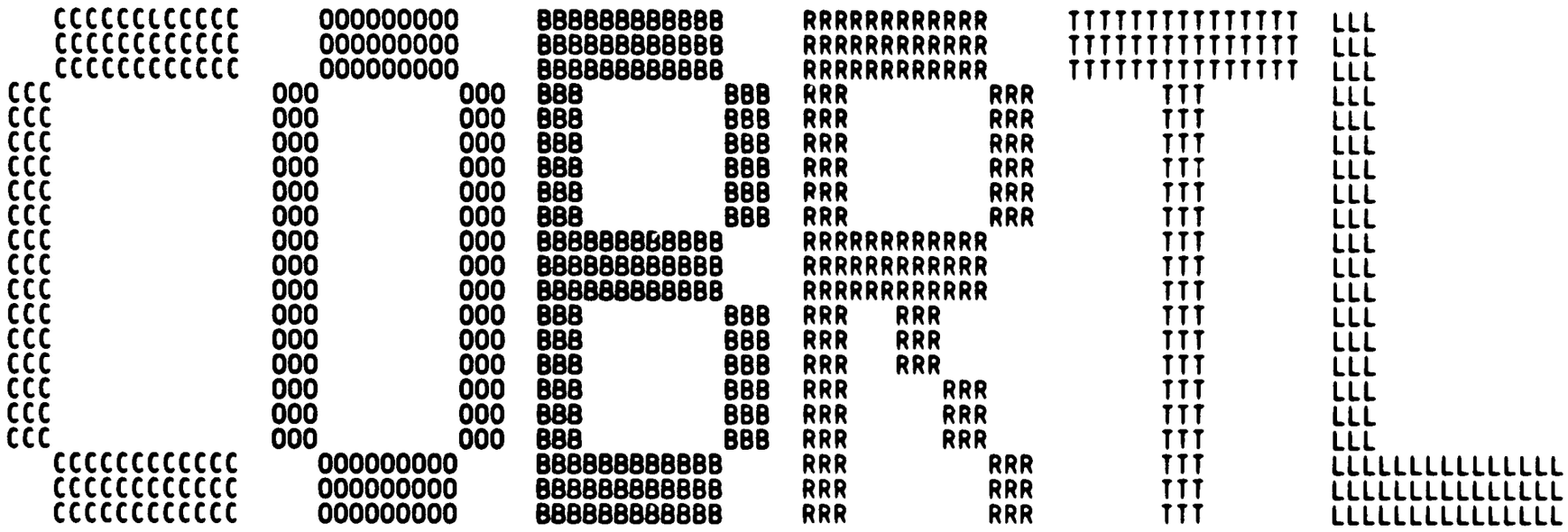
CCCCCCCCCCC 000000000 BBBBBBBBBBBB RRRRRRRRRRR TTTTTTTTTTTTTTT LLL
CCCCCCCCCCC 000000000 BBBBBBBBBBBB RRRRRRRRRRR TTTTTTTTTTTTTTT LLL
CCCCCCCCCCC 000000000 BBBBBBBBBBBB RRRRRRRRRRR TTTTTTTTTTTTTTT LLL
CCC 000 000 BBB BBB RRR RRR TTT LLL
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CCC 000 000 BBB BBB RRR RRR TTT LLL
CCCCCCCCCCC 000000000 BBBBBBBBBBBB RRR RRR TTT LLLLLLLLLLLLLLL
CCCCCCCCCCC 000000000 BBBBBBBBBBBB RRR RRR TTT LLLLLLLLLLLLLLL
CCCCCCCCCCC 000000000 BBBBBBBBBBBB RRR RRR TTT LLLLLLLLLLLLLLL

```
  CCCCCCCC    OOOOOO    BBBBBBBB      CCCCCCCC    AAAAAA    LL          LL
  CCCCCCCC    OOOOOO    BBBBBBBB      CCCCCCCC    AAAAAA    LL          LL
CC            OO  OO    BB     BB   CC           AA  AA    LL          LL
CC            OO  OO    BB     BB   CC           AA  AA    LL          LL
CC            OO  OO    BB     BB   CC           AA  AA    LL          LL
CC            OO  OO    BB     BB   CC           AA  AA    LL          LL
CC            OO  OO    BBBBBBBB    CC           AA  AA    LL          LL
CC            OO  OO    BBBBBBBB    CC           AA  AA    LL          LL
CC            OO  OO    BB     BB   CC           AAAAAAAAAA    LL          LL
CC            OO  OO    BB     BB   CC           AAAAAAAAAA    LL          LL
CC            OO  OO    BB     BB   CC           AA  AA    LL          LL          ....
  CCCCCCCC    OOOOOO    BBBBBBBB      CCCCCCCC    AA  AA    LLLLLLLLLL  LLLLLLLLLL  ....
  CCCCCCCC    OOOOOO    BBBBBBBB      CCCCCCCC    AA  AA    LLLLLLLLLL  LLLLLLLLLL  ....
```

```
LL            IIIIII      SSSSSSSS
LL            IIIIII      SSSSSSSS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II        SSSSSS
LL              II        SSSSSS
LL              II              SS
LL              II              SS
LL              II              SS
LL              II              SS
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

```
;     1          0001  0 MODULE COB$CALL (
;     2          0002  0                   IDENT = '1-010'         ! file: COBCALL.B32 EDIT:LB1010
;     3          0003  0                   ) =
;     4          0004  1 BEGIN
;     5          0005  1
;     6          0006  1 !
;     7          0007  1 !*****************************************************************************
;     8          0008  1 !*                                                                           *
;     9          0009  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                  *
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;    19          0019  1 !*                                                                           *
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;    21          0021  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT     *
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;    23          0023  1 !*                                                                           *
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;    25          0025  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                   *
;    26          0026  1 !*                                                                           *
;    27          0027  1 !*                                                                           *
;    28          0028  1 !*****************************************************************************
;    29          0029  1 !
;    30          0030  1 !++
;    31          0031  1 ! FACILITY:      COBOL SUPPORT
;    32          0032  1 !
;    33          0033  1 ! ABSTRACT:      This procedure fetches the address of the routine entry
;    34          0034  1 !                point that is associated with the name that is passed
;    35          0035  1 !                to it via the "DESC" parameter.  If the corresponding
;    36          0036  1 !                address of the routine is not found, then this procedure
;    37          0037  1 !                returns a value of zero to the calling program.
;    38          0038  1 !
;    39          0039  1 ! ENVIRONMENT:   Vax-11 User Mode
;    40          0040  1 !                NOTE:  This module cannot be in a shareable library
;    41          0041  1 !
;    42          0042  1 ! AUTHOR: MLJ , CREATION DATE: 10-APR-1979
;    43          0043  1 !
;    44          0044  1 ! MODIFIED BY:
;    45          0045  1 !
;    46          0046  1 ! 1-001 - Original. MLJ  10-APR-1979
;    47          0047  1 ! 1-002 - Added boilerplate and comments. RKR 18-JULY-1979
;    48          0048  1 ! 1-003 - Declare psects via library macro. RKR 23-AUG-1979
;    49          0049  1 ! 1-004 - Fetch COBDEF from RTLIN rather than LIB$. RKR 18-SEPT-79
;    50          0050  1 ! 1-005 - Signal error COB$_ROUNOTLIN if COB$$FIND_NAME fails.
;    51          0051  1 !         RKR 2-OCT-79
;    52          0052  1 ! 1-006 - Undo rev. 5, not desired action.  RKR 04-OCT-79
;    53          0053  1 ! 1-007 - Cosmetic changes.  RKR 18-OCT-79
;    54          0054  1 ! 1-008 - Signal if name not found. 21-OCT-79
;    55          0055  1 ! 1-009 - Remove all signalling actions, -- let compiled-code caller
;    56          0056  1 !         do the signalling.   RKR 29-OCT-79
;    57          0057  1 ! 1-010 - Added functional description, abstract, comments and cosmetic
```

```
;   58          0058  1 !          changes.  LB 02-MAR-81
;   59          0059  1 !
;   60          0060  1 !--
```

```
;    62          0061  1 !+
;    63          0062  1 ! SWITCHES
;    64          0063  1 !-
;    65          0064  1
;    66          0065  1 SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
;    67          0066  1
;    68          0067  1 !+
;    69          0068  1 ! LINKAGES
;    70          0069  1 !
;    71          0070  1 !       -NONE
;    72          0071  1 !-
;    73          0072  1
;    74          0073  1 !+
;    75          0074  1 ! TABLE OF CONTENTS:
;    76          0075  1 !-
;    77          0076  1 FORWARD ROUTINE
;    78          0077  1
;    79          0078  1         COB$CALL ;
;    80          0079  1
;    81          0080  1 !+
;    82          0081  1 ! INCLUDE FILES
;    83          0082  1 !-
;    84          0083  1
;    85          0084  1 REQUIRE 'RTLIN:RTLPSECT' ;              ! Macros for declaring psects
;    86          0179  1 REQUIRE 'RTLIN:COBDEF';                 ! COBOL specific RTL macros and literals
;    87          0621  1
;    88          0622  1
;    89          0623  1 !+
;    90          0624  1 ! MACROS
;    91          0625  1 !       -NONE
;    92          0626  1 !-
;    93          0627  1
;    94          0628  1 !+
;    95          0629  1 ! EQUATED SYMBOLS
;    96          0630  1 !       -NONE
;    97          0631  1 !-
;    98          0632  1
;    99          0633  1 !+
;   100          0634  1 ! PSECT DECLARATIONS:
;   101          0635  1 !-
;   102          0636  1
;   103          0637  1 DECLARE_PSECTS (COB) ;                  ! Psects for COB$ facility
;   104          0638  1
;   105          0639  1 !+
;   106          0640  1 ! EXTERNAL REFERENCES
;   107          0641  1 !-
;   108          0642  1
;   109          0643  1 EXTERNAL ROUTINE
;   110          0644  1                                         !\Find routine name match in list
;   111          0645  1                                         !/of local and global program names
;   112          0646  1         COB$$FIND_NAME : ADDRESSING_MODE (GENERAL) ;
```

```
;  114          0647  1 GLOBAL ROUTINE COB$CALL(DESC,LLIST)=
;  115          0648  1
;  116          0649  1
;  117          0650  1 !++
;  118          0651  1 ! FUNCTIONAL DESCRIPTION:
;  119          0652  1 !       This routine passes control to routine COB$$FIND_NAME which will
;  120          0653  1 !       search through the list of local program names to find a match to
;  121          0654  1 !       the parameter "DESC".  If no match is found, it searches through
;  122          0655  1 !       the list of global program names (designated by the COB$GZ_NAMES_2
;  123          0656  1 !       structure).  If a match is found, then COB$CALL will return the
;  124          0657  1 !       address of the routine entry point; otherwise, it returns a value
;  125          0658  1 !       of zero.
;  126          0659  1 !
;  127          0660  1 ! CALLING SEQUENCE:
;  128          0661  1 !
;  129          0662  1 !       COB$CALL (desc.rt.ds, llist.rr.r)
;  130          0663  1 !
;  131          0664  1 ! FORMAL PARAMETERS:
;  132          0665  1 !
;  133          0666  1 !       DESC.rt.ds      Address of descriptor for name
;  134          0667  1 !
;  135          0668  1 !       LLIST.rr.r      Pointer to a counted list of accessible local programs
;  136          0669  1 !
;  137          0670  1 ! IMPLICIT INPUTS:
;  138          0671  1 !
;  139          0672  1 !       NONE
;  140          0673  1 !
;  141          0674  1 ! IMPLICIT OUTPUTS:
;  142          0675  1 !
;  143          0676  1 !       NONE
;  144          0677  1 !
;  145          0678  1 ! ROUTINE VALUE:
;  146          0679  1 !
;  147          0680  1 !       Address of desired routine's entry point, else 0 if not found
;  148          0681  1 !
;  149          0682  1 ! COMPLETION CODES:
;  150          0683  1 !
;  151          0684  1 !       NONE
;  152          0685  1 !
;  153          0686  1 ! SIDE EFFECTS:
;  154          0687  1 !
;  155          0688  1 !       NONE
;  156          0689  1 !
;  157          0690  1 !--
;  158          0691  1
;  159          0692  2     BEGIN
;  160          0693  2
;  161          0694  2       LOCAL
;  162          0695  2         P:      REF BLOCK [, BYTE];
;  163          0696  2
;  164          0697  2       BUILTIN
;  165          0698  2         AP,
;  166          0699  2         CALLG;
;  167          0700  2
;  168          0701  2     P = CALLG (.AP,COB$$FIND_NAME);     ! Find a match for program name
;  169          0702  2     IF .P NEQ 0                         ! If NEQ 0, then match found
;  170          0703  2       THEN
```

```
;  171          0704  2          P = .P[COB$A_NAM_ENTRY] ;       !\Fetch addr of routine entry
;  172          0705  2      RETURN .P                          ! point and return it to
;  173          0706  2                                         !/the calling program
;  174          0707  1      END;                               . End of routine COB$CALL


                                                                .TITLE  COB$CALL
                                                                .IDENT  \1-010\

                                                                .EXTRN  COB$$FIND_NAME

                                                                .PSECT  _COB$CODE,NOWRT,  SHR,  PIC,2

                                                 0000 00000     .ENTRY  COB$CALL, Save nothing                          ; 0647
                    00000000G   00          6C   FA 00002       CALLG   (AP), COB$$FIND_NAME                            ; 0701
                                            50   D5 00009       TSTL    P                                               ; 0702
                                            04   13 0000B       BEQL    1$                                              ;
                                50      08  A0   D0 0000D       MOVL    8(P), P                                         ; 0704
                                                 04 00011 1$:   RET                                                     ; 0707

; Routine Size:  18 bytes,    Routine Base:  _COB$CODE + 0000


;  175          0708  1 END                                    ! End of module COB$CALL
;  176          0709  0 ELUDOM
```

```
;                                  PSECT SUMMARY
;
;      Name                      Bytes                         Attributes
;
;  _COB$CODE                       18  NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
```

```
;                                   COMMAND QUALIFIERS
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS$:COBCALL/OBJ=OBJ$:COBCALL MSRC$:COBCALL/UPDATE=(ENH$:COBCALL)

; Size:         18 code + 0 data bytes
; Run Time:         00:02.3
; Elapsed Time:     00:08.9
; Lines/CPU Min:    18823
; Lexemes/CPU-Min: 40911
; Memory Used:  38 pages
; Compilation Complete
```

COBCVTRPQ
LIS

COBCVTDQ
LIS

COBCANCEL
LIS

COBCVTQP
LIS

COBACCTIM
LIS

COBCVTPQ
LIS

COBCVTRFQ
LIS

COBCVTQF
LIS

COBCVTRQP
LIS

COBCALL
LIS

COBCVTFQ
LIS

COBACCEPT
LIS

COBCVTRDQ
LIS

COBCVTQD
LIS