

MAY - 1985
**CLEVELAND AREA 99/4 USER GROUPS
NEWSLETTER**

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GROUPS' NEWSLETTER ED. - MARK WOODWARD (561-2967)

Executive Notes - Solon

Our April meeting was highlighted by presentations by Mark Woodward (COMPANION Word Processor) and Chuck Marino (Miller Graphics ADVANCED DIAGNOSTICS and an Apesoft graphics demonstration). Chuck informed the group that the Miller Graphics utility allows disk owners to check disk speeds, perform memory tests, dump screen contents, and edit sectors in ASCII or HEX, among other uses. The graphics demonstration entertained the group with its powerful and colorful geometric designs...rivaling that of any other computer. Mark's COMPANION demo showed us a good alternative to T.I. Writer for those who are looking at word processors and their features. Thanks Mark and Chuck!

The May agenda includes a discussion on modems, and June's scheduled topic will be printers. If your interests include these areas, you won't want to miss these programs. Also of interest: We have been fortunate to have had Don Schaidt of Compro Systems attend our last few meetings. Don always brings a wide selection of software and hardware for purchase, and is also an excellent source of information on a wide variety of subjects.

We have authorized Treasurer, Frank Jenkins, to look into and purchase, as he sees fit, a 19" color TV for the group. Because of the larger size available it was decided that a TV, rather than a Monitor, would better suit the groups needs. (Frank informed us that he has found a source of rebuilt TV's at a reasonable price).

We are also in the process of instituting a new classification of membership within the Solon group. We realize that some members can't attend the regular meeting each month, but would still like to get the Newsletter or attend a meeting upon occasion. Therefore, for a reduced rate (\$6), you can continue as a "Newsletter Only" member. (Voting and Library privileges will be forfeited). Please think about this option if you were considering letting your membership expire. I'm pleased to say that last month, four family and four single memberships were renewed. We value your support! Until next time- Steve Weinkamer

Some Editorial Comments—

Frank Jenkins stopped by my apartment several days ago to give me a subscription form he'd worked up. He feels, and our group does too, that there may be some of you out there who can't attend our meetings, but would like to keep in touch. If so, you'll find his easy solution in this issue.

While here he convinced me to use Multi-Plan to document the Survey info., and to reduce the number of pages (I'd planned five). Twenty laborious hours later, working with Bill Shannon's detailed summary, I have it ready. I think it proves we're a well-rounded group. Imagine (with 64 members reporting) there are...45 Disk Drives...41 Printers...27 Modems, out there! In terms of interest, it shows that Games aren't the thing; serious users want Utility and Educational programs.

Somewhere in my distant past I recall that a return of 10% from a direct mail campaign was phenomenal. Well, believe it or not, the return on our Survey was about 25% (64 from about 250 mailings) and I don't feel this is worth crowing about! As a "for instance" the poll would indicate that Golden Crescent wants its' meeting on Saturday. Their Executive Notes, in this issue, show that by common consent..they meet on Thursday. Conversely, TI-Chips meets on Saturday, the poll shows Wednesday. All this because too few members, from those groups, bothered to mail their Survey forms.

We've been delinquent in not including some of the interesting programs and articles that we've seen published in other Newsletters. I'll try to do better in the future. Fortunately, in this issue, you'll find a neat little program (from a Byte magazine article) revised by an unknown member of the Northcoast group. Chuck Marino also helped out in his letter.

Here are a few BARGAINS for you!

IF YOU'RE INTERESTED IN: TI-INVADERS (\$5), BLASTO (\$5), CHISHOLM TRAIL (\$7), JOYSTICKS (\$9),, OR TEACH YOURSELF EXTENDED BASIC (\$9)....Call BRUCE at 362-8446 after 3:30 P.M.

JOHN MURCER at 845-8817 HAS A FEW GOODIES: TI-EXTENDED BASIC (\$65), NEW SPEECH SYNTHESIZER (\$45), SPELLWRITER (\$7.50), AND SPEAK & SPELL (\$7.50)

AND FINALLY JOHN STURMAN HAS SOME SOPHISTICATED SOUNDING EQUIPMENT FOR SALE, THAT I ASSUME WORKS WITH A TI SET-UP: KENNEDY DIGITAL TAPE RECORDER (MAKE OFFER), DEC PDP-11-20 COMPUTER (MAKE OFFER), COMPUTER POWER SUPPLY-LARGE (\$40), DEC TERMINAL (\$75). John lives at 4336 Brannis Rd., Fairview Pk., Oh. 44126 (331-0521)

SOLON GROUP MEETING, MAY 11th, AT:
Solon Public Library, Inwood Drive, Solon,, Ohio
Education Session - 10:30 A.M. ** General Meeting - 11:30 A.M.

FINAL RESULTS OF AREA GROUPS' SURVEYS - (RECEIVED BY APRIL 13, 1985)

YR. COMPUTER ACQUIRED?	SOLOON					NORTHCOST					GOLDEN CRESCENT					TI-CHIPS					GROUP TOTAL					
	'79	'80	'81	'82	'83	'80	'81	'82	'83	'84	'79	'80	'81	'82	'83	'79	'80	'81	'82	'83	'79	'80	'81	'82	'83	'84
	1	1	0	2	15	1	0	12	20	1	0	0	2	1	2	0	0	0	4	5	1	2	2	19	42	1

4. HARDWARE OWNED?

TI-99/4	- 1	TI-99/4	- 1	TI-99/4	-	TI-99/4	-	TI-99/4	- 2
TI-99/4A	- 19	TI-99/4A	- 33	TI-99/4A	- 3	TI-99/4A	- 10	TI-99/4A	- 64
CASSETTE	- 19	CASSETTE	- 32	CASSETTE	- 3	CASSETTE	- 9	CASSETTE	- 62
MONITOR	- 8	MONITOR	- 9	MONITOR	- 3	MONITOR	- 5	MONITOR	- 25
JOYSTICK	- 15	JOYSTICK	- 26	JOYSTICK	- 3	JOYSTICK	- 8	JOYSTICK	- 52
P.E. BOX	- 12	P.E. BOX	- 22	P.E. BOX	- 3	P.E. BOX	- 7	P.E. BOX	- 44
32K MEMORY	- 13	32K MEMORY	- 22	32K MEMORY	- 3	32K MEMORY	- 7	32K MEMORY	- 45
DISK DRIVE	- 14	DISK DRIVE	- 22	DISK DRIVE	- 3	DISK DRIVE	- 6	DISK DRIVE	- 45
SPEECH SYN.	- 14	SPEECH SYN.	- 29	SPEECH SYN.	- 2	SPEECH SYN.	- 9	SPEECH SYN.	- 53
P-CODE	- 0	P-CODE	- 4	P-CODE	-	P-CODE	-	P-CODE	- 4
PRINTER	- 10	PRINTER	- 23	PRINTER	- 2	PRINTER	- 7	PRINTER	- 41
MODEM	- 6	MODEM	- 15	MODEM	- 1	MODEM	- 5	MODEM	- 27

5. SOFTWARE OWNED?

EXT. BASIC	- 13	EXT. BASIC	- 32	EXT. BASIC	- 3	EXT. BASIC	- 9	EXT. BASIC	- 57
TI WRITER	- 6	TI WRITER	- 15	TI WRITER	- 3	TI WRITER	- 5	TI WRITER	- 29
TI MULTIPLAN	- 7	TI MULTIPLAN	- 12	TI MULTIPLAN	- 2	TI MULTIPLAN	- 5	TI MULTIPLAN	- 26
TERM/EMULATE	- 11	TERM/EMULATE	- 27	TERM/EMULATE	- 2	TERM/EMULATE	- 7	TERM/EMULATE	- 47
LOGO	- 5	LOGO	- 2	LOGO	- 1	LOGO	- 2	LOGO	- 10
ED./ASSEMBLE	- 5	ED./ASSEMBLE	- 17	ED./ASSEMBLE	- 2	ED./ASSEMBLE	- 6	ED./ASSEMBLE	- 30
MINI/MEMORY	- 1	MINI/MEMORY	- 9	MINI/MEMORY	- 1	MINI/MEMORY	- 1	MINI/MEMORY	- 12
TAX/PERS.REC	- 10	TAX/PERS.REC	- 20	TAX/PERS.REC	- 2	TAX/PERS.REC	- 5	TAX/PERS.REC	- 37
HOME BUDGET	- 8	HOME BUDGET	- 12	HOME BUDGET	- 2	HOME BUDGET	- 4	HOME BUDGET	- 26

6. WHAT GRABS YOU MOST IN COMPUTERING, FIRST FOUR CHOICES LISTED.

CHOICE NO. >	#1	#2	#3	#4	#1	#2	#3	#4	#1	#2	#3	#4	#1	#2	#3	#4		
Utility	6	3	3	3	13	11	2	1	2	5	2	1	1					
Education	4	3	5	1	9	6	8	1	1	1	1	2	2	1				
Graphics	4	3	2	1	4	1	10	3	1	3	3							
Home Finance	1	6	1	3	3	2	8	2	2	1	1	1						
Music		1	4	4	1	3	6	4	1	1	1	2						
Games	2	3	2	2	7	6	9	2	1	1	2							
Business				2	2			1										
Data Mngmt.	2																	
Forth										1								

BUSINESS, DATA MNGMT. AND FORTH ARE WRITE-INS.

7. WHAT KIND OF PROGRAMS YOU WANT AT MEETINGS. FIRST FOUR CHOICE LISTED.

	#1	#2	#3	#4	#1	#2	#3	#4	#1	#2	#3	#4	#1	#2	#3	#4
All Following	14				13				2	6						
Software Demo	6	1			5	5	7	1	1	2						
Hardware Demo		2	4		2	8	4	2	1	1	1					
Hdw Trblshoot				1	3	5	4	1	1	1						
Programming	4	1			6		1	4		1		1				
Swap Shop		1			1		3	4				1				
Comm. Products			4	1	4	5	3	3								1
Hardware Demo																

8. COMPUTER LITERACY?

	BEGN	INTR	ADV	BEGN	INTR	ADV	BEGN	INTR	ADV	BEGN	INTR	ADV
	3	11	4	11	19	4	2	1	3	6	1	

9. MEETING TIME?

	MAJORITY (15)	MAJORITY (22)	MAJORITY (2)	MAJORITY (5)
	Saturday, A.M.	Saturday, P.M.	Saturday, A.M.	Wednesday, P.M.

TI-Chips Executive Notes

Our April meeting started the groups' second year with a bang! Mark McCauley and Steve Latza took apart one of our members computers and showed how to clean contacts. They also showed a schematic drawing and explained the different parts. Our confidence in them was well founded as the computer still worked after being put back together.

Jerry Dietrick, of Northcoast, demonstrated a disc which is really an experimenters kit for assembly language. It allows you to view, edit and run changes all at one time. Thanks Jerry!

Rich Polivka gave a presentation on "Call Color", which was followed by Steve Latza's discussion on another segment in TI Forth and demonstrated the Advanced Diagnostics disc from Miller Graphics. Dan Keller ended our really great program with a presentation of 3-D World by showing us some completed drawings. Dan said it works very well, but is a very tedious process.

After the meeting we had our Flea Market of computer software. There was a great turnout for this meeting.

Next month Steve Latza is planning another Forth segment on "Looking at what's stored on the disc and changing data". Rich Polivka will give a presentation on "Call Sound". Rich is also going to have a short Beginners Basic Seminar which will start about 15 minutes after the meeting. Tom and Judy Thalner, of Edu-Comp, will be showing and selling software for our members convenience.

Our May meeting will be May 18th at 10 A.M. at the North Royalton Public Library. See you all there!

Jan Fedor, Secretary

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GOLDEN CRESCENT 994A USERS GROUP
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EXECUTIVE NOTES

Our last meeting was April 25th, 1985 at RAM Enterprises in Vermilion. We are changing the meeting date to the second Thursday of the month and we will again meet at the Fire Station at 7:30 P.M. The schedule for the rest of the year is as follows:

Meeting Dates and Times

Amherst Fire Station, Amherst, Ohio

May 9, 1985 - 7:30 P.M.
TI Writer workshop

June 13, 1985 - 7:30 P.M.
Multi Plan workshop

July - NO MEETING

July 21, 1985 - Annual Picnic 1:00 P.M.
Mill Hollow

August - NO MEETING

September 12, 1985 - 7:30 P.M.

October 10, 1985 - 7:30 P.M.

November 14, 1985 - 7:30 P.M.

December 12, 1985 - 7:30 P.M.

Our Group has shrunk in size over the last two months due to some members not renewing their memberships. This is too bad as things are really starting to move in the TI world.

3rd party software is moving and growing with more and better programs available. A new computer is in the development stage and should be introduced soon. More and more FREEWARE is becoming available to our members, in short, by not renewing a membership in a User Group, you are cutting yourself off from a valuable source of information. As I told the members in attendance at the last meeting, our Group

will continue and if we get down to a hard core, so be it, we will just become stronger with what we have. New people will come forward to help and we will grow again with a better club. So.... I would like to request all of our present members to act on behalf of the Club and tell everyone they know who has a T.I. about our Group and encourage them to join. We will all benefit.

Thanks. Chuck Mareno

DANNY MICHAEL

Danny Michael, Rt. 9, Box 460, Florence, AL 35630, has two programs. Each require a SS/SD diskett or one SS/DD for both. "Dump" is a very pro quality Assembly (!) language screen dump program. It will print your Editor/Assembler BASIC, Extended BASIC or Mini Memory BASIC screen to your serial or parallel Epson/Gemini style printer. Screens can be printed normal, inverse, rotated and double size. Tab available. Links to BASIC. Fantastic program! "Neatlist" is an Assembly utility for Extended BASIC that (you guessed it) prints a listing that is neat -- multiple statement lines are printed on separate lines. It also creates a variable directory that is useful in de-bugging and setting up pre-scans.

TIPS FROM TIGER CLUB - JIM PETERSON

Bugs in your program -- try this -

1. For @ = 1 to 4
2. Call Color (@, 16, 1)
3. Next @
4. Go to 4

Add these temporary lines to the beginning of the program that is NOT running as it should. Now type LIST and stop the scroll with FCTN 4 as the first lines of the

TIPS FROM TIGER CLUB - JIM PETERSON CONT.

program listing nears the top of the screen. Now type RUN. The numbers and punctuation all turn white. If you have accidentally inserted a letter for a number it will show up immediately. After correcting any errors in this part of the program, clear with FCTN 4 again. Then LIST. Let the program scroll until the next section in which you want to look for errors arrives on the screen, then type FCTN 4 and RUN etc.

FREWARE

Here are some notes on freeware gleaned from various sources.

Requirements - Initialize any disks sent. Unless otherwise stated, include a stamped self-addressed mailer --- be patient.

From LA99er Computer Group - John Taylor, 2170 Estaline Drive, Florence, AL 35630 has, along with his wife, an artist, released into Freeware a "SPRITE PROGRAM EXTRAORDINAIRE" "Sprite Builder" is a must own program and can be obtained by sending either a D/S or two (2) S/S initialized disks plus mailer and return postage or \$5.00 D/S, \$7.50 S/S to John at the above address. Under the Freeware System, a donation is made directly to the author to both show appreciation for the program received and encourages him to continue to write more. The \$5.00 and \$7.50 represent disk and mailing cost, not the appreciation donation. Believe me, you want this program.

Free Craps Game Ex & Inst. send disk and \$2.00 to:

Ramsoft Ent.
1501 E. Chapman Avenue Suite 338
Fullerton, CA 92631

Formally sold for \$14.95

Send SS/SD or C20 or C30 Cass. Preferably with programs on it to:

Dave Hendricks, 1036 E. Gordon Street, Allentown, PA 18103. Programs: Shooting Arcade, Duck Hunt, Mr. Kitty, Santa's Run, Shipwreck, Phantom of Blackmore (3 parts)

Book of Tip - \$4.00 John Hamilton
Central Iowa 994A Users Group. 99/4A Tips
22 8 1/2 x 11. Programming Hints and Tips.
List of dozens peeks and pokes.

PROGRAM TIPS AND HINTS

CALL LOAD FOR A LOAD

Will run "DSKI. LOAD"

CALL INT :: CALL LOAD (-31961,149)

TV TEST FOR COMPUTER USE

```
100 CALL CLEAR
110 CALL CHAR (32," FF818181818181")
120 PRINT :::::::::::
130 CALL HCHAR (10,1,88,5)
140 CALL HCHAR (10,28,88,5)
150 END
```

The program will make your screen have 32 perfect vertical lines (cols) and 24 horizontal (rows). In the top 12 rows you should see 5x on left and right sides.

FREE ACCESS LIBRARY

Free Access Library offers VOLUMES, public domain software at a cost ranging from \$2.5 to \$8.00. All programs may be copied and distributed as long as copies are not resold for profit. Currently 104 VOLUMES are available. Write to:

FREE ACCESS LIBRARY
116 Carl Street
San Francisco, CA 94117

EXECUTIVE NOTES--NORTHCOAST

The cataloging of the library is finally finished, thanks to a lot of work by our determined sublibrarians. This task which began in early December consisted not merely of writing a program description but also de-bugging and improving them along with re-organizing every disk. The catalog itself consists of 54 single sided pages or two single sided disks which may be printed out using TI-Writer or Editor/Assembler.

EXAMPLE: 1A/BAS/GAM

CHECKERS (CHECKERS) (38) (K)
Play a game of checkers against the computer

Although printed copys will be available for purchase for a nominal fee, we would prefer to minimize the printing costs by copying it to member provided formatted disks. We will try to have an extra system at the next meeting just for this purpose. We will also take mail orders as follows: \$5.00--includes disks and postage, or furnish 2 formatted disks + \$1.00 return postage. This catalog is available to our sister group head librarians only. Please contact me to make arrangements.

The bulletin board problems mentioned at last meeting have been resolved after many frustrating hours spent by Elmo Iacobucci and myself. Please call it at 944-1072 and leave a message. Usage is down--probably because of the previous problems so it now is very accessible. We may close it to NON-TI computers as usage grows.

Lou Cancassi has asked to resign as Treasurer due to other committments. We all appreciate Lou's efforts--any other volunteers? By the way, the assistant newsletter editor slot is still open.

At our next meeting 1:30 SATURDAY, MAY 18th we will: see the progress on our cartridge super expander, see a demonstration of a new near letter quality dot matrix printer and have a demonstration of DOW GAZELLE (flight simulator). The latter is on cassette tape in Basic and will be raffled off.

KEN GLADYSZEWSKI (357-7274)
President

```
10 REM PROGRAM GIVING FRACTION FOR DECIMAL INPUT.
20 REM REVISED FROM MAY'85 ARTICLE IN BYTE MAGAZINE
30 CALL CLEAR
40 PRINT "DECIMAL?"
50 INPUT A
60 B=0
70 C=1
80 D=ABS(A-INT(A))
90 IF D=0 THEN 160
100 E=1/D
110 F=C
120 C=INT(E)*C+B
130 B=F
140 D=E-INT(E)
150 IF A*C<>INT(A*C) THEN 100
160 PRINT : "FRACTION="
170 PRINT : A*C; "/"; C
180 INPUT "AGAIN?": Z$
190 GOTO 30
```

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c/o Frank Jenkins, 19809 Gladstone Rd., Cleveland, OH 44122

*This subscription not necessary for fully paid members of the User Groups.

____ Send me a membership form for the following group:

___ Solon: ___ TI Chips: ___ Golden Crescent: ___ Northcoast.

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