HUG

HOUSTON USERS GROUP

JANUARY

1985

HUG TIBBS - (713) 699-2073

24-HOUR BULLETIN BOARD

MEETING SCHEDULE
FIRST SUNDAY OF EVERY MONTH

(2ND SUNDAY IF 1ST SUNDAY IS ON A HOLIDAY WEEKEND)

Next Meeting:

SUNDAY, JANUARY 6, 1985

2:00 p.m.

St. John's School - 2401 Claremont

IN THIS ISSUE...

1985 HUG OFFICERS

President	- BILL KNECHT.... 473-5713	Secretary	- CHIA GREER..... 668-4500
VP/Membership	- DON LEWIS..... 353-5295	Treasurer	- DAVID MATHER... 941-1497
VP/Program	- SANDOR KARPATHY 955-1138	Librarian	- BILL RISTER.... 537-8596
VP/S.I.G.	- LARRY PIPKIN... 499-9991	TIBBS/Sysop	- STEPHEN FOSTER. 691-4545
Exec. asst.	- TOM JAY..... 850-0222	Editor	- CECIL CROWDER.. 487-5530

PRESIDENT'S COMMENTS

I WOULD LIKE TO SAY "THANK YOU" TO EVERYONE FOR ELECTING ME PRESIDENT OF THE HOUSTON USERS' GROUP. I HAVE QUITE A TASK AHEAD OF ME TRYING TO FOLLOW A LEADER LIKE WAYNE WRIGHT, BUT I FEEL THAT WITH SUCH A GREAT SLATE OF OFFICERS TO WORK WITH, HUG CAN CONTINUE TO BE THE SUCCESS IT HAS BEEN IN THE PAST.

AS OF THE FIRST OF DECEMBER, OUR MEMBERSHIP TOTAL WAS AT AN ALL-TIME HIGH AND I HOPE THAT EVERYONE WILL RENEW THEIR MEMBERSHIP. WE CAN ONLY BE SUCCESSFUL WITH THE SUPPORT OF THE MEMBERS. FOUR CENTS A DAY IS NOT MUCH TO PAY TO HAVE ACCESS TO OUR LIBRARY, NEWSLETTER AND THE KNOWLEDGE MANY OF OUR MEMBERS SHARE. AND YOU CAN TELL YOUR FRIENDS THAT YOU ARE PART OWNER IN ONE OF THE NATION'S LEADING ELECTRONIC BULLETIN BOARDS. I'M SURE ALL OF YOU REALIZE THE ADVANTAGES OF RENEWING YOUR MEMBERSHIP AND I URGE YOU TO DO IT AS SOON AS POSSIBLE.

THE OFFICERS WILL BE HOLDING A PLANNING SESSION BETWEEN NOW AND THE NEXT MEETING. BUT WE NEED INPUT FROM THE MEMBERSHIP. IF THERE IS A PARTICULAR AREA YOU WOULD LIKE TO SEE COVERED AT OUR MEETINGS OR WITH A SPECIAL INTEREST GROUP, BE SURE AND LET US KNOW. THE OFFICERS DO NOT RUN THE CLUB. WE ARE THERE JUST TO CO-ORDINATE THE OPERATIONS. IT IS UP TO EACH OF YOU AS TO WHAT HUG DOES.

IF YOU HAVE ANY SUGGESTIONS OR COMMENTS, PLEASE CONTACT ANY OF THE OFFICERS. WE ARE ALWAYS HAPPY TO TALK TO YOU AND HELP YOU WITH ANY PROBLEMS. SEE YOU JANUARY 6TH.

BILL W. KNECHT

RELEASE ME

by Cecil Crowder

The following music was recorded and made famous by Ray Price on Columbia Records in 1954. It was written by Eddie Miller and W. S. Stevenson.

First, you will notice that the format is 28 colums so that it appears on paper the same as on your TI screen.
Second, the program was listed from a running program, so there should not be any typing errors.
Third, all zeros are slashed.
Fourth, the line numbers for the music, (beginning at 1002) are in even numbers. This may not, at this time seem to be important to you, but in debugging music without the sheet music it could save you a lot of time.
You can use the odd line numbers to add PRINT commands.

EXAMPLE:
1001 PRINT "LINE 1002"
1003 PRINT "LINE 1004"

Some of you are wondering, "WHY NOT USE TRACE?"
That is a very logicial question, one that I asked when Bill first told me of this method. I found that this is much easier and faster especially when you are programming in the GOSUB method.

This is written with a positive duration so the ORGAN effect that can be gained by a negative duration is not present, but it is not as choppy as music written in the traditional way where a CALL SOUND command is typed in each time you change a value. The program also requires less space to save and begins running in less time than than the same song programmed in another style.

You will also notice that the values in the CALL SOUND commands are variable. I have been told that there are two things about music programming that are very

-(CONTINUED NEXT PAGE)-

RELEASE ME -(CONTINUED)-
critical. One is the volume of the music and the relationship of the volumes to each other. These volumes are in line 999. To have a close to constant volume on the TI music, "U" (first volume, is usually 2) and the others ("V" and "W") are changed during debugging to the taste of the programmer. (NOTE: different monotors and sound systems will require the volume to be adjusted.)

No. I did'nt forget about the other point of criticism. It is how the music is ended and much of the time you will not want the ending to sound as it is written on the sheet music. This one was not the exception, so I added a fade (line 3600). At this point I also went to a negative duration to stop any chop during the fade.

Many of you may be as I was about two months ago. I had several excuses for not programming music, among which I can not sight read sheet music, and the traditional way of programming takes too long.

I have written a music starter program that I use to save time in programming music. It has a title screen, all the values are variables, CALL SOUND lines to GOSUB to, and a fading end.

I will share this program with anyone desiring it.

RELEASE ME required only an hour and fifteen minutes for me to program and debug with my starter program. Bill could probably do it in thirty minutes, but he sight reads music and types much faster than I do. He reports there was a time he was typing so fast that his computer could not keep up and left a "t" out of another member's name.

Back to the serious side now. All of my music programming can be contributed to the fact that Bill knows that ANYONE can learn to program music, and usually in just a short time.

If you are interested in learning to program music tell LARRY PIPKIN you want to sign up for a MUSIC S.I.G. ... Cecil

```
1 !SAVE DSK1.RELEASE/ME
2 CALL CLEAR :: CALL SCREEN(
3):: FOR CHAR=5 TO 12 :: CAL
L COLOR(CHAR,5,12):: NEXT CH
AR :: CALL COLOR(3,12,1):: C
ALL COLOR(2,5,1)
3 CALL CHAR(40,RPT$("FF00",4
)):: CALL CHAR(49,RPT$("F",1
6))
4 DISPLAY AT(9,1):" ((((((((
((((((((((((((((  (1111111
1111111111111111(  (1111111
1111111111111111(  (1111111
1111111111111111("
5 DISPLAY AT(13,1):" (111111
1111111111111111(  (111111
1111111111111111(  (111111
1111111111111111(  (111111
1111111111111111("
6 DISPLAY AT(17,1):" (111111
1111111111111111(  ((((((((
((((((((((((((((((("
9 DISPLAY AT(11,10)SIZE(10):
"RELEASE1ME" :: DISPLAY AT(1
4,8)SIZE(13):"programmed1by"
 :: DISPLAY AT(16,8)SIZE(13)
:"CECIL1CROWDER"
997 A=110 :: B=116.54 :: BN=
123.47 :: C=130.81 :: CD=139
.59 :: D=146.83 :: DE=155.56
 :: E=164.81 :: F=174.61 ::
FG=185 :: G=196 :: GA=207.65
998 DISPLAY AT(24,1):""
999 T=1500 :: U=2 :: V=4 ::
W=6 :: R=40000 :: P,S=0 :: Q
,TD=1
1000 !@P-
1002 S=S+1 :: X=C :: Y=A ::
Z=F :: GOSUB 3200 :: Z=C ::
GOSUB 3400 :: X=BN :: Y=GA :
: GOSUB 3400
1004 X=B :: Y=G :: Z=F :: GO
SUB 3400 :: X=A :: Y=F :: GO
SUB 3400 :: X,Z=C :: Y=DE ::
 GOSUB 3400 :: X=B :: Z=F ::
 GOSUB 3400
1006 X=D/2 :: Y,Z=B :: GOSUB
 3200 :: Z=F :: GOSUB 3400 :
: Z=B :: GOSUB 3400
1008 Z=D :: GOSUB 3200 :: Z=
G :: GOSUB 3400 :: Z=F :: GO
SUB 3400
1010 X=E/2 :: Z=G :: GOSUB 3
200 :: Z=C :: GOSUB 3400 ::
X=D/2 :: GOSUB 3400
1012 X,Y=C :: GOSUB 3400 ::
X=B :: Y=G :: GOSUB 3400 ::
Z=G :: GOSUB 3400 :: X,Z=C :
: Y=E :: GOSUB 3400
1014 X=A :: Y=R/2 :: Z=F ::
GOSUB 3400 :: Y=C :: GOSUB 3
400 :: Y=F :: Z=C :: GOSUB 3
400 :: GOSUB 3800 :: Y=C ::
GOSUB 3800
1016 Y=E :: Z=G :: GOSUB 340
0 :: Z=C :: GOSUB 3400 :: GO
SUB 3400 :: X=C :: Y=R/2 ::
GOSUB 3400
1018 Y=A :: Z=F :: GOSUB 320
0 :: Z=C :: GOSUB 3400 :: X=
BN :: Y=GA :: GOSUB 3400
1020 X=B :: Y=G :: Z=F :: GO
SUB 3400 :: X=A :: Y=F :: GO
SUB 3400 :: X,Z=C :: Y=DE ::
 GOSUB 3400 :: X=B :: Z=F ::
 GOSUB 3400
1022 X=D/2 :: Y,Z=B :: GOSUB
 3200 :: Z=F :: GOSUB 3400 :
: Z=B :: GOSUB 3400
1024 Z=D :: GOSUB 3200 :: Z=
B :: GOSUB 3400 :: X=D :: Y=
B :: GOSUB 3400
1026 X=C :: Y=A :: Z=F :: GO
SUB 3400 :: X=A :: Y=F :: GO
SUB 3400 :: Z=C :: GOSUB 340
0 :: X=B :: Y=B*2 :: GOSUB 3
400
1028 X=A :: Y=E :: Z=C :: GO
SUB 3400 :: X=C/2 :: Y=C ::
GOSUB 3400 :: X=E/2 :: GOSUB
 3400 :: X=G/2 :: Y=E :: GOS
UB 3400 :: IF S=2 THEN 1034
1030 X=F/2 :: Y=C :: Z=F ::
GOSUB 3200 :: Z=C :: GOSUB 3
400 :: Z=D :: GOSUB 3400
1032 U=30 :: X=R/4 :: Y=E ::
 Z=C :: GOSUB 3400 :: Z=B ::
 GOSUB 3400 :: Z=A :: GOSUB
3400 :: Z=G :: GOSUB 3400 ::
 U=2 :: GOTO 1000
1034 X=F/2 :: Y=C :: Z=F ::
GOSUB 3400 :: Z=C :: GOSUB 3
400 :: Y=D :: Z=B :: GOSUB 3
400 :: Z=G :: GOSUB 3400
1036 Y=A :: Z=F :: GOSUB 340
0 :: GOSUB 3600
2996 !@P+
2997 X=R/4 :: Y=R/2 :: Z=R :
: U,V,W=30 :: GOSUB 3800 ::
FOR TD=1 TO 200 :: NEXT TD :
: !CALL INIT :: CALL LOAD(-3
1961,149) :: END
2998 DISPLAY AT(24,6):"PLAY1
AGAIN? Y/N: N" :: ACCEPT AT(
24,23)BEEP SIZE(-1)VALIDATE(
"YN"):P$ :: IF P$="Y" THEN 9
98
2999 CALL CLEAR :: CALL CHAR
SET :: END
3200 CALL SOUND(T/2,X*4,U,Y*
2,V,Z,W):: RETURN
3400 CALL SOUND(T/4,X*4,U,Y*
2,V,Z,W):: RETURN
3600 FOR TD=1 TO 20 :: CALL
SOUND(-99,X*4,U,Y*2,V,Z,W)::
 NEXT TD :: FOR TD=1 TO 20 S
TEP 2 :: CALL SOUND(-99,X*4,
U+TD,Y*2,V+TD,Z,W+TD):: NEXT
 TD :: GOTO 2997
3800 CALL SOUND(T/8,X*4,U,Y*
2,V,Z,W):: RETURN
```

LOADING FILES

by Cecil Crowder

When I first started loading disk files, I encountered much more difficulty than I had expected. After loading from a cassette with only two commands, I was totally confused at the fact that there were several different loading commands required. It seemed for a while that all I was doing was trying to learn how to load disk files.

Here is the information I have collected.

There are many different types of files and as far as I know all of them may be called up by another file, but what I had become interested in were the files that had to be load initially.
Below is a catalog containing six of these files which I will use for an example.

I	FILENAME	SIZE	TYPE
1	BATTLESHIP	035	PROGRAM
2	HOEDOWN	069	I/V 254
3	LOAD	007	PROGRAM
4	MASSCOPY	044	D/F 080
5	MCINST	044	D/V 080
6	R	015	D/V 163

PROGRAM

Items 1 and 3 are PROGRAM type files and could be in BASIC, EXTENDED BASIC, OR EDITOR ASSEMBLER (option 5). A PROGRAM of more than 050 sectors in size can not be EXTENDED BASIC.

The BASIC load is OLD DSK1.(filename) with the filename not exceeding 10 characters, none of which may be a period. After the file loads then enter RUN to start.
BASIC may also require a module (TE II, E/A, or ect.) plugged into the console then access BASIC. You may want to list the program to see what you need.

EXTENDED BASIC may load the same as BASIC but there are other ways to load also.
RUN"DSK1.(filename)" will load and auto run.
A filename named LOAD will auto load and auto run if it is in drive number one when XB is accessed.

In EDITOR ASSEMBLER a PROGRAM may load and auto start in option 5. The command is DSK1.(filename). If you attempt to load a PROGRAM in BASIC or XB and you crash with a message that there is nothing in memory, it is almost certain to be E/A 5.

I/V 254 (item 2) may be an EXTENDED BASIC file with the size over 050 and if so will load the same as the XB PROGRAM. I/V 254 files may also be a printout documentation file for COMPANION.

D/V 163 (item 6) is an EXTENDED BASIC file that was created by SAVE"DSK1.R", MERGE (R being the filename) and may be merged into another XB file by MERGE DSK1.R. The file must be in the computer memory to merge another file into it. Also be sure the line numbers are different before merging.

MASSCOPY is a D/F 080 file and may be loaded in MINI MEMORY (option 1) or EDITOR ASSEMBLER (option 3). Select the module and corect option, then when you are asked for a filename enter DSK1.MASSCOPY. If the file is not auto start, and this one is not, you will get another filename prompt. If your file has more than one file to load then repeat the above procedure, but if not just press enter. Now you will be prompted for a program name. The most common program name is "start", so just enter START. If all was entered correctly the program will begin to run. If not you may need to start over entering filenames. If you do not have the correct program name it can be found with DISK FIXER but usually the easiest way is read the instructions or ask a friend.

A D/V 080 file (item 5) is, much of the time a printout file to be used with TI-WRITER or E/A printout option.

This has helped me with loading files. I hope it will be of benefit to you also.

OUR PRESIDENT IS FAMOUS

John Taylor wrote an article about three fourths a page long in SHOALS 99'ers newsletter about BILL KNECHT'S ability as a music programer and his friendship toward his fellow man in other User Groups.

Congratulations Bill, we are all very proud of you.

LIBRARY SOFTWARE REVIEW

by Don Lewis

When I played my first piece of music from the HUG library, I was instantly fascinated. And when I listed it, I was instantly baffled. I couldn't figure out how ANYONE could make music from those program lines. There didn't seem to be enough CALL SOUND statements, for one thing! I'm still baffled, but I have become much more aware of how good music for the TI-99/4A sounds, because I have heard and enjoyed so much of it in the last two years. I have just played (for the fifth time) a new piece (program?) by Bill Knecht entitled "Could I have This Dance?" and I think that it is among the best-done music I have heard. Bill uses all the TI voices (they all play, too..more than just rhythm), tremolo, and several other musical effects I can always recognize, but can't name. And as if that weren't enough, Bill gracefully demonstrates his talent for graphics by creating a pair of dancers who move to the music, passing over the title text and BEHIND the edge of the border. The effect is a lot like looking through a framed window at a dance floor. The more you play this one, the more details you notice. Those who have played earlier music programs will remember several things about them: most had a long wait after you entered RUN, many had a separate (large) file for the music (I guess), and a few had distinct pauses between notes as the music played. Bill has created a small (22 sector) program which starts quickly and plays the very smoothly. If you didn't know it was a computer, you'd never figure it out. It's in the HUG library (ask for #616). I think you will enjoy it...Don

TEXAS CURSOR

```
1 !TEXAS CURSOR from GOTO Newsletter of Columbus,GA Users Group; unattributed
2 CALL CLEAR :: CALL INIT
3 CALL LOAD(8196,63,248)
4 CALL LOAD(16376,67,85,82,83,79,82,48,8)
5 CALL LOAD(12288,48,48,63,255,254,124,24,12)
6 CALL LOAD(12296,2,0,3,240,2,1,48,0,2,2,0,8,4,32,32,36,4,91)
7 CALL LINK("CURSOR")
8 INPUT X$ :: GOTO 8
```

IMPORTANT NOTICE

Membership renewal fees are DUE NOW. Pay your renewal fee of $15 and do not let your period of grace lapse. Reinstatements will be as NEW MEMBERS.
Fees may be paid to Don Lewis or David Mather.

PRODUCT REVIEW

"MacInker" Computer Friends
$ 54.95 up 6415 SW Canyon Ct., Suite #10
VISA MC Portland, Oregon 97221
Accepted 1-800-547-3303

Tired of buying high priced printer ribbons? So was I! Recently, a solution was found in the form of the "MacInker". The device is simply a platform on which a motor driven gear turns your ribbon as it passes between two inked rollers. Specific models are built for each type of printer ribbon manufactured. Documentation is very thorough. Included with the literature was a print sample which was stated to have been made with an Epson ribbon which had been re-inked 29 times.

To freshen a ribbon, simply thread your ribbon between the two rollers, place the cartridge or spools over the driver gear, put two or three drops of the special lubricating ink into the spool reservoir and turn on the switch. In 30 to 40 minutes, depending on your ribbon length, you have a fresh ribbon. Let it stand overnight, and it is as good as new! Uninked ribbons and colored ink are also available for those requiring multicolor printouts.

Prices start at $ 54. 95 and at first glance seem steep (with a pint of ink and shipping, mine cost $ 83). But consider this. I use a minimum of one ribbon a month, which amounts to $ 120 per year. Recently, I made a production run of 110 library catalogs, which required 6 ribbons ($ 60). At that rate, it didn't take long to recoup my investment. And, my ribbons show no signs of wear and appear as good as new!

Now, what can I buy with my savings? Hmmm....

Bill Rister

LIBRARIAN'S ROM

I would like to take this time to say that I've really enjoyed working as your librarian this past year and to thank all who have helped in this endeavor.

This past year has seen the library grow threefold thanks to the efforts of our members. And, as a bonus for contributing, many members have received four programs for each program submitted. Two members (Bill Knecht & Stephen Foster) have done yeoman's work in contributing and as a result are still due a combined total of 792 programs. Congratulations fellows!

If you are purchasing programs from the library, stop and check your personal library. I'll bet that you have something that you can share with your fellow members. Many utility routines that you have written are often overlooked. We are also looking for programs in LOGO. At this time, we have none in the library. I have often been asked "Do you think this would be good enough for the library?". Remember, if it works for you, someone else is probably looking for the same thing!

Let's keep those programs coming and continue to make HUG the best in the world.

FOR SALE

FOR SALE: External DS/DD DRIVE with case, power supply, and cable. Call CHUCK at 498-2927

M & S COMPUTER SYSTEMS
MIKE & SHERRIE MATULA
15918 CAVENDISH DRIVE
HOUSTON, TEXAS 77059
713-486-0224

M & S COMPUTER SYSTEMS WOULD LIKE TO EXTEND OUR WARMEST GREETINGS AND SINCERE WISHES FOR THE HOLIDAYS. WE THANK EACH OF YOU WHO PATRONIZED OUR BUSINESS SUCH THAT WE COULD OFFER THE WIDEST SELECTION OF TI PRODUCTS AT DISCOUNT PRICES. WE LOOK FORWARD TO SERVING YOUR NEEDS IN 1985 AND WILL CONTINUE TO SUPPORT THE TI-99/4A AS NEW PRODUCTS BECOME AVAILABLE. SINCE WE WILL BE UNABLE TO ATTEND THE JANUARY 6, 1985 HUG MEETING AND SET-UP OUR MINI-STORE, WE WILL BE GLAD TO SHIP ANY ORDERS DURING THE MONTH OF JANUARY.

HAVE A MERRY CHRISTMAS AND A HAPPY NEW YEAR!!!

MIKE & SHERRIE MATULA

JANUARY/FEBRUARY SPECIALS

GEMINI 10X DOT MATRIX PRINTER	$274.95
STAR POWER TYPE DAISY WHEEL PRINTER	385.00
"SUPER SKETCH" GRAPHICS PAD	42.95
CORCOMP DOUBLE DENSITY DISK CONTROLLER	164.95
VERBATIM VEREX DISKETTES(10/BX), SSDD	15.49
VERBATIM DATALIFE DISKETTES(10/BX), SSDD	19.49
TI-99/4A AUTO SPELL CHECKER(USE W/TI WRITER)	42.95
COMPUSERVE STARTER KITS(INCLUDES 5HRS FREE)	26.95
2 TEAC 1/2 HIGH DISK DRIVES W/ MOUNTING KIT	324.95
MBX EXPANSION SYSTEM(2 IN STOCK!)	71.95
AMA TERMINAL EMULATOR PLUS(110-4800 BAUD)	32.95
ROLLTOP 100 DISK STORAGE FILE,HOLDS 120 DISKS	28.95
ALL BOOKS IN STOCK	10% OFF
$2.00 OFF ALL DISK STORAGE SYSTEMS(50+ CAPACITY WITH PURCHASE OF BOX OF DISKS.	

WE SHIP UPS OR TEX PACK. ORDERS CAN BE PREPAID OR SHIPPED COLLECT.

EDITOR'S ROM

I would like to thank all of you for allowing me to be your HUG EDITOR '85. This first newsletter has been a challange to say the least, but I am sure it will be to my benefit as there are many things that I have already been required to learn.

My personal thanks go out to all those which have helped with articles ect., including help to me in the way of advice and instructions.

A few meetings back the question was brought up for an easy way to reset the lower case letters. The advice was to turn the computer off. I immediately programed a three line program to meet this need but it required about ten seconds extra to execute. Thanks to ROM NEWS LETTER (USERS GROUP OF ORANGE COUNTY) we now have a call load which resets the system and calls load program.

```
CALL LOAD(-31962,255)
```

MINUTES

December 2, 1984

President Wayne Wright welcomed the group to the General meeting announcing the main items of business being the election of new officers for the coming year and the Holiday party to be held following the meeting. He stated that normally officers' reports would be presented at this point; however this was set aside in order to introduce the candidates and hold the election. Before those introductions, copies of a proposed annual budget was distributed for study and discussion. It was noted that HUG could not meet the expenses as proposed without either trimming the budget to fit the income, or increasing annual dues. After discussion of certain budget items (such as upgrading TIBBS) it was moved and seconded that our annual membership fee be increased by $5 per person to an annual membership fee of $15 per person. Motion passed.
The $15 renewal membership fee is effective January 1, 1985; the Treasurer requested that membership fees be held until the current year's books are closed, but we were reminded they are due as soon as possible after the first of the new year.

The question was raised as to when Mark Chance would be issuing his newsletter (4A TODAY) since many have subscribed, but no one has received a copy since the September issue. Wayne Wright offered to check it out.

The following slate of officers were elected by acclamation:

President: Bill Knecht
VP/Membership: Don Lewis
VP/Program: Sandor Karpathy
VP/SIG: Larry Pipkin
Secretary: Chia Greer
Treasurer: David Mather
Librarian: Bill Rister
Newsletter Editor: Cecil Crowder
Executive Assistant: Tom Jay
TIBBS SYSOP: Stephen Foster

By vote of the group, Wayne Wright was awarded a lifetime membership to HUG in recognition of his service to the organization. Incoming President Bill Knecht presented proclamations to outgoing officers Wayne Wright and Jane McAshan.

Tom Dasenbrock gave a comprehensive demonstration on 3" disk drives. Then it was announced that that Jane McAshan and Mike Matula would be attending a Consume Electronics Show in early January and suggested that the January meting be delayed one week so a report could be made on the Show; however the group voted to hold the January meeting as scheduled.

Wayne Wright gave information on TI's discounted price on TI Professional Computers to Users Groups and said there would be additional information forthcoming.

Member Jim Majeski told of his trip to New York and his attending a Users group there.

The meeting was adjourned for the party.

Respectfully submitted.

Lu Duvall, Acting Secretary

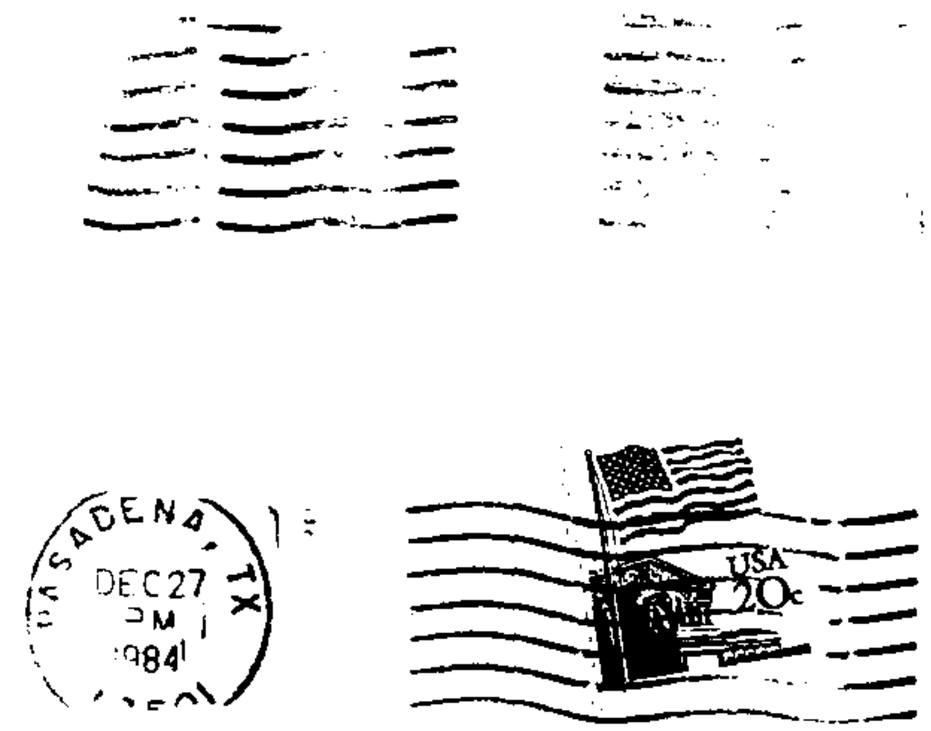
HUG LIBRARY ADDENDUM
January 1985

142 MATCHSTICKS#XB The object is to remove matchsticks from the pile. You play against the computer. The player leaving one matchstick on the board first wins. After 12 continuous games, you cannot beat the computer! 11 sectors
143 LOCOSPRITE#XB A good early learning game by Barry Travor. Type in word commands to make the sprite change shape, size, color, and directions. 11 sectors
608 GREAT SONGS#XB, Disk Rqd. Menu-driven program with graphics by Bill Knecht plays Sink The Bismarck!, Mandy, Can't Help Falling In Love, Lookin' For Love, Green Green, Wings Of A Dove, Houston, Wedding Song, Just As I Am, Cool Water, The Lord's Prayer, Hallelujah Chorus, and Church In The Wildwood. 280 sectors
609 HALLELUJAH CHORUS#XB Smooth music with graphic drawing of the choir. 20 sectors
610 CHURCH IN THE WILDWOOD#XB Scene of church while music plays. 18 sectors
611 JUST AS I AM#XB, Disk Rqd. Church scene with smooth organ music. 19 sectors
612 COOL WATER#XB Animated title screen with smooth music. 16 sectors
613 O, HOLY NIGHT#XB, 32K & Disk Rqd. Words scroll up the screen as smooth music plays. 60 sectors
614 MERRY CHRISTMAS#XB Displays "MERRY CHRISTMAS FROM (Your Name)" with an animated christmas scene while randomly playing "Silent Night", "We Wish You A Merry Christmas", and "Joy To The World". To stop, hold down any key as any tune ends. 45 sectors
615 BUT YOU KNOW I LOVE YOU#XB Nice version of Kenny Rogers' tune. 22 sectors
616 COULD I HAVE THIS DANCE#XB One of Bill Knecht's best. 22 sectors
617 ONE DAY AT A TIME#XB Based on Kris Kristofferson's song. 15 sectors
618 WHY ME?#XB Another of Kris Kristofferson's tunes. 23 sectors
619 CHRISTMAS MEDLEY#XB Ziggy snowscene with a good selection of Christmas songs. 36 sectors
620 RONDO#XB Another San Moore Jr. great! 39 sectors
621 HAVE A HOLLY, JOLLY CHRISTMAS#TI-B Singalong words to a novel tune! 23 sectors
622 STARWARS#TI-B Music Maker Cartridge & Cassette Rqd. Musical composition by Matthew Cowan plays the theme from Star Wars. Cassette Tape Only
623 CAROLINA MOON#XB A great rendition with graphics by Earl Dodd & Jim Peterson. 31 sectors
624 SANTA CLAUS IS COMIN' TO TOWN#XB Santa's face with the title song. 25 sectors
625 SILENT NIGHT#XB Smooth music with star scene. 19 sectors
626 SILENT NIGHT#XB Music with night scene. 17 sectors
627 SILVER BELLS#XB Music with graphic title screen by Gerry Myers. 13 sectors
628 JINGLE BELLS#XB Title screen with three large bells. 18 sectors
629 ROCKY TOP#XB Smooth music with animated title screen by Cecil Crowder & Bill Knecht. 15 sectors
630 RELEASE ME#XB Country music with title screen by Cecil Crowder. 10 sectors
1124 TI DIVISION#XB An elementary grade level division learning program by Chris Bobbitt with graphics & sprites. If an incorrect answer is given, you told so and then given the correct answer. You are also rewarded for a correct answer. 16 sectors
1369 WORD WRAP#XB How many times have you forgotten to hyphenate a word in your extended basic program text? This subprogram utility by Barry A. Traver produces an automatic word/wrap in your text. 4 sectors
1370 PROGRAM CHECKER#XB Disk Rqd. Did you ever wonder why your typed-in version of a magazine program runs and your friend's won't? This program by Barry Travor is useful in checking whether two programs are identical or different and, if different, what lines are different. Be sure to read the REM statements in lines 1-13. 13 sectors
1371 ACE#XB Disk Rqd. Assembly Converter to Extended converts the Object of an Assembly Program into an Extended Basic Program. The Assembly Program MUST be suitable for Extended Basic environment and MUST NOT contain any AORG. 29 sectors
1372 DISK INDEXER#XB Disk Rqd. Revision of Mie DeFrank's cataloger program by Maurice & Cecil Crowder allows you to add comments beside each program in yor catalog print-out. 27 sectors
1373 DISK LABELS#TI-B Disk & Printer Rqd. Prints Disk Catalog on 1" labels with small print. 9 sectors
1374 SLEEVE CATALOG#XB Disk & Printer Rqd. Prints Disk Catalog with cut-and-fold lines to custom-make your own disk sleeves. 12 sectors
1375 SPEECH FUN#TI-B TEII & Speech Rqd. This fun utility program by Phil Valentine allows you to type in words or sentences and have them spoken immediately. Also has prepared phrases for answering the phone or whatever. 13 sectors

O O P S !

100 SUPER STARTREK#XB Thanks to Mark Chance for finding an error in line 8080. Correct your listing to read: 8080 F$="" :: IF HA)1 THEN F$="s"
759 SEAHORSE#TI-B Delete this program from your catalog listing. It is a duplication of program 704.

CECIL CROWDER
P.O. BOX 5310
PASADENA, TX. 77508-5310



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