```
LISP
DSK LISP
                        08:50:47
                                        FEB 02,1969
                        IIIIIIIII
LLL
                        IIIIIIIII
                                                              LLL
                        IIIIIIIII
                                             SSSSSSSSS
                                                               LLL
                            III
                                             SSSSSSSSS
                                                              LLL
                                            SSSSSSSSS
                            111
LLL
                                                              PPP
                            III
                                                  555
LLL
                                          SSS
                            III
                                                     888
LLL
                                                              PPP
                                                   . 555
                                          588
                            III
LLL
                                                              PPP
                                          SSS
                            III
                                                              PPP
LLL
                                          SSS
                            111
                                                              PPP
LLL
                                          SSS
                           III
                                                              РРРРРРРРРР
LLL
                                            888888888
                           III
                                                              РРРРРРРРРРР
LLL
                                            SSSSSSSSS
                           III
                                                              РРРРРРРРРР
LLL
                                            SSSSSSSSS
                           III
                                                              PPP
LLL
                           III
                                                     SSS
                                                              PPP
LLL
                           III
                                                     SSS
LLL
                                                              PPP
                                                      SSS
                           III
                                          888
                                                              PPP
LLL
                           III
                                          SSS
                                                     SSS
                                                              PPP
LLL
LLLLLLLLLLLLLL
                                                     SSS
                        IIIIIIIII
                                          SSS
                                                              PPP
                                            888888888
LLLLLLLLLLLLLL
                        IIIIIIIII
                                                     SSS
                                                              PPP
                                             SSSSSSSSS
LLLLLLLLLLLLLL
                        IIIIIIIII
                                                              PPP
                                             SSSSSSSSS
                                                              PPP
                        08:50:50
               LISP
DSK LISP
                                        FEB 02.1969
                    777777777777777
  999999999
                    7777777777777777
  99999999
                    77777777777777
  999999999
           999
                                 777
999
                                 717
           999
999
                                 777
           999
999
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           999
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  99999999999
                          777
                          777
  99999999999
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  99999999999
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999
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999
                    777
```

777

777

999999999

PPP

PPP

PPP

PPP

0

```
0012004
                                                                                               ICONDITIONAL ASSEMBLY FLAGS

TS==1 #ITHE-SHARING OPTIONS

RL==0 #I MEANS RELOCATABLE

PL==1 #PLOTTER ROUTINES

YU==1 #VISUAL DISPLAY ROUTINES

PKPKF==1 #PLOPAC ROUTINES

MPXSF==1 #VIDISSECTOR, A/D, D/A, AND 760 ROUTINES

LAPFL==1 #ROUTINES FOR LAP
                               GOA 013 TITLE LISP INTERPRETER
  006
  007
    000
  012
                                                                                                                                                           JACCUMULATUR USAGE

JATOM HEAD FOR NIL

JARG 1: VALUE; MARKED FROM

JARG 2: MARKED FROM

JARG 3: MARKED FROM

JARG 4: MARKED FROM

JARG 5: MARKED FROM

JARG
                                                                                                      NIL-D
                                                                                                      A*=1
B*=2
C*=3
AR1=4
     015
         018
                                                                                                      AR2A=5
T*=6
TT=7
FP=10
        019
      050
        022
                                                                                                                                                                 :NOT MARKED, USED BY PRINT, GC, ETC.
                                                                                                      R=11 INOT MARKED, USED E
D=12 JOITTO
J13 JUNUSED BY LISP
P=14 JPDL AC; NUT MARKED
FF=16 JFREE-STORAGE AC
FF=16 JFULL WORDS AC
SP=17 SPECIAL PDL AC
NACS=5
OBTS1Z==777 JOBLIST LENG
        023
024
025
           025
        027
028
029
030
                                                                                                                                                                                                          JOHLIST LENGTH
            031
           032
033
034
                                         001 004 IFE TS, RL==1
001 005 IFN RL, RELOCATABLE
             035
             036
                                                DEFINE INFORM A, B
               039
                                                                                                              /1
TERMIN
               040
041
042
043
                                            001 004 IFN TS.IPRINTX *MODIFIED FOR T.S.

**)

001 031 IRPS S.R. PL VD PKPKF MPXRF OBTSIZ

001 037 INFORM S.NS

TERMIN
                044
                045
```

```
BSUp=140000
       001 004 IFE TS.1
PLT=654
VID=754
MPXY=764
005
006
                         MPXP=764
MPXP=744
CRK=710
KRC=714
PCHCHN"=3
APRCHN"=4
007
008
009
010
011
012
013
014
015
                          LPTCHN=5
TTYCHN=6
PLTCHN=6
        DISCHN==7
FLGCHN==6
PRS==PI
002 001 MACSA=BSUP+37762
016
 017
018 002 001 MACSA=BSUP+37762
019 002 001 MACCR=BSUP+37777
 050
 021
022
023
024
025
                          CALLF=76000,,
JCALLF=77000,,
CALL=74000,,
JCALL=75000,,
                                                           JUNDINARY LISP ERROR
INU STRG LEFT OR POL OVFL
JI/O ERROR _ MUST RESET I/O SWITCHES.
JSTRING TYPEOUT
 026
027
028
029
030
                          LERR=1000.
                          LER2=2000.,
LER3=3000.,
STRT=4000.,
                                                              INO OF ERROR-TYPE UUO'S
  031
                          UUUMAX==4
  032
  033
034
035
036
037
         OU1 004 IFN TS:[ SMAGIC NUMBER FOR ITS INTERRUPT ENABLE SYTSWD==5 3NO. OF ASCII BYTES PER WORD ENABLE SYTSWD==5
           ZZ==1

001 014 1RP A. ITY1C. TY0C, UTIC. UTOC. LPTG, VIUC. PLTC

002 047

002 049

A==ZZ

002 039

TERMIN
  038
039
040
041
042
043
                              TERMIN
            002 047 BVDC *= BVDC
```

PAGE 2

0 6

.

.

```
001 004 ALLOC*: IFE TS, COND 200000
152 024 IFN TS: 1.0PEN TYOC.ATYO
.VALUE
.VALUE
.VALUE
.VALUE
  006
 007
008
009
010
               182 046
152 004
152 004
152 004
153 001
001 017
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 018
001 016
153 012
152 004
ALLOCA: PUSHJ P,ALLTYO
ASGII /
 012
013
014
015
016
017
018
019
020
               153 002 ALLOC? / PUSHJ P, ALLTY! 152 012 PUSHJ P, ALLTY! 152 004 PUSHJ P, ALLTY! 152 004 PUSHJ P, ALLTY! ASC!! /
            021

001 015

001 014

508 A,ALL

153 087

160 003 J

001 014 IFE TS,

015 003 PUSH P,ALLTYO

015 003 ASCII P,ALLNUM
 046
049
050
                                       FULL *DSF/
PUSHJ P,ALLNUM
SKIPSE A
MOVEI A,400
HRRM A,4LCO2
PUSHJ P,ALLTYO
ASCII /
                152 034
001 014
001 014
 051
 052
053
                 153 108
  054
                 152 004
                                      BIN.PROG.SP=/
PUSHJ P.ALLNUM
SKIPGE A
HOVEI A,1000
HRRM A,ALLC10
  056
               152 034
001 014
001 014
153 094
 057
  058
  059
 060
```

```
PUSHJ P, ALLTYO
 061
                                152 004
062
063
064
065
                                                                                                      ASCII /
PUSHJ PALLNUM
SKIPGE A
MOVEI A-1000
MOVEN A-ALLC20
MOVNS A
HRRM A-ALLC21
HRRM A-ALLC21
PUSHJ P-ALLTYO
ASCII /
BEC. 2015/ 9-ALLNUM
                              152 034
001 014
001 014
153 102
001 014
153 103
152 004
 056
 069
070
071
072
073
074
                                                                                                     REG. PDL=/AJPALLNUM
SKIPGE AJOOO
MOVEI AJALLC30
HRRM AJALLC30
                                      152 034
001 014
001 014
153 111
 076
                                       003 024 ALLCOO: IFE TS.[
001 014 HRRM A.100
                                                                                                                                                                                                                                                                                            MOVEL A.LISPGO
 078
079
080
081
082
083
                                       1 MOVSI A. (JFCL)
001 014 IFN TS. (MOVEM A.LISPGO
                                                                                                                                                                     PUSHJ P.ALLTYO
                                                                                                      1
                                    ASCII /

002 001 ALLCO1: IFE TS.MUVEI A.37170+BSUP

001 014 IFN TS.MUVEI A.37777

001 004 IFN TS. ALCOR: .CORE 20

153 002
032 049 | HRM A-RPSH MOVEM A-VSPE1 |
032 049 | HRM A-RPSH MOVEM A-VSPE1 |
031 014 | SUBI A-1000 |
032 050 | HRM A-RPSL |
032 050 | HRM A-RPSL |
031 014 | ADDI 8-2 |
031 015 | HRM A-RPSL |
032 050 | HRM A-RPSL |
031 014 | ADDI 8-2 |
032 050 | HRM A-RPSL |
033 | HRM M-ACCRE |
040 014 | ALLC20: SUBI A-1000 |
050 057 | SUBI A-1000 |
050 057 | SUBI A-FS |
061 014 | ASP A-A-4 |
061 015 | ASP A-A-4 |
061 016 | ASP A-A-4 |
061 017 | ASP A-A-4 |
061 018 | ASP A-A-4 |
                                                                                                                                                                                                                                                                                               SADDR MAY BE CHANGED BY ALLOC
 096
097
098
099
100
  102
    103
    106
                                       001 014 ALLCO2: ADDI A.AUC

001 014 ALLCO2: ADDI A.AUC

001 015 ASH C.-6

001 016 ALLCO3: ADDI C.1000
  107
```

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