Pomona Valley 99ers

TEXAS INSTRUMENTS TI-99/4A HOME COMPUTER

NEXT GENERAL MEETING
NOVEMBER 9   7:00 PM
PFF - CENTRAL & MORENO

GROUP OFFICERS

PRESIDENT:	BOB WEBB	(818)	447-9965
VICE PRESIDENT:	DEE TURNER	(714)	881-8879
SECRETARY:	GLORIA ANDERS	(714)	626-6231
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MEMBERSHIP -- $15.00 ANNUALLY.   NEWSLETTER ONLY -- $12.00

Board Meeting will be held at
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CENTRAL & I-60

MEMBERS   *WELCOME*

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PUBLICATION NOTICE

Extended Basic LOW MEMORY EXPANSION after CALL INIT

>2000	8192	>205A - XML link to name link routine pointer
>2002	8194	>24FA - First Free address in low mem-exp.
>2004	8196	>4000 - Last Free address in low mem-exp.
>2006	8198	>AA55 - Constant that indicates CALL INIT has been executed.
>2008		**UTILITY VECTOR TABLE (ie: BLWP @KSCAN)**
>2008	8200	>2038 - Utility workspace pointer for BLWP @NUMASG
>200A	8202	>2096 - **NUMASG** Utility starting address.
>200C	8204	>2038 - Utility workspace pointer for BLWP @NUMREF
>200E	8206	>217E - **NUMREF** Utility starting address.
>2010	8208	>2038 - Utility workspace pointer for BLWP @STRASG
>2012	8210	>21E2 - **STRASG** Utility starting address.
>2014	8212	>2038 - Utility workspace pointer for BLWP @STRREF
>2016	8214	>234C - **STRREF** Utility starting address.
>2018	8216	>2038 - Utility workspace pointer for BLWP @XMLLNK
>201A	8218	>2432 - **XMLLNK** Utility starting address.
>201C	8220	>2038 - Utility workspace pointer for BLWP @KSCAN
>201E	8222	>246E - **KSCAN** Utility starting address.
>2020	8224	>2038 - Utility workspace pointer for BLWP @VSBW
>2022	8226	>2484 - **VSBW** Utility starting address.
>2024	8228	>2038 - Utility workspace pointer for BLWP @VMBW
>2026	8230	>2490 - **VMBW** Utility starting address.
>2028	8232	>2038 - Utility workspace pointer for BLWP @VSBR
>202A	8234	>249E - **VSBR** Utility starting address.
>202C	8236	>2038 - Utility workspace pointer for BLWP @VMBR
>202E	8238	>24AA - **VMBR** Utility starting address.
>2030	8240	>2038 - Utility workspace pointer for BLWP @VWTR
>2032	8242	>24B8 - VWTR Utility starting address.
>2034	8242	Utility workspace pointer for BLWP @ERR
>2036	8246	ERR Utility starting address.
>2038		**UTILITY WORKSPACE STARTS HERE**
		R0-R15
>2057	8279	End of workspace
>2058		
>205A	8282	Start of XML link to name link routine. (Finds the mane in the REF/DEF Table)
>2090	8336	Start of ERR Routine. (Return Error code to basic)
>2096	8342	Start of NUMASG Routine. (Numeric Assignment)
>217E	8574	Start of NUMREF Routine. (Numeric Reference)
>21E2	8674	Start of STRASG Routine. (String Assignment)
>234C	9036	Start of STRREF Routine. (String Reference)
>2432	9266	Start of XMLLNK Routine. (Link to system Utilities)
>246E	9326	Start of KSCAN Routine. (Keyboard Scan)
>2484	9348	Start of VSBW Routine. (VDP single byte write)
>2490	9360	Start of VMBW Routine. (VDP multiple byte write)
>249E	9374	Start of VSBR Routine. (VDP single byte read)
>24AA	9386	Start of VMBR Routine. (VDP multiple byte read)
>24B8	9400	Start of VWTR Routine. (Write to VDP register)
		(NOTE: No GPLLNK or DSRLNK in X-Basic CALL INIT)
>24FA	9466	First Free Address in Low Mem-Exp. Pointed to by >2002 Continued next page

Extended Basic LOW MEMORY EXPANSION after CALL INIT

		The REF/DEF Table resides at the end of Low Memory Expansion. Each entry is 8 byte long, 6 for name and 2 for starting address. CALL INIT in XB leaves this space empty.
>3FF0	16368	DEF Name (CALL LINK or BLWP @) 6 characters.
>3FF6	16374	Start address of the above routine, 2 Bytes
>3FF8	16376	DEF Name (CALL LINK or BLWP @) 6 characters.
>3FFE	16382	Start address of the above routine, 2 Bytes.
>3FFF	16383	END OF LOW MEMORY EXPANSION
		Extended Basic HIGH MEMORY EXPANSION usage.

>A000	-24576	Start of High Memory Expansion (If Mem-Exp is present then the value at >8389 will be >E7 while the program is Running)
		
		Numeric Value Table (in RADIX 100 notation)
		Starting point of the Symbol table in VDP RAM is pointed to by >833E while program is running. The Symbol table then points into the Numeric value table for each of the variable name.
		
		Highest Free Address in Mem-Exp. pointed to by >8386
		
		Line number Table - 4 Bytes per Entry.
		Line # = 2 Bytes - Start Address of line = 2 Bytes - Line numbers are always stored highest # to lowest #. Starting address of this table is pointed to by >8330. Ending address of this table is pointed to by >8332. Current line number being referenced in this table is pointed to by >832E.
		
		Program Space (Last line entered is at the top)
		
		Start of program space = (value at >8332) + 1
		Programs reserved words have been converted to Token values and the line numbers are removed from the beginning of each line. The format for each line is as follows:
		    1st Byte = Number of bytes for the line
		    Following Bytes = (Start Address) Actual line code with Token values replacing reserved words.
		    Last Byte = >00

>FFE7	-25	Highest address to be used in Mem-Exp. pointed to by >8384
>FFFC	-4	Workspace Pointer for LOAD Interrupt (non-maskable interrupt)
>FFFE	-2	Start Address (PC) for LOAD Interrupt
>FFFF	-1	**END OF HIGH MEMORY EXPANSION**

Details by Dee Turner

Hello All, I make it back from Germany and have a few items to demonstrate and show when time permits. I know the next meeting will be tied-up with the contest. For you game players I brought back a new version of Tretis. It will run on TI or Geneve and auto-sense 40 or 80 column. It also allows you to save your exit point if you want to quit in the middle of a game. If you like to type and understand GPL ,I have the source code for PARSEC. Now you can see how that marvelous voice is done. The source is commented. As a quick comment about the fair, about 150-175 people attended and most of the countries were represented. I also saw a new TI magazine from Romania. The curtain is down and the TI is growing over there. So see you at the meeting and don't forget your Extended Basic program. Dee

FESTWEST 'NORTH' 93

SUPPORTING: TEXAS INSTRUMENTS TI-99/4A
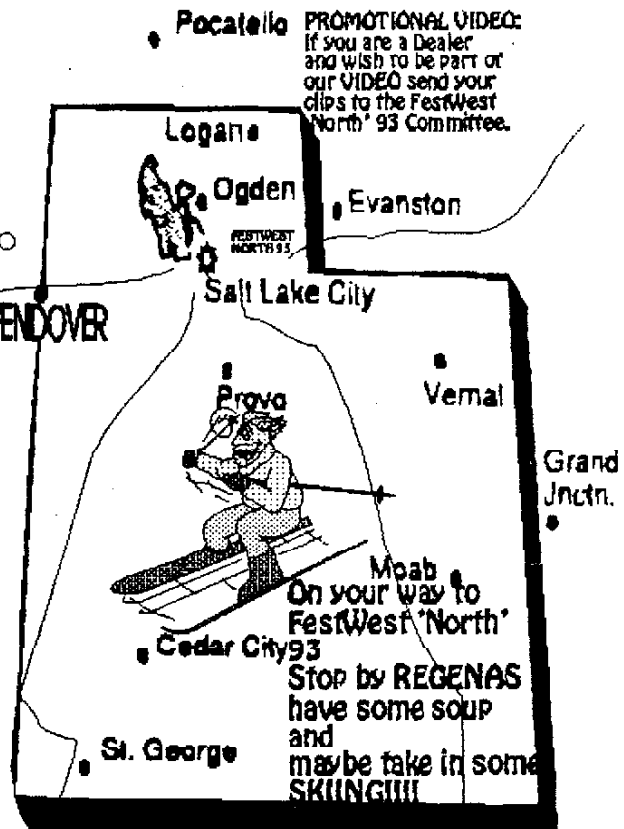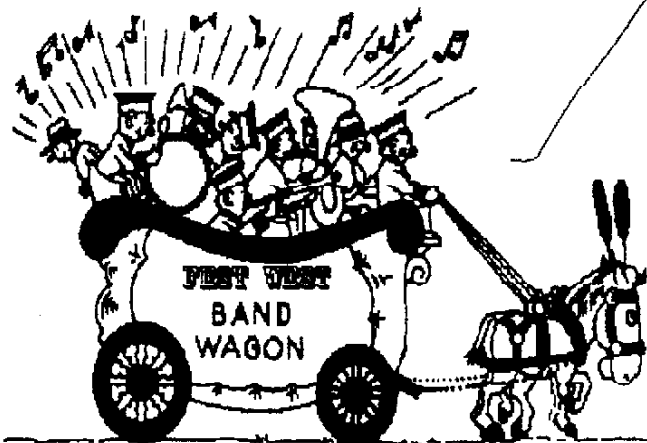AND THE 9640 GENEVE, AND COMPATIBLES

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SlaVes - SALT LAKE AND VALLEY
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          9am TO 5pm
SUNDAY - FEBRUARY 14 1993
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What's happenin'

by Joe Masarone
Pres. TI SLaVes

What's new? You tell me I pleaded with you guys for suggestions for this month's meeting. But Noooo! I didn't get a peep!   λ

Regina paid a surprise visit to last month's User Group meeting so those of you that forgot to attend lost out ! She also reminded me, in regards to one of my articles a few months back, that she is a honorary life-time member of TI Salt Lake and Valley users group (SLaVes). So I stand corrected we do have a female member.

You also missed my *excellent* demo of a baseball game furnished by *MicoPendium* on disk for the last two months. Good game but too many key presses per pitch. Kinda like watching a baseball game versus playing in it . The game is too slow.

September's meeting, as of this writing doesn't have an agenda. Remember, I didn't get any suggestions or volunteers. There will be a written nomination sheet for this year's elections. Our annual officer elections are in October. I'd like to see some new faces show some willingness to continue the SLaVes tradition, by becoming officers in the Group. If it goes like last year's elections, I warn you right now our group will not be in existence, (as we now know it) after April 1, 1993. I've talked to the current officers, they are burned out . They are willing to stick around and support me and the Group through FestWest, but after that sayonora! I will reluctantly remain President and see to it that

FestWest is as good as I can help make it. Our sister group, Ogden TI User's Group (OTIUG), has been given my word, (that is after I cleared it with you, the membership) that the TI SLaVes would co-sponsor this event to the end. This we will do. Even if it means me and our Group's check book show up.

Our Group's Officers have been same people for the last four years! Sure we have changed positions, but the same guys have carried the torch for too long. Interest and initiative have waned .

Now to give my crusade a boost I **nominate** The following:

Steve Richardson for President.
Jack Baxter for Vice-President.
Dave Berry for Sec/Treas.
Alex Schaff for Librarian.

Please note not one of these guys have held an office before and there are at least one more set I could offer:

Mike Berry for President
Rich Jenkins for Vice-President
Bill McConnell for Sec/Treas.
Mike Bosen for Librarian.

Granted, Rich has been an assistant librarian before. Now I'm not saying these aforementioned members never do anything, they just haven't taken the yoke of leadership in the group. Now, before I hear protest, yes one of these people have ran for office before, but lost. Well I'm an advocate of sweeping the incumbents out! Like that guy that runs full page ads in the newspaper.

Soap Box
Well I get to spout off again . No one took this space. Again.

Today's gripe is about the too expensive Hardware upgrades out for the TI. I won't name names. The few Hard drive controllers out there are ridiculously expensive as well as hard to get and, from what I have heard, not real dependable. Most of the other peripherals require removing pieces, normally soldered ones, from your TI and inserting others. Sure, some of you can make these changes, without shorting out the mother board, but not most users. Some of the new peripherals require that you change over your P-box to an IBM type clone box or increase the power supply in the P-box.

Now I know the cost are high because there aren't many TI users out there. But instead of hand making each of these why don't these electronic wizards out there try to use existing hardware out there and convert it

O.K. So the above diatribe is a clear indicator that I'm no techie. I never claimed to be. I do think I'm a normal computer user. I want to turn on the machine and **use it** . I'd like all the bells and whistles too but at a reasonable price. The cost are so high that many TI users have abandoned the Orphan and purchased another machine.

I also know that the TI 99/4a has a strong techie following. These are the guys that like to probe into the machine's inners and put in interrupt switches, make "super cards", hardwire Extended Basic into the P-box. O.K. so why don't these hardware peripheral vendors offer thier products in an optional kit form. Why, they probably can't make a killing that way. Yes, there is some vendors that offer their product in kit form, but not enough.

Well I'm out of room.....

Thank God!

FEST-WEST "NORTH" '93

VACATION

Thursday, Feb. 11 --Visit REGENA
Friday, Feb. 12   --Ski Brian Head
Saturday, Feb. 13 --FEST-WEST
Sunday, Feb. 14   --FEST-WEST
Monday, Feb. 15   --Ski near SLC
Tuesday, Feb. 16 --Ski Brian Head

TI friends are invited to an open house at
REGENA's home in Cedar City, 250 miles south
of the FEST-WEST site in Salt Lake City.
Stop in Thursday or Friday on your way to
FEST-WEST. If it's cold, snowy weather, a
crock pot of soup will be ready for you.

I can help you with skiing plans at Brian Head.
Also--let's plan a ski trip near SLC on Monday!!

Write for details: REGENA
                      918 Cedar Knolls West
                      Cedar City, Utah 84720

Gofer and *Clipix* Updated!

Asgard is pleased to announce new release of new revisions of *Clipix* and *Gofer*.

Clipix, by Dan Gazsy, is a utility included with *Pix Pro*, *Gofer* and *Page Pro Composer* that allows you to load *Page Pro 99* pictures of any size and "clip" any portion and save it as another picture. This is a useful tool if you want to cut down a picture to fit within a certain page size. It is particular useful for manipulating MacPaint pictures converted with *Pix Pro* and PCX pictures converted with *Gofer*. Completely "what-you-see-is-what-you-get", *Gofer* is easy to use and very fast.

The latest revision of *Clipix* corrects compatibility problems with the Myarc HFDC. The new version functions properly with this device. HFDC users with prior versions of *Clipix* may receive the updated version of *Clipix* free by returning their program disk. *Gofer* is included as an extra bonus to purchasers of *Pix Pro*, *Gofer* and *Page Composer*, but may be purchased by itself for $7.95.

Gofer, also by Dan Gazsy, is a program that features a vastly improved version of the the *Columnizer* included with *Page Pro 99*, utilities to modify "page format" files, perform batch conversions of *TI-Artist* instances to *Page Pro 99* format and vice versa, and a well-designed batch converter for converting IBM PC PCX-format picture files into *Page Pro 99* format (allowing you to use the tens-of-thousands of PCX format files available).

The latest revision of *Gofer* also corrects compatibility problems with the Myarc HFDC. The new version functions properly with this device. HFDC users with prior versions of *Gofer* may receive the updated version of *Gofer* free by returning their program disk. *Gofer* has a suggested retail price of $14.95.

Tris 2 Released

Asgard Software is pleased to announce the release of *Tris 2* - by Jim Reiss.

The newest version of this very popular version of *Tetris*™ for the TI-99/4A and Myarc Geneve features improved graphics and "mutant" blocks. The latter consists of irregularly shaped blocks which change their pattern as they rotate and fall, and add a new level of complexity and challenge an already challenging game!

Tris 2 is available in cartridge for the TI-99/4A for $19.95, and on disk for the Geneve-9640 for $9.95. Owners of the previous version of the cartridge can obtain an "update" for $8.00 (or $5.00 with the return of their old cartridge). Disk users can receive the update for $4.00.

To order a product send a check or money order plus $3.00 for S&H to:

Asgard Software • P.O. Box 10306 • Rockville, MD 20859-0306

OCTOBER CLUB MEETING
(Oct. 12, 1992)
(gloria anders)

CONTEST NEWS:

While the members were waiting for our president to get to the meeting from his class at school, Howard checked with us members to see how many of us had our Halloween contest disks. He also gave us a brief run down as to how Bob was going to work this evenings contest.

Here is how Bob was going to do it; he would load all contestants programs on to a blank disk and give each of them a new file name, such as; (1,2,3,etc). Then he would show them in random order, and all members would vote on their choices for 1st or 2nd place. Bob arrived and officially started the meeting at 8 p.m. He did the contest disk as Howard had told us earlier. There were two categories, NOVICE, and PRO, plus a zip program, that Bob wrote, for the members that did not have a program for the contest.

Here are the two categories, the entries, and the winners:

```
(1) NOVICE (beginners) = 3 entries
    1st Place - Wanda's halloween scene
    2nd Place - Gloria's large ghost

(2) PRO (advanced) = 4 entries
    1st Place - Bob's animated program with a cat on a fence.
    2nd Place - there was a tie:
                Charles animation of a spider descending & pumpkin
                face card lighting up.
                Rodger's Frogs jumping over a ravine with a turtle
                below.

    ZIP (no entry) = 5 members
```

The first place winners received a ribbon and will receive software from Roger. Second place winners received ribbons.

While the secretary was tallying up the votes, Bob went over each program with the member that wrote it and had them tell how they did their programs. It was very interesting.

The next contest will be held at our November meeting on the 9th. The theme, of course, will be Thanksgiving. And, don't forget our third and last contest to be held at our December 14th meeting.

The programs from the contests will be put on a disk, or possibly two, and given as a disk of the month.

CLUB BUSINESS:

Treasury report by Howard: the club is still in good standing, and Dennis renewed for another year.

Disk Librarian report by Gene: The library is currently in disarray, due to changing the necessary commands for the use of a new printer and Gene is having a hard time getting out a new listing of available disks. The last list put out was in March of 1991. Gene hopes to have a new printout soon. Libaray request will be filled as quickly as possible.

DON'T FORGET, NEXT MONTHS CONTEST IS A THANKSGIVING THEME, USING EXTENDED BASIC, THIS TIME.

EDITORS NOTE: - For all of you that attended our meeting last month, I think that you will have to agree that it was a terrific success. It is the first contest I can recall in the five years I have been a member, and the comments that I overheard were very favorable, and everyone, with the possible exception of the Pro's, learned something. I am, and I am certain that everyone else is looking forward to our November and December contests.

As you may have noticed, Bob, our President, was not able to make the deadline for our newsletter, but he called me and said he was tied up on preparing for a three hour dissertation for his night school class. (At least, I think, that is what he said.) Anyway, he said that the knowledge he was gaining in this class will be a benefit to all of us in the PV99er's. He promised to get us an article for next month. Also, as you have no doubt noticed, Dee is back from his trip to Germany, and he told me that he has a lot of good stuff for the club. Soooo, we have a lot to look forward to in the next few months.

I will not go over the list of winners, in our contest, as Gloria did a good job of it.

FESTWEST 'NORTH' 93 is coming up next February, and as you can read in this issue, Regena is offering some soup and skiing to make it a complete looong weekend. So here is your chance, to kill two birds with one stone. Sign up early and avoid the rush.
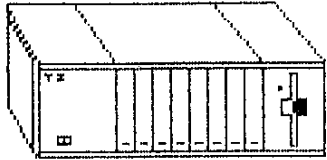

FOR SALE

COR COMP 512K Memory Plus stand alone RAMDISK that is compatable with the CorComp 32K, 9900 DSDD stand alone Disk Controller System that is like the one in use at our meetings. Any one interested see me at the meeting, or call me at (714) 627-4144. I am asking $200.00 for it.   Howard.
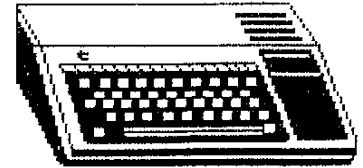
WANTED

DOUBLE Density Controller Card for the TI PE-Box.   Howard.

POMONA VALLEY 99ERS

COMPUTER USER GROUP
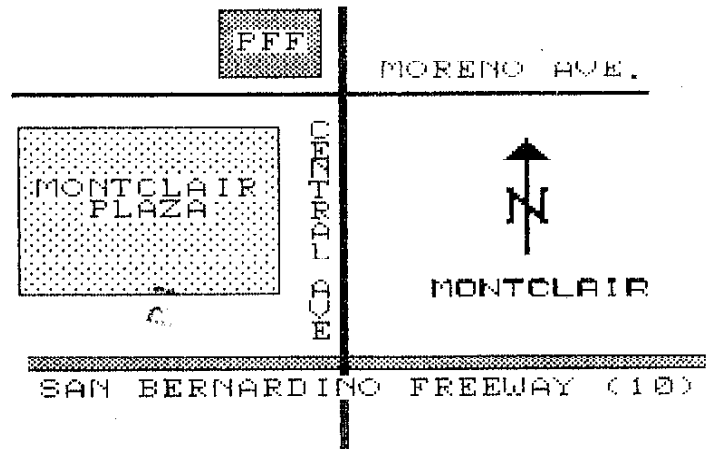FOR THE TI-99/4A COMPUTER

MEETINGS:

POMONA FIRST FEDERAL S&L
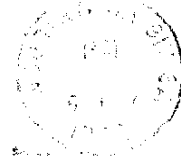9090 CENTRAL AVENUE
MONTCLAIR, CALIFORNIA

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AT 7:00 P.M.

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POMONA VALLEY 99ERS
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C/O HOWARD McDONALD, EDITOR
6880 GLORIA STREET
CHINO, CA 91710

29 USA

DALLAS TI HOME COMPUTER GROUP
LISA SHAFFER
P.O. BOX 29863
DALLAS TX 75229