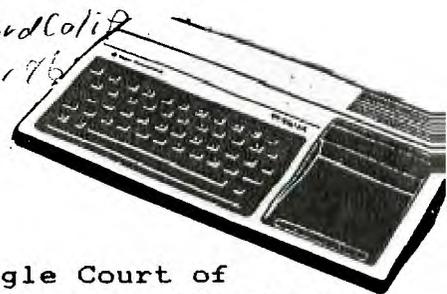


KINGS 99ers USERS GROUP  
299 W. BIRCH AVE.  
HANFORD, CA. 93230

Hanford Calif  
1991/86



Bill Mills, Pres.

#### March Meeting:

Because of Easter, school vacations, Billy's Eagle Court of Honor (and all the relatives here for the weekend), etc. we will need to change our March meeting to the THIRD Monday this month. So, mark the change on your calander and we'll see you on Monday March 17th, St. Patricks Day. At the March meeting we will go over the things we saw at the TI Fest. We brought back lots of samples, flyers, etc. Be sure and come to get your share.

KINGS 99ers USERS GROUP  
MONDAY, MARCH 17, 1986  
\* \* \* \* 7:00 \* \* \* \*  
1255 Beulah Street, Hanford

#### Second Reminder:

Again, I would like to invite ALL of our computer friends to come to Billy's Eagle Scout Court of Honor. 7:00 pm at the First Baptist Church (1900 N. Douty) in Hanford. This is probably the main reason we need to change the meeting-my sanity can only handle so much activity in one weekend.

#### BASIC to ExtendedBASIC:

If you want to convert your BASIC programs to ExtendedBASIC the easy way, see page 42 of the February issue of MICCR0pendium. There is a really short merge program that is guaranteed to work.

#### Raffle:

Remember to bring items for the clubs monthly raffle. EACH member is asked to donate both new and used modules the no longer need, programs they have written or typed in, a disk of games, etc. (we have even had some non computer items such as a home made trivet). Then at each meeting we have a raffle, proceeds keep our treasury afloat, and we all have fun while helping our club.

#### Duplication:

A reminder to all of you who attend the meetings, we have a copy machine available so you can copy articles, programmes, etc. for 10 cents per page. For those of you who cant't make the meetings just send 10 cents per page you want copied and a self addressed stamped envelope and we'll do the rest.

#### TigerCUB:

Because of the early publication of this issue of the newsletter it's going to the printer before Jim's care package arrives at my house so look forward to a double dose next month!

#### CorComp:

I am reproducing several pages of a CorComp brochure that Jeani received, even this may seem like free advertising for them (actually it is) but the articles contain a lot of good information you should be interested in. (Just a word of advice for our newer members) Jeani, my wife, is a TI products dealer and in addition to her large inventory of stock on hand, she can order virtually any item made for the TI computer-and some other brands too- and her prices are LOWER than the other guys!

```
*****GRAPH SHEET MAKER*****
*REPRINTED FROM C.C. 99'ER*
* VIA WICHITA AREA 99ERS *
* NOVEMBER 1985 *
*****
```

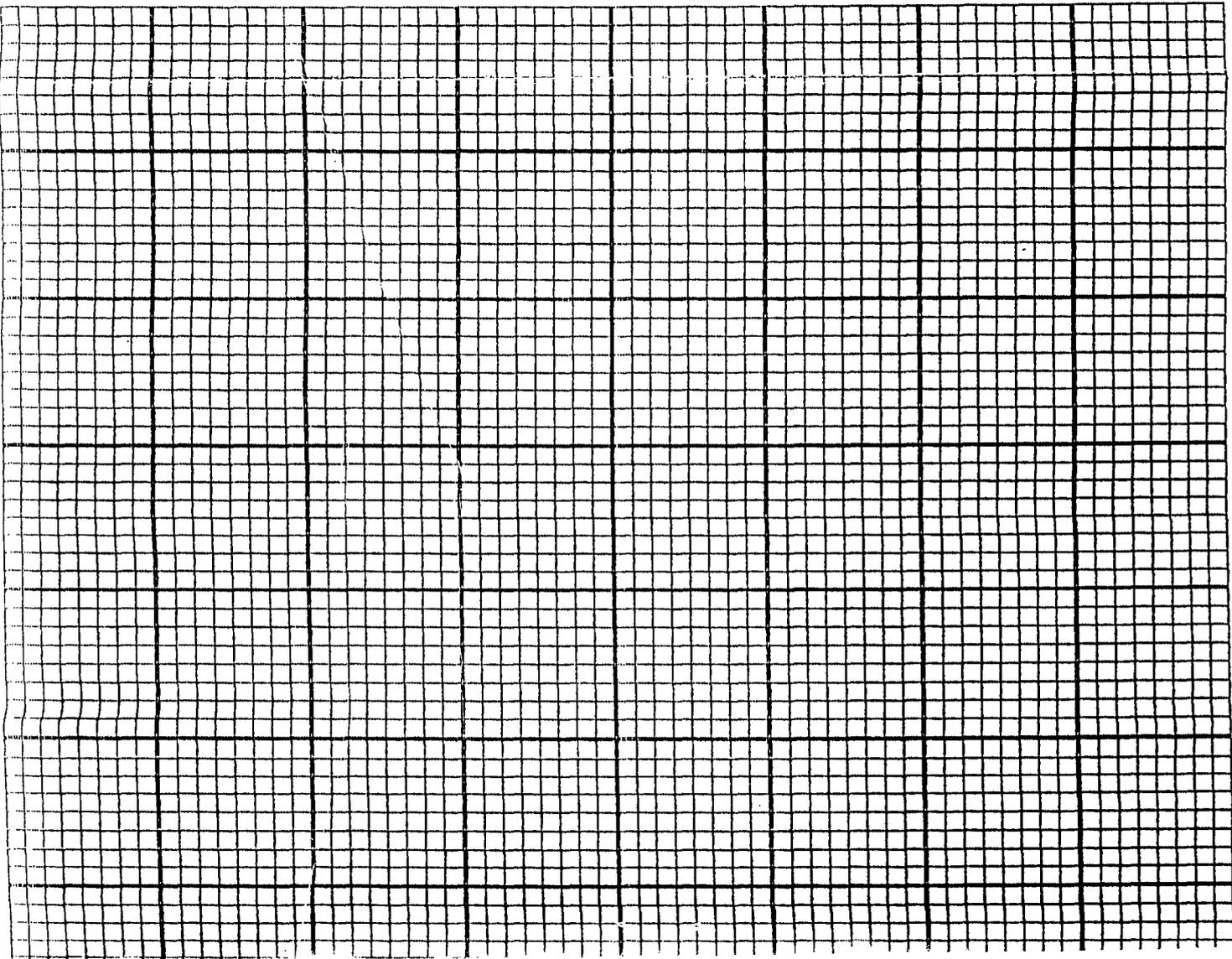
```
*PRINTS APPROXIMATELY 1/8-
*INCH GRID ON A FULL 8-1/2X
* 11 SHEET IN 8 X 8 BLOCKS *
*****
```

```
100 REM +-----+
110 REM +GRAPHSHEET MAKER+
120 REM + BY JOHN BEHNKE +
130 REM + +
140 REM +EPSON OR GEMINI +
150 REM +PRINTER REQUIRED+
160 REM +BASIC OR X-BASIC+
170 REM +-----+
```

```
180 CALL CLEAR
190 INPUT "NUMBER OF SHEETS?
":A
200 CALL SCREEN(2)
210 @=CHR$(27)
220 FOR I=1 TO 228
230 A$=A$&CHR$(128)
240 NEXT I
250 B$=SEG$(A$,1,7)
260 C$=CHR$(255)&SEG$(A$,1,6)
270 FOR I=1 TO 4
280 FOR J=1 TO 8
290 E$=E$&C$
```

```
300 NEXT J
310 E$=E$&CHR$(255)
320 NEXT I
330 F$=@$&"K"&CHR$(484)&CHR$(0)&E$
340 G$=@$&"K"&CHR$(228)&CHR$(0)&A$
350 OPEN #1:"PID.CR"
360 FOR B=1 TO A
370 FOR C=1 TO 11
380 PRINT #1:@$&CHR$(64)&@$&"3"&CHR$(16)
390 FOR D=1 TO 8
400 PRINT #1:F$;F$;CHR$(10)
```

```
410 NEXT D
420 PRINT #1:G$;G$;@$&"3"&CHR$(2)
430 NEXT C
440 PRINT #1:@$&"3"&CHR$(17)
450 FOR I=1 TO 9
460 PRINT #1:CHR$(13)&CHR$(10)
470 NEXT I
480 NEXT B
490 CLOSE #1
500 END
```



# CorComp Cursor

ISSUE 4

AUGUST 1985

**CORCOMP CELEBRATES ITS 3RD ANNIVERSARY**



## **CORCOMP INTRODUCES 5 NEW PRODUCTS FOR 99/4A**

CorComp has five new products for the 99/4A enthusiasts. They are practical products that will enhance your computing capability. They are products that will save you time and effort and make your data recording more efficient. The five new members of the CorComp family of products are: 9900 Clock/Calendar Stand Alone, 32K Micro Memory Stand Alone, TRIPLE TECH card, 9900 Load Interrupt Switch, and the 83 Module Adapter (for 1983 consoles that need the GROM "busted" so third party software such as Atarisoft may be run). They are reasonably priced and can be purchased through any authorized CorComp dealer throughout the world.

### **THE CORCOMP 9900 CLOCK/CALENDAR**

"When I joined CorComp the clock/calendar was one of the first products I suggested for development," stated Mike Norton CorComp's project engineer. "My hunch changed to conviction with the many phone calls I received from 99/4A users who were having difficulties with a kit clock that was available. These calls verified that there

was a market for a true straight forward clock/calendar. And that is exactly what we have designed in CorComp's 9900 Clock/Calendar Stand Alone and the clock feature on TRIPLE TECH."

#### **HOW YOU CAN USE THE CORCOMP CLOCK/CALENDAR**

The CorComp Clock/Calendar provides a simple means of accessing in real time the: YEAR, MONTH, DATE, DAY, HOURS, MINUTES, AND SECONDS.

It is easily accessed through TI Basic or Extended Basic without any additional hardware or software by using OPEN, PRINT, INPUT and CLOSE statements. It is an excellent way to time and date your documents and truly an aid in time management.

#### **BULLETIN BOARD SYSTEMS**

Since the CorComp Clock/Calendar can be accessed from Basic and Extended Basic, it is ideal for beginning and skilled programmers. Programs can be created to provide the user with a wide variety of individualized uses. Also the Clock/Calendar is a must for anyone running a bulletin board system. This unit will record the date and time when a user logs on, tell him when he last called and how much time he has left as well as

record the time when he logs off. This information will benefit both the bulletin board operator and the end user.

## DESIGN FEATURES

The CorComp Clock/Calendar is a stand alone unit about half the size of the Micro-Expansion System. It is housed in a CorComp black box measuring 5" x 2" x 2½". The unit draws its power from the console. It has been designed using high speed CMOS components. It is also equipped with a crystal controlled oscillator that is accurate to .0002%. Its battery back-up will run for over 6 months even with the power turned off! The Clock/Calendar is built to "daisy chain" with other stand alone units and makes a perfect addition to your equipment. The clock feature is also available on our TRIPLE TECH Card for the TI P-Box.

## LOAD INTERRUPT SWITCH

The 9900 CLOCK/CALENDAR includes a "load interrupt switch" to implement the newest screen dump programs from the leading software companies featured in this issue. For example, the SDUMP program from Quality 99 Software prints a screen in seconds by just pressing a button when used with the CorComp Clock/Calendar or Load interrupt switch.

**Due to the design of the TI P-Box, there is no way of building a Load Interrupt Switch onto an expansion card. Therefore, CorComp is making this feature possible by designing an independent Load Interrupt Switch. This new product will be available the end of August through our dealer network.**

## CORCOMP 32K MICRO MEMORY



This product is a MICRO duplication of the CorComp 32K card. It offers dependability and 100% compatibility with existing TI and third party software. It is small, compact, does not need an external power supply, and it can "daisy chain" with the TI Speech Synthesizer and CorComp's RS232 Stand Alone, and the 9900 Clock/Calendar. This unit began shipping in June.

## 83 MODULE ADAPTER

The expanse of third party developers of TI 99/4A software includes many highly successful module programs that will not run on all 1983 TI 99/4A's. These computers, which are the grey consoles have a GROM program which will inhibit the use of such modules as the AtariSoft 99 series and some other third party programs.

CorComp sees no reason why an owner of one of these SPECIAL 1983 computers should not be able to take advantage of these excellent programs. We are now beginning production of the **CORCOMP 83 MODULE ADAPTER**. You can tell if your computer is one that will need the CORCOMP 83 MODULE ADAPTER if the title screen says 1983 Texas Instruments V2.2."

## THE CORCOMP TRIPLE TECH CARD

The CorComp TRIPLE TECH Card is causing excitement throughout the 99/4A circles. TRIPLE TECH is a single card for the TI-P Box that has the POWER of 3 cards! It is the first TI expansion card that is ready to run IMMEDIATELY. NO WORRIES ABOUT SYSTEM COMPATIBILITY!

The TRIPLE TECH has a second distinction, that of being the first 99/4A expansion card NOT TO HAVE A CLAMSHELL! Like peripheral cards made for the other computers, IBM, Apple, Compaq, Tandy, etc., the assembled PC board is plugged directly into the expansion slot. The TRIPLE TECH Card was designed with quality and performance in mind. In doing so, we have been able to eliminate the metal enclosure. Since the speech synthesizer and clock battery may need to be accessed, all that is needed is simply to pull the card out and replace the components. NO TOOLS REQUIRED!

The TRIPLE functions of the card are: 1) REAL TIME CLOCK/CALENDAR, 2) 64K PARALLEL PRINTER BUFFER, 3) A PORT FOR THE TI SPEECH SYNTHESIZER BOARD.

### REAL TIME CLOCK/CALENDAR

Installed it will provide easy access to the: YEAR, DATE, DAY, HOURS, MINUTES, and SECONDS. This feature of TRIPLE TECH will provide the same convenient capabilities as described in the article about the CorComp 9900 CLOCK/CALENDAR.

### 64K PARALLEL PRINTER BUFFER

The second feature of the CorComp TRIPLE TECH Card is the 64K parallel printer buffer. With this feature, you can reduce the time you spend working on documents or articles tremendously. If you were printing a one page document using TI Writer, you would have to wait about 40 seconds in order to free up your computer. With TRIPLE TECH'S 64K buffer, it would only take 5 seconds! Keeping that in mind, imagine having to print out a 20 page user group newsletter composed of a multitude of articles, graphs, programs, etc. plus, having to print the mailing list and all of the other details that go along with this assignment. Your work might seem endless but, with the 64K buffer, you can begin to print the information and go back to your screen in seconds while the printing continues.

There's more features in this innovative card to make your computing tasks even easier. When the system is powered up, you can activate a "self test" on the memory by simply depressing the copy button. In an instant, you will have a print out of the information recorded. To get a second copy simply press the "copy button". The second button is the "clear button". This button is used when you want to make several copies of a print-out. By pressing it you "clear" the buffers memory.

### **SPEECH SYNTHESIZER PORT**

The TRIPLE TECH Card comes equipped with a port to connect your TI Speech Synthesizer. All you need to do is remove the speech synthesizer from the TI enclosure and plug the board on to TRIPLE TECH, plug TRIPLE TECH into an empty slot! Voila! Three stand alone attachments are now housed in your P-Box!

## **THE 99/4A SECOND GENERATION**

### **THIRD PARTY INNOVATORS EXTEND THE LIFE OF THE 99**

CorComp is looking forward to beginning its third year designing and building expansion hardware for the tenacious owners of the TI 99/4A. Sources outside the 99/4A circle of loyalists refer to the 4A as an orphaned computer. Little do they realize that Texas Instrument's retreat from the home computer market brought about the birth of a strong group of third party manufacturers. The fact is that support technology for the 99/4A has flourished during the last two years! The limits of the TI 99/4A console have been surpassed by a second generation of innovation professional developers of expansion peripherals and creative software programs.

For CorComp, Navarone Industries, Quality 99 Software and Video Magic, the 1983 announcement by TI was viewed as an open door to opportunity. Without technical support from TI, it has been imperative that open lines of communication be maintained between companies and, that we create our own support network. In this issue of the CorComp Cursor, Chuck Humphries, of Navarone Industries, Larry Hughes of Quality 99 Software, and Video Magic will be telling their stories and discussing their excellent software products.

CorComp's fine line of hardware products have played an important role in each company's development tasks. Not only have they designed programs specifically to take advantage of CorComp technology also, they have used CorComp products in their computer systems while developing programs. Software and hardware products are **interdependent**, and it is cooperative working relationship such as these that have kept the 99/4A in use throughout the world.

## **A CHANCE TO GROW... A CHANCE FOR LIFE...**

by John Phillips

Those were the dark days. November and December of 1983 were grim months for all of us. What a shock to hear that the mighty Texas Instruments was pulling the production plug of the /4A. For me, it meant finding alternate work and leaving the "ideal" position of a games programmer. For the millions of /4A owners, it meant unanswered questions and little hope.

The expansion growth of the /4A was minimal at that point. People were just getting around to purchasing their first home computer. The thought of expansion was too far away. When the bottom dropped out, those people who purchased their /4A computers began thinking their tiny investment was a giant mistake. There was no life after the /4A.

Frantically, people were calling the TI-CARES number to locate expansion boxes. Many stores simply could not get these now-valuable products from TI. Discouragement set in and it looked as if the /4A was truly on the "dead-list", joining the ranks of the VIC-20, Atari 400, and Timex/Sinclair. There was not supposed to be life for the machine. . . there was no room for expansion.

One company changed all that. You know who I am talking about. **CORCOMP** took the bewildered masses of TI owners and gave them a chance for expansion . . . **CORCOMP** gave the /4A a chance for **life!** The three and one-half million consoles had the chance to find mates and produce offspring of incredible software! The grim months slowly became lit with the soft glow of **CORCOMP**.

I know of dozens of people who purchased the **CORCOMP** equipment: cards for their expansion boxes and, now, the powerful micro expansion system. These individuals still continue to dwell into their Extended Basic and Editor/Assembler manuals. I receive letters daily from people who are now using their TI-Writers because **CORCOMP** gave them that hope, that chance to perform things they thought would be impossible.

The machine lives! Utility programs are being generated every week for the serious computer users. No other computer in history had a following like the /4A and no other computer probably will. This company, **CORCOMP**, is giving you that opportunity. Explore the world of computer science to its fullest. You are not limited to the 16K of VDP RAM anymore. There is hope!

Although I own several brands of computers, I still treasure my /4A and it is enthroned on my main computer desk. This machine is not a toy once it is expanded. It is a powerful, productive machine which can manage a household, entertain a party, help with homework (even graduate school, for me). It is a living, breathing organism thanks to the organs available from **CORCOMP**.

VISALIA

HWY 198

SPECIAL EDUCATION CENTER

E. CAMERON

10 AVA

BEULAH

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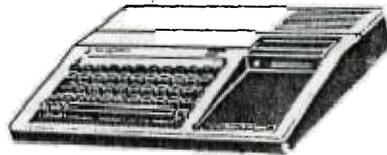
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MONDAY, MARCH 17, 1986  
\*\*\* 7:00 \*\*\*  
1255 Beulah Street, Hanford

GRANDEVILLE

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