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AUGUST 1983   THE HUGgers NEWSLETTER   INDIANAPOLIS IN

THE PRESIDENT'S CORNER

In this month's column I would like to give some long overdue recognition and thanks to Kirk Ostby for his design programming talents in providing the Hoosier Users Group logo, which you see in the upper left-hand corner of our monthly newsletter. We have received a lot of favorable comments and would like Kirk to know that his creativity, time and programming efforts are greatly appreciated.

Speaking of recognition, the Officers would really like to give recognition for any of the articles, special events, or contributions that occur on behalf of the Hoosier Users Group. We especially want to recognize those renewing members who are helping this group to grow in its scope and capacity to serve you, the TI home computer user.

By the same token, as we increase our communications with other Users Groups, we will also recognize any contributions or information which they should pass along for the benefit of our members. It is only common courtesy to do so since we would expect recognition and the credit for anything that we, the Officers or members of the Hoosier Users Group, would produce and provide to other Users Groups.

Following up on this, I would also like to thank Pat McGraw for his responsiveness to the interest shown regarding the PERCOM DATA TX-99 disk drives. The Hoosier Users Group hopes to evaluate and purchase dual drives since we anticipate heavy use of our Software Library as soon as the documentation on the available programs is complete.

And on that subject, the HUGgers Software Archivist, Dick Frost, is to be commended for all that he is doing to bring you listings and descriptions of the submitted programs. He most certainly deserves our thanks...and our help. If you submitted a program to the HUGgers Software Library (and you know who you are, out there in TI computer land), please write a brief description of your creation and forward it to Dick.

See you August 14th! Don Donlan, HUG President

NEXT MEETING WILL BE AUGUST 14, 1983 AT 1:00 P.M. AT MICRO'S. SEE YOU THERE!

DEMO: Look for a new and interesting aspect to HUGger ingenuity in the demonstration at this meeting. Bill Jones, a HUGger member, of Indianapolis will demonstrate the Light Pen on the 99-4/A.

CONGRATULATIONS

We are very pleased to announce that HUGger Chris Fulton has become one of only two (2) people to ever win both the Junior and Senior Divisions of the Indianapolis Soap Box Derby! That's right; Chris won his Division on July 23rd in his MicroComputers, Inc.-sponsored, super-sleek racer and will now advance on to Akron, Ohio, for the National Runoffs on August 13th. This will be "old-hat" for Chris who represented Indianapolis in 1980-- AND WON! Good Luck, Chris!

EXTENDED BASIC CLASS TO START!!! An Extended BASIC class will be offered to the Hoosier Users Group members this fall by Tom Allington. These classes will be designed for those who are already familiar with TI BASIC. The unique features and capabilities of Extended BASIC will be covered, including sprites, speech, user-defined subprograms, error trapping, input/output, file handling, and linking to assembly language programs. The classes will meet at MicroComputers at 7:00 p.m. on Wednesday's for 6 to 10 weeks, starting on September 7. If you are interested in attending, please leave your name at MCI by September 4. Class space limited to a maximum of 20, so sign up early to reserve your seat!

CARE PACKAGE: The June Care Package includes the January, 1983 99-4/A Software Directory, the June 99'er, and an article about the application of the Hex-bus system to the CC-40 and the 99-4/A computers. Look for the Hex-bus article reprinted, in its entirety, elsewhere in this newsletter. The Software Directory can be seen at MicroComputers or ordered from TI for $5.95 and $2.00 for shipping and handling. Write to: Texas Instruments Consumer Relations; P.O. Box 53; Lubbock, TX 79408, or call toll free: 1-800-858-4565 and please request PN-1049749-1 when ordering.

TEXNET & THE SOURCE TELECOMPUTING

By Bill Jones
Crawfordsville, Indiana

I have been tying into Texnet telecomputing network for several months now, and I and am getting usable information back for the time and money I invest in the service. Plus I enjoy these sessions.

I use the Signalman Mark III Modem and find it works quite well. After 8 hours or so I finally was able to download the screen displays to my printer, and over-come carriage return problems. I learned the hard way by buying time, and found there was little help from The Source or Texnet that dealt with hardware or software problems.

The Source costs $7.75 an hour between 6 p.m. and 7 a.m. on weekdays and on weekends. It is a local call if you can reach Indy from your phone. I use Ma Bell's Televisit service and get 2 hours of no charge use from Crawfordsville and reduced rates after 2 hours. The Source offers some 1800 services to its subscribers including the Texnet Information Service for TI users. I use Texnet to survey new and free programs from the International Users Group. (I have a list of these programs.) You can also get information on TI's latest offerings on hardware and software plus a description of each.

I use The Source services to get complete list of airline schedules and use it to look for the best flight, time, and rate. You can purchase your tickets with a credit card and your TI. Computer shopping through Compustore may "save you up to 40%" on hundreds of items for your home or auto. With a credit card you can have them shipped directly to you from a local distribution center. This could save you more than your subscription rate if you will be purchasing items for your home. My favorite service is the Printwise banner printer and the calender printer which will print interesting and useful art to your printer.

I also carry on Chats with other TI users in other states and share technical information with these subscribers. You can even send electronic mail to anywhere in the world if you have the need.

To connect your TI-99/4A to the world of telecomputing, you will need a modem, RS 232 Interface, and the TE II Module. A printer and disk drive are useful but not essential to g started. Above all, a credit card is a MUST.

If you are interested in telecomputing contact Bill. Also look for an announcement about a telecomputing demonstration in a future issue of this newsletter.

SECRETARY'S REPORT

By Barbara Uhrig

I am in the process of mailing a card requesting newsletter exchanges and the sharing of information to each officially recognized 99-4/A Users Group. If you come across any clubs that are general microcomputer clubs which you feel would be of interest to us, pass on the name and address to any of the Officers and I will write them, too.

The Hoosier Users Group now receives Cin-Day Users Group Newsletter, of Cincinatti/Dayton, Ohio, and Miami County Area Users Group Newsletter, of Peru, Indiana. You may read any newsletters we have received in our files at MicroComputers, Inc.

A letter inviting Ed Wiest, the Users Group Coordinator, to bring his program on TI to Indianapolis is going out soon. Ed's travels will begin in September. I've asked for a 2nd Sunday of the month meeting, but we will have to conform to TI's scheduling. As soon as plans are firmed, we will let you know. At this time, visits consist of a 45 minute new product demonstration, with a one and a half to two hour question and answer session.

The Officers plan to set up a committee of several members in an effort to begin some advance planning for TI's road show and for any future demonstrations of this magnitude. If you would like to volunteer for this committee, please contact the Officers at the August meeting.

CORRECTION: Several typographical errors were found in the July newsletter that shou be corrected now. In the Extended Basic Quirks article, "RUN CS1" should appear as RUN "CS1". In Miami County's Word Search, SUBPROGRAM, PRINTER and MODULE were misspelled. Thanks for bringin it to our attention.

SPECIAL MESSAGE FROM PAT McGRAW!!!!!

Jestion ---- What follows Spring? Summer, of course.... What follows Summer? Fall, of course!
Question ---- When is the "Best of 99'er" coming?
Answer   ---- What follows July?, August, of course..... What follows August? September, of
course?

99'er told me that the NEW date for the "Best of 99'er" is the end of August 1983.....

Tune in NEXT month, same time, same newsletter, when Pat calls 99'er and asks the burning
question ----- "The Best of ??" and 99'er answers "what follows...."

HAPPY ANNIVERSARY!!!

Happy Anniversary to these August 1982 enrollees: Jim Westover, Rich Sceniak, Kay Retchie, Jim
Richason, Paula Lynch, Dave Cowell, Sheila Smith, David Lueck, Mike Oeth, Scott Frosh, Bill
Jones of Indy, Jim Rush, and Don Baker.

WOW!!! We have added our **200th** member to our list in the past month!! Welcome to these new
members: James Gilday, Bill Mehalik, Kevin Wenger, Terrence Yen, Jim & Pat Solenberg, Walter
Kuester, John Coghill, Jr., Phil Kurtz, Theodore Richart, Murl Cahn, Brenda Richmond, Bob
Manville, Robert Loughery, Mark Blaydoe, Marge Rickman, Rob Wilson and Scott Wilder.

LOST SOULS

In an effort to compile a mailing list for the newsletter earlier this year, we have found 4
members who have no documented addresses. These lost souls are: Douglas Allen, Roger Rees,
ick Smith, and Mark Ward. If any HUGger out there in 99-4/A land has contact with these lost
souls, please inform them that their address is needed for club records. Lost souls please
bring your dues receipt to MicroComputers, Inc. and pick up your membership card today. You
have missed out on too much already! Don't miss out on any future newsletters, meetings and
special events; reply today!!!

ACLD REMINDER

On October 14 & 15, 1983, the Indianapolis Chapter of the Association for the Children with
Learning Disabilitites is holding a convention at the Atkinson Hotel. The theme of the
conference is Processing for Tomorrow. One feature is a display of microcomputers and related
software suitable for students. ACLD is asking that computer owners donate their time by seting
up their computers and demonstrating software and simple programming that would be helpful to
children who need more practice than the average child to learn some things. Both space is
available for vendors for a $60.00 donation. If you are interested, contact Barbara Uhrig at
(317)-357-8268, or 7367 East 16th Street, Indianapolis, IN 46219.

BASIC CLASS HONOR ROLL

On July 21, 1983 Jim Richason graduated his second Basic Class. The major class assignment was
to program an accurate Time Clock using the Basic language they learned over the 10 week course.
July 21 was judgement day for the programmers and their Time Clock programs. The graduate with
the most outstanding Time Clock program was Don Lang. Don's Time Clock is the 99-4/A version of
Big Ben. It chimes a sequence of notes at each quarter, half, three-quarter hour, and hour. On
the hour, it chimes the complete sequence and also chimes once for each hour registered. Don
generously donated his Time Clock program to the HUGger Library, and it is saved on the Basic-10
disk. Happy Programming--------Don!!!!!

APPLICATIONS OF THE HEX-BUS SYSTEM

The Hex-bus system is available for both the CC-40 through a built in Hex-bus port and for the 99-4/A through the Hex-bus interface Peripheral, PHP 1300.

The bus transfers up to 25,000 bytes of information per second in 4-bit groups called "nibbles." Each bit travels over one of the four data wires, with a byte being transferred by two transmissions on the bus. The rate of data transfer is dictated by the peripheral being addressed.

The remaining four wires include handshake (HSK), bus available (BAV), ground (GND), and one wire reserved for future use. Communications are initiated between the computer and the peripherals via the handshake signal, which controls the speed of transmission.

The bus structure is designed to allow a master/slave arrangement whereby the computer is the master and the peripheral is the slave. Normal communications is initiated by the computer with a command message to a peripheral. Transmissions on the bus are defined in the context of a "message frame." The design requires that each peripheral be intelligent enough to decode information and bus status and be able to follow established protocol for further information or action. Each peripheral contains a microcomputer for the bus interface and control functions.

A. New Hex-bus peripherals.
  1. Video Interface (HX-1100).
     o Allows access to 40 character by 24 line screen.
     o Operates in a text mode with limited graphics.
     o Two display modes: Scrolling mode and paging mode.
     o Provides "windowing" function for 80 character display.
     o Provides line wrap function.
     o Operates on AC power only.
     o Available 4Q83; SRP is $99.95.

  2. Modem (HX-3100).
     o 300 baud, full duplex, direct connect, Bell 103 compatible.
     o Operates in answer or originate modes.
     o Available in 4Q83, SRP is $99.95.

  3. Old Hex-bus Peripherals.
     o Wafertape drive available Jul 83; SRP is $139.95.
     o Printer/Plotter available JUl 83; SRP is $199.95.
     o RS232 Interface available Jul/Aug 83; SRP is $124.95 (Parallel)
                                                     $99.95 (without).

B. Software
  1. 16K RAM cartridge.
     o CMOS static RAM plugs into CC-40's Solid State Software Port.
     o Available Aug 83; SRP is $59.95.

  2. Memo Processor with Data Communications software cartridge.
     o Utilizes the Hex-bus modem to access the Source, Texnet, etc.
     o Available 3Q83; SRP is $59.95.

  3. Two other new software packages.
     o Chemical Engineering and Mathematics II.
     o Available 4Q83; SRP is $59.95.
     o These packages join 8 previously announced CC-40 packages.

This article made available by Texas Instruments in the June, 1983 Care Package.

P I C N I C

WHO: HUGgers and other valued customers of MicroComputers, Inc.

WHAT: A final fling of summer get-together sponsored by Micro's

WHERE: Eagle Creek Park's Mount Pleasant North Shelter House.   (NOTE: The Park does charge $2.00 per car admission.)

HY: A chance to relax and enjoy some HUGger socializing--plus a chance for MCI to acknowledge our valued customers.

WHEN: Sunday, Sept. 4th, 1983.....Noon to 6pm (Yes, Labor Day Weekend--the last day for public swimming!)

HOW: Partial pitch-in, i.e., MCI will provide meats, breads, cheeses, drinks, ice, and condiments. The Hoosier Users Group will supply utensils, napkins, paper plates, and drinking cups.   Participants bring a "covered dish", such as, veggies, salads, desserts/sweets, etc., plus programming bugs, insects, etc.   To permit proper planning, PLEASE RSVP TO Micro's no later than Friday, August 26th.

****
Special Note: The July 99'er's are in.

MicroComputers now accepts AMERICAN EXPRESS credit cards.

FYI (For Your Information) MicroComputers, Inc. carries **Compute** Magazine.

GOSSIP: The Free P-Box offer from TI may be discontinued at the end of August!!!

COMING SOON FROM MicroComputers!!!!

3M Brand Diskettes --- High quality products at cost-saving prices!

TMS9900 Family Software Development Handbook --- If you want to know about everything from Extended BASIC to Pascal.

W 3RD PARTY MODULES: You asked for it !!! (So come and get it)

Ant Eater -- a "Dig Dug" type game. Fast Action, Good Graphics.

Princess and the Frog -- A fast action "Frogger" game -- with speech! Good game! Now, if I could only get across the pond......

Video Vegas -- Bet your bottom dollar you never knew your TI had such good graphics. Play the slots and win (Ha, Ha, Ha).

Henhouse -- Help farmer MrTI get his eggs into his truck before the fox or thief gets them.

Are you tired of swapping cartridges? Now available --- The **"Widgit"**, as described in the 99'er. You can plug up to 3 modules and select with a rotary switch. Don't turn your computer off and on .... just select. Place your order now, for only $49.95.

For Editor/Assembler users --- the **"DISK FIXER"** is a utility program that accesses disks by "sector" rather than file. The **"DISK FIXER"** fixes blown directories, improperly closed files, and recovers data otherwise inaccessible, for only $29.95!

We need 10 or more orders to obtain **"WIDGIT"** or **"DISK FIXER"**. Please place your orders now!

Have you been looking for an inexpensive printer? The "tough as a gorilla" **Banana** is in! ..... You'll go ape over this machine for only $250.00.

Last month you read about the Percom; now come and see it. If all you want is a disk drive, this little jewel is just right for you! For only $450. You don't have to buy a disk controller or P-Box because the Percom disk drive plugs right into the side of your 99/4A or synthesizer.

Books Now In stock:
   "Kids and the TI99/4A" by Edward H. Carlson
   "Compute's Guide to the TI99/4A" by C. Regena. (Ask for a Demo on the speech program on different languages as heard at the July meeting).
   "Using and Programming the TI99/4A" from TAB books.
   "Programs for the TI Home Computer" by Steve Davis.

More On TI Memory

From COMPUTE!, August 1983, page 14; By Howard Patlik

Many owners of the TI-99-4/A would be interested in determining the exact amount of available memory (in bytes). This two-line program is very simple and can save a lot of hair pulling when you write programs which fill the memory. Here is the Program:

Step 1
Enter the following:
```
 1 A=A+8
 2 GOSUB 1
```

Do not use a variable that has already appeared in the program. For example, if you have used the variable "A" within the program, choose another. Second, the program must work correctly before using this mini program.

Step 2
Once this is entered into the memory, enter the RUN command. The process will take between 15 and 30 seconds to execute, depending upon the length of your program. After execution, MEMORY FULL IN 1 will appear. Now enter PRINT A (no line number) and a value will appear on the screen. This value is the number of bytes remaining in the computer's memory.

To determine the total amount of free memory available. Clear the memory (store your program first) and repeat Steps 1 and 2. The value displayed will be 14536. There are 14536 free bytes available (the mini-program itself uses 40 bytes, so add 40 to the 14536) . The computer is advertised as having 16K bytes. 1424 are used for screen display, etc. So when a program is stored in the memory and you want to determine how many bytes the program used, enter the following:

Print 14576-A

Morning Star Software intros CP/M processor for TI 99/4A

From: Computer Software News, New York, New York

BEAVERTON, Ore.--Morning Star Software is introducing its CP/M processor for use with the Texas Instruments 99/4A computer through mail order, beginning Aug. 1, with a suggested retail price of $595.

A full-page advertisement in 99er magazine will alert end users to the new product.

"We are looking at a market that is somewhat committed," said Lowell Lloyd, Morning Star business manager, citing the one million plus TI home computers now in use.

The CP/M processor requires 32K RAM and is packaged in the same box as other TI plug-in modules. It contains a 5MHz 8085 CPU that works with the 99/4A's 16-bit 9900 CPU. It fits into the expansion box and comes with 64K built-in RAM and an 8K operating system. Lloyd said.

Morning Star is now producing 35 units per month, but expects to ramp up to 800 per month beginning in about six weeks, he said.

Lloyd said the company is interested in pursuing retail distribution, but would require outside financing before mass production can begin. Venture capital is not being considered at this time.

A TI spokesman said TI had not produced a CP/M operating system because "CP/M supports business software and the 99/4A is a home computer."

He admitted, however, that the "CP/M processor gives the 99/4A users an option some of them want."

The following are descriptions for BASIC programs that are on this disk in the library. As a means of describing the size of the program, the number of disk sectors and the number of bytes free with a P-Box and disk drive attached is noted.

dACKGAMMON...Play with a second player or against the computer. An interesting program for those who play the game! (43 sectors, 1154 bytes free)

BOMBER.......You are a pilot in a WWII bomber. Choose which side: Italy, Allies, Japan or Germany. (13 sectors, 8663 bytes free)

CATALOG......A program to tell you what's on the disk using disk drive #1.   (4 sectors, 11179 bytes free)

CATALOG2.....Same as CATALOG but uses your disk drive #2. (4 sectors, 11179 bytes free)

CHANGCOLOR...A changing color pattern that changes forever. (9 sectors, 10039 bytes free)

CHECKBOOK....Enter your check deposits and bank balance. Does your check book balance agree? (5 sectors, 11075 bytes free)

COLOR-BURS...A program of unusual illusions that are pleasing to the eye. 576 trillion combinations! (4 sectors, 1088 bytes free)

COLORCOMBO...Choose any 2 of 16 color combinations for a color display. (6 sectors, 10637 bytes free)

DEPTH-CH.....You drop depth charges a certain depth and in a certain area. You are in charge of the ship's computer that drops the charges. Good hunting! (9 sectors, 9875 bytes free)

ENTERPRISE...The outline of the USS Enterprise appears on the screen graphically. (6 sectors, J775 bytes free)

HOUSEBUDG....This program will "fill memory" and lock up when using a 16K, P-box and disk drive in the system. (43 sectors, 1133 bytes free)

KNIGHT'S.....Is played on a chess board with one knight. Object of the game is to land on as many squares as possible without visiting any spares twice. After you play the game, the computer shows the solution. (24 sectors, 6035 bytes free)

MUSICMAKER...By entering your own numbers in program of four particular lines, you create your own music or just listen the way it is! (19 sectors, 7247 bytes free)

SINKSHIP.....Graphics-No instructions to game given. CAN PERSON WHO SUPPLIED THIS PROGRAM PLEASE SEND A SMALL DESCRIPTION TO THE LIBRARIAN? (23 sectors, 6459 bytes free)

SLOTS........Did you ever want to play a slot machine? Here's your chance to try! (13 sectors, 8071 bytes free)

SPACE-WAR....Space game. P-Box owners: use CALL FILES (1) before loading this one.   (49 sectors)

SPELLRITER...Spoof program of TI's SPELLWRITER, choose your spell! (3 sectors, 11418 bytes free)

IEX-IHELLO...Computerized Othello. A game for two or you against the computer. Do you want an easy or hard play action? Guess the coordinates of the color graphics. (9 sectors, 4840 bytes free)

WRESTLING....Put in two names. Computer determines the winner! (5 sectors, 10928 bytes free)

              A DESCRIPTION OF MANY MORE PROGRAMS IN THE LIBRARY IN THE NEXT ISSUE.

PARTIAL LISTING OF TI HUGGER'S SOFTWARE LIBRARY

BASIC-1	BASIC-2	BASIC-3	BASIC-4	BASIC-5
BACKGAMMON	99ERMAG	BIBLEGAME	ANY-CHAR	BETTHEODDS
BOMBER	BATTLE/SEA	CATALOG	BLOCKADE	BIO3
CATALOG	BATTLERS	CATALOG2	BONES	CATALOG
CATALOG2	BOUNCEBALL	CHANGCOLOR	CATALOG	CATALOG2
CHANGCOLOR	CATALOG	CODE-BREAK	CATALOG2	DECISMAKER
CHECKBOOK	CATALOG2	ENG-TENNIS	CHECK-BOOK	DEVIL-DUN
COLOR-BURS	COUNTYFAIR	EQUATIONS	COLOR	INVASION
COLORCOMBO	CROSSES	FARKLE2	COMGRAPH	LARGE-CHAR
DEPTH-CH	FARKLE	GERMAN	COUNTING	MINER
ENTERPRISE	SIMON	HANG/SPELL	ENEMY	MOTORCROSS
HOUSEBUDG	TERMITE	HOUSEHOLD	MATHTEST	OTHELLO
KNIGHT'S	YAHTZEE	PAR-2	MERRY-NEW	QUEST
MUSICMAKER		ROAD-RACE	MERRYXMAS	SNOOPY
SINKSHIP		SPANISH	N-BLOCKADE	TI-TRADEM
SLOTS		SPEEDREAD	NBLOCKADE	
SPACEWAR		SPELLSCORE	RUSSIAN	
SPELLRITER		STAR-FIGHT	TIHUGLOGO	
TEX-THELLO		TRINOMIAL		
WRESTLING		UFO		

BASIC-6	BASIC-7	BASIC-8	BASIC-9	BASIC-10
BACCARAT	ALGEBRA	CATALOG	AHELLO	AUTOCYPHER
CALL-KEY	ANTIAIRCFT	CATALOG2	BELLS&BARS	CATALOG
CATALOG	ASPIC	INCOMAVG	CATALOG	COLOR-CODE
CATALOG2	BIDMERRY	PANISH	CHANGCOLOR	CONSTELL
COLORDEMO	BLINDMAN1	SNOOPYNOEL	CLOCK	HYPPATTERN
COLORQUILT	BLINDMAN2	SPELLDOWN	COLOR/VIS	KEY-ORGAN
CRAZYLINES	CAPITOLS	STARSPANGL	DRAWING	MURDER
GENEOLOGY	CATALOG	SUBMARINE	ENTRPRISE2	STAIRWAY
GRAPHMATCH	CATALOG2	TI-WARS	LOST/RUINS	STAR-THEME
HUNTWUMPUS	COLORSQUIRE		M/XMAS	STARTREKMD
LARRY	DICE		RHYTHM	TIME-CLOCK
LAST-ROBOT	HAMUARABI		SANTA/C	
LUNAR-LAND	INCHWORM		SINEWAVE	
MONSTER-CB	INCHWORM2		TI/ORGAN	
OTHELLO-2	INCHWORM3			
SCREEN-GEN	KINGOFHILL			
TI-REPORT	STARFIRE2			
TI-SOUND	STARTREK			

POCKET PROGRAM

Here is a short Basic Program to help you calculate payments for simple interest loans:

```
100 REM PROJECTED MONTHLY PAYMENT
110 CALL CLEAR
120 INPUT "AMOUNT TO BE BORROWED  ":A
130 INPUT "NUMBER OF MONTHLY PAYMENTS  ":N
140 INPUT "INTEREST RATE PER YEAR ##.##%  ":I
150 I=I/1200
160 P=A*(I/(1-(1+I)^-N))
170 P=INT(P*100+.5)/100
180 PRINT P
```

ANSWER TO PUZZLE

Here are the twenty words which are found in the puzzle published last month:

Computer	Joystick	Module	Basic	Speech	Cassette	Disk
Monitor	Printer	Program	Sprite	Command	Subprogram	Load
Run	Save	Error	Memory	Characters	Strings	

Puzzle and solution courtesy of Miami Co. Area 99/4A HCUG, 163 West Third, Peru, IN 46970

MINI-MEMORY USERS

A friend of mine sent me a Mini-Memory module so I thought I would give it a try. Well after much trying I still have not found a good practical use for this $89 module. Would any users please share what they use this module for and how it aids them. Look at my dilemma

* I cannot store my Typ-Writer program - it is too long(10K+).
* My Screen Dump is an Extended BASIC program and will not load without the Extended BASIC module.
* It does not allow me to store more names from Name-It or any of the other file storage programs as they are mostly run in Extended BASIC.
* A 4K assembly program won't replace the 10K-12K BASIC and Extended BASIC programs in total performance. Who sells a good 4K program that loads into the Mini-Mem?

OK HUGgers dig in and send in your best reply, or send me your best offer and my Mini-Mem is yours. Bill Jones, Crawfordsville, IN. Editor's Note: Please send reply to the HUGger P. O. Box.

HOOSIER TRADING POST

The format for the Hoosier Trading Post is as follows. There will be a $1.00 charge per ad submitted. Each ad will be used in one (1) Trading Post and will have to be re-submitted to appear in the Newsletter following the first submission. There will be a 90 character maximum per ad; 30 characters wide and up to 3 lines long.

To appear in the September Newsletter, your ad must be in the Post Office Box by August 20. Send your prepaid ad to the P. O. Box on the form below. In the lower left hand corner of the envelope, please write "TRADING POST".

For those who do not wish to submit their phone number, please send ad with the response to the Post Office Box, above, C/O your name.

NOTE TO NON-MEMBERS: Only submissions will be accepted from active, paid up members. Also note that the TRADING POST will only be sent out to active, paid up members.

The Hoosier Users Group is not responsible for the condition of the merchandise sold in the TRADING POST. The Hoosier Users Group is also not responsible for printing errors due to illegible information submitted.

------------ please print ------------   ------------ cut on dotted line ------------

Name_____

Address_____

City_____

State_____Zip_____

Phone (_____)_____

Send To:
HOOSIER USERS GROUP
P. O. Box 34334
Indianapolis, IN 46234-0334

Amount
Enclosed $_____

APPLICATION FOR MEMBERSHIP

Below you will find an application for membership for the Hoosier Users Group. Active membership entitles you to the NEWSLETTER, TRADING POST attendance and voting rights at regular club meetings, access to the HUGger Library of Programs, special club activities and special guest speakers, etc. Subscribing members will receive the NEWSLETTER only.

Notice to Cash Discount Card Holders: Please attach completed card to application and deduct appropriate amount from dues.

Make check or money order payable to HOOSIER USERS GROUP. Send completed application to:

HOOSIER USERS GROUP
P. O. Box 34334
Indianapolis, IN   46234-0334

----------------- please print -------------- cut on dotted line -------------------

Check One:

Active Member
  New: $20_____
  Renewal: $15_____

Subscribing
    Member
  New: $10_____
  Renewal: $7.5_____

Amount
Enclosed   _____

\#_____   D_____
S_____   O_____

NAME_____ TODAY'S DATE_____

ADDRESS_____APT #_____

CITY_____STATE_____ZIP_____

PHONE (_____)_____-_____
INTERESTS/
COMMENTS_____

_____