\* \* Central \* VOLUME 3 NUMBER 03 \* \* Iowa \* TTT HHH EEE 444 AAA FFF 000 RRR UUU MMM 444 AAA \* Users \* TTT HHH EEE FFF 000 RRR UUU MMM \* Group TTT HHH EEE 444 AAA FFF 000 RRR UUU MMM \* Newsletter \* MARCH 1985 \* Dues are \$12/YR for Individuals \* President...John Hamilton......262-2749 \$15/YR for Families \* VP/Editor...Steve Robinson......287-6270 \* Secretary...Ron Rutledge.......987-1145 N ----> March 31, 1985 \* Treasurer...Mark Tallman......279-7065 E ----> Eastside Library \* Software....Barry Christension... X ----> 2559 Hubbel Ave \* Programs....Dave McBride.......262-9031 \* Basic/Ed....Bill Claypool...... MeeTing -> Des Moines, la 50317 \* Publicity...Harlan Warden......984-6672 =======> TIME 02:30 to 04:30

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CENTRAL IOWA 99/4A USERS GROUP ATTENTION: EDITOR P.O. BOX 3043 DES MOINES, IOWA 50316 MARZS'85 U.S. POSTAGE

PB ALLS 90 = 22:

O35 MIAMI COUNTY AREA U. G. P.O. BOX 1194 PERU, IND 46970

To start things off, a little more info on items I talked about last month. It you are looking for a DSDD drive w/case and power supply for \$99 or 2 mounted in a larger case for \$175 (the drives are made by REMEX), call 1-800-423-5922 or write Priority One Electronics, 9161 Deering Ave, Chatsworth CA, 91311. Radio Shack had (and may be getting more) TI keyboards for \$2.95. You can also find rf modulators, power supplies and transformers there.

- 10 CALL CLEAR :: CALL INIT :: CALL LOAD(8196,63,248) :: CALL LOAD(16376,84,32, 32,32,32,48,0)
- 20 CALL LOAD(12288,2,224,131,224,2,1,240,129,216,1,131,212,216,1,1,193,216,1)
- 30 CALL LOAD(12308,140,2,2,1,244,135,216,1,140,2,6,193,216,1,140,2,6,155)
- 40 CALL LINK("T")
- 50 INPUT As :: IF As="C" THEN CALL CLEAR
- 60 GOTO 50

- June CES show. Write them at this address and let them know you would be interested in such a machine Box 140, Basking Ridge NJ, 07920 (201-766-1700).
- 2 Myarc is also supposed to come out with a 8088 card (maybe IBM compatible in some degree) that will plug into the PE9. Who knows?!?
- 3 Sci Tech (no address known) is working on a memory card for the PEB. It will have 64k to 256k of memory that can be used as a fast second disk drive. It has its own power supply to keep data intact when you turn your system off. 4 MBP, 5522 East Harry, Wichita KS, 67218 is offerring a kit for \$41.50 that will give you an uninterruptable clock and 6 A/D channels 0-5 volts. Seems like a mighty low price for so much (remember that it is a kit and you will be expected to know how to solder).

- -31740,2,2 Continuation of the last sound generated
- -31745,0 Freezes the screen, then blanks it out
- -31804,1 Produces a very mushy keyboard
- -31804,128 Disables the keyboard altogether
- -31862,128 Restarts XB, looks for DSK1.LOAD, and runs it
- -31868,0,0 Turns the 32K memory off (try a SIZE command)
- -31868,255,231 Turns the 32K memory back on
- -31961,51 Returns you to the Title Screen
- -31961,149 Restarts XB, looks for DSK1.LOAD, and runs it

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DP JOB DESCRIPTIONS
The following piece is a compilation of several sources of cleverness.
I decided to tailor it to my place of business (I am a systems analyst for an
insurance company). Change the titles and it becomes applicable for almost any
iob type! Kind of a warmup for next month.
DATA PROCESSING MANAGER
Leaps tall buildings in a single bound,
Faster than a speeding bullet,
More powerful than a locomotive,
Walks on water. Gives policy to God.
ASSISTANT DP MANAGER
Leaps short buildings in a single bound,
Comes in a close second to smaller caliber bullets,
More powerful than a switch engine,
Walks on water in an indoor swimming pool, Talks to God.
SENIOR SYSTEMS ANALYST
Leaps short buildings with a running start and favorable winds,
Faster than your average BB,
Almost as powerful as a cable car,
A pretty good swimmer,
Talks to God if special request is granted.
SYSTEMS ANALYST
Barely clears a quonset hut.
Can fire a speeding bullet.
Cannot assemble the kid's train set,
Stays afloat with a life jacket, occasionally addressed by God.
SENIOR PROGRAMMER
Makes high marks on wall when trying to leap buildings,
Can sometimes handle a gun without inflicting self-injury.
Is run over by locomotives,
Dribbles drinks down chin after having a few.
Takes the name of God in vain guite regularly.
JUNIOR PROGRAMMER
Runs into the side of buildings,
Is never issued ammunition.
Recognizes locomotives two out of three times,
Plays in mud puddles, Talks to animals and/or walls.
MAINTENANCE PROGRAMMER
Trips over doorstep when trying to enter buildings,
Shoots self in face with a squirtqun.
Says 'Look at the Choo Choo',
Passes water when excited, Mumbles to himself.
SYSTEMS PROGRAMMER
Lifts buildings and walks under them.
Catches speeding bullets in his mouth and eats them,
Kicks locomotives off the track,
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Freezes water with a single glance, He is God.

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# >>>> Club Meetings <<<<<

The last group meeting was held Sunday afternoon, March 3, and had approximately 25 people in attendance. The poor weather didn't do much to encourage being out and about. John Hamilton reviewed some of the material which the club receives monthly, Barry Christensen gave a tax preparation demo, and Bob Ryherd gave a demo of some Scott Foresman cartridges. The next meeting will be on March 31, 2:30 to 4:30, at the East Side Library.

### >>>>> H.C.M. Magazine <<<<<

The latest issue of Home Computer Magazine, Vol 5 No 1, has hit the racks; what a boon to TI owners! I don't normally cut-up anything publicly but this rag deserves a rip. They have gone from a useful tool which I spent days with and still reference to a collection of re-worked ideas and old tips I waste a half-hour reading. I'm not sure how many ways loans can be analyzed but H.C.M. seems determined to present them all. They were also good enough to print a few programming tips that have been around at least as long as my 2 year-old TI. Of course, you do get their 'continued support of the TI 99/4A' (I'm sure I read that somewhere). Even that may not be around much longer, the H.C.M. Digest is out too and it appears the fire sale of their TI stock has started.

## >>>> Library Additions <<<<<

Two more disks have been added to the library, namely 'SCREENDUMP' and 'NEATLIST'. These are A/L utilities written by Danny Michaels of Florence, Alabama. 'SCREENDUMP' does just that from Basic, XB, or E/A or with the use of a load interrupt switch. 'NEATLIST' lists XB programs in an 'E-Z' read format. He has placed them in public domain under the 'freeware' concept, a somewhat radical marketing approach in which the software is given away and the user then pays the author an amount he feels the software is worth. The 'MASSCOPY' program added to the library last month also falls into this catagory. These programs are all free for the copying; the amount you choose to send, if any, is up to you.

### >>>>> Printer Tip <<<<<

Everyone seems to know that you open the printer as a variable file to print over 80 characters. What is missing is the fact that a good share of them, like the Gemini 10X, will print 136 columns, not 132. The way to find out what your printer will do is to write a test program that will open it as variable 255 and send it 255 characters in a single print statement.

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>>to place a	free ad call Steve at 287-6270 before 9 or see me at a meeting<<
The University Bookstore at 30th Forest has or can get the following items:	
	Corcomp Micro Expansion (32K,RS232,Disk Controller) 399.95
=======	CorComp 32K card (for TI PEB)
	CorComp RS232 card (for TI PEB) 99.95
	Gemini 10X printer 280.00 Cables 29.95
	•
Software	Infocom's Zork I, Zork II, or Zork III 34.95
	Editor/Assembler (required for FORTH) 34.95
	Various TI 3rd party disks modules inquire
The Computer	Supply Store at 1014 Grand has the following items:
Hardware	Epson RX80 printer
=======	Okidata 92 printer 429.95
10% discount	Panasonic 1091 printer 339.95
	Silver Reed Exp-500 letter quality printer 409.00
most items	Printer cable 29.95
for club	Anchor Volksmodem (cables 11.50)
members!	Navarone Cartridge Expander
Supplies	Ribbons: 82A or 10X 2.99 RX80 6.99 Pro 5.40
	15 3500 sheet 24.40
	20 2700 sheet fine-perf paper 22.39
	Elephant SSSD disks (box of 10) 20.00
	Verbatim SSDD disks (box of 10)
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Specification for the TI 99/4A Home Computer". Would rather borrow but will	
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WANTED: "Home Computer Disk Peripheral Hardware Spec." and "File Management Specification for the TI 99/4A Home Computer". Would rather borrow but will buy. Call Ron Rutledge at 987-1145 or write to 1020 3rd, Waukee, Ia 50263. Any other user's groups have anything? Would be interested in any manual not listed on the "Checkouts" page of the October newsletter.

FOR SALE FOR SALE FOR SALE FOR SALE FOR SALE FOR SALE FOR SALE

HALF PRICE SALE!!!: Infocom adventures "STARCROSS", normally \$35, and "WITNESS", "INFIDEL", and "CUTTHROATS" normally \$40, for HALF PRICE. Might trade for another Infocom adventure. Call John Hamilton at 262-2749 after 6.

FOR SALE: New Nashua diskettes, includes 10 disks and a plastic library box, for \$15. Call Bob Ryherd at 266-7788.

FOR SALE: Peripheral expansion box, disk controller card, disk drive all in great condition for \$250 or best offer. Call Mark Tallman at 279-7065 after 6.

FOR SALE: 20 issues (7/83-2/85) of the 4A-FORUM bound in folders for \$10. Also 9 "Tips for the 4A (includes known peeks + pokes, disk mapping, short program, I/O addresses, etc) bound in a folder for \$4. Speech synthesizer still in box for \$40. Joysticks still in box for \$10. Shugart drive, case, power supply, cable with 30 day warranty for \$150. TI stand-alone disk controller \$30. Also a complete TI-WRITER package \$50. Call John Hamilton after 5 PM 515-262-2749.

FOR SALE: New TI 99/4A console, wired controllers, joystick adaptor, 12' Video Extension Cord, Cassette cable, plastic cover, Cassette'n'Game file, 3 extra TI 99/4A books, Adventure w/3 extra tapes, Football, Alpiner, Parsec, The Attack, Video Graphs, Music Maker, Personal Real Estate, Personal Record Keeping, Home Financial Decisions, Securities Analysis, and Household Budget Management (all new and unused). To be sold as a package only, at less than "SALE" prices ... \$275.00. Call Fred Lloyd at 225-2263 or 245-2105.

FOR SALE: Cassette's for sale for \$2, they each have 30-40 TI programs on them. Seven different titles - Basic Games 1, Basic Games 2, Extended Basic Games, Education, Education Utilities, Home Management, and Music. For \$1 extra per cassette I will mail them to you, otherwise you must pick them up at the club meeting. The programs range from very good to very bad and require from basic console only to disk and 32K. Net cost is about 5 cents each. All are out of the club library. Call Dave McBride at 262-9031.

FOR SALE: P-Code card and documentation for \$100. Call Tom Boelling at 262-0707 after 05:00 PM.

TI-WRITER/MULTIPLAN: Madonna Nordaker

The Ti-writer/Multiplan SIG met March 7th with five members. We were lucky Dave McBride came and gave us his income tax program and in the process of showing us how it worked also showed us many different capabilities of Multiplan. We agreed to meet again on the 1st thursday of each month for now so our next meeting will be April 4th 7:00 at 2315 E. 13th.

EA/FORTH: John Bush

On April 14th from 2:30 to 4:30 at the Eastside Library there will be an initial discussion meeting for the assembler/forth SIG to determine what items the group wants to explore. If you have any projects stop on by!

>>>> UPCOMING PROGRAMS: Dave McBride <<<<<

I hope to get all of our member's to demonstrate one of the program's they use the most or the one they enjoy the most on their TI99. All of us use our 99's or we wouldn't bother to support this group. You may not feel that the program you are using is "sophisticated" enough to show off to your fellow member's but all of us are interested in finding new uses for our computer's and your program may be just the thing someone else in the club really can use. If you have any suggestions or questions please call me or see me at the meeting. I may be calling some of you to ask for your help so I hope you will respond as best you can.

For the March meeting Larry Peterson from Altoona will demonstrate his program that he uses to keep track of the bowling average's in his bowling league. I understand Larry bought this program and has since greatly modified it to his needs. Even if you don't bowl you may be able to adapt his program to baseball average's, your golf handicap, or just give you an idea on how to write your own program. If you have any questions ask Larry and he can tell you what modifications he has done. Hope to see all of you on March 31st.

Mar 85

### NAVARONE DATA BASE MANAGEMENT (DBM)

This is a report on the Navarone Data Base Management for the TI99/4A. This is a very sophicated data management system and requires quite a bit of user learning if the user is not familiar with data bases or file managers. the Navarone people are aware that their manual is not complete enough for a novice user as they are rewritting it. However even a novice user can learn this program in 2 or 3 days if they are willing to experiment and reread the manual a couple of times. The major problems are getting started, once you have set up the data system it is extremely simple to enter and report data. The Data Base Management (DBM) comes as a cartridge with supplementry programs on a supplied disk. The DBM requires at least 1 disk drive and 32K memory expansion. To use you insert the cartridge and the disk, push any key, and select from the menu that is displayed. The menu has 5 options - 1 for TI Basic, 2 for DBM Entry, 3 for DBM Setup, 4 for DBM Sort and 5 for DBM Reports. The first time you use it you must (as in ALL Data Bases) setup the Data Base so select 3. Options 3,4, and 5 are loaded off the disk. The setup allows virtually any screen entry design you wish and also allows a 3 line prompt that discribes each field or entry line that in entry mode can be displayed by FCTN 7 (AID) key so a 2nd user can be prompted when entering data. Also since one field MUST be a unique entry, it is suggested that it be a record number. After designing the screen entry it is run through a auto-formatter to check for errors and if no errors are found it is stored under the TI file name you You also have the option of naming the data file at this time. you do name a data file it will be the only file called up by this format. you give it no name you can use one format for several separate data files. You should design several different screens and use them with small amounts of data to see how this system works before typing in large amounts of data because it is not easy to change the format once data is entered. The setup does allow fields to be numeric and totals to be printed across records. The Entry portion is entered by selecting 2 from the menu and is very straight forward. It can be entered without the disk as it is entirely contained in the cartridge. When you load you screen setup you must give a name to your data file at this time if you did not give it a name at setup. All names must be TI disk file names such as DSK1.ADDR-FORMS or DSK1.ADDRESSES. The data entry is started by typing FCTN 5 (BEGIN) and is only stored if you leave the entry screen with FCTN 6 (PROCEED), FCTN 9 (BACK) lets you leave the screen with no changes, FCTN 8 (REDO) will then goto the next screen. Data entry is extremely fast and writing the data to the disk is also extremely fast. However there is no search function available so you must know the number of the record to find it or hunt by trial and error. The easiest way is to print a report with the record number and fields and refer to it for entry. The Sort program is entered by selecting 4 from the menu and is the weakest

The Sort program is entered by selecting 4 from the menu and is the weakest part of the program. It is an assembly program and is fast but it doesn't allow a very good selection process. You can only select whether the records you sort are "equal to" or "not equal to" your selection and it only recognies capitals so it you want all Smith's it will only look for SMITH'S and will report no matches. You have to ask for all equal to S and eliminate the unwanted S's. However you can nest the sort fields so you can ask for sorted zip codes, alphabetized last names, states, in that order or any other order up to 6 fields.

This is useful for bulk mailing requirements. The sorts are disk based so if you have only 1 disk drive the data file can only fill half the disk as the sort is written to the second half. If you have two disk drives you can sort to the second drive and your data file can take the whole disk. If you have a 10 meg hard disk you can only fill 5 meg and still sort so file size is limited only by storage size.

The last part of the program is the Report selection - 5 - and is the greatest feature of this program. It will allow virtually any piece of data written anywhere on your report with or without a typed comment next to it so you can report either; 'Last Name Smith' or 'Smith'. Also trailing spaces can be eliminated so one name 'Bob Smith' can be produced from two separate fields each 15 characters wide. The report section stores it's report format as DIS/VAR 80 format so you can write a form letter with TI-Writer and fill it in from your data file. It also allows you to use a data field more than once so can use Bob Smith in the address and still use Dear Bob in the greeting and later use Bob in the body of the letter. The only data manager I have seen with a more powerful reporting capability is dBase II and it requires weeks of study to master while this report function can be learned by anyone in one night of use. The report section also allows the use of control codes for your printer so you can take advantage of your printers special features. The biggest disadvantage to the DBM is the inability to select subgroups in a field, i.e. to pull out all records whose zip codes are between 30000-40000. You must make provision in your setup for codes to be entered that can be set equal to or not equal to. However in my opionion the reporting sections is so great that the faults of the Navarone DBM are easy to work around. I cannot think of any home application where this program could not work. This program would also be ideal for many small businesses for inventory , customer orders, printing invoices, or sales reports. The price of the Navarone Data Base Management program is \$64.95 and is available from Navarone Industries, Inc., 510 Lawrence Expwy 800, Sunnyvale, Ca. 94086.