TIC TAC
USERS GROUP
SEATTLE, WASHINGTON
VOLUME 3   NO.6

A NOT-FOR-PROFIT ORGANIZATION DEDICATED
TO USING, LEARNING, AND ENJOYING THE
TEXAS INSTRUMENTS TI-99/4A COMPUTER

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   TIC TAC USERS GROUP
   c/o 812 S 132nd ST  Seattle,   WA,  98168

OFFICERS:
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  Editor         Tom Kennedy   248-2218
  Trustee        Norm Lyle
```

Meetings Held Every Second Tuesday
Of The Month, 7:00 PM, At The
Lake City Community Center
12531 28th NE

ANNUAL DUES - $15.00

(Entitles member to monthly newsletter,
access to library of Public Domain
software, and product discounts.)

2023 note: Many obvious small text errors have been
left. Corrections have been made where the meaning had
been lost by omissions. Only major changes are
marked.

WE MISSED YA LAST MONTH!

   I am glad to report that our "modem meeting" went off
fairly well last month. We had demonstrations of various
modems and the software to run them, and examples of the
DOW service for Tax Investment and Compuserve Information
service. A highlight of the day was the chance to "go
online" with Chuck Wynne of the 99'ers and talk real-time
to him through the computers. Unfortunately, our
discussion was cut short by a power failure! Just goes to
show: Some things you CAN'T do with a computer!
   We all want to thank Norm Lyle and his wife for opening
their home to us.

   It has been reported to me that there may have been an
error in the "SIDEWAYS" program I printed last month. I
tried it myself and couldn't find a problem, but the
formatter may have caused a glitch, so type in the
following lines, in two separate programs, and merge them
into your typed in SIDEWAYS program. Hope this helps!

PROGRAM ONE:
```
130 FOR Z=0 TO 1 STEP -1 :: D$=D$&CHR$(D(Z)):: NEXT Z
160 NEXT Y :: NEXT X :: PRINT #1:CHR$(255)&CHR$(255)::
    CLOSE #1 :: STOP
```

PROGRAM TWO:
```
110 ESC$=CHR$(27):: OPEN #2:"RS232.BA=4800.DA=8.CR"::PRINT
   #2:ESC$&"A"&CHR$(7) ;ESC$;"C";CHR$(0);CHR$(11);
120 FLAG=0 :: INPUT "TEXT FILE: DSK";F$ :: OPEN
   #1:"DSK"&F$
170 FOR X=1 TO 60:: A$(X)=A$(X)&RPT$(" ",80-LEN(A$(X)))::
   NEXT X::FOR X=1 TO 80 :: PRINT #2:ESC$&"K"&CHR$(224)
   &CHR$(1)
200 NEXT Y :: PRINT #2:CHR$(13)&CHR$(10):: NEXT X :: PRINT
   #2:CHR$(12):: IF FLAG=0 THEN 130
```

THE RISE AND FALL OF H.C.M.

REPRINTED FROM THE "VAST 99" NEWSLETTER JUNE 7,1986

HOME COMPUTING JOURNAL
    EDITORIAL

June 4,1986- -The long awaited first issue of Home
Computing Journal has arrived this date.
.
   At first glance at this volume of HCJ I'm not impressed.
It is 32 pages long and has an accompanying disk. If you
take that 32 pages and divide it between 5 different computer
types, what you get is about 6 pages devoted to each
computer.
   All the programs are on the disk and none are "listed" in
the Journal.
   The subscription rate is quite high at $75 a year (or $25
per issue). A number of bargains are in effect until June
30, 1986. A 2 volume mini subscription is $35 (regular S45)
and a year (4 volumes) is $60 (ONLY!). These are bargains?
As I had mentioned in a previous issue of the newsletter, if
you had any subscription left to Home Compuer Magazine, the
VALUE would be fulfilled with Home Computing Journal. Well,
it was real convenient for them. If you had 1 year left on
your old HCM subscription (I did), this first issue is your
last issue. What a VALUE! Believe ne, this is my last issue.
  With other publications, like MICROpendium and Super 99
Monthly, still supporting the TI 99/4a exclusively, it looks
to me like the better value would be to subscribe to BOTH of
these and end up getting more for your money (you get 12
issues a year delivered monthly) and paying less total (about
$45 a year for both).
   Let me mention just one other thing. Barry Travers has an
all-on-disk publication called The Genial Traveler Diskazine.
The current subscription rate is about $30 a year for 6
issues. (1 every other month). I understand the disk is
always full and you cou1dn't get another thing on it if you
tried! I also understand there have been a number o€ freebies
(extras) thrown in, too. This, also, is a better value than
HCJ. If you would like more information about The Genial
Traveler, contact Barry at 835 Green Valley Drive,
Philadelphia, PA 19129. The phone number is 215-483-1379
   You know what this could be is HCJ's way of fu1filling all
current subscriptions and then getting out of town!

Editorial by   Jim Ely

(Ed Note: I have been a subscriber to the above mentioned
"Disk-A-Zine", and I'm FULLY impressed! I will demonstrate
this kind of format at a future meeting.)

IF ANY OF YOU HAVE BEEN UPSET OVER Home Computer Magazine's
RECENT BAILOUT, YOU ARE NOT ALONE. THE FOLLOWING LETTER HAS
BEEN SENT TO MR. KAPLAN BY JEFF GUIDE, A TI DEALER ONLINE
ON CompuServe:
===============
Emerald Valley Publishing Company
Home Computer Magazine
Gary Kaplan, Publisher
P.O. Box 70288,
Eugene, Oregon 97401

Dear Mr. Kaplan

   I am very concerned by the turn of events involving Home
Computer Magazine (HCM) and Home Computer Journal (HCJ).
   I am informing you of the concerns, many of the former
subscribers of Home Computer Magazine have, that are
currently members o# the TIFORUM Sig on the CompuServe
Information Service.
   My company, TeleData*Guide, and the members of TIFORUM
were subscribers to your magazine. I personally, and the
others, requested refunds on their unfilled subscriptions
while others have not heard from you at all. Many,
including myself, have contacted you in the past, but to no
avail.
   This is to inform you that I am seriously considering,
and will not hesitate, to pursue this matter through any
legal means available to me. Many do not appreciate
receiving one disk of Home Computer Journal in exchange for
their subscriptions. Your keenly worded letter informing us
of the demise of HCM took many of the unsuspecting by
surprise. You did not even offer a refund of the
subscription nor any other option. Some serious ethical
questions are involved, and will be looked at by many.
   I am personally demanding a refund of my unfil1ed portion
of the subscription. I will also provide you with the names and
and addresses of the other persons, upon your contacting me
with the name and address of your personal representative
that will handle this matter.
   I am expecting a quick resolution of this matter. You or
your representative is to contact me within twenty-one (21)
days of receipt of this Certified Letter.
   This is a very serious matter that is not being taken
lightly by myself or the others involved. We will protect
our interests!
   For the record, my subscription number is V06N10 H11207961

Sincerely,   Jeffrey Guide
         President, TeleDataGuide

HIDDEN SECRETS of THE PRK MODULE
UPLOADED TO COMPUSERVE AS AN ARTICLE OF GENERAL INTEREST TO
PROGRAMMERS BY ART BYERS 73157,3017

HIDDEN COHHANDS IN PERSONAL RECORDKEEPING by Newt Armstrong

   The T199/4A is an enigma! Many of its capabilities are
only alluded to or hidden. Take the Personal Record
Keeping (PRK) module, for example. Did you know that you can
call seven PRK subprograms from TI Basic if you have the
module installed? Five o{ these allow you to create and
access PRK formatted files and the other two have the
versatility of the ACCEPT AT and DISPLAY AT Extended Basic
statements.
   Now you say, what earthly good does it do to put data
from a Basic Program into PRK format? Well, it allows you to
massage your data with PRK, Statistics, and the Personal
Report Generator modules. Best of all, to save your data on tape
in 'program' format. How do you do it? Follow along
   PRK subproqrams are names PREP, HEADER, GETPUT, LOAD,
SAVE, ACCEPT, and DISPLAY. PREP is used to partition the
Video Display Processor (VDP) RAM to provide a dedicated area
for working on the PRK formatted file. HEADER is used to
define the file Structure and to retrieve housekeeping data
for working on the fi1e. GETPUT is used to transfer data
between the file and the basic program. LOAD and SAVE are
used to retrieve and store files in external storage devices.
ACCEPT and DISPLAY accept data from thu key board and display
it on the screen.

PREP: PREP is the subproqram invoked to partition VDP
RAM for the work area. Format for the statement is:
CALL P(byte) -- where byte is the number of bytes being
reserved. The sequence is*:
 Main Title Screen
 Press Any Key
 Master Selection List
 Press 1 {or TI Basic
 Invoke CALL P(bytes) (enter)
 (Disregard the next command if disk is not connected)
 Invoke CALL FILES(number) (ENTER)
 Invoke NEW
   The partition will remain in place until cancelled with
BYE or the QUIT command. Size of the work are effects the
amount of VDP RAM available for the Basic program, as does
buffer space. The CALL FILES(n) command reserves disk
buffers; three are reserved automatically if the disk
controller is connected to the console with power on. Each
disk buffer uses about 520 bytes fo RAM. An interesting
exercise is to check memory available both before and after
partitioning, and with one or more FILES called. You can use
the following routine:
1 A=A+B
2 GOSUB 1
>RUN
When response is MEMORY FULL IN 1
   Invoke PRINT A   page 6

================
    Notice that preparation is in the Conmande Mode and
starts from console power on, essentially. If it is
attempted with any Basic commands in VDP RAM an ILLEGAL CALL
error will occur.
    After the NEW command is invoked, the computer is ready
o run a Basic program. A PRK format file can be loaded into
the work area from a storage device - or one can be
originated or manipulated with data from a Basic progrnn.

HEADER: Header is the subprogram invoked to define the
file structure and to transfer housekeeping data between the
file and the Basic program. The header is page 0 of the PRK
format iile. the format statement is:

CALL H(n1,n2,n3,V($)) where nl is the read/write code
(1/0 respectively); n2 is the data code (1-14, see follwing
list); n3 is the item number; and V($) is the data variable

CODE DATA   TYPE
1   file name   0-9 characters
2   day   integer (1-31)
3   month   integer (1-12)
4   year   integer (0-99)
5   Number of items per page (updated by routine)
6   Number of pages (maintained by routine)
7   Header length in bytes (maintained by routine)
8   Page length in bytes   (maintained by routine)
9   Item name   0-9 characters
10   Item type:
      1=Characters
      2=Integers
      3=Decimal
      4=Scientific notation
11   Item width: (Data window):
      1-15 for Characters
      1-10 for Integers
      2-11 for Decimals
      8-13 for Scientific
      (maintained by routine)
12   Item decimal places:
       0 for characters
       1 to width-1 for decimal
       0 to 5 for Scientific Notation
13   Item storage (bytes)
       (maintained by routine)
14   Item position in page
       (maintained by routine)

Note that n3, the item number, is ignored for codes 1
thru 8 but must be included in the CALL STATEMENT as a space
maintainer. Codes 9 thru 14 are repeated for each defined
item.

page 7

As you can see there quite a bit of information to be
included in Uwe header. I think that it is easier to define
file structure within the PRK program (I call it a Key File),
and then enter and manipulate data from a Basic program.
Also, with data form codes 6, 7, and B, you can determine the
size of your file, and you will know how large a work area to
allocate. PRK files are saved in 256-byte "chunks", So, the
actual file length will be rounded to the next 256 multiple.
TI, in the PRK manual, sugests a 2% overhead.

NOTE: If you exceed this safety margin and get the FULL MEMORY
warning it's too late! ALL IS LOST! Beware of this pitfall.

GETPUT: Getput is the subprogram invoked to transfer
data between the file and the Basic program. Formats for the
statement are:
CALL G(n1,n2,n3,V($)) or   CALL G(n1,n2,n3,n4,V($))
Where nl is the read/write (0=write 1=read, and 2=no data)
n2 is the page number;
n3 is the item number;
n4 is the return code (used in the read statement only):
0=data found, 1=data missing;
and V($} is the data variable.
Some what ifs, must do's and don'ts about the statement contents fo11ows.

PAGES: results are unpredictable for attempts to read from
undefined, zero, or negative numbered pages. Pages should be
created sequentially so numbers are not skipped. A page
number ln a write statement higher than any previously used
will be the new highest page number stored in the Header. An
error will result from attempts to read a page numbered
higher than the highest stored.

ITEMS: Items are defined with the Header write statements and
are the sane in all pages. Results are unpredictable for
attempts to read from zero or negative numbered items. An
error will result from attempts to read an item numbered
higher than the highest defined.

VARIABLE: The Variable must match data type (v for numeric,
v$ for string) and item definition. when v is an expression,
the evaluation will be written, and the evaluation must fit
th item definition. e.g. An expression that results in a
number with three decimal places will not fit an item defined
for two decimal places. Nor will and integer with four
numbers of more (1000 up) fit an item defined to have a width
of five with two decimal places.

LOAD: Load is the subprogram invoked to load a data fi1e into
the work area reserved by the PREP call. Format for the
statement is: CALL L(F$,n) where F$ is the file name("CS1",
DSK1.____", etc) and n is a return variable. A return of 0
indicates an error occurred. Any other number indicates that
the load was successful. Failures will be caused by a Call
to a non-existant device or file, by general I/O errors, or
by too small or no work space allocated.   page 8

SAVE: Save is the subprogram invoked to save a data file from
the work area reserved by the PREP call. Format for the
statement is the same as CALL L(F$,n)

ACCEPT: Accept is the subprogram invoked to receive data from
the keyboard and to echo that data at a certain screen
location. Formats for the statement are:

CALL A(n1,n2,n3,n4,v($)) or CALL A(n1,n2,n3,n4,n5) *
or CALL A(n1,n2,n3,n4,n5,n6)
where n1 and n2 are row/column respectively.
n3 its item width (data window);
n4 is a return code (more about that later);
v($) is the item number when it is the last numeric
in the expression; or n5 is the low value
of a low/high range with n6 the high value.
* see note at end

As mentioned before, this statement it similar to ACCEPT AT
in extended Basic. Data typed on the keyboard is accepted
into the variable v (for numeric) or v$ (for string) and is
echoed on the screen starting at location n1(row),
n2(column). Length of the input is governed by the value of
n3 (data window) or the end of the row, which ever comes
first. The n4 return code allows processing of null entries
an also for use of the function keys.

Values returned for the various circumstances are listed below:
CODE MEANING
1   Valid data entered
2   Empty (null) string
3   AID (F7) pressed
4   REDO (F8) ressed
5   PROC'D (F6) pressed
6   BEGIN (F5) pressed
7   BACK (F9) pressed
when n5 is used alone, as the item number, the input will be
checked for validity against characteristics stored in the
Header for that item. Invalid data (wrong type, too many
decimal places, etc) will be greeted with the BEEP that we
all recognize and will be rejected.
Using n5 in conjunction wih n6 sets a range of valid data.
Inputs outsxde oi that range will be rejected.

DISPLAY: Display is the subprogram invoked to write at a
certain screen location. Formats for the statement are:
CALL D(n1,n2,n3,v($)) or CALL D(n1,n2,n3,v)
  or CALL D(n1,n2,n3,n4,n5,etc.)
where n1 and n2 are row/column locations, respectively;
n3 is item width (data window);
and v($) [or v] is the data variable.
Multiple displays can be made with one call listing
several screen locations, data windows, and data variables
in sequence.
   Length of this call is limited by he length of a Basic
statement. Positive valued data windows causes screeen area
clearing before data is displayed; Negative valued windows
leave area uncleared. As with the accept call, data that
extends beyond the end of the row will be chopped.

```
[* 2023 correction: The above format for CALL A is incorrect.
The format should be:
CALL A(row,col,width,test,data)
CALL A(row,col,width,test,data,min,max)
CALL A(row,col,width,test,data$)
CALL A(row,col,width,test,data,fieldnum)
Row = 1 to 24, Column=1 to 28; width=1 to 28
Parameter "fieldnum" is only available when there is a
completely defined file header, when CALL A can check the
input against the defined field characteristics.]
=====
```

EXAMPLES: Two sample programs are listed below. Prior to
using them, you will have to prepare a Header page (Key
file). Just go into the PRK module and define a file
structure for six items- Last name, First name, Address,
City, State, Zipcode. Save this information under some file
name. Next invoke CALL P(2000) as outlined above, and after
the NEW statment, invoke CALL L to load your key file. Then
run either the Read or write program below, and happy
computing.

READ PROGRAM
```
10 REM READPRK /
20 CALL CLEAR
30 CALL SCREEN(13)
40 CALL D(7,10,2,"1n",9,10,2,"Ln",ll,10,2,"ad",13,10,2,"ct",
15,10,2,"st",17,10,2,"zp")
50 CALL H(1,6,0,RE)
60 CALL H(1,5,0,FL)
70 FOR R=1 TO RE.
80 FOR F=1 TO FL
90 CALL G(1,R,F,MD,D$)
100 CALL D(5+2*F,MD,D$)
110 NEXT F
120 CALL KEY(0,K,S)
130 IF S<>1 THEN 120
140 NEXT R
150 STOP
```

WRITE PROGRAM
```
10 REM SMPLPRKH/
20 CALL CLEAR
30 CALL H(1,6,0,R)
40 CALL H(1,5,0,FL)
50 R=R+1
60 CALL CLEAR
70 CALL D(7,10,2,"1n",9,10,2,"Ln",11,10,2,"ad",13,10,2,
"ct",15,10,2,"st",17,10,2,"zp")
80 FOR F=1 TO FL-1
90 CaLL H(1,11,F,Fw)
100 CALL A(5+2*F,10,FW,FR,D$)
110 CALL G(0,R,F,D4)
120 NEXT F
130 CALL KEY(0,K,S)
140 IF S<>1 THEN 130
150 IF K=13 THEN 50
160 STOP
```

Refer to page 76, The Best of 99'er, Copyright 1983,
Emeraid Valley Publishing Co   page 20

I am indebted to my brother Al of the Southwestern 99ers
in Tuscon and to Jim Swedlow of the ROM staff for information
about these subprograms, and to David Hough, also of the ROM
staff for some sample programs he 'just' happened to have in
his library
==
  A WALK THRU THE LOBBY OF CompuServe

THE FOLLOWING IS A "TOUR" OF THE CompuServe Information
Service, DESCRIBING THE FIRST TWELVE SELECTIONS FROM THE
"TOP" MENU. I INCLUDE IT AS AN ADDENDUM TO THE PRESENTATION
AT LAST MONTHS MEETING.

CompuServe   TOP

1 Subscriber Assistance
2 Find a Topic
3 Communications/Bulletin Bds
4 News/Weather/Sports
5 Travel
6 The Electronic MALL/Shopping
7 Money Matters/Markets
8 Entertainment/Games
9 Home/Health/Family
10 Reference/Education
11 Computers/Technology
12 Business/Other Interests

CompuServe   TOUR

The CompuServe Guided Tour takes you on an quick trip
through the service giving you an overview of what's
available in each of the top menu categories. After each
section you have the option of continuing on the tour or
learning more about that section.

Some of the features available to you on the tour include:

EasyP1ex Electronic Mail
CB Simulator
The Electronic MALL
TRAVELSHOPPER Airline Reservations
Grolier's Academic American Encyclopedia
Games Entertainment
And many more!!

INSTRUCTIONS/USER INFORMATION leads you to an assortment
of helpful articles and programs, from this Guided Tour to
information on billing, changing your password, and a
directory of subscribers. This area also includes Online
Today's Electronic Edition, a daily report of events
elsewhere on the service, as well as news for the world of
computers. GO HELP takes you directly to this area.

FIND A TOPIC takes you to an index of features found on
the service where you can search for features relating to
specific subjects, The FIND command also provides this same
capacity at most ! prompts. Enter GO INDEX to access this
area.

COMMUNICATIONS/BULLETIN BOARDS contains the EasyPlex
Electronin Mail service, a "real-time" CB Simulator, the
National Bulletin Board, many discussion forums, clubs and
special interest groups, and a FEEDBACK feature that lets you
leave messages for Customer Service. GO COMMUNICATE takes
you to this section. _ ` '

NEWS/WEATHER/SPORTS is the area for reports from wire
services, major newspapers, and newsletters from various
sources. Included are USA TODAY's Update, The Washington
Post, The Associated Press Videotex, and Hollywood Hotline.
The Executive News Service is a special feature providing an
electronic "clipping" service for stories of interest to you
from the AP national and state news wires. Local weather
reports are available for most National Weather Service
stations. GO NEWS to access this area.

The TRAVEL AND LEISURE area caters to people on the move.
It contains special features such as Travelshopper (tm) and
the Official Airline Guides Electronic Edition, both of which
provide airline schedules, seat availability and
reservations, and an assortment of other services. You can
choose your hotel in A-Z/ABC Hotel Guide, choose a vacation
package from American Express (R) ADVANCE, or Search through
information on local attractions for many destinations plus
other business and leisure travel services. You may visit
either of two forums and "Make a Friend" at your destination.
TRAVEL is the Quick Reference word.

The ELECTRONIC MALL is CompuServe's exclusive shopping
service where you can browse through dozens of stores and
categories and place orders online for goods that will be
delivered to your home and charged to a major credit card
  Also available is the CompuServe software exchange where
software can be purchased and delivered electronically to
your personal computer. A discount shopping service "for
members only" is also available. GO SHOP to satisfy your
shopping needs.

MONEY MATTERS MARKETS is the financial area of the
service. It includes stock market quotes and information, as
well as banking and brokerage services, tax and insurance
information, corporate reports, warnings and economic
projections, business news and discussion forums. GO MONEY
to access these financial services.

ENTERTAINMENT/GAMES is the gateway to our extensive
selection of online games
   Often games allow you to compete against the computer or
simply exercise your intellect. Many of the games are
multi-player, this means that multiple people all around the
country can play the game with each other at the some time.
   This is much more fun than playing against a computer!

There are also game reviews and discussion forums for game
enthusiasts. TV, films, music and other leisure time
activities are also covered in this area. If you are into
humor and wit there are services for you as well. GO GAME
will take you directly to this area.

HOME/HEALTH/FAMILY offers a wide range of services, from
cooking and health topics to persona! finance and home
banking. There are health and fitness forums, the Electronic
Gourmet, and features on hobbies, the arts, music and
literature. You can also access the Electronic MALL from
this section for your shopping convenience. The GO command
followed by any of these Quick Reference Words, HOME, HEALTH,
or FAMILY, will take you to this section.

REFERENCE/EDUCATION leads you to electronic re¥erence
materials- such as encyclopedias and government publications.
It also takes you to educational services for teachers,
parents and students, as well as special features relating to
special education and handicapped issues. Grolier's Academxc
American, U.S. Government publications, demoqraphic
infomation, and Information on Demand, A service that will
research specific topics for you, are just a few of the
services available.

COMPUTERS/TECHNOLOGY is home for a number of discussion
forums about specific kinds of computers and software. It
also contains a research and reference section and directions
for using your own Personal File Area on CompuServe.
Entering GO COMPUTERS or GO TECHNOLOGY will take you directly
to this area.

BUSINESS/OTHER INTERESTS is for our devoted corporate
executives and other professions, such as law, health,
aviation, engineering, and data processing. Newsletters,
periodicals, discussion forums, and a variety of
informational features are available for these professions
Quick Reference Words to access this area are BUSINESS,
PROFESSIONS, and INTERESTS.

A NEW KID ON THE BLOCK

MYARC GENE'VE 9640 FAMILY COMPUTER

The following are the capabilities of the new Gene've
computer as written in the Myarc literature.

99/4(A) compatible. Runs over 100 existing TI
cartridge programs.
99/4(A) compatible. Runs over 95% of all assembly
language programs utilities.
Basic 3.0
TI-writer, Now a full 80 columns
MultiPlan, Also 80 columns
Faster, at least 2-3 times
Larger, Standard 640K RAM, 2 Megabytes
addressable RAM, Myarc memory card compatible
with Myarc 512K card, supplies 1.1 Megabytes
RAM.
IBM Type keyboard included
Phone type cable, replaces old Hex Bus Cable
Mouse Support
Separated Function keys
Incredible graphics capabilities
Composite video output
RGB Output
40 column display
80 column display
Joystick port
Compatible; with existing peripheral cards: Disk
controllers, Myarc, TI, Corcomp. RS232 Cards,
Myarc, TI, Corcomp. Myarc memory expansion cards
add directly to RAM (modification required)
Two megabytes addressable memory
128k VDP RAM Memory
True hardware utilities, Sprites, Fills, Lines,
Data Moves.
TI 9995 Processor Chip - 12 MHz:
256 Bytes ULTRA High Speed on Chip RAM
Pre-fetch on instructions
Post-store on instructions
Sound compatible and expandable
Speech included

GENE'VE may be ordered through Disk Only Software by the
following methods:
Go to our electronic order form on Page TDG-44
Send to P.O. Box 4170, Rockville, Md. 20050

For more information call 800-446-4462 + 897335 at the
tone. In the Washington D.C. Metro area Call
301~369-1339. Our Compuserve ID # is 70007,1635

EDITOR'S CORNER

Next month, Al will demo the new X-10 Home Controller
system for the TI. This is a device which allows you to
use your Home Computer to control any electric device in
your home. Turn lights on/off, the TV set, the Porch
light, etc.
Also, Tom Kennedy will demonstrate a new feature in the
telecommunications world, that of RLE qraphxcs. This is a
"portable" graphics file that any computer can read in
and interpret to display ANY picture on your screen. Send
photos to your "online" friends, or pictures you've
created yourself with a drawing program. Come see
the amazing images!

If you haven't heard yet, the Seatle TI convention is
well underway, and one of tha features will be a special
room set aside for the many Users Groups participating to
get together to chat and share info. We have sent our
reservation fee in, so look for more info to follow.
Soon, Barb Hiederhold will be distributing
pre-registration packets to the U.G.'s to pass on to
their members.
Remember! keep the last weekend in September open, this
is going to be great!

In next months Newsletter, I have been promised a
comprehensive listing from our Librarian of the various
programs/software packages available. You can also
contact Jim at any time if you are looking for a
particular (Non/copyrighted) program.

Also, in a follow up to the "Hidden Secrets of PRK"
article in this issue, I will have a program listinq,
created using these techniques, showing how to print
mailing labels from a PRK file
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Tom Kennedy   STAMP
812 S 132nd
Seattle WA 98168

        TO:

NOTE: CHECK DATE ON LABEL
      IF HIGHLIGHTED IN RED
      DUES ARE LATE