



HUG

HOUSTON USERS' GROUP
[OF THE TI-99 4A & COMPATIBLES]

July
1987

MEETING SCHEDULE

FIRST SUNDAY OF EVERY MONTH
(2nd Sunday if 1st Sunday
is on a holiday weekend)

HUG TIBBS - (713) 475-8909
24-hour BULLETIN BOARD

AT THE NEXT MEETING

SUNDAY, JULY 12, 1987 2:00 P.M.

St John's School - 2401 Claremont

The July meeting will host a Double-Header event. First, a demo of the new Triton Turbo-PC computer by Kenny Espiau and second, Bob Seddon will give a presentation on desktop publishing and the Word Writer wordprocessing program from Data-Biotics.

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1987 HUG OFFICERS

President --- LARRY PIPKIN... 499-9991
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AN OPEN LETTER TO HUG

It is with some sadness that I write to the group at this time. Most of you know that my family suffered the loss of our youngest son to SIDS, sudden infant death syndrome, on May 5th of this year. You either read about it on HUG TIBBS or word of mouth or found out about it by accident when you telephoned me about the newsletter. Because of the genuine outpouring of caring by many of the HUG members and the officers, I am now writing to thank you as a group. We were very touched by the donation to the National SIDS Foundation by the Houston Users Group in Louis' name.

Adjustments have been necessary in my own priorities resulting in my having to severely limit my involvement in the HUG Newsletter. I will make every effort to contribute as my time permits. Kim Peterson has taken over full responsibility for the newsletter and I am sure will do a fine job. He will need both your support and your contributions of material to continue to keep our newsletter content both educational and entertaining.

Sincerely,

Scott Medbury
Editor

HUG CLASSIFIEDS

FOR SALE

GRAM KRACKER: Like new -- seldom used complete w/ software a bargain for a mere \$200. Leave a message to Bill Rister on THE PHOENIX BBS (713) 537-0741.

- * -

SYSTEM: 2 silver consoles, PEB w/2 DSDD Queue drives, 32K, RS232, Corcomp DD Contrlr XB, Mini-Mem, E/A, TIW, Multiplan, Approx 25 modules, 200 disks of progs, magazines, extra PS for drives, also 300 baud modem. \$550.00
Also:

PRINTER: Comrex 1 daisy wheel printer. This is the Epson version of the Brother HR-1. Speed around 20 CPS. \$150.00
JERRY ILLING (713) 664-7059 (home) or (713) 666-9880 (office)

- * -

COMPLETE SYSTEM: Black & Silver Console, PEB, RS232, TI Disk Controller, 2 SS Drives, 32K, TI Modem, Printer, Joysticks, Cassette, Zenith Monochrome Monitor, spare console, books, disks. \$400.00 - GARY HUX (713) 991-0979 or leave msg on HUG-TIBBS.

FOR SALE

DISK DRIVE: Teac SSSD 1/2 height \$40.00. - WAYNE JOBE (713) 654-6052 or leave msg on HUG-TIBBS.

- * -

SYSTEM FOR SALE: Black & silver console, PEB, TI Disk controller, Myarc RS232, 32K, Speech Synthesizer, MBX system, XB, E/A, TIW, DM-2 and disk software. \$400.00 - ERIK KEELINE (713) 528-1425 or leave msg on HUG-TIBBS.

- * -

TI SYSTEM: \$300 Includes console, PB0X with quiet fan, 32K card, RS232, EA, XB, TI-W, Multiplan, cables, MANY disks, books, mags. Also:

COLOR MONITOR (Adek): \$175, Anchor 1200-B MODEM: \$150 - DON LEWIS (713) 353-5295

- * -

COMPAQ PORTABLE: Like New 640k RAM - 2 floppy drives AST Six-Pack multi-function card. Carry off this bargain for only \$945. Call Wayne Wright anytime @ (713) 440-5119.

FOR SALE

SOFTWARE - NEVER USED (ie NEW): with manuals: 4A/TALK Terminal Emulator \$12.00, GRAPHX COMPANION III \$5.00, MG NIGHT MISSION Game \$6.00 (cassette w/ disk version included on cassette).
Also:

BOOKS IN NEW CONDITION: Best of 99er \$10, BASIC TIPS by Aelist \$12, SAMS Tool Kit Series \$2.50, SAMS BASIC Ref. Manual \$3.50, SAMS Basic Tricks \$2. - BILL KNECHT, leave message on HUG-TIBBS.

WANTED

LISTINGS: Place your free "personal" advertisement here ("current" HUG members only).



330 N. Charles Street • Baltimore, Maryland 21201 • (301) 547-0300

June 3, 1987

T. I. Houston Users Group
Ms. Ruth Herman
6219 Sanford
Houston, TX 77096

Dear Friends:

On behalf of the National Center for the Prevention of Sudden Infant Death Syndrome, I would like to express heartfelt thanks to you for your recent gift in memory of Louis Andrew Medbury, to support medical research into SIDS, our nation's leading cause of death for infants two weeks to twelve months of age. As you may already know, SIDS, more commonly known as "Crib Death," claims the lives of more than 7,000 infants each year in this country alone.

The National Center for the Prevention of Sudden Infant Death Syndrome is dedicated to the elimination of SIDS by supporting medical research into the causes and means of preventing SIDS. The National Center also serves as a central source for medical and scientific information about SIDS; conducts a nationwide public service campaign about SIDS through radio, television and print media; and provides referrals to medical, counseling and parent support services nationwide through a toll free number (800-638-SIDS).

Although the steps toward discovering the causes and means of preventing SIDS have been heartbreakingly slow, medical researchers have recently launched many new studies and are beginning to accumulate a substantial body of knowledge into this mysterious killer of infants. Through voluntary contributions such as yours, the National Center for the Prevention of Sudden Infant Death Syndrome can support the most innovative or most promising research efforts across the country. We have notified Mr. & Mrs. Medbury of your generous gift.

We are grateful to you for sharing our hope that soon the mystery of SIDS will be solved.

Sincerely,

Thomas L. Moran

Thomas L. Moran
President

**"Today There's Hope
Because People Care."**

—Ben Vereen

HUG LIBRARY CATALOG ADDENDUM
June 1987

- 0230 DUTCHMAN'S GOLD**
Cute adventure type game. Uses 2 word commands to overcome the obstacles and find the gold. 63 sectors
- 0231 MONSTER COMBAT**
Battle the monster and get the treasure. Fun game. 38 sectors
- 0232 POKER**
A fantastic poker game by R. Johnson. Excellent graphics. 48 sectors
- 0233 RADIO RATING GAME** Joysticks req.
This is a radio rating game. You try to attract the most listening audience to win. 27 sectors
- 0234 SUPER ANARI**
Move your stones into the pit before the computer does and win. 16 sectors
- 0235 SUPERMAN** TI BASIC CALL FILES(1)
A cute basic game in which you must seek out and find 10 most wanted criminals and destroy them. 48 sectors
- 0236 TAX COLLECTOR**
Try and outsmart the tax collector. Cute game. 16 sectors
- 0237 VICIOUS CIRCLE** Joysticks req.
Avoid the circles while clearing the grid. 12 sectors
- 1132 HYPNOSIS**
This program generates a graphic pattern that will almost hypnotize you. 3 sectors
- 3063 3D-CURVE**
This program allows you to plot and draw a 3-D curve. 23 sectors
- 3064 ALTERNATOR & TRANSFORMER REGULATIONS**
This program can be used to find % voltage regulation of either a 3 amp alternator or transformer. 11 sectors
- 3065 AREA & VOLUME** Printer optional
This program figures the area and volume of geometric figures. 26 sectors
- 3066 555 ASTABLE**
This program calculates the operating parameters of a 555 integrated circuit connected as an astable multivibrator. 5 sectors
- 3067 BINOMIAL DISTRIBUTION**
This program shows 2 sample tests based on the binomial distribution. 21 sectors
- 3068 POLYNOMIALS**
This program allows you to integrate a polynomial, a rational polynomial or the area surrounded by 2 polynomials. 32 sectors
- 3069 BORE**
This program calculates an orifice bore diameter for a specified pressure drop in a given liquid pipe flow. 6 sectors
- 3070 CARTESIAN**
This program lets you make Cartesian plots of arbitrary functions with available resolutions. 11 sectors

- 3071 CIRCUIT88TI BASIC**
This program will design a circuit using the popular 301A integrated circuit and specifications of the circuit will be calculated. 20 sectors
- 3072 CLOSED LOOP ANALYSIS88TI BASIC**
This program will compute the variables used in a closed loop circuit. 14 sectors
- 3073 TEACHER'S HELPER88XB**
This program will figure and analyze averages for a class of students. 34 sectors
- 3074 COILS88XB**
This program gives the number of turns, layers, current and wire size of multi-layer air core coils from required inductance using rectangular or circular bobbins. 10 sectors
- 3075 COMET88XB**
This program calculates the position of selected comets at any date. 16 sectors
- 3076 CONCRETE BEAM88TI BASIC**
This program shows a graphic representation of a concrete beam cross section. 14 sectors
- 3077 CONTEST DUPE FINDER88XB**
This program allows you to prevent the duplication in contest logs of radio call letters. 8 sectors
- 3078 CROSS CORRELLATION FOR CURVES88XB**
This program does a cross correlation between 2 given curves through the use of the least-square method. 6 sectors
- 3079 DIGITAL LOGIC SIMULATOR88XB**
This program simulates digital logic circuits in software. 23 sectors
- 3080 POWER SUPPLY88XB**
This program calculates a power supply filter or azener power supply. 9 sectors
- 3081 DX BEARINGS88XB**
This program will give you the DX bearings, call signs and country for most locations in the world. 44 sectors
- 3082 EKG PATTERNS88TI BASIC**
This program will quiz you over 21 of the most common EKG patterns. 42 sectors
- 3083 ELECTRICAL FAULT CURRENT CALCULATIONS88XB**
This program provides a point-to-point method for short-circuit calculation; 3 phase. 17 sectors
- 3084 ERROR88XB**
This program will determine the error of closure for a given traverse. 18 sectors
- 3085 FACTORS88XB Printer reqd.**
This program will print all combinations of positive factors of positive integers. 3 sectors
- 3086 FIBONACCI88XB**
This program will compute up to 480 numbers of the Fibonacci sequence. 3 sectors
- 3087 FILTERS88XB**
This program calculates the resistor and capacitor values for active filters. 39 sectors
- 3088 FLUID POWER88XB**
This program figures the formula of fluid power. 20 sectors
- 3089 ANTENNA POSITIONS88XB**
This program computes antenna positioning for geosynchronous satellites. 7 sectors

3090 HARMONIC CURVE FITTING
This program performs a fourier analysis on a set of input points representing a set of cyclic curves. 11 sectors

3091 HISTOGRAM ACCUMULATOR
This program will create and store a histogram. 21 sectors

3092 REACTOR KINETICS
This program calculates any variable in equations to compute reactor kinetics. 55 sectors

3093 KRUSKAL-WALLIS TEST
This program tests the hypothesis that the population distribution functions of several independent random samples are identical against the alternative that some populations tend to yield larger observations than others.
12 sectors

3094 LENSES
This program computes the formula for obliquely crossed cylinder lenses. 21 sectors

3095 LINEAR PROGRAMMING
This program solves small linear programming problems. 27 sectors

3096 GREAT CIRCLE
This program will calculate great circle distance & bearing. 6 sectors

3097 MEDICAL CALCULATIONS
This program will figure calculations for people in the medical field. 26 sectors

3098 MOVING AVERAGES
This program may be used to calculate moving averages from time-series data. 7 sectors

3099 NIGHT SKY
This program checks through a master table containing stars and other interesting objects in the night sky and determines which ones are visible at a specific time and date. 34 sectors

3100 OUTLYING OBSERVATIONS
This program tests the hypothesis that the largest or the smallest value of an observed sample is extremely different from the rest of the data. 29 sectors

3101 PARABOLIC REFLECTORS
This program solves 3 types of equations involving parabolic reflectors. 5 sectors

3102 HIGH RESOLUTION PLOTTER
This program will plot the X-Y coordinates for the formula you choose. 13 sectors

3103 POLYNOMIAL CURVE
This program will calculate a polynomial curve using the method of the least squares. 9 sectors

3104 PNEUMATIC CONTROL SENSORS
This program is used to figure temperature and pressures for building pneumatic control sensors. 24 sectors

3105 QUAD ANTENNA
This program produces a custom design for cubical quad antennas. 9 sectors

3106 RADIANT EMITTANCE
This program calculates radiant emittance. 4 sectors

3107 INTERMODULATION PROGRAM
This program calculates the possible mixing components between 4 radio transmitters. 7 sectors

3108 REGRESSION ANALYSIS

This program calculates the regression analysis for matrices. 18 sectors

3109 ROOTS OF POLYNOMIALS

This program calculates the real and complex roots of a polynomial with real coefficients. 10 sectors

3110 SHORTWAVE LOG

This program will store up to 100 shortwave station records per file on disk. 22 sectors

3111 SOLAR INTENSITY

This program computes the solar azimuth angle, solar altitude angle and the intensity of the direct solar beam for any hour of the year. 9 sectors

3112 STATSPAK

This program tests for various statistical entries. 22 sectors

3113 TELESCOPE

This program will help you design your own personal telescope. 7 sectors

3114 TIME

This program will convert universal time to local time. 10 sectors

3115 TRIGONOMETRIC FUNCTIONS

This program will compute various trigonometric functions. 34 sectors

3116 VECTORS

This program calculates vector addition and subtraction. 16 sectors

3117 VOLTAGE DROP

This program allows you to select either a conductor size or the voltage drop for a selected size. 26 sectors

3118 WAVE CALCULATOR

This program calculates wavelengths. 18 sectors

3119 FULL WAVE BRIDGE RECTIFIER

This program calculates the power supply design for a full wave bridge rectifier. 26 sectors

3120 LONG DIVISION CHECKER

This program checks math problems for your children. Submitted by Jim Hutchison. 2 sectors

4288 32K CHECK

This program will check out the memory in your system. 4 sectors

4289 AUTO MAINTENANCE

A super car maintenance record program. 46 sectors

4290 CATALOGER EA/5 Printer required

A super disk catalog program by Larry Duke and Scott Beeker. 36 sectors

4291 HANDICAPPER

This program helps you pick the horses at the race track. 29 sectors

4292 FAMILY TREE Printer optional

This program helps you figure out your family tree. This can be saved to disk and printed out. 30 sectors

4293 FORTH DISASSEMBLER EA/3

A disassembler written in FORTH. Extremely fast. Loads as DSK1.UNIVERSAL. 360 sectors

