



 Volume.8 No.2 February 1984
 OFFICIAL NEWSLETTER OF
 THE LONG ISLAND COMPUTER ASSOCIATION, INC.

=====
 President, Michael Hofer
 Vice President, Dave Minott
 Secretary, Josh Weinberg
 Treasurer, Stan Misel

Stack Editor: Al Levy
 P.O. Box 71, Hicksville NY 11802
 (516) 293-8368

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 CBBS - LICA Bulletin Board System
 (516) 561-6590
 24 HOURS/EVERY DAY

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 LICA UNIX (XENIX) Bulletin Board
 (516) 541-7949
 7:00 PM / 11:00 PM
 Weekdays

LICA Membership Only
 Password Required

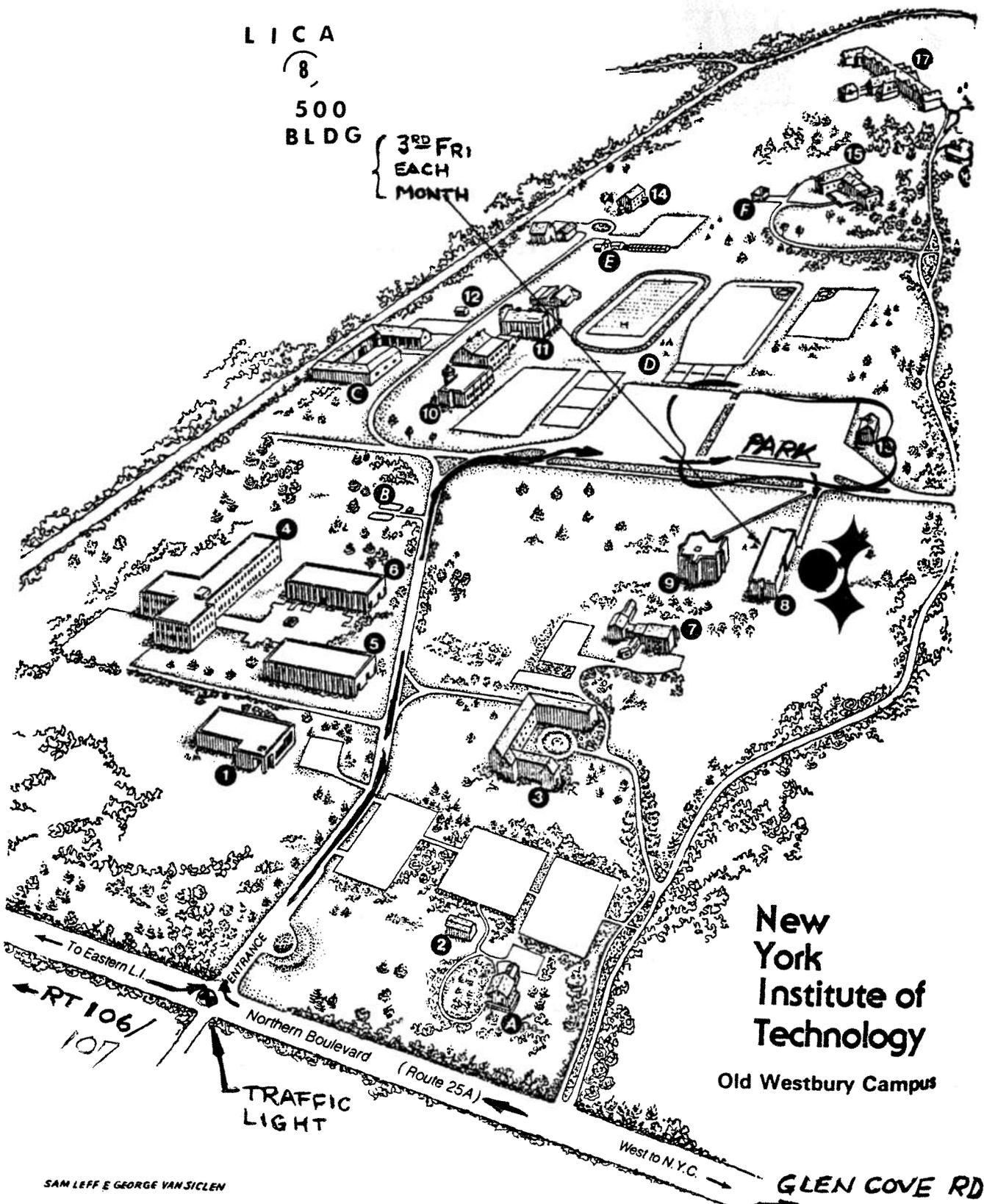
=====

L I C A

8

500
BLDG

3RD FRI
EACH
MONTH



New York Institute of Technology

Old Westbury Campus

To Eastern L.I.

RT 106/
107

Northern Boulevard
(Route 25A)

ENTRANCE
TRAFFIC
LIGHT

West to N.Y.C.

GLEN COVE RD

SAM LEFF & GEORGE VAN SICLEN

EDITOR'S MESSAGE FEBRUARY 1984

Due to an over burdening schedule, our president was pressured into bypassing his message this month. I hope that I use this space in a way that befits the dignity of his office. (thanks Louise / PACS)

Like many people in our society, I have done "my thing", whatever that means, quietly with consideration and reserve. I joined exactly five groups in my lifetime, NATVAS, (National Academy of Television Arts and Science), ASMA (the American Society of Music Arrangers), UNSU (United Nations Study Unit), LIPA (Long Island Philatelic Assoc.) and LICA.

Each of the above served some need in me to be active in an area in which I was interested. I am not a believer in taking up causes yet I served on what seemed to me to be meaningful committees. The stamp collecting (although deadly serious to the collector) was silly stuff. We documented post marks, authenticated stamps, but in all, I received one hell of an education in world history. UNSU is another philatelic but dedicated to the postal workings of the UN and the League of Nations.

Without the TV group we wouldn't have the EMMYS and personally I could live without them. The academy does some fine work in the area of children's programming rules, lobbying for stricter rules on truth in commercials etc.

At the monthly luncheon, (which was terrific fun), the music arrangers group talked shop. We did help in shaping the current copyright laws. As bad as they are, we tried.

In all cases, people joined to get help, receive information, socialize, and gain some financial benefit.

The unspoken but underlying theme in all organizations is, maybe I can save a buck. The trading and selling activity at the stamp club was always first, then the meeting. The diehards continued the meeting at the local diner to further transact business and discuss the evenings events.

THE CAUSE

In November I mentioned a family in Valley Stream who has a son with lymphoma, a form of cancer. I asked for the donation of an APPLE II computer. APPLE has sent an application to us for a free APPLE computer but we need certain legal documents and processing before we can apply. There are restrictions and qualifying paragraphs in the letter from APPLE in which they can make a decision to give or take at any time.

Time is of the essence. Many well intentioned people have helped me. I have gotten exactly no where. I did receive supporting documentation from the University Of Texas Cancer Center, and Anderson Hospital in Houston. The letter from Dr. Stubblefield and Mr. Obergoenner is reproduced on page 11 of this issue.

For the record I was told that the KILLER T-CELL game is a game and nothing more. Off the record I learned that (surprisingly), a large percentage of young adults and children recovered after being involved with the game. No claims are being made that the game is a cure.

For my money it is worth a shot. Surely we can do more than talk shop.

If each and every person reading this article will send a \$5.00 check marked "LICA/SPECIAL PURPOSE" you will raise the meaning of your own life and LICA's.

I know that I am sticking my neck out but if the doctors can't help, maybe we can. My intention is to purchase an APPLE IIE which will remain the property of LICA. It will be available for loan to people with this disease and when not on loan to a sick person we can use it for other club business or for teaching. How 'bout it gang. Please don't disappoint me.

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7)

This installment will differ from the few that have already been published. In the other articles I went tediously through all of the control functions, despite the redundancy.

One of the common gripes about software is that it makes the simple look difficult. Most documentation falls into the the same trap. Despite that, I went that route just to sate the curiosity of the new caller. If I did cover the commands thoroughly, the novice would not know if he had missed something. Now for the quick way.

PART 1. LOGGING ON QUICKLY and GANGING UP COMMANDS.

Responses and/or commands can be put on the same "command line" if they are separated by semi-colons. So, when you are asked "Is this your first time on the system?", you can respond with N(o);First Name;Last Name;(C)ase;(B)aud;(S)can;etc

After dialing, receiving a carrier tone and sending a response tone, hit the ENTER or RETURN key a few times and you will see.....

CBBS(R) VER 3.3
LAST LICA MOD - 5/23/82
12 / 16 /83 06: 42: 06
+++ WELCOME TO CBBS(R) / LONG ISLAND +++

To skip past the announcements strike the C key on your system. You will then be asked,

Y/N: IS THIS YOUR FIRST TIME ON THE SYSTEM?N;AL;LEVY;C

I logged on quickly and requested Upper/Lower Case by typing:N;AL;LEVY;C
The CBBS responded with:

LOGGING NAME TO DISK...
YOU ARE CALLER # 21624
NEXT MSG # WILL BE 03532
THERE ARE 983 ACTIVE MSGS.
CHECKING FOR MESSAGES TO YOU.....

CHECK THE FOLLOWING MESSAGE, IT MAY BE FOR YOU...Msg 02684
lower/upper case mode

FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,#
(OR ? IF NOT KNOWN)? R;2684

(Retrieve Message #02684)

Msg 02684 is 14 line(s) on 08/26/83 from DAVE MINOTT to AL LEVY re: BRACKETS

HI Al;
In answer to your question, when the stack gets to be longer than a few pages, and you wish to scan it here, the brackets allow you to jump around and save lots of (possibly expensive) time.

Those of us that get hard copy don't really use the STACK download feature, but for those who call in from far away, I think they would appreciate the capability of "skimming" thru the stack quickly.

P.S. It would be nice to have a table of contents at the head end so that one could skip directly to the article of their desire on page 17 rather than spend 20 minutes waiting for it to come up!
Thanks....Dave

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7) continued

In response to the sysop's (System Operator) request, the bulletin board now has a table of contents and the appropriate brackets, to wit.

=====

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After receiving my message, I was prompted with,
MSG #: to retrieve (C/R when done)? and I hit a CR (RETURN or ENTER key)

I was back to the familiar
FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,# (OR ? IF NOT KNOWN)?

In response to the many calls I have received concerning the bulletin board, I will deal with each of the functions, giving priority to those functions that I know you are most interested in learning.

I cannot count the number of times I have been asked about other bulletin board numbers. Pages and pages are dedicated to listing bulletin board numbers in the COMPUTER SHOPPER, PERSONAL COMPUTING and many of the trade mags. The LICA board has a limited list of numbers so I suggest that you buy one of the commercial magazines or newspapers to get the listings. Turn to page 6 to see how to download the phone numbers from the LICA board

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7) continued

PART 2. OTHER BULLETIN BOARD PHONE NUMBERS

The control character is "0" for "other."

FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,# (OR ? IF NOT KNOWN)? 0

Type Control-K to abort.

Type Control-C to skip to next page.

Type Control-S to pause, any key to continue.

Last Update 11/3/83

LICA Supports The Use Of All Other Bulletin Board Systems In The NY-Metro Area. If You Are A SYSOP, Ar Wish To Be Added To This List, Please Leave Us Your System Name, Telephone #, Your name, And System Specialty (If Any) In A Message For Us.

Codes Are As Follows:

- * 24 hr / 7 day operation
- + All Day Weekends / Eves During Week.
- # Ring Once, Hang Up, Ring Back
- \$ Commercially Oriented
- > Direct Access To CP/M
- ! 300/1200 BAUD (AUTO SELECT)

Name	Telephone #	SYSOP	Specialty	Code(s)
RIBBS	201 272-1874	Bruce Ratoff		>
T.A.B.	201 376-8055	Brett Shack	Adventures	*
FORUM-80	201 688-7117	Union,NJ		
ABBS ACGNJ	201 753-1225	Pompton Plains		
PHOTO-80	201 790-6795	Alan Hyman	Photography	
ABBS CCNJ	201 835-7228	Pompton Lakes		
CONNECT-80	201 842-7644	Lincroft, NJ	6-Mid M,W,Sun	
ABBS Wyckoff	201 891-7441	Ralph Roehrich		
ABBS ACGNJ	201 968-1074	Dunellen NJ		
COMMUNIQUE-80	201 992-4847	Andy Frisch		
BROOM8	203 237-2668	Dave Schwartz		
BULLET-80	203 744-4644	Joe Simon		
BAMS	212 362-1040	Roger Kaplan		*
CONNECT-80/Qns	212 441-3755	Robert Rosen	Radio Shack	*\$
CONNECT-80/S.I.	212 442-3874	Staten Island NY		*
TFC ABBS N.Y.C.	212 799-9577	Adrian Steckel		*
COMMUNICATION-80	212 897-3392	Cornell Eyde		
CONNECT-80/Bronx	212 933-9459	Brian Boyle -INACTIVE-		*
TICKERSCREEN	212 986-1660	Max Ule & Assoc.	Stocks	!\$+
CONNECT-80/NYC	212 991-1664	Al Cowles		
Elect.Bookshelf	212 512-2186	McGraw Hill	Books	\$
BBS OF LI #2	516 334-3134	Richard Taylor		\$
MIDAS	516 367-8619	Marc Mandel		
INNOV-80	516 482-8491	R.Niederhoffer		
CONNECT-80/SOUTH	516 536-3510	Stephen Cook		+
LICA LIMBS CBBS	516 561-6590	Dave Minott		*
CONNECTION-80	516 588-5836	T. Vande-Stouwe		
PIRATES COVE	516 698-4008		Apple User's	*
RBBS	516 698-8619	Tim Nicholas		#>
RBBS	516 791-5041	Mike Schiller		>*
CONNECT-80/Suffk	516 924-8115	Jim Edwardson		
PORT PC RBBS	516 944-6712	MICHAEL KRIEGER	IBM PC BOARD	*
TELEPORT 64	914 623-4248	MICHAEL KLEINERT		
CONNECT-80/S.P.	914 942-2638	Stony Point NY		*

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7) continued

PART 3. DOWNLOADING PROGRAMS

The control character is "F" for "FILE"

FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,# (OR ? IF NOT KNOWN)? F

Introduction To Downloading

Type Control-C (or C) to skip explanation section.

A rudimentary form of downloading without any handshake is available on this system. Presently LICA is only downloading source code in ASCII format, but future enhancements will allow files to be sent in pure binary code. LICA is looking for programs to distribute over its CBBS network. If you would like to donate a program in source code, call: Dave Minott: (516) 825-2282

It is assumed that the user has some way of saving data received via MODEM in memory and on mass media. Some editing will probably have to be done to delete unwanted characters at the beginning and end of the program. This message may be skipped upon subsequent use of the 'F' command by typing Control-C (or C). A file transfer may be aborted by typing either Control-C, 'C', Control-K or 'K'.

Directory Of Programs Available For Downloading

Last modified DECEMBER 12, 1983

The number in parenthesis represents the number of 128 byte records in the file., i.e., A file with 40 records would have 5120 bytes Use Ctl/C's To Skip Through The File Names

- J-->BIO (28) Microsoft BASIC Biorythm Program Creative Computing 1/78
- J-->CALENDAR (40) Perpetual Calendar Program Written In Microsoft BASIC Which Should Run On Any System. Program Written By Fred Kempler And Modified For MBASIC By Stan Mysel.
- J-->COLOR (63) Six programs for the Radio Shack COLOR computer. The programs will have to be separated using an editor. Donated by Tom Dionyslou.
- J-->CRCK5 (34) Intel hex format file for creating CRCK5.COM. (after downloading this program and then renaming to .HEX, use load CRCK5 to create CRCK5.COM). This program calculates checksums for files, & optionally saves the sums in a file.
- J-->DCOMP (34) Intel hex format file for creating DCOMP.COM. This is a disk compare utility, which is very helpful when you are not sure that two disks are identical.
- J-->DIRCUR (16) Microsoft BASIC pgm to do direct cursor addressing on the ADM3 or SOROC terminals. written by Al Stone.
- J-->DU2 (220) Intel hex format file for creating DU2.COM. This is the latest disk utility program from The SIG/M user's group. It has internal (on-line) documentation. Very helpful in recovering those crashed disks!!
- J-->FLIPFLOP (8) Microsoft BASIC Program Which Simulates A Binary Counter. Written By D. Minott
- J-->FMAP4 (32) Intel hex format for creating FMAP4.COM. This is the latest version of the file map program. It's main use is for the cataloging system, but has other uses as well.
- J-->FOURIER (24) Fourler analysis from byte magazine 12/78.
- J-->HANOI (25) Microsoft BASIC implementation of the Towers of Hanoi. Includes direct cursor addressing for a realistic demonstration of the movement of the towers. Donated by Richard Klerk.
- J-->LIFE (47) Microsoft BASIC Pgm For Conway's Game Of Life. This Version Has A Few Bells & Whistles, And as You Will See By The Speed, A Candidate For Compiling! Written For Spite By Dave Minott.
- J-->MOON (40) Microsoft BASIC Program For Locating The Moon. From EIMAC Application Note AS-49-6. Entered By Dave Minott.
- J-->MORTABLE (28) Microsoft BASIC Mortgage Program Courtesy Of Stuart Dombar
- J-->PLI-PROG (135) PL/1 and Assembly Language procedures for Digital Research's PL/1 which may be put into a separate library and linked to PL/1 programs. Written by and courtesy of Mark Zeiger
- J-->PORTLIST (8) Microsoft BASIC Program To Display I/O Ports And Their Status. Courtesy Of Dave Minott
- J-->UNERASE (23) Intel hex format file which will allow CP/M users to reclaim an accidently erased file, assuming no writes to the disk were performed after the file was erased. Download this file & rename to: UNERASE.HEX. Then type: LOAD UNERASE, and you will create UNERASE.COM.
- J-->UNLOAD (17) This is the pgm which is used to generate a hex file from a com file. to use it, (after you have followed the same procedure as for unerase) type: UNLOAD PGMNAME.COM 100, and you will create PGMNAME.HEX on your disk. The 100 is to set the origin of the pgm. The default is zero.
- J-->UNSOURCE (12) This is the source code for the above pgm.

File to be downloaded (C/R to abort) ?

At this point you should type the name of the program to be down-loaded.

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7) continued

PART 4. Scanning and/or down loading messages

In this instance I used the command "H" for HELP and "S" for scanning messages.
 FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,# (OR ? IF NOT KNOWN)? H;S

You enter the number at which the summary is to start, then press return. The printout will continue from that number until the end, or until you press control-K (or K) to stop the summary print.

If you want to scan the summary file for certain messages based on their subject, who from, who to, or the date, you can. This works for either the regular (s) or quick (q) summaries.

Want to learn how to scan? Y

Instead of entering just a starting message #, key in the msg #, a comma, one of the following:

- F to scan the 'who from' field
- T to scan the 'who to' field
- S to scan the subject field
- D to scan the date field

then an equal sign, then the character string to match. Sounds complicated, but here are some examples:

- 1,f=ward** start at 1, find messages from ward
- 200,s=sale** start at 200, find messages about 'for sale'
- 1,d=10/13** scans for first message on 10/13 (note: If the day is less than 10, there will always be a leading zero, i.e. the ninth day of October will be 10/09).

As you can see, the character string can match anywhere in the field. It doesn't have to be the first characters. You can save some time by combining your input:

q;1,t=ward or s;1,s=sale or q;1,d=10/13

rather than keying in q or s, then pressing return.

First msg #: (or ? for info on scanning msgs) (C/R to return to menu)? 1,S=SALE,D=1112

Use CTL-K to abort, CTL-C to skip, CTL-S to pause.

NO.	SIZE	DATE	FROM	TO
01375	05	11/12/82	BOB HAMILTON	ALL
SUBJECT:LABELS FOR SALE				
01387	09	11/21/82	LYLE ROSENFLED	ALL
SUBJECT:FOR SALE MODEM				
01388	14	11/21/82	MIKE BARTMON	ALL TRS-80 CC
SUBJECT:CC DISKSAVE PROGRAM FOR SALE				
01465	02	12/14/82	DENNIS BAER	ALL
SUBJECT:MODEM FOR SALE				
01467	04	12/14/82	OVE MABERG	ALL
SUBJECT:TRS-80 MOD I FOR SALE				
01504	12	12/19/82	AL STONE	ALL
SUBJECT:MODEMS FOR SALE				
01505	05	12/19/82	MIKE SPIEGEL	ALL
SUBJECT:STAMPS/COINS FOR TRADE/SALE				
01506	04	12/19/82	MIKE SPIEGEL	ALL
SUBJECT:COINS FOR TRADE/SALE				
01511	15	12/21/82	ARNOLD GOLUB	ALL
SUBJECT:PET 4032 FOR SALE				
01530	07	12/27/82	LARRY SELTZER	ALL
SUBJECT:APPLE CARDS FOR SALE				
01535	04	12/28/82	ADAM HONIG	ANYONE
SUBJECT:COMPUTER FOR SALE				
01539	14	12/28/82	SCOT SHINDERMAN	ALL
SUBJECT:CENTRON. 737 PRINTER FOR SALE				
01546	04	12/30/82	BOB HAMILTON	ALL
SUBJECT:8" DISKETTES FOR SALE				
01554	10	01/02/83	MARC ARKIND	ALL
SUBJECT:FOR SALE				
01586	04	01/09/83	JAY E. GOODMAN	ALL
SUBJECT:FORD VAN FOR SALE				

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7) continued

PART 4. Scanning and down loading messages
 Summary command

The (S)ummary function prints 2 lines for each message in the system, from a given starting message number. Use CTL-K to abort the summary listing. The Summary prints:

- Message number
- Number of lines in message
- Date Created
- From
- To
- Subject

The (Q)uick summary function prints only msg # and subject. You will be asked for the starting message number, (you need not enter leading zeros). Alternatively, you may enter a number of the form -n, where n is number representing 'the last n messages'. For example q;-15 would start the scan from the 15th most recent message. (or, you could type Q, then press return, and when asked for the starting message #, reply with -15). ";" is used to separate "anticipated" answers.

See help keyword **"SCAN"** for info on scanning messages for specific data (date, from, to, s)

FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,# (OR ? IF NOT KNOWN)? S;-30
 Use CTL-K to abort, CTL-C to skip, CTL-S to pause.

NO.	SIZE	DATE	FROM	TO
03274	00	11/11/83	POKEY DOKEY	WHOULD LIKE TO START
SUBJECT:APPLE CLUB CALL POKEY DOKEY				
03275	01	11/11/83	POKEY DOKEY	ALL
SUBJECT:APPLE CLUB MORE				
03276	07	11/11/83	BILL SYLVESTER	ALL
SUBJECT:TALKING METS BASEBALL! POTENTI				
03278	16	11/11/83	FRED QUIMBY	STEVE LEANDER
SUBJECT:GOONYGOOGOO				
03279	07	11/11/83	DENNIS BAER	HARVEY HURWITZ
SUBJECT:HELLO				
03280	05	11/11/83	MIKE KLUGER	ALL
SUBJECT:NEED HELP WITH ZORK				
03281	06	11/11/83	SUPER DUPER	SCOTT JENKINS
SUBJECT:TRADING (ATARI)				
03282	07	11/11/83	SUPER DUPER	POKEY DOKEY
SUBJECT:ATARI TRADING				
03283	06	11/11/83	SUPER DUPER	BILL W
SUBJECT:ATARI TRADING				
03284	16	11/11/83	SUPER DUPER	BILL SYLVESTER
SUBJECT:A BASEBALL "TEAM"				
03287	09	11/12/83	SUPER DUPER	JAMES PALLACK
SUBJECT:TRADING ATARI STUFF				
03288	06	11/12/83	SUPER DUPER	MIKE BOSNIAK
SUBJECT:ATARI TRADING				
03289	07	11/12/83	SUPER DUPER	JONATHAN ROZENZWEIG
SUBJECT:ATARI TRADING				
03290	08	11/12/83	SUPER DUPER	GLENN REMPE
SUBJECT:ATARI TRADING				
03291	07	11/12/83	SUPER DUPER	JEFF BIER
SUBJECT:ATARI TRADING				
03292	08	11/12/83	SUPER DUPER	MARLENE ZENKER
SUBJECT:ATARI TRADING				
03293	07	11/12/83	SUPER DUPER	MIKE VARIO
SUBJECT:ATARI TRADING				
03294	07	11/12/83	SUPER DUPER	ROB MACKINNON
SUBJECT:ATARI TRADING				
03295	07	11/12/83	SUPER DUPER	DANA HUDES
SUBJECT:ATARI TRADING				

-----END OF SUMMARY-----

Using The L.I.C.A. Bulletin Board System
Al Levy (Part 7) continued

PART 4. Retrieving messages

FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,# (OR ? IF NOT KNOWN)? **R;3284**

Msg 03284 is 16 line(s) on 11/11/83 from SUPER DUPER to BILL SYLVESTER re: A BASEBALL "TEAM"

DEAR BILL

IN CASE YOU HAVEN'T REALIZED, THE METS ARE *L*O*S*E*R*S!!! BY THE WAY, IF YOU WANT MAGIC, HIRE DAVID COPPERFIELD!!!!!! ALSO, WHAT IS A 'MOOKIE'? ROOT FOR A REAL TEAM, MOVE TO THE BRONX!!!
 FONDLY, GEORGE STEINBRENNER

FUNCTION: A,B,C,D,E,F,G,H,I,K,M,N,O,P,Q,R,S,T,V,W,X,#(OR ? IF NOT KNOWN)? **G**

Comments Y/N/R: Want to leave any comments or suggestions for the eyes of the sysops only, or enter 'R' to return to the bulletin board? **N**

11/13/83 09:03:23 / Connect time 013 minutes

Character counts 150 typed by you, 14363 typed by system. From the Long Island Computer Association:Thanks for calling, Al

++End of connection++

Complete volumes of THE STACK

are available on SS/SD disks (8" for CP/M) and (5" FOR Northstar). These disks will be made available to the membership for a nominal fee just after the 1st of January 1984. The price will be slightly higher for non-club members.

MONTHLY MEETINGS

The Long Island Computer Association, INC. is open to everyone, amateur or professional with an interest in computers, computer applications, programming, or related subjects. Dues are \$12.00 per year which includes monthly issues of this publication. All meetings, except the Suffolk meeting of the IBM PC/UG, KAYPRO, and 6800/UG are held at the New York Institute of Technology, Old Westbury Campus. **LICA** meets each month on the third Friday evening at 8:00 in Room 508, Building 500.

Long Island Computer Association, Inc. Special Interest Groups

SUB-GROUP	CHAIRMEN	PHONE(516)	Meetings Each Month
6502	George Carlsen		3rd Friday 7:00
680X	Roger Kaucher	796-8746	
ATARI	Michael Grussell	794-4895	3rd Friday 7:00
COMMODORE	Judy Schwartz	579-4792	3rd Friday 7:00
FRAN/APPLE	Susan Heimlich	759-9716	3rd Friday 7:00
IBM - Suffolk	Marvin Freifeld	724-0574	2nd Friday 8:00
IBM - Nassau		724-0574	1st Friday 8:00
KAYPRO	Richard Weingarten	627-9276	Call for Info
NEC	Jerry Worthing	735-2952	Call for Info
PolyMorphic	Al Levy	293-8368	3rd Friday 7:00
S/100 CP/M	Bob Sewall	541-4837	2nd Friday 8:00
TRS-80	Ed Zuilkowski	938-3320	2nd Friday 7:00



The University of Texas System Cancer Center

M. D. Anderson Hospital and Tumor Institute

Texas Medical Center • 6723 Bertner Avenue • Houston, Texas 77030

December 6, 1983

Mr. Al Levy
L.I.C.A.
P. O. Box 71
Hicksville, New York 11802

Dear Mr. Levy:

A woman in your area recently wrote to me for a copy of our computer game, "Killer T-Cell," which we market from the laboratory to support basic cancer research. In her letter she revealed that the game disk is for her son, who has lymphoma. I have enclosed a copy of her letter.

Although we designed our cancer game as an educational tool, it also seems to have some therapy benefits, at least in a psychological sense. Unfortunately, families of cancer patients have usually spent all of their resources on doctors and hospitals, so like the woman in the letter, they can not afford to buy an Apple computer system. We are in the process of adapting our game to the Commodore 64 in the near future, but that does not help Mrs. Albanese.

This brings me to the point of this letter. Would L.I.C.A. be willing to help this family with a loaned Apple System? Perhaps someone in the group would invite the boy over to his/her house once a month, so he could play his disk on an Apple. Or maybe you could help the mother find a school system that would lend her an Apple on occasion. Please try to find her and see what you can arrange. I will appreciate it.

Every few months I learn of someone in your area using Killer T-Cell for therapy. If you would be interested in taking on a service project to check on these people to see if you can help, then let me know and I will keep you informed.

I am enclosing a free Killer T-Cell disk for L.I.C.A. so you can see what we are talking about.

Sincerely yours,

A handwritten signature in cursive script that reads 'Elton Stubblefield'.

Elton Stubblefield, Ph.D.
Department of Genetics

ES:rk

Enclosures



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SECRETARY'S REPORT

* NOTE Since the STACK was not published in January and since I have not as yet received a reports from the Apple group nor the LICA secretary, I am publishing the reports submitted by Jackie Tulumello and Susan Heimlich which were supposed to appear in the January issue.

The December meeting of LICA began with the annual election of officers with Al Stone yielding the presidency to Michael Hoffer after a two year reign. During these two years Al has helped the club adjust to changes in membership: LICA now has a much larger membership than two years ago and the average member is now more "user" oriented than the hardware hacker/hobbiest of the earlier years of the club.

Dave Minot discussed the need for a graphics standard. There are several already, which means there is no standard. He also discussed the CBS Teletext system, which is a oneway system of sending captioning on the TV screen plus travel schedules, games, etc. We now have the capability of getting more information out of our TV's - with the help of a decoder.

Present at the meeting was Frank Burghert, well known for the seizure of his personal computer at Stoneybrook, by the FBI. No charges have been filed but his equipment has not been returned. The FBI has claimed illegal entry with intent to defraud using interstate phone lines. This stimulated an interesting discussion between LICA members and Frank's two attorneys.

The main speaker was John O'Neill, marketing representative from the Radio Shack Computer Center at Melville. He demonstrated the Tandy Model 2000 Personal Computer which uses the Intel 80186 processor. This chip is a true 16 bit chip with a clock speed of 8 MHz. The object code is compatible with the 8086/8088. He called it "IBM PC software compatible" because of the MSDOS operating system. The disks themselves are not compatible. The Model 2000 comes with 128K memory and 2 disk drives, 720K per drive. To demonstrate this interesting machine, Mr. O'Neill used a video tape meant for people who know nothing about computers.

Submitted by Jackie T.

=====
FRAN - APPLE / User's Group
=====

This group meets regularly from 7 P.M.- 8 P.M. at the New York Institute of Technology. Meetings are on the same night as the general meeting. In December, 20 members were present.

We heard more about ProDos an APPLE operating system which will be released some time this month. Al DiBlasi described the system which requires a 64K machine. He reminded the group of its hierachical directory structure and its great speed.

In January, the group will see demonstrations of ProDos and LISA. The membership at large is invited to view LISA at work.

Submitted by Susan Heimlich, Chairperson.

PolyMorphic Users Group

The December meeting was attended by 11 members. A vote was taken and approved to change our meeting night to Wednesday nights. Meetings will take place at various members houses.

Unlike much of the competition, Poly has always kept upgrades "upward compatible." Until now, most upgrades meant buying a new disk. The single exception being the installation of a new set of ROMs released in 1981. Cost (\$120) These ROMs support five inch (SS/SD) (DS/DD), eight inch (SS/SD) (DS/DD), Hard disks and Backup drives. The ROMs were designed to support any new device by using the "CONNECT" and "Driver" software supplied by the company and provided there is a device controller. "Old" software works despite which ROMs are being used.

System/186-A Hardware Upgrade

Al Levy discussed the pre-release news of the System/186. System/186 uses a relatively new but increasingly popular concept in multi-user computer systems called "Per-User-Computers" or "clustering."

The System/186 Cluster uses the proposed IEEE-696 standard bus (also known as S/100), which had become the de-facto industry standard even before its formal acceptance by the IEEE.

A cluster is a simple star network, with a 'Master Computer' in the center of the star. The peripheral user computers group around the center. Each user computer operates as an independent micro, with its own CPU, RAM, Video Display, Keyboard, and other per user devices.

The Master handles file storage, database management, printer spooling, electronic mail, and other centralized functions. These are controlled via messages passed to and from the User Computers.

The entire cluster network is contained within a single chassis. It communicates over a single hardware bus. The length is normally no longer than a few feet.

The limit on the number of users is imposed by chassis size, power supply capacity, the maximum bus length and loading. This can be overcome by connecting multiple Clusters together using established Local Area Network Technology, such as the Intel/Xerox/Dec 'Ethernet'.

It was Al's opinion that such a two level system is cost effective (per user), expandable, and that it gives higher performance than a functionally equivalent single level system using only a Local Area Net.

The User Computer and Master Computer are actually identical cards. The Master card has a special extension board that allows it to drive the IEEE-696 bus. The User Computers appear to the Master Computer as peripheral devices on the bus (I/O ports.) From the User Computer's point of view, the Master is also a peripheral device, but it is local to the User computer board (IEEE-696 bus is not accessed.)

Message transfers between Master and User Computers are accomplished by co-ordinating the DMA channels at both ends so that data is transferred through the User Computer's Slave port. The User and Master computers can interrupt each other in order to request or acknowledge a message transfer. The Master Computer interrupts the User by writing to the Slave Command port on the User card. The User computer interrupts the Master via a single, shared IEEE-696 interrupt line. The Master must poll all of the User Computers via a read of the Slave Command Port on the User card.

The Master can access RAM on the Bus by re-mapping the upper part of its directly addressable space of 1 MByte. This is accomplished by a mapping register which selects a block of 512 Bytes from the IEEE-696 addressable space of 16 MByte. When the mapping register contains a zero, memory references to high addresses go to the upper part of local RAM. When non-zero, these references access the Bus using the mapping registers as the top 5 bits of address. The lowest 512K Byte block on the bus is not accessible.

Our next discussion will explore the hardware configuration of each board, cabling, plus the software structuring of the System/186.

P-R-O-P-O-R-T-I-O-N-A-L
SPACING ON WORDSTAR

In the days before the marvelous micro, I used an IBM Executive typewriter. This is the Cadillac of typewriters. The print was gorgeous due to proportional spacing capability of the machine. Most secretary's abhor the Exec because as a typist you must remember to backspace two characters for a lower case letter, 5 characters for an upper case M or W, one character for an "I" etc. I always had a chart pasted onto the typewriter but after constant usage, the chart was ignored.

A few days ago I received a phone call from a young man at WRITING CONSULTANTS. I had called earlier requesting information regarding a book entitled "PROPORTIONAL SPACINGS ON WORDSTAR", which these people publish. We had a conversation which lasted about 30 minutes. As a result of that conversation, LICA has a new member, the STACK has a new full page ad and I have a copy of the book on proportional spacing.

As with most books on programming, you have to bring to it some sense of daring and the desire to learn. Any novice can read and understand the text and for the uninitiated it seems to be a good starting point to learn such things as patching and modifying a program.

The man did his homework. The book spells out all of the possible combinations. If you have a daisy wheel printer and if you use Wordstar and if you want proportional spacing this is the way to go. The book covers the various Diablo models, the NEC and Qume printers and will work with just about any daisywheel printer.

The author first gives an overall view of the procedure. He also points to the differences in INSTALL versions and Wordstar versions. So, you as the installer must know the model number of your printer and the revision of Wordstar/INSTALL that you are using. For the person who does not have that information, there is enough reference to the type of wheel that you use (plastic or metal) that with a small amount of common sense you can figure out the model number of printer.

The first chapters explain how the PS table works. The author created sub/chapters to cover the various Wordstar revisions and/or printer types. There are clearly printed examples of how your final copy should look and more important, examples of how it will look if something is wrong. This makes it easy to trace where you went wrong in installing the proportional spacing HEX codes.

Margins, Formats, and FORMAT FILES are covered. The author suggests setting up a format file with a ruler so that the typist can see how to align various word configurations. Once a ruler line is in place, you can automatically set all margins and tabs. Many of the common problems such as decimal alignment and columnar typing are spelled out with the solutions explained.

How long does it take? I typed in the HEX codes in about 15 minutes. Of course I cheated. If you buy the book I'll explain how you can do the same. This will cut your typing time in half. The user can add commands to Wordstar to turn the proportional spacing on or off plus set up defined tabs etc.

There are numerous charts in the book showing the various printwheels and the equivalent codes for each character. There is a DECIMAL - HEX - ASCII conversion chart and at least a half page sample of each font from the various companies. When I was chasing around for wheels I only wish I had a copy of this book rather than the poor excuse for charts put out by the manufacturers.

In addition to the above, there is a Diablo / Xerox cross reference table, a Xerox plastic printwheel reorder number reference sheet, and a proportional spacing command summary.

The big question... does it work? After modifying my version of Wordstar I edited and printed one page of an .ASM file that happened to be on that disk. I printed the page using WS.COM and then reprinted the page using WSPS.COM. To my amazement, it worked beautifully. If you are wondering why I don't use it for the STACK, I have not as yet been able to modify the Poly printer driver to accomplish this feat. I am not yet ready to give up the Poly editor for Wordstar. FOR MORE INFORMATION:

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THE LICA SOFTWARE LIBRARY

This is a continuation of the listing printed in the December STACK. If I ever get through the SIG/M list I will start publishing the CP/M list.

SIG/M Volume 29 documentation addendum #1 of SIG/M and CPMUG catalog of public domain software Volumes (original edition contained in SIG/M.015)

SIG/M Volume 30 documentation addendum #2 of SIG/M and CPMUG catalog of public domain software Volumes (original edition contained in SIG/M.015 and SIG/M.029)

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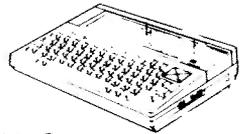
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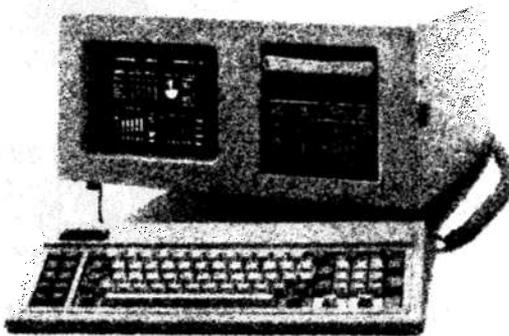
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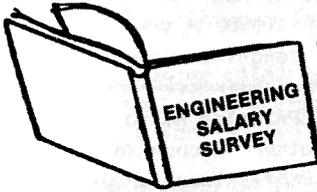
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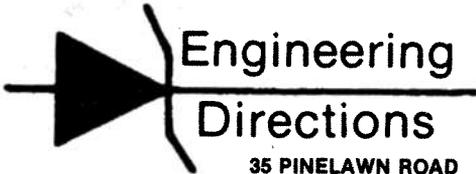
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Member articles and other data affecting The STACK must be received by the 1st of any month, to be published in the following issue. All copy should be sent to:

Al Levy - P.O.Box 71 - Hicksville N.Y. 11801 - (516) 293-8368

NEW DUES POLICY

To keep all of the records straight dues will be pro-rated. NEW MEMBERS ONLY - \$12.00 IN JANUARY - Deduct a dollar for each month (Feb dues for a new member is \$11.00)

Renewals are always \$12.00 per year

All members are requested to fill in the application form when paying dues. Our data base is almost complete as to who owns which equipment. If you see extra characters on your mailing label, that means we do have your information. If your label looks the same as always, I would appreciate your dropping me a note letting me know what computer you own or which sub group meetings you attend.

1984 APPLICATION FOR MEMBERSHIP (Please Print)

Name: _____

Address: _____

City/State: _____ Zip: _____

Telephone: _____ Date: _____

Sub Groups You Attend: _____

P L E A S E C H E C K O N E

[] RENEWAL NEW MEMBER []

Computer Equipment Owned: (OPTIONAL)

NEW MEMBERS ONLY

Reccomended to LICA by: _____

Please enclose \$12.00 DUES and send to:

L.I.C.A P.O.BOX 71 HICKSVILLE, N.Y. 11802

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