

CLEVELAND AREA TI-994/A USER GROUPS NEWSLETTER MAY, 1991

OFFICERS	NORTHCOAST	TI-CHIPS	MEETING DATES
CO-PRESIDENT	BOB KAGY 1-255-2609	MATT ANDEL 676-9759	NORTHCOAST 1:30 P.M. TI-CHIPS 10 A.M.
CO-PRESIDENT		GLENN BERNASEK 238-6335	EUCLIDIAN ROOM N.ROYALTON LIBRARY
TREASURER	FRANK JENKINS 283-8526	LIN SHAW 235-3912	EUCLID SQUARE MALL STATE RD & RT 82
MEMBERSHIP	MARTIN SMOLEY 1-257-1661 6149 BRYSON MENTOR, OH 44060	JOHN PARKEN 331-2830 4172 W. 217TH ST. FAIRVIEW PARK, OH 44126	THIRD SATURDAY THIRD SATURDAY MAY 12 - TI-CHIPS ONLY
SECRETARY	BERNIE ZUCKERMAN 381-4088	DENNIS LIKENS 842-9627	JUNE 15, 1991
LIBRARY(DISK)	MARTIN SMOLEY 1-257-1661	HARRY HOFFMAN 631-2354	JULY 13, 1991
TAPE & MODS)	FRANK JENKINS 283-8526	JOHN PARKEN 331-2830	AUGUST 17, 1991
HARD COPY)	DICK ALDEN 1-352-9172		SEPTEMBER 21, 1991
			OCTOBER 19, 1991

FROM THE EDITOR'S DESK:

As you can see, the newsletter has a different 'look' to it this month. This is thanks to Art Gibson who has written a graphic and printing program aimed at newsletter editors. I have tried to use it as much as possible as well as write up a review of its features. This is an exceptional program for our machine.

I also received a 'preview' of a new card printing program written by Paul Coleman who has given us Giant Artist Posters and Designer Labels. Before you ask why we need another card printing program, you will have to see this one. It is the best yet! Sister Pat has been beta testing this program and was kind enough to send me some samples. Was really impressed! You can use Artist Instances and Artist fonts for an unlimited supply of graphics and fonts. You are not limited to the small size of Card Maker and TIPS.. I can hardly wait until this one is released!

Did you see our own Bruce Rodenrich in print in last month's MICROpendium? His article from our newsletter was reprinted in the March issue.

According to a conference with Chris Bobbitt on Genie, Mike Matsmit will not be marketing his MIDI interface thru Asgard, but will be setting up his own company.

This month's Micropendium states that Richard Lynn Gilbertston of Portland, OR has developed a new version of XBASIC that is compatible with the current XBASIC, but is much faster with an additional 157 commands. Evidently there is already a GRAN version available, and it will soon be out in a cartridge. However, no cost was given.

Many thanks to Wes Richardson for doing an index of

articles from 1989 through 1990. This is a project I had wanted to do, but had not had the time.

It has been a long time since we have NOT had someone writing a series of tutorials. How about it. Isn't there someone who would like to share their experience with a certain program. Or, it would be great to have someone take programs from the library and give it a good (or bad) review. Our librarians say that the membership does not use the library all that much. For a dollar a disk, you could get programs just to 'see how they run'.

Don't forget that CHIPS will meet a week early (in the afternoon instead of their usual morning time) because of the Lima meet and NorthCoast will not meet at all in May. Hope to have a good turnout at Lima. The preliminary lineup sounds interesting as usual. It is great to visit with people from the other groups, find some bargains and pick up the latest software.

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TI-CHIPS Executive Notes

APRIL'S meeting was called to order at 10:30 by Matt. 20 people were on hand to hear the reading of our March meeting minutes. A correction was made about the home of EDS. It's not southern Calif., but in Washington D.C. (sorry). NOTE: OUR NEXT MEETING IS AT 2:30, MAY 11 due to the Lima conference on the 18th. The North Royalton library gave Glen (VP) a couple of consoles, a couple of speech synthesizers, some cables, modules and disk software that they no longer needed. These items will be raffled off at a later date but some of the members purchased a couple of hardwares before the meeting ended. A WARM thanks goes to the North Royalton library for this generous gift. DISKS: Harry sez to leave those protection tabs on the disks you get from the club's library so they wont get erased by mistake. First thing to do is make you a copy, put the original disk away and continue on. Harry also has many disks to add to the library but just not enough time to complete this task.

MEMBERSHIPS/MODULES/CASSETTES: John reported 11 renewals were completed at the time of this writing. Check your membership for termination to ensure it's taken care of ontime. John stated that a new magazine is amongst us called COMPUTER CRAFT. For a free sample copy, give John your name and he will submit it for you. The contents are computer related, projects and hardware stuff for all sorts of things. Good resource for hardware is appears. John Hopkins University has a contest worth \$10,000.00 to anyone who comes up with the most helpful/innovative program to assist the handycap. If you remember many years ago, TEXAS INSTRUMENTS produced a modified keyboard for the 99 so people with limited use of hands could use a computer. John also donated a composite monitor to the club's system. THANKS JOHN.

TREASURY: NO NEWS LETTER BILL THIS MONTH so we are up to \$1313.31.

MISC: GLEN passed around a questionnaire to find out our SIG (special interest group) needs. Everyone at the meeting could list what they needed help in and also to list what they were good at. If you didn't attend the meeting but would like to give your 2 cents worth, advise GLEN. GLEN will be giving away TICHIPS disks at the LIMA meeting this year. They were such a hit last year. A motion was made to investigate the membership of a new BBS being brought on line in COLUMBUS OH, sysop ELVIN HOTT. This BBS will be a pool of articles from various

newsletters from all over covering out TI/GENEVE computers. When more facts are obtained, all members will be informed. Myself and Ron Marcus of RamCharged computers have volunteered to call this BBS and obtain articles of interest to the club's members. The yearly membership fee is \$15.00 not including toll call. Again, more info is to be obtained before this is finalized. (NOTE FROM DEANNA: The yearly charge is \$30.00. Assumed it would be split between CHIPS and NORTHCOAST. We would UPLOAD our newsletter articles to them and in turn would DOWNLOAD articles we might be able to use in our own newsletters. I would assume there would be some software available for downloading, but this is NOT the purpose of the service. It is to be an aid in getting information out to clubs on a more timely basis. There will be information on this at the conference in LIMA in May.)

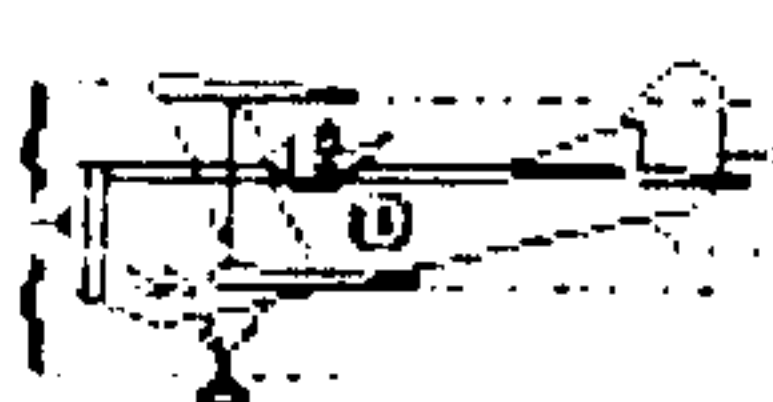
DEMO'S: Myself, demo'd COLUMNTEXT IV (V4.1) and MARGINTEXT III (V3.1) by Ron Prewitt 6429 South Fife, Tacoma, Wa 98409. CT allows you to print a D/V80 file in 2, 3 or 4 columns with right justification. When the program loads (XB) you get a nice title screen where you can select the type of printer (3 choices are give, Epson RX80, Gemini 10x or Panasonic kxpl090. Then number of columns, to justify, a title option, print quality and paginate. I could go to great detail about this program but feel it needs a write up on it's own. Since I have just started to use this program, I really enjoy it. The MT program is used to re-margin your D/V80 files to the margin you want. You have the option to use this file with CT or just as a margin setter. If you have your margins already set in TIW, this program is not needed. Ron asks a donation of \$5.00 for each program. MT is a must and can be added to the Funnelweb loadup. Ask Harry for ZZ32 of the clubs library for this fine program. Mark McCauley demo'd COPY-C. A sector/disk copier/editor. Written by Christopher Winter of Germany. The version is 1.8 and is a copier of those funny sector disks.

EXTENDED BASIC: Sorry for the disappointment, Les didn't have time to do his thing this meeting because of all the items that were discussed but tune in next time folks, same XB time, same XB channel. Ron Marcus won the raffle of 10 disks from the chips library. Congrats. Well, till our MAY 11 meeting at 2:30, 73's (for you hamops).

FOR SALE:



Out Sheet Feeder For IX 10
Printer. New in box Paid
\$9.00. Asking 25.00
MARTY MOLEY
6149 Bryson Drive
Henton, OH 44060



EXECUTIVE NOTES

NORTHEAST 99ERS

The meeting was led by our lonely co-vice president Bob Kagy. Since no one volunteered to fill Steve Bagstad's position, Bob stated that he would do his best and asked for help with finding people to do demos.

There will be no meeting in May due to the Lima Conference. Be sure to attend if at all possible. This has to be one of the best "free" TI event around. The Lima people do a class job.

Frank Jenkins and Marty Smoley reported our treasury and membership are holding their own, but we have started to see a slight decline and should keep our spending to a minimum in order to ensure that we can continue to print a monthly newsletter as long a possible into the future.

Deanna Sheridan Demo'd PC TRANSFER - a utility to transfer different files between the TI and IBM compatibles. PC Transfer can handle ASCII (text), graphic (MACFLIX, GIF) and TIFILES(TI XMODEM). It is written by

J.P. Hoddie and costs about \$25.00. A handy utility for those who have both machines. It requires a NYARC or CORCOMP disk controller due to the necessity that most IBM files are on double sided diskettes.

Walt Ryder followed with a demo (which I apologize, I did not see and cannot report on...)

Harry Hoffman will demo NEWSLETTER PRINTER at the June meeting. It is being used on this newsletter, and it is a super program for mixing text and graphics. Even though it is written expressly for newsletter editors, it is versatile enough for other uses, and I hope we have a good turnout.

If you can't go to LIMA and need a TI fix in May, I am sure the CHIPS people would welcome you at their meeting on the 12th!

See you in LIMA on the 18th!



LETTERS, LETTERS
LETTERS
LETTERS, LETTERS

Dear Frank and the NC99 Group,

Thanks for your vote of appreciation for our Funnelweb efforts. I suppose I would have done some of Funnelweb anyway .. some people climb mountains for the hell of it too .. but still it has been the letters from people all over that has been the spur to new developments and even just polishing of programs.

I'll enclose the latest modifications to FW. I recently turned up some bugs in the error paths of the various object loaders, so I've fixed these and improved the error handlers, especially in Script-Load. I've sent these off to Charlie Good, but here is one direct. I'll make it the full set of files on DSDD just for completeness.

This came out of the current project to rewrite the 80-column editor. So far this is in the "several steps backward before going forward" category. The bugs introduced so far have been turly horrendous .. or maybe I'm just getting older and slower.

All the best for the TI-99 in Cleveland.

Tony McGovern
215 Grinsell St.
Kotara, NSW 2289
Australia



NEWSLETTER PRINTER

DEANNA SHERIDAN
NORTHCOAST 99ERS
CLEVELAND, OHIO

We have all been amazed at what Ron Wolcott has done with the TIPS program and now people who enjoy mixing text and graphics, especially newsletter editors have an exciting new program written by Art Gibson of Rockwood, TN.

SWITCH FROM ONE COLUMN PICA TO TWO COLUMN PICA

You can mix text and graphics, change from one to two columns at will and change from pica to condensed as many times as you wish within an article. You can print your graphic to the left

side of the page, center (as above), or the right side. Up to three graphics can be printed on a line as long as they do not exceed the page width.

THREE GRAPHICS ACROSS!



You can even print your graphics in double size if you want to catch someone's attention!



ONE SMALL!



ONE LARGE!



SWITCH TO CONDENSED TWO-COLUMN

As you can see, the picture on the left is printed in normal size, while the picture on the right is double size! Because an Artist Instance can be as large as your

screen, you can do a lot of illustrating with headlines and graphics!

Since we exchange newsletters with Art's group, I know he has been working on this gen for at least 2 years. I hate to imagine the hours that have been put into this program. How did he accomplish it! He has written a new formatter with dot commands. Some of them you will find familiar and some will be new. You can write your own printer driver in case you have a printer that is just "a little different" than anyone else's.

The disk contains 9 pages of instructions which are printed directly from the NEWSLETTER PRINTER program. Let's take a quick tour so that you can see how easy this program is to use. It is everything that FONT WRITER should have been and then some!

First, you don't need to worry about margins, just start typing. If you choose 1 column pica, you have available 72 characters per line, and if you choose 2

column pica, you have available 34 characters per line. Choosing 1 column condensed will give you 122/118 characters per line, and 56/54 characters per line in 2 column condensed.

You have 3 graphics available at a time and they must be defined with a dot command of .G1, G2, or G3. If you are finished using one of these and want to redefine it with another name, you have an unlimited choice of graphics. Simply use the dot command .G1 DSK2.NEWS_1. Then when you want to use it, you use another dot command .GR. .GR 0,1,0 will print the graphic centered in the middle of the page. .GR 1,0,0 prints to the left, and of course a .GR 0,0,1 prints to the right of the page. .GR 1,2,2, prints graphic #1 in normal size and graphic #2 in double.

CUSTOMIZED PRINTER DRIVER FROM DEFAULT FILE

From the default file, you can create customized printer codes for Bold, back space, double print, superscript, italic, line feed of 1/6", line feed of 1/9", subscript, condensed, graphics, pica, print width, and underline. There are three open codes for those who have printers that have special options or fonts. I can't remember when I have used italics, superscript or subscript. Thus, you could redefine these codes for those you might use more often. With my XR1000, I can print double high, double wide, or quad high, or even for adding color to my productions would some options I might substitute.

PREVIEW FEATURE

The opening screen of NEWSLETTER PRINTER has a feature to preview a document before printing. You do not see the graphics, but the space they will use and how the page "fits". I also made an "undocumented" discovery when putting the program on my ram disk. Art's opening screen looks somewhat like the screen you used to get with TI modules and has 1. NEWSLETTER PRINTER and 2. DM1000. I found that when you hit FCTN 0, you were in "EDIT" mode of this menu and could add as many programs as you would like. They will default to the current drive. The file is UTIL1 and I assume that if you wished, you could use it as a menu for other programs.

The hardest part of using this program will be to find just the right font or headline suitable for your article. This is one of the easiest programs I have seen

for what it accomplishes that we have had for a long time.

I will try to use this program as much as possible in the Cleveland newsletter. However, even though it does not take that much extra time to print, there is a lot of time involved in "layout", and I may not be able to use it as much as I would like.

THANKS, ART!

We should give a BIG round of applause to Art Gibson, 439 W. Rockwood St, Rockwood, TN 37854. Phone (615-354-1931). (I am sure that after spending two or more years on this project, a little "green" in an envelope would be appreciated also.)

TI ACRONYMS 01

by WESLEY R. RICHARDSON, APRIL, 1991
NORTHCOAST 99ERS, CLEVELAND, OH

The following is a partial list of acronyms commonly used in the TI and computer community.

AI Artificial Intelligence	GROM Graphics Read Only Memory
ALGOL Algorithmic Language	HCM Home Computer Magazine
ALU Arithmetic Logic Unit	HFDC Hard and Floppy Disk Controller
ANSI American National Standards Institute	HRD Horizon Ram Disk
AP Array Processor	I/O Input/Output
ASCII American Standard Code for Information Interchange	IC Integrated Circuit
B/S Black and Silver	ISO International Standards Organization
B/W Black and White	K Thousands
BASIC Beginners All-purpose Symbolic Instruction Code	LCD Liquid Crystal Display
BASIC Beginners Algebraic Symbol Interpreter Compiler	LED Light Emitting Diode
BBS Bulletin Board(s)	LF Line Feed
BCD Binary Coded Decimal	LISP List Processing
BIT Binary digit	LOGO a programming language
C a programming language	LSI Large Scale Integration
CMOS Complementary MOS	M Millions
COBOL Common Business Oriented Language	MDOS Myarc DOS
CPU Central Processing Unit	MIPS Millions of Instructions per Second
CR Carriage Return	MM Mini Memory module
CRT Cathode Ray Tube	MM/DD/YY Month/Day/Year
CSGD Character Sets and Graphics Design	MODEM Modulator and DEModulator
CTRL Control	MOS Metal Oxide Semiconductor
DM1000 Disk Manager 1000	MOV Metal Oxide Varister
DOS Disk Operating System	OCR Optical Character Reader
DRAM Dynamic RAM	PAB Peripheral Access Block
DSDD Double Side, Double Density	PAL Programmable Array Logic
DSKU Disk Utilities	PASCAL a programming language
DSQD Double Side, Quad Density	PC Personal Computer
DSR Device Service Routine	PC Printed Circuit
DSSD Double Side, Single Density	PC Program Counter
DV80 Display Variable 80	PCB Printed Circuit Board
E/A Editor Assembler	PEB Peripheral Expansion Box
EOF End Of File	PL/I Programming Language 1
EPROM Erasable PROM	PROM Programmable ROM
ESD Electro Static Discharge	RAM Random Access Memory
FCTN Function	ROM Read Only Memory
FDR File Descriptor Record	ROS Ram Operating System
FF Form Feed	RS232 an I/O interface standard
FLOPS Floating Point Operations per Second	SRAM Static RAM
FORTH a programming language	SSSD Single Side, Single Density
FORTRAN Formula Translator	SYSOP SYSTEM OPERATOR
FWB Funnelweb	TEII Terminal Emulator II
G a programming language	TI Texas Instruments
G Billions	TI-99/4A TI home computer
GIF Graphic Image File(s)	TIA TI Artist
GIF Graphic Interchange Format	TIMP TI Multiplan
GPL Graphics Programming Language	TIW TI Writer
	TML The Missing Link
	TMS9900 TI 16 bit microprocessor
	TV Television
	UCSD University of California, San Diego
	UG Users Group
	VDP Video Display Processor
	VDT Video Display Terminal
	VLSI Very Large Scale Integration
	XB Extended BASIC
	XBASIC Extended BASIC
	YAPP Yet Another Paint Program

FOLLOWING IS A PROGRAM DOWN LOADED FROM GENIE WHICH USES THE NX1000 RAINBOW PRINTER. AS SET UP IN ONLY PRINTS COLORED LINES ON A LABEL. HOWEVER, BY CHANGING LINES 30 TO 35 YOU CAN HAVE IT PRINT A NAME AND ADDRESS OR ANYTHING ELSE FOR WHICH YOU MIGHT NEED A COLORFUL LABEL.

ALSO, IT MAY GIVE YOU SOME IDEAS FOR ADDING COLOR PRINTING TO OTHER PROGRAMS AND INCREASE THE USE OF YOUR COLOR PRINTER.

1 ! FOR STAR NX1000 RAINBOW

2 !

3 ! ASSUMPTIONS:
3.5" x 1" LABEL
1 COLUMN

4 !

5 ! IF YOU FIND IT USEFULL

6 ! SEND A COPY OF YOUR CLUB'S NEWSLETTER TO:

7 !

8 ! TI-RUNNER'S
C/O GEORGE GAAB
732 FORTALICE CRES S.E.
CALGARY, ALBERTA
CANADA, T2E-2E1

9 !

10 ! WE ALSO HAVE A 9640 SIG WITH 9 MEMBERS

11 !

12 ! BBS # (403) 285-1024
300, 1200, 2400 BAUD
B,N,1

13 !

14 !

15 CALL SCREEN1

16 DISPLAY AT(1,6)ERASE ALL;
"COLOUR DISK LABELS": :TAB(8);
"BY GEORGE GAAB"

17 DISPLAY AT(8,5)BEEP:"SWIT
CH 1-6 TO BE OFF": :TAB(12);
"TO BE": :TAB(5); "PROMITER
COMPATIBLE!": : "PRESS E
NTER TO CONTINUE"

18 DISPLAY AT(20,5)BEEP:"RUN
TEST ALIGNMENT? Y": : ACCEP
T AT(20,25)SIZE(-1)VALIDATE(
"YNYN"):ALS

19 IF ALS="Y" OR ALS="Y" THE
N CALL TEST

20 FOR X=15 TO 24 :: DISPLAY
AT(X,1):" " :: NEXT X

21 DISPLAY AT(15,4):"COLOR 0
NUMBER 12"

22 DISPLAY AT(17,3):"BLACK
= 0 01 TO 99": RED
= 1": BLUE = 2": VIOL
ET = 3": YELLOW = 4"

23 DISPLAY AT(22,3):"ORANGE
= 5": GREEN = 6"

24 ACCEPT AT(15,10)SIZE(-1)V
ALIDATE("0123456"):C8

25 ACCEPT AT(15,25)SIZE(-2)V
ALIDATE(DIGIT):NU

26 OPEN #1:"PIO"

27 CALL SCREEN2

28 PRINT #1:"BCS;

29 FOR X=1 TO NU

30 PRINT #1:CHRS(219):CHRS(2
19):CHRS(219):CHRS(219);"

31 PRINT #1:CHRS(219):CHRS(2
19):CHRS(219):CHRS(219);"

32 PRINT #1:"

33 PRINT #1:"

34 PRINT #1:"

35 PRINT #1:" "

36 NEXT X

37 CLOSE #1 :: CALL SCREEN1

38 DISPLAY AT(24,12):"MORE N
": ACCEP AT(24,17)SIZE(-1
)VALIDATE("YNYN"):MS :: IF M
S="Y" OR MS="Y" THEN 39 ELSE
40

39 DISPLAY AT(24,1):" " :: G
OTO 24

40 CALL CLEAR :: STOP

41 SUB TEST

42 CALL SCREEN2

43 OPEN #1:"PIO"

44 FOR X=1 TO 5

45 PRINT #1:"XXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXX"

46 NEXT X :: PRINT #1:" "

47 DISPLAY AT(23,1)BEEP:"
ALIGNMENT OK? Y": : ACCE
PT AT(23,22)SIZE(-1)VALIDATE
("YNYN"):ALRS

48 IF ALRS="Y" OR ALRS="Y" T
HEN 51

49 DISPLAY AT(23,1)BEEP:"
PRESS ENTER TO RETRY!": : F
OR X=1 TO 20 :: NEXT X

50 CALL KEY(O,K,S):: IF S=0
THEN 50 ELSE 44

51 CLOSE #1 :: DISPLAY AT(23
,1):" " :: CALL SCREEN1

52 SUBEND

53 SUB SCREEN1

54 FOR C=0 TO 14 :: CALL COL
OR(C,16,5):: NEXT C :: CALL
SCREEN(5)

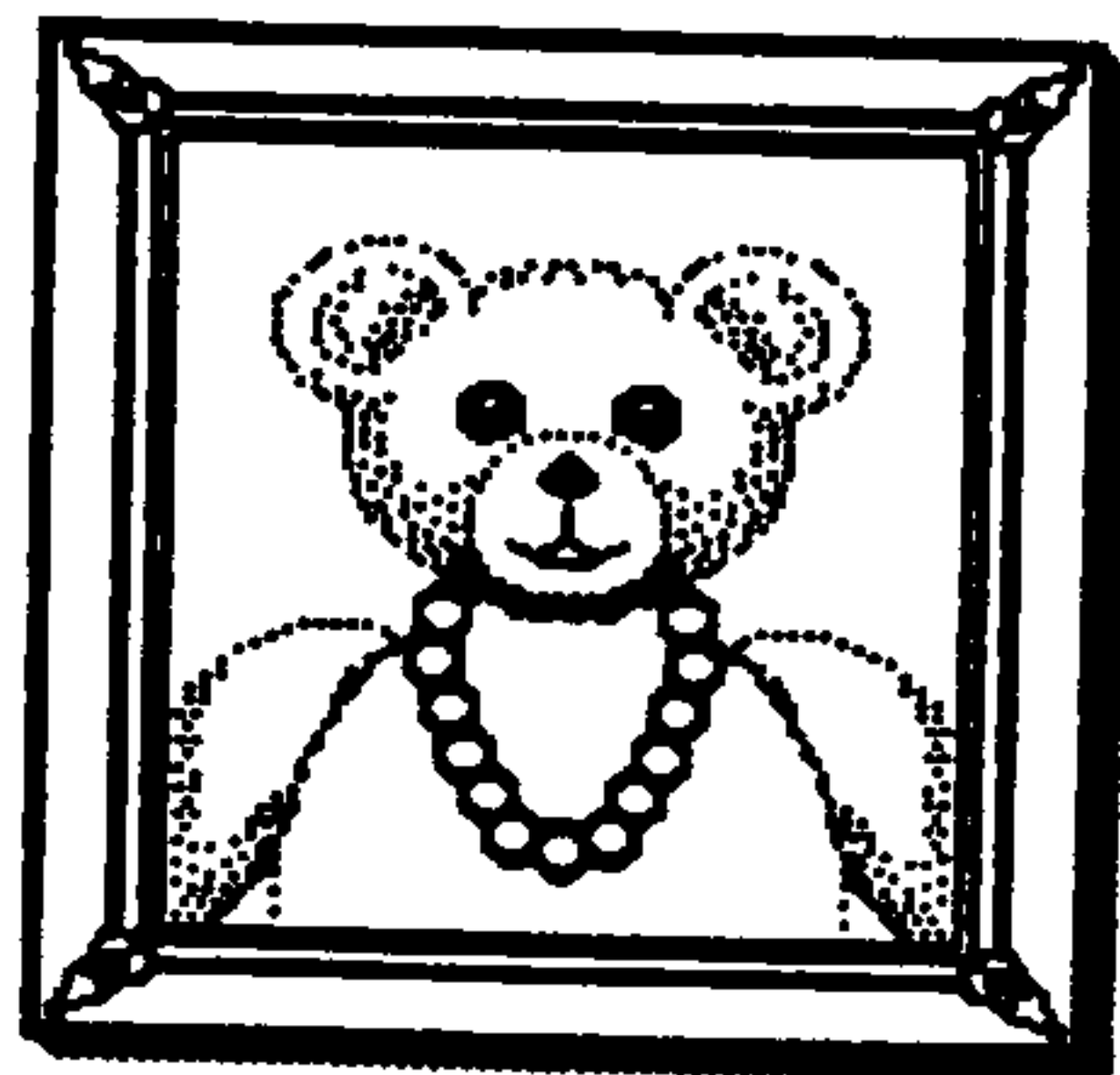
55 SUBEND

56 SUB SCREEN2

57 FOR C=0 TO 14 :: CALL COL
OR(C,16,7):: NEXT C :: CALL
SCREEN(7)

58 SUBEND

Happy
mother's Day



Mother

CLEVELAND AREA TI-99/4A NEWSLETTER INDEX 1989

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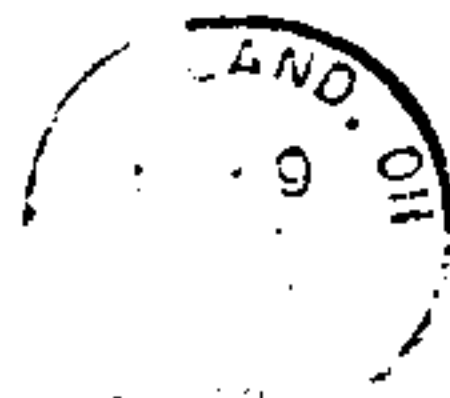
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