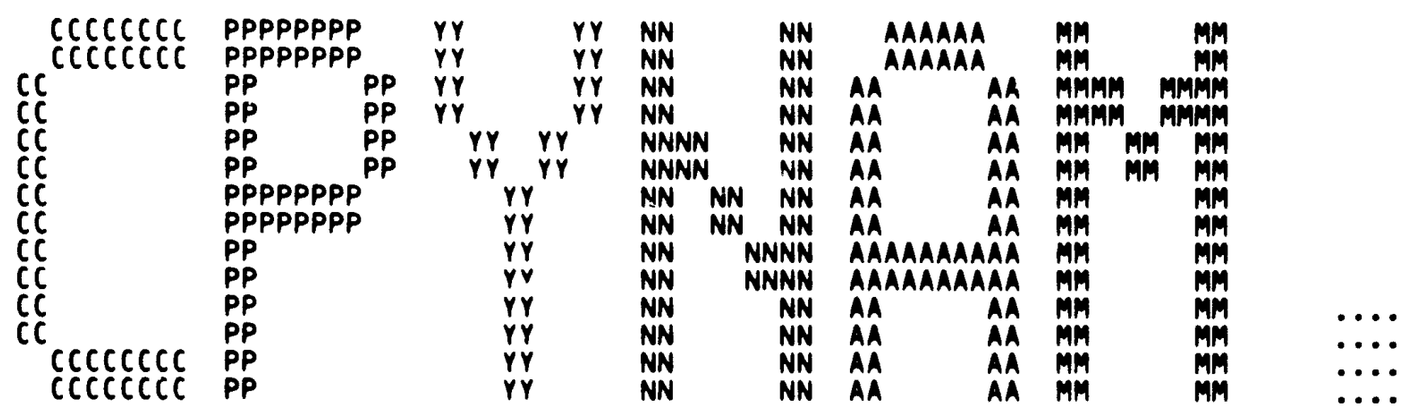
H 5

```
FFFFFFFFFFFFFFF         111               111        XXX         XXX
FFFFFFFFFFFFFFF         111               111        XXX         XXX
FFFFFFFFFFFFFFF         111               111        XXX         XXX
FFF                  111111            111111        XXX         XXX
FFF                  111111            111111        XXX         XXX
FFF                  111111            111111        XXX         XXX
FFF                     111               111           XXX   XXX
FFF                     111               111           XXX   XXX
FFF                     111               111           XXX   XXX
FFFFFFFF.FFF            111               111              XXX
FFFFFFFFFFFF            111               111              XXX
FFFFFFFFFFFF            111               111              XXX
FFF                     111               111           XXX   XXX
FFF                     111               111           XXX   XXX
FFF                     111               111           XXX   XXX
FFF                     111               111        XXX         XXX
FFF                     111               111        XXX         XXX
FFF                     111               111        XXX         XXX
FFF                  111111111         111111111     XXX         XXX
FFF                  111111111         111111111     XXX         XXX
FFF                  111111111         111111111     XXX         XXX
```

```
_$25

Symb
----
IOC$
IO_C
IO_C
IO_D
IO_F
IO_S
KILL

KILL
KILL
LB_E
LB_D
LB_F
LB_H
LB_L
LOCA
LOCA
LOCK

LOCK
LOCK
LOCK
LOC_
LOC_
L_CO
L_CO
L_DA
L_DA
MAIN
MAKE
MAKE
MAKE
MAKE
MAKE
MAKE

MAKE
MAKE
MAP_
MAP_

MAP
MARK
MARK
MARK
MARK
MARK
```


CCCCCCCC PPPPPPPP YY YY NN NN AAAAAA MM MM
CCCCCCCC PPPPPPPP YY YY NN NN AAAAAA MM MM
CC PP PP YY YY NN NN AA AA MMMM MMMM
CC PP PP YY YY NN NN AA AA MMMM MMMM
CC PP PP YY YY NNNN NN AA AA MM MM MM
CC PP PP YY YY NNNN NN AA AA MM MM MM
CC PPPPPPPP YY NN NN NN AA AA MM MM
CC PPPPPPPP YY NN NN NN AA AA MM MM
CC PP YY NN NNNN AAAAAAAAAA MM MM
CC PP YY NN NNNN AAAAAAAAAA MM MM
CC PP YY NN NN AA AA MM MM
CC PP YY NN NN AA AA MM MM
CCCCCCCC PP YY NN NN AA AA MM MM
CCCCCCCC PP YY NN NN AA AA MM MM
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 CPYNAM (
;     2          0002  0                 LANGUAGE (BLISS32),
;     3          0003  0                 IDENT = 'V04-000'
;     4          0004  0                 ) =
;     5          0005  1 BEGIN
;     6          0006  1
;     7          0007  1 !
;     8          0008  1 !**************************************************************************
;     9          0009  1 !*                                                                        *
;    10          0010  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                              *
;    11          0011  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                *
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;    22          0022  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT  *
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;    24          0024  1 !*                                                                        *
;    25          0025  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS  *
;    26          0026  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                *
;    27          0027  1 !*                                                                        *
;    28          0028  1 !*                                                                        *
;    29          0029  1 !**************************************************************************
;    30          0030  1
;    31          0031  1 !++
;    32          0032  1 !
;    33          0033  1 ! FACILITY:  F11ACP Structure Level 1
;    34          0034  1 !
;    35          0035  1 ! ABSTRACT:
;    36          0036  1 !
;    37          0037  1 !       This routine copies the file name string in the buffer descriptor
;    38          0038  1 !       packet into the result name string, if present. This routine must
;    39          0039  1 !       be called in kernel mode.
;    40          0040  1 !
;    41          0041  1 ! ENVIRONMENT:
;    42          0042  1 !
;    43          0043  1 !       STARLET operating system, including privileged system services
;    44          0044  1 !       and internal exec routines.
;    45          0045  1 !
;    46          0046  1 !--
;    47          0047  1 !
;    48          0048  1 !
;    49          0049  1 ! AUTHOR:  Andrew C. Goldstein,  CREATION DATE:  6-Jun-1978  1:45
;    50          0050  1 !
;    51          0051  1 ! MODIFIED BY:
;    52          0052  1 !
;    53          0053  1 !       A0100   ACG00001        Andrew C. Goldstein,  10-Oct-1978  20:02
;    54          0054  1 !       Previous revision history moved to F11A.REV
;    55          0055  1 !**
;    56          0056  1
;    57          0057  1
```

```
;   58          0058  1 LIBRARY 'SYS$LIBRARY:LIB.L32';
;   59          0059  1 REQUIRE 'SRC$:FCPDEF.B32';
```

```
;    61          1050  1 GLOBAL ROUTINE COPY_NAME (ABD) =
;    62          1051  1
;    63          1052  1 !++
;    64          1053  1 !
;    65          1054  1 ! FUNCTIONAL DESCRIPTION:
;    66          1055  1 !
;    67          1056  1 !       This routine copies the file name string in the buffer descriptor
;    68          1057  1 !       packet into the result name string, if present. This routine must
;    69          1058  1 !       be called in kernel mode.
;    70          1059  1 !
;    71          1060  1 !
;    72          1061  1 ! CALLING SEQUENCE:
;    73          1062  1 !       COPY_NAME (ARG1)
;    74          1063  1 !
;    75          1064  1 ! INPUT PARAMETERS:
;    76          1065  1 !       ARG1: address of buffer descriptor packet
;    77          1066  1 !
;    78          1067  1 ! IMPLICIT INPUTS:
;    79          1068  1 !       NONE
;    80          1069  1 !
;    81          1070  1 ! OUTPUT PARAMETERS:
;    82          1071  1 !       NONE
;    83          1072  1 !
;    84          1073  1 ! IMPLICIT OUTPUTS:
;    85          1074  1 !       NONE
;    86          1075  1 !
;    87          1076  1 ! ROUTINE VALUE:
;    88          1077  1 !       1
;    89          1078  1 !
;    90          1079  1 ! SIDE EFFECTS:
;    91          1080  1 !       buffer packet altered
;    92          1081  1 !
;    93          1082  1 !--
;    94          1083  1
;    95          1084  2 BEGIN
;    96          1085  2
;    97          1086  2 MAP
;    98          1087  2         ABD             : REF BBLOCKVECTOR [,ABD$C_LENGTH]; ! buffer packet arg
;    99          1088  2
;   100          1089  2
;   101          1090  2 CH$COPY (.ABD[ABD$C_NAME, ABD$W_COUNT],
;   102          1091  2         ABD[ABD$C_NAME, ABD$W_TEXT] + .ABD[ABD$C_NAME, ABD$W_TEXT] + 1,
;   103          1092  2         0,
;   104          1093  2         .ABD[ABD$C_RES, ABD$W_COUNT],
;   105          1094  2         ABD[ABD$C_RES, ABD$W_TEXT] + .ABD[ABD$C_RES, ABD$W_TEXT] + 1
;   106          1095  2         );
;   107          1096  2
;   108          1097  2 IF .ABD[ABD$C_RESL, ABD$W_COUNT] GEQ 2
;   109          1098  2 THEN
;   110          1099  2     (ABD[ABD$C_RESL, ABD$W_TEXT] + .ABD[ABD$C_RESL, ABD$W_TEXT] + 1)<0,16>
;   111          1100  2     = .ABD[ABD$C_NAME, ABD$W_COUNT];
;   112          1101  2
;   113          1102  2 RETURN 1;
;   114          1103  2
;   115          1104  1 END;                                    ! end of routine COPY_NAME
```

```
                                                        .TITLE  CPYNAM
                                                        .IDENT  \V04-000\

                                                        .PSECT  $CODE$,NOWRT,2

                                     003C 00000         .ENTRY  COPY_NAME, Save R2,R3,R4,R5                        ; 1050
                        50    04  AC   D0 00002         MOVL    ABD, R0                                            ; 1090
                        52    10  A0   3C 00006         MOVZWL  16(R0), R2                                         ; 1091
                        51    20  A0   3C 0000A         MOVZWL  32(R0), R1                                         ; 1094
   22   A0      00   11 A240  12  A0   2C 0000E         MOVC5   18(R0), 17(R2)[R0], #0, 34(R0), 33(R1)[R0]         ;
                              21 A140     00017                                                                    ;
                        50    04  AC   D0 0001A         MOVL    ABD, R0                                            ; 1097
                        02    1A  A0   B1 0001E         CMPW    26(R0), #2                                         ;
                                  0C   1F 00022         BLSSU   1$                                                 ;
                        51    18  A0   3C 00024         MOVZWL  24(R0), R1                                         ; 1099
                              19 A041  9F 00028         PUSHAB  25(R0)[R1]                                         ; 1100
                        9E    12  A0   B0 0002C         MOVW    18(R0), @(SP)+                                     ;
                        50        01   D0 00030 1$:     MOVL    #1, R0                                             ; 1102
                                       04 00033         RET                                                        ; 1104

; Routine Size:  52 bytes,    Routine Base:  $CODE$ + 0000

;  116          1105  1
;  117          1106  1 END
;  118          1107  0 ELUDOM
```

;   PSECT SUMMARY

Name	Bytes	Attributes
$CODE$	52	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

;   Library Statistics

File	-------- Total	ols -------- .ed	Percent	Pages Mapped	Processing Time
_255DUA28:[SYSLIB]LIB.L32;1	18619	23	0	1000	00:01.9

;   COMMAND QUALIFIERS

```
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:CPYNAM/OBJ=OBJ$:CPYNAM MSRC$:CPYNAM/UPDATE=(ENH$:CPYNAM)

; Size:         52 code + 0 data bytes
; Run Time:       00:08.0
; Elapsed Time:   00:19.3
; Lines/CPU Min:   8271
; Lexemes/CPU-Min: 29858
; Memory Used:  101 pages
; Compilation Complete
```

CHKDMO
LIS

CPYNAM
LIS

CLENUP
LIS

CHKPRO
LIS

CHARGEQ
LIS

COMMON
LIS

CREATE
LIS

BADSCN
LIS

CHKHD2
LIS

CHKSUM
LIS

ALLOCB
LIS