

SYDTRUG NEWS

SYDNEY TRS-80
USERS GROUP
NEWSLETTER

Volume 4, Issue No. 1, ---- September 1983.

FRONT PAGE NEWS

The Annual General meeting has come and gone, if you were not present those elected were :-

| | | |
|--------------------|---|----------------|
| President | - | Rowan Evans |
| Secretary | - | Les Ayling |
| Treasurer | - | Michael Cooper |
| Purchasing Officer | - | Mick Rowney |
| Librarian | - | Keith Black |
| Librarian | - | Denis Pagett |
| Editor | - | Gary Bryce |
| Auditor | - | Doug Dawson |

I am sure you all wish them success in their endeavours in the coming year.

GENERAL

Included in this issue you will find a copy of the Constitution of the Club, as many members who have joined in recent years (including yours truly), have not previously been provided with a copy.

You will also find the Auditors Report on the financial state of the group, the Executive Committee decision on Membership fees, suggestions for the future activities of the group and articles (submitted by the usual crew), which I hope you will find both interesting and informative.

From this issue onwards the I intend to have the newsletter ready for publication and posting so that it will reach you before the meeting on the second Saturday of the month. The next General meeting will be held at the usual venue at the rear of Pattersons Florists on Saturday the 10th of September commencing at 1 PM.

As this is my first attempt as Editor of the Newsletter, I am looking forward to any suggestions with regard to the content and structure, plus the submission of future articles for publication.

Your Editor
Gary Bryce.

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COMING ARTICLES.

In this column I will give a short summary of articles and features that will be appearing in future issues of the newsletter. These articles may not necessarily appear in the next issue or in the order listed. It will hopefully provide a stimulus for discussion and further suggestions on these items.

SYNTAX/CMD

Rowan Evans

Follow on article to HELP appearing in this issue, SYNTAX does for the Misosys SYN files what HELP/CMD does for the HELP files.

CONFIG/CMD

Rowan Evans

Config is an in-memory modifier for NEWDOS/80 version 2.0, to enable the user to set and reset the drive specifications without the need to "Hard Change" through PDRIVE.

ENVIRON/SCE

Rowan Evans

Environ is the source code for a appendage file to add Non-DOS Level II vectors to programs which are to be loaded from disk but must operate in a Level II environment.

LP8DVR/CMD

Gary Bryce

Lp8dvr is a printer driver and Screen print routine for the TANDY Lineprinter VIII and the Model I.

LDOS vs NEWDOS

Gary Bryce

This article is a comparative reveiw of the merits of these two operating systems, with particular emphasis on compatability and user support.

DRIVE MODIFICATIONS

Gary Bryce

Further to previous articles on the modification of your drives, this article details the steps required to convert various drives for "FLIPPY" operation.

FED/FIX

This is a listing of a PATCH to the Galactic Software program FED/CMD.

.FED/FIX

- , Patch to file editor FED/CMD.
- , the first section of this patch (c) L.S.I. Inc.
- , (LDOS Quarterly Vol. 2 No. 1)
- , This portion is mandatory to correct the <L> command.
- ,

D1B,81=0B 20 01 04

- , The second section of this patch (c) G.Bryce
- , Enables the display and modification of Graphics
- , characters in both 256 and 128 byte modes.
- ,

D10,2D=06

D12,66=06

D13,91=06

,
.END of Patch

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CONSTITUTION OF THE SYDNEY TRS-80 USERS CLUB

----- 25/08/80 -----

1. Name - The name of the organization shall be the "SYDNEY TRS-80 USERS CLUB". This is normally to be abbreviated to "SYDTRUG".
2. The primary objectives of the club shall be Education in the use and modification of the TANDY TRS-80 and the DICK SMITH SYSTEM-80 microcomputers, and any other compatible computers.
3. Membership of the club shall consist of those persons who share common interests, have paid the subscription prescribed by the committee and have been elected to membership in accordance with the by-laws concerning such membership.
4. The Committee -
 - (a) The club shall elect a committee consisting of five members or any other number as may be determined at an Annual General Meeting.
 - (b) The term of office of committee members shall be for a maximum period of 12 months or until the next Annual General Meeting.
 - (c) Vacancies in the committee may be filled by members chosen by the committee.
 - (d) No office of profit shall exist within the club.
 - (e) The committee shall at all times act for the furtherance of the aims of the club as decided in General meeting.
 - (f) The members shall elect a President, Secretary, Treasurer, and two committee members at each Annual General Meeting. The committee shall have the power to co-opt whomsoever it requires for particular tasks within the aims of the club.
 - (g) The members shall also elect an honorary Auditor and a Magazine Editor, who shall serve for the same terms as the committee.
5. The club shall exist for its' members and shall not distribute any of its' assets or income to members except in the discharge of lawful debts. In the event of the club being wound up, the assets of the club will be sold and the proceeds, together with the funds held in the Bank Accounts, will be distributed equally among the members.
6. In the event that the club becomes incorporated, it shall register as a company limited by guarantee in the state of New South Wales and shall have articles of association embodying the spirits of this constitution.
7. Vacation of Office - The office of a member of the committee shall become vacant
 - (a) Upon his death.
 - (b) If he becomes Bankrupt or makes any arrangement or composition with his Creditors generally.
 - (c) If he becomes mentally ill or is a person whose person or estate is liable to be dealt with, in any way, under the law relating to Mental health.
 - (d) If he resigns his office by notice in writing to the club.

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- (e) If he is absent from any more than 3 successive committee meeting without leave.
 - (f) If he ceases to be a financial member of the club.
 - (g) Upon a resolution being passed by a two thirds majority of members present at a properly constituted Extraordinary General Meeting, specially notified for the purpose of removing him from office provided that the office bearer being removed shall be allowed to offer an explanation either verbally or in writing or both.
 - (h) If he holds any office of profit under the club.
 - (i) If he enters into any contract affecting the club without revealing to the committee at the first opportunity that interest.
8. The Financial Year of the club shall be from the 1st of July to 30th June in the following year.
9. The Constitution can only be changed at a properly constituted Annual General Meeting or at an Extraordinary General Meeting of which notice has been given to the members in the club newsletter or by notice and deemed to have been recieved and that it can be further declared at a Normal General Meeting preceding the Annual General Meeting or the Extraordinary General Meeting by at least twenty eight (28) days.
10. General Meetings -
- (a) The times and dates of General Meetings shall be determined by the by-laws. The Annual General Meeting shall be a General Meeting held following but not more than eight (8) weeks following the end of the clubs' financial year.
 - (b) The committee shall, upon receipt of a petition signed by not less than ten (10) percent of the members or at least 20 members (whichever is the greater) requesting the convening of an Extraordinary General Meeting, proceed to call such meeting by giving due notice to all financial members.
 - (c) only financial members shall be entitled to vote at General Meetings or Extraordinary meetings or the Annual General Meeting.
11. Quorum - At General meetings the quorum shall consist of 20% of the members or at least 10 members, whichever is the lesser, and at a Committee meeting shall consist of three members. Should, within 30 minutes of the time set down for the meeting to commence, a quorum not be present then the meeting shall be adjourned to the same time and place one week later or to a time and to a place within one month of the date of such meeting, to be determined thereat. If at such adjourned meeting a quorum should not be present, then those members attending shall be deemed to be a quorum, provided that the number of members is not less than two.
12. Club Funds -
- (a) All monies received by the club shall be deposited intact at the earliest possible date to the credit of a cheque account styled "SYDNEY TRS-80 USERS CLUB". Receipts for all monies received shall be issued promptly.
 - (b) All payments made by the club will be paid from the abovementioned account.
 - (c) Signatories to the abovenamed account will be the current President, Secretary and Treasurer. Cheques must be signed by any two of these office bearers.

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EXECUTIVE RAMBLINGS

At a meeting of the Executive Council of the Sydtrug on 16/7/83 at Pattersons Florist, several points were discussed as follows.

1. It was mutually re-affirmed that no copying of copyright protected programs would be condoned by the club in any shape or form. It must be realised that the final onus falls on each and every member. The committee recognised the fact that certain parties may be attracted by the promise of free software, however it must be pointed out that the club has never supported piracy. (see page 2 of the October 1980 Newsmagazine.)
2. It was decided that an annual fee of \$20 would be introduced for all club members due and payable as of August 1st 1983. There are two exceptions outlined below.
 - (a) Any club member who has children under the age of 16 years is entitled to bring said children without extra fee. Upon reaching 16 years said children are required to become financial members of the club.
 - (b) Any member who has joined the group since January 1st 1983, is not liable until August 1st 1984.

It should also be noted that no discounts for Student or Pensioners can be arranged.

3. Each member when paying the membership fee will be required to complete a membership form (see back of newsletter), giving details of his computer system, and any particular talents or areas of expertise he may have which will be of use to other members of the club. The member may, at his discretion, opt to specify such information as telephone numbers and addresses as not for publication. Otherwise all information will be made available to all club members.
4. At this point it was moved and carried unanimously that \$30 be advanced to the Librarian for use in setting up the club library facility.
5. The committee agreed that there was a need for the formation of special interest sub-groups within SYDTRUG, suggestions follow :-

- Modem group
- Ldos group
- Newdos group
- Hardware group
- Assembler group
- Basic group
- Business group
- Alternate Languages group (ie Pascal, Forth, Fortran)
- CP/M group
- Games group
- Beginners group

Each of these groups having a convenor who can be contacted by any member after information in that particular area.

These sub-groups would be required to play an active part in the production of material for the Newsletter.

At this time the meeting was closed.

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The next Executive committee meeting was held on August 16th 1983, this being the committees' first formal meeting, items discussed were :-

- (a) Books of Account - Mr.Cooper reported that the Auditor pointed to deficiency in the keeping of proper financial records. Mr.Evans recommended that a set of properly conducted books be commenced. Mr.Cooper suggested the opening of a Petty Cash account of \$100 which could be used initially to purchase the necessary stationary. The meeting so resolved.
- (b) The Australian Beginning - Mr.Cooper reported that the Australian Beginning was prepared to offer club members a substantial discount in both joining fees and charges. Applications for membership of T.A.B. must be on a special form supplied by SYDTRUG. Mr.Lutz of T.A.B. has agreed to supply the club with a master distribution diskette of the TRS-80 front-end software.
- (c) Post Office Box - Mr.Ayling reported that he held a Post Office box which the club was free to use as a postal address. Mr.Evans recommended that Mr.Ayling's offer be accepted. The meeting resolved that the new postal address of the club shall be P.O. Box 43, Erskinville 2043.
- (d) Membership Renewal - Mr.Cooper reported that the membership data base program has been prepared and it will now be possible to renew membership on the anniversary of joining. Mr.Evans moved members more than one month in arrears be declared unfinancial. (carried)
- (e) Membership Application Form - the new application form will be attached to the newsletter.
- (f) Payment of Liabilities - Mr.Cooper reported the current liabilities as shown in the Annual report to be \$340.27, consisting of - \$90.27 reimbursement to M.Rowney for postage and printing charges, and \$250 to M.Rowney for cost of power points and benches. Mr.Cooper reported that Mr.Rowney has offered to waive liability for the \$250 if the club will pay a nominal rental for usage of the facilities at 1120 Botany Rd, Botany. It was resolved to offer a rent of \$50 per month, and to extend a vote of thanks to Mr.Rowney for his continuing support of SYDTRUG.
- (g) Club Letterhead - 500 copies of A4 size letterhead will be printed for use in club correspondence.
- (h) Membership Card - this issue will be listed on the agenda of the next meeting.
- (i) Committee Meetings - will be held on the first Tuesday of the month.
- (j) Bulletin Board Software - further investigation will be made with respect to suitability for use by SYDTRUG of a CBBS.
- (k) Constitution - a copy of the Constitution was forwarded to Mr.Bryce for publication in the Newsletter.

Meeting was then adjourned.

HELP/CMD

Anyone who has used the HELP and SYNTAX Utilities for LDOS by Misosys will know how useful they are for reference. They are however quite cumbersome in use as you must know which file to access.

Rowan Evans has submitted the source code for a program he calls HELP/CMD, which will allow you to access these files in the format :-

HELP Param - where Param is the command or utility required

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```

00100 ;*****
00110 ;*                HELP/CMD                *
00120 ;*                (C) 1982 Rowan Evans, Sydney, Australia.        *
00130 ;*
00140 ;* This program accepts keyboard input, then searches *
00150 ;* a list of keywords to then output a command to LDOS *
00160 ;* to execute the correct HELP PDS file.                *
00170 ;*                Command Syntax - HELP function          *
00180 ;*****
00190      ORG      05600H
00200 INBUF      EQU      04318H ; LDOS Command Input Buffer.
00210 CMNDI      EQU      04405H ; LDOS Command Executor.
00220 ROMPRT      EQU      00033H ; Level II Screen Print Routine.
00230 CLS        EQU      001C9H ; Level II Clear Screen Routine.
00240 DOS        EQU      0402DH ; LDOS Return to DOS Command Level.
00250 HELP       DEFM      'HELP' ; String for comparison in IFCMP.
00260 CMD        DEFM      ' ' ; Storage for input parameter.
00270 LIB        DEFW      00000H ; Storage for Address of Command to execute.
00280 LCMD       DEFB      000H ; Length of input command.
00290 LLIB       DEFW      000H ; Length of library command.
00300 ;
00310 ; These are the strings required for executable commands.
00320 ;
00330 HELPA      DEFM      'HELPA('
00340 HELPB      DEFM      'HELPB('
00350 HELPX      DEFM      'HELPA('
00360 HELPLB     DEFM      'HELPLB('
00370 HELPP      DEFM      'HELPP('
00380 ;
00390 ; These are the console messages.
00400 ;
00410 MUNAV      DEFM      'HELP unavailable for requested function.'
00420           DEFB      00DH
00430           DEFB      00DH
00440 PARMSG     DEFM      'No Parameter Input !'
00450           DEFB      00DH
00460           DEFB      00DH
00470 MSP1       DEFM      'LDOS HELP Command Parser - Version 5.1.0'
00480           DEFB      00DH
00490           DEFM      '(C) 1982 Rowan Evans, Sydney, Australia.'
00500           DEFB      00DH
00510           DEFM      'Serial # 10202518. 23/11/82.'
00520           DEFB      00DH
00530           DEFB      00DH
00540           DEFM      ' to request HELP for a PDS function and for the'
00550           DEFB      00DH
00560           DEFM      ' RUN and SETEOF functions of LBASIC -'
00570           DEFB      00DH
00580           DEFM      ' - prefix PDS commands with "PD".'
00590           DEFB      00DH
00600           DEFM      ' - prefix LBASIC commands RUN and SETEOF with
"LB".'
00610           DEFB      00DH
00620           DEFB      00DH
00630           DEFB      00DH
00640 ;
00650 ; PRINT - This routine prints the string pointed to by
00660 ; the HL register pair. The routine will ignore

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00670 ;      all control characters in the string until a
00680 ;      X'00' byte is located, when the routine will
00690 ;      return to caller.
00700 ;
00710 ; ENTRY - HL => String to be printed.
00720 ;
00730 PRINT    LD      A,(HL)      ; Get a byte to print.
00740         CP      000H        ; Are we finished ?
00750         RET      Z          ; Yes, Return to Caller.
00760         CALL    ROMPRT      ; No, Print byte.
00770         INC     HL         ; Point to next byte.
00780         JP      PRINT      ; Go and print it.
00790 ;
00800 ; SCAN - This routine scans the DOS input buffer to
00810 ;      locate any parameters input with the program's
00820 ;      invocation. Any input will be converted from
00830 ;      lower case or control characters to upper case.
00840 ;
00850 ; ENTRY - Nil.
00860 ;
00870 SCAN     LD      IX,INBUF-1  ; Point to input buffer.
00880         LD      IY,CMD        ; Point to parameter storage area.
00890         LD      B,000H        ; Zero length counter.
00900 SCAN1    LD      A,020H      ; Skip over program
00910         INC     IX           ; invocation part of input command.
00920         CP      (IX)        ; Is it a blank ?
00930         JP      Z,SCAN2      ; Yes, Go and get parameter.
00940         LD      A,00DH      ; Check for
00950         CP      (IX)        ; carriage return.
00960         JP      Z,SCAN3      ; Found it - Complain.
00970         JP      SCAN1       ; Continue scan.
00980 SCAN2    INC     IX         ; Get next byte.
00990         LD      A,(IX)      ; Is this
01000         CP      020H        ; byte a blank too ?
01010         JP      Z,SCAN2      ; Yes, Get next byte.
01020         CP      00DH      ; Is it a C/R ?
01030         JP      Z,SCAN3      ; Yes, Exit.
01040         INC     B           ; Add 1 to length.
01050         CP      020H        ; Is it a control character ?
01060         JP      NC,CONT      ; No, Continue.
01070         ADD     A,040H      ; Make it Upper Case.
01080         JP      SNXT        ; Continue....
01090 CONT     CP      060H      ; Is it Lower Case ?
01100         JP      C,SNXT      ; No, Continue....
01110         SUB     020H      ; Make it Upper Case.
01120 SNXT     LD      (IY),A     ; Save byte.
01130         INC     IY         ; Point to next byte.
01140         JP      SCAN2       ; Continue scan.....
01150 SCAN3    LD      A,B        ; Save length of
01160         LD      (LCMD),A     ; input parameter.
01170         CP      000H        ; Length = 0 ?
01180         JP      NZ,EXIT      ; No, Exit.
01190         LD      HL,PARMSG    ; Yes, Complain
01200         CALL    PRINT      ; about it.....
01210         JP      DOS        ; and return to DOS.
01220 EXIT     RET              ; Else return to caller.

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01230 ;
01240 ; SEARCH - This routine will search a string pointed to
01250 ; by the IX register pair, and return a code as
01260 ; to whether it found it or not. It will also
01270 ; put the input parameter into the executable
01280 ; command, terminate it with ")" and a carriage
01290 ; return then load the HL register pair with the
01300 ; address of the command.
01310 ;
01320 ; ENTRY - IX => String to search.
01330 ; DE = Number of items in string.
01340 ; HL => Address to store input string if found.
01350 ; LLIB - 2 bytes - Length of input parameter.
01360 ; LIB - 2 bytes - Address of executable command
01370 ;
01380 ; EXIT - HL => Start of Executable Command.
01390 ; A = Return code - FF - Not found.
01400 ; 00 - Found.
01410 ;
01420 SEARCH LD IY,CMD ; Point to input parameter.
01430 LD BC,(LLIB) ; Get length of library string.
01440 LD B,000H ; Zero out B register.
01450 LD D,000H ; Zero out D register.
01460 LD A,(LCMD) ; Get length of
01470 LD D,A ; input parameter.
01480 COMP LD A,(IX) ; Compare
01490 CP (IY) ; input to library.
01500 JP Z,GO ; Equal - continue...
01510 ADD IX,BC ; Not equal - point to
01520 JP ENDCMP ; next item and continue.
01530 GO INC IX ; Point to next
01540 INC IY ; byte of both strings.
01550 DEC C ; Decrement length of library.
01560 JP Z,STORE ; End of string - Save it.
01570 DEC D ; Decrement length of input.
01580 JP Z,STORE ; End of string - Save it.
01590 JP COMP ; Else continue search.
01600 ENDCMP DEC E ; Decrement # of items.
01610 JP NZ,SEARCH ; Not finished - Continue....
01620 LD A,0FFH ; Finished - Not Found.
01630 JP SEXIT ; Exit.
01640 STORE LD A,(LCMD) ; Get length of
01650 LD B,A ; of input parameter.
01660 LD IX,CMD ; Point to input parameter.
01670 MOVE LD A,(IX) ; Move it to
01680 LD (HL),A ; executable command.
01690 INC IX ; Next byte of
01700 INC HL ; command and parameter.
01710 DJNZ MOVE ; Continue until done.
01720 LD A,')' ; Terminate
01730 LD (HL),A ; command with
01740 INC HL ; ")" and
01750 LD A,00DH ; carriage
01760 LD (HL),A ; return.
01770 LD HL,(LIB) ; Point to start of command.
01780 LD A,000H ; Return code - Found.

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01790 SEXIT    RET                                ; Exit.
01800 ; SRCH2 - This routine is nearly identical to SEARCH with
01810 ;         the following changes - the input parameter has
01820 ;         its first two bytes truncated on output to the
01830 ;         executable command.
01840 ;
01850 ;         Besides I'm too lazy to type in identical
01860 ;         comments to SEARCH !
01870 ;
01880 SRCH2      LD      IY,CMD
01890           LD      BC,(LLIB)
01900           LD      B,000H
01910           LD      D,000H
01920           LD      A,(LCMD)
01930           LD      D,A
01940 COMP2      LD      A,(IX)
01950           CP      (IY)
01960           JP      Z,G02
01970           ADD     IX,BC
01980           JP      NDCMP2
01990 G02       INC     IX
02000           INC     IY
02010           DEC     C
02020           JP      Z,STORE2
02030           DEC     D
02040           JP      Z,STORE2
02050           JP      COMP2
02060 NDCMP2     DEC     E
02070           JP      NZ,SRCH2
02080           LD      A,0FFH
02090           JP      EXIT2
02100 STORE2    LD      A,(LCMD)
02110           DEC     A                                ; Drop leading two
02120           DEC     A                                ; bytes from parameter.
02130           LD      B,A
02140           LD      IX,CMD+2
02150 MOVE2      LD      A,(IX)
02160           LD      (HL),A
02170           INC     IX
02180           INC     HL
02190           DJNZ     MOVE2
02200           LD      A,')'
02210           LD      (HL),A
02220           INC     HL
02230           LD      A,00DH
02240           LD      (HL),A
02250           LD      HL,(LIB)
02260           LD      A,000H
02270 EXIT2      RET
02280 ;
02290 ; IFCMP - This routine checks the input parameter to a
02300 ;         string pointed to by the IY register pair.
02310 ;
02320 ; ENTRY - B = Length of string.
02330 ;         IX => Input parameter.
02340 ;         IY => Compare string.

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02350 ;
02360 ; EXIT - A = Return code - FF - Not found.
02370 ; 00 - Found.
02380 ;
02390 IFCMP LD A,(IX) ; Parameter =
02400 CP (IY) ; String ?
02410 JP NZ,FALSE ; No, Indicate & exit.
02420 INC IX ; Point to next
02430 INC IY ; bytes of strings.
02440 DJNZ IFCMP ; Continue until done.
02450 LD A,000H ; Return code - Found.
02460 JP IEXIT ; Exit
02470 FALSE LD A,0FFH ; Return code - Not found.
02480 IEXIT RET ; Exit.
02490 ;
02500 ; Main body of program starts here.....
02510 ;
02520 START CALL CLS ; Clear screen.
02530 LD HL,MSP1 ; Print
02540 CALL PRINT ; Credits.. (Ta-Ra!)
02550 CALL SCAN ; Get parameter.
02560 LD B,004H ; Look
02570 LD IX,CMD ; for
02580 LD IY,HELP ; "HELP"
02590 CALL IFCMP ; in input.
02600 CP 000H ; Found it ?
02610 JP Z,UNAV ; Yep - Complain (Bitterly!).
02620 ;
02630 ; Again this little piggy gets lazy - the comments for
02640 ; the next section are boringly repetitive - set up call
02650 ; parameters then SEARCH - if return code = 00 then go
02660 ; and execute it.
02670 ;
02680 LD IX,LIBA ; Point to String to search.
02690 LD IY,HELPA ; Save address of
02700 LD (LIB),IY ; executable command.
02710 LD DE,(LIBA-2) ; # of items in library.
02720 LD BC,(LIBA-1) ; Save length
02730 LD (LLIB),BC ; of library items.
02740 LD HL,HELPA+6 ; Address of where to store parameter.
02750 CALL SEARCH ; Search string !
02760 CP 000H ; Found it ?
02770 JP Z,EXEC ; Yes, Execute !
02780 LD IX,LIBP
02790 LD IY,HELPP
02800 LD (LIB),IY
02810 LD DE,(LIBP-2)
02820 LD BC,(LIBP-1)
02830 LD (LLIB),BC
02840 LD HL,HELPP+6
02850 CALL SRCH2
02860 CP 000H
02870 JP Z,EXEC
02880 LD IX,LIBO
02890 LD IY,HELPLB
02900 LD (LIB),IY

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02910      LD      DE,(LIB0-2)
02920      LD      BC,(LIB0-1)
02930      LD      (LLIB),BC
02940      LD      HL,HELPLB+7
02950      CALL    SRCH2
02960      CP      000H
02970      JP      Z,EXEC
02980      LD      IX,LIBB
02990      LD      IY,HELPLB
03000      LD      (LIB),IY
03010      LD      DE,(LIBB-2)
03020      LD      BC,(LIBB-1)
03030      LD      (LLIB),BC
03040      LD      HL,HELPLB+6
03050      CALL    SEARCH
03060      CP      000H
03070      JP      Z,EXEC
03080      LD      IX,LIBX
03090      LD      IY,HELPLX
03100      LD      (LIB),IY
03110      LD      DE,(LIBX-2)
03120      LD      BC,(LIBX-1)
03130      LD      (LLIB),BC
03140      LD      HL,HELPLX+6
03150      CALL    SEARCH
03160      CP      000H
03170      JP      Z,EXEC
03180      LD      IX,LIBL
03190      LD      IY,HELPLB
03200      LD      (LIB),IY
03210      LD      DE,(LIBL-2)
03220      LD      BC,(LIBL-1)
03230      LD      (LLIB),BC
03240      LD      HL,HELPLB+7
03250      CALL    SEARCH
03260      CP      000H
03270      JP      Z,EXEC
03280 UNAV      LD      HL,MUNAV      ; Print HELP
03290      CALL    PRINT      ; unavailable !
03300      JP      DOS      ; Return to LDOS.
03310 EXEC      CALL    CMNDI      ; Execute command.
03320      JP      DOS      ; Return to LDOS.
03330 ;
03340 ; This section contains all the strings to be searched
03350 ; format of the search string is -
03360 ;      One byte - Number of items in string.
03370 ;      One byte - Length of items in string.
03380 ;      Variable - String to search.
03390 ;
03400 ; Library A - 18 items - 4 bytes in length.
03410 ;
03420      DEFB      018D
03430      DEFB      004H
03440 LIBA      DEFM      'APPECOPYDEVIDIR DO FILTKILLLIB LINKLISTLOAD'
03450      DEFM      'MEMORENARESEROU RUN SET SPOO'
03460 ;

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03470 ; Library B - 16 items - 6 bytes in length.
03480 ;
03490         DEFB      016D
03500         DEFB      006H
03510 LIBB     DEFM      'ATTRIBAUTO  BOOT  BUILD  CLOCK  CREATEDATE  '
03520         DEFM      'DEBUG  DEBUGXDUMP  FREE  PURGE  SYSTEMTIME  '
03530         DEFM      'TRACE  VERIFY'
03540 ;
03550 ; Utilities - 15 items - 4 bytes in length.
03560 ;
03570         DEFB      015D
03580         DEFB      004H
03590 LIBX     DEFM      'BACKCONVCMDDFFORMHITAJL  KI  KSM  '
03600         DEFM      'LCOMLOG  MINIPATCPR  REPARS23'
03610 ;
03620 ; LBASIC - 32 items - 8 bytes in length.
03630 ;
03640         DEFB      032D
03650         DEFB      008H
03660 LIBL     DEFM      'CLOSE      CMD      CVD      CVI      CVS      '
03670         DEFM      'DEFFN      DEFUSR  EOF      FIELD    GET      '
03680         DEFM      'INPUT#    INSTR   KILL     LBASIC   LINEINP '
03690         DEFM      'LINEINP#LOAD  LOC      LOF      LSET     '
03700         DEFM      'MERGE      MID$    MKD$     MKI$     MKS$     '
03710         DEFM      'OPEN      PRINT#  PUT      RESTORE  RSET     '
03720         DEFM      'SAVE      USR      '
03730 ;
03740 ; PDS Utility - 8 items - 5 bytes in length.
03750 ;
03760         DEFB      008H
03770         DEFB      005H
03780 LIBP     DEFM      'PDAPPPDBUIPDCOPPDDIRPDKILPDLISPDPURPDRES'
03790 ;
03800 ; "Specials" - LBASIC commands that can be confused with
03810 ;             LDOS commands - RUN and SET.
03820 ;
03830 ; Specials - 2 items - 8 bytes in length.
03840 ;
03850         DEFB      002H
03860         DEFB      008H
03870 LIBO     DEFM      'LBRUN      LBSETEOF'
03880 ;
03890 ; Tha... Tha... That's all Folks.....!!!!!!
03900 ;
03910         END      START

```

SYDNEY TRS-80 USERS GROUP

Balance Sheet
30 June, 1983

| | <u>1983</u> | <u>1982</u> |
|--------------------------------|---------------|---------------|
| Accumulated Funds 1/7/82 | 1,080.92 | 846.29 |
| Add. Surplus for the year | <u>444.99</u> | <u>234.63</u> |
| Accumulated Funds 30/6/83 | \$ 1,525.91 | \$ 1,080.92 |
| <u>Represented by</u> | | |
| <u>Current Assets</u> | | |
| Commonwealth Savings Bank | 1,866.18 | 653.06 |
| Bank of New South Wales | - | 257.86 |
| Cash on Hand | <u>-</u> | <u>165.00</u> |
| | 1,866.18 | 1,080.92 |
| <u>Less: Current Liability</u> | | |
| Swire Creditors | <u>340.27</u> | <u>-</u> |
| | \$ 1,525.91 | \$ 1,080.92 |

Revenue Statement
Year to 30 June 1983

| | | |
|----------------------|--------------|--------------|
| <u>Income</u> | | |
| Membership Fees | 780.00 | 420.00 |
| CSB - Interest | <u>21.45</u> | <u>19.65</u> |
| | 801.45 | 439.65 |
| <u>Less Expenses</u> | | |
| Printing, Postages, | 340.27 | 205.02 |
| Bank Charges | <u>16.19</u> | <u>-</u> |
| Surplus for the year | \$ 444.99 | \$ 234.63 |

Kieran Ward
PRESIDENT

D. Dawson
Treasurer

The Sydney TRS - 80 Users Group

Report to members:

No books of account have been kept.

I am unable to establish whether all deposits have been accounted for. Funds banked during the year exceeded expected receipts per the receipt books. Bank deposits were not made promptly in terms of Clause 12 of the Constitution.

I have been unable to satisfy myself as to the expenditure due to the lack of vouchers.

In view of the foregoing, I am unable to express an opinion on the correctness of the accounts set out above.

D. Dawson

D.D.DAWSON
16th August 1983