELEANOR ZIC	W/PENN 99	03/94
JUMPY	131900	ELEANOR ZIC	W/PENN 99	03/94
MICRO PINBALL	1776500	NORM ROKKE	W/PENN 99	05/87
MIDNITE MASON	27100	FRANK ZIC	W/PENN 99	11/93
MINEFIELD (A)	0:00:01	NORM ROKKE	W/PENN 99	08/94
(B)	0:00:05	NORM ROKKE	W/PENN 99	08/94
(C)	0:00:12	NORM ROKKE	W/PENN 99	08/94
(D)	0:00:31	NORM ROKKE	W/PENN 99	08/94
(E)	0:00:47	NORM ROKKE	W/PENN 99	08/94
(F)	0:01:27	NORM ROKKE	W/PENN 99	08/94
(G)	0:02:03	NORM ROKKE	W/PENN 99	09/95
(H)	0:02:19	NORM ROKKE	W/PENN 99	09/95
(I)	0:03:14	NORM ROKKE	W/PENN 99	02/96
(J)	0:03:51	NORM ROKKE	W/PENN 99	09/95
MUNCHMAN	202170	PAUL BROCK SR	W/PENN 99	09/87
PACMAN	153000	GARY TAYLOR	W/PENN 99	09/87
PARSEC	47300	MICKEY CENDROWSKI	W/PENN 99	09/87
POLE POSITION	57700	MICKEY CENDROWSKI	W/PENN 99	12/94
TI INVADERS	15930	PAUL BROCK SR	W/PENN 99	09/87
TI TRIS	2208	FRANK ZIC	W/PENN 99	11/93
TOMBSTNE CITY	31850	MIKE CENDROWSKI	W/PENN 99	11/94
TREASURE ISLD	37800	MIKE CENDROWSKI	W/PENN 99	10/94
TRIS (ASGARD)	8393	MICKEY CENDROWSKI	W/PENN 99	12/94

NATIONAL TI GAME SCORES

GAME TITLE	SCORE	JOYSTICK JOCKEY	TI CLUB	DATE
BACKSTEINE	155900	STEVEN JAKABFY	OSHTI UG	09/95
BIGFOOT	290500	DAVID HANDLE	OZARK 99	01/95
BLASTO	44880	MIKE CENDROWSKI	W/PENN 99	11/94
BREAKTHROUGH	1850	RAY FRANTZ	VAST	11/93
BURGER BUILDOR	1000000	ELEANOR ZIC	W/PENN 99	03/94
BURGERTIME	82600	MICKEY CENDROWSKI	W/PENN 99	09/85
CAR WARS	6050	JIM WAYNE	VAST	11/93
CENTIPEDE	301930	MICKEY CENDROWSKI	W/PENN 99	01/87
COLORS	1000000	HARRY HOFFMAN	CLEVELAND	03/95
DIG DUG	262460	FRANK ZIC	W/PENN 99	03/94
ENTRAPMENT	3668	FRANK ZIC	W/PENN 99	11/93
HOPPER	4031826	TOM BEERSMAN	OZARK 99	06/94
HUSTLE	WON 52	ELEANOR ZIC	W/PENN 99	03/94
JAWBREAKER	15025	JIM WAYNE	VAST	11/93
JUMPY	131900	ELEANOR ZIC	W/PENN 99	03/94
MICRO PINBALL	1776500	NORM ROKKE	W/PENN 99	05/87
MIDNITE MASON	27100	FRANK ZIC	W/PENN 99	11/93
MINEFIELD (A)	0:00:01	NORM ROKKE	W/PENN 99	08/94
(B)	0:00:05	NORM ROKKE	W/PENN 99	08/94
(C)	0:00:12	NORM ROKKE	W/PENN 99	08/94
(D)	0:00:31	NORM ROKKE	W/PENN 99	08/94
(E)	0:00:47	NORM ROKKE	W/PENN 99	08/94
(F)	0:01:27	NORM ROKKE	W/PENN 99	08/94
(G)	0:02:03	NORM ROKKE	W/PENN 99	09/95
(H)	0:02:19	NORM ROKKE	W/PENN 99	09/95
(I)	0:03:14	NORM ROKKE	W/PENN 99	02/96
(J)	0:03:51	NORM ROKKE	W/PENN 99	09/95
MOON PATROL	73150	MIKE SEALY	W/PENN 99	03/94
MUNCHMAN	202170	PAUL BROCK SR	W/PENN 99	09/87
PACMAN	153000	GARY TAYLOR	W/PENN 99	09/87
PARSEC	47300	MICKEY CENDROWSKI	W/PENN 99	09/87
PKR SOLITAIRE	3790	JACKIE REMENSKI	VAST	11/93
POLE POSITION	57700	MICKEY CENDROWSKI	W/PENN 99	12/94
SUPER YAHTZEE	615	JACKIE REES	VAST	11/93
THE ATTACK	31800	JIM WAYNE	VAST	11/93
TI INVADERS	15930	PAUL BROCK SR	W/PENN 99	09/87
TI TRIS	2208	FRANK ZIC	W/PENN 99	11/93
TOMBSTNE CITY	154400	DANNY MCGUIRE	OZARK 99	11/94
TRN SOLITAIRE	351	CAROL HOFFMAN	CLEVELAND	03/95
TREASURE ISLD	37800	MIKE CENDROWSKI	W/PENN 99	10/94
TRIS (ASGARD)	8393	MICKEY CENDROWSKI	W/PENN 99	12/94

There are symbols to set fractions of seconds between words:

```
10: CALL SAY("TAKE.TIME")
20: CALL SAY("TAKE..TIME")
30: CALL SAY("TAKE+TIME")
```

+ for 0 seconds , for .3 seconds . for 1 second
 for .1 seconds ; for .5 seconds
 - for .2 seconds : for .8 seconds

Make a new word with +:

```
10: CALL SAY("SOME+ONE")
20: CALL SAY("MIGHT+E")
30: CALL SAY("FOR+GIVE")
```

Spelling test program (could add more words, randomize questions, keep score):

```
10 A$="PLEASE SPELL "
20 B$="#THAT IS RIGHT#"
30 C$="#THAT IS INCORRECT#"
40 D$(1)="CASSETTE"
50 D$(2)="DISKETTE"
60 D$(3)="FOURTEEN"
70 FOR I=1 TO 3
80 CALL SAY(A$&D$(I))
90 INPUT T$
100 IF T$=D$(I) THEN 110 ELSE 130
110 CALL SAY(B$)
120 GOTO 140
130 CALL SAY(C$)
140 PRINT D$(I)
150 NEXT I
160 CALL SAY("YOU ARE FINISHED NOW")
```

CALL SPGET utility (direct strings) gives slightly more natural speech than the CALL SAY utility (word strings). Let's compare:

CALL SPGET example:

```
10 CALL SPGET("YOU",A$)
20 CALL SPGET("ARE",B$)
30 CALL SPGET("FINISHED",C$)
CALL SAY(" ",A$," ",B$," ",C$)
```

CALL SAY example:

```
50: CALL SAY("YOU ARE FINISHED")
```

You can use direct strings and word strings together but only by alternating:

```
10 CALL SPGET("ARE",A$)
20 CALL SPGET("NOW",B$)
30 CALL SAY("YOU",A$,"FINISHED",B$)
```

Display the internal speech code from SPGET to the screen:

```
10 CALL SPGET("HELLO",A$)
20 PRINT A$
```

ASCII numerical code for each character of SPGET direct string:

```
10 DIM A(200)
20 INPUT "INPUT WORD: ";W$
30 CALL SPGET(W$,A$)
40 L=LEN(A$)
50 PRINT "ASCII CODE FOR EACH CHARACTER:"
60 FOR I=1 TO L
70 A(I)=ASC(SEG$(A$,I,1))
80 PRINT A(I);" ";
90 NEXT I
100 INPUT "PRESS A KEY":X$
110 FOR I=1 TO L
120 N$=N$&CHR$(A(I))
130 NEXT I
140 CALL SAY(" ",N$)
150 PRINT N$
```

The last part of the above program is an example of how you could create your own words (especially if you did not have the Terminal Emulator II cartridge).

EDITOR'S NOTE

I wish to thank Don Grim for giving me these speech articles at the TI-99/4A Cleveland MUG Conference on May 25th, and for giving me permission to include them in our own West Penn 99'ers newsletter.

His speech articles couldn't have come at a better time, as the Cheswick Christian Academy is finding the speech capabilities of our TI-99/4A's to be most interesting.

As a matter-of-fact, Don's articles, coupled with the Cheswick Christian Academy's speech enthusiasm, has caused me to take a more in-depth look into different uses in which speech could be utilized.

Already the "WHEELS OF VISION" are turning...now if only I knew how to "STEER". (SMILES - Mickey Cendrowski).

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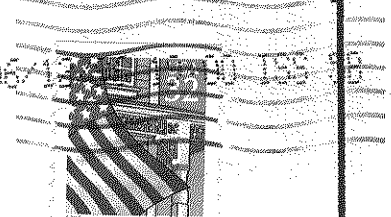
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MEETING

JUNE 18th

7:00 P.M.

WEST PENN 99'ERS
c/o Mickey Cendrowski
100 Pine Street
Russelton, Pa 15076



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