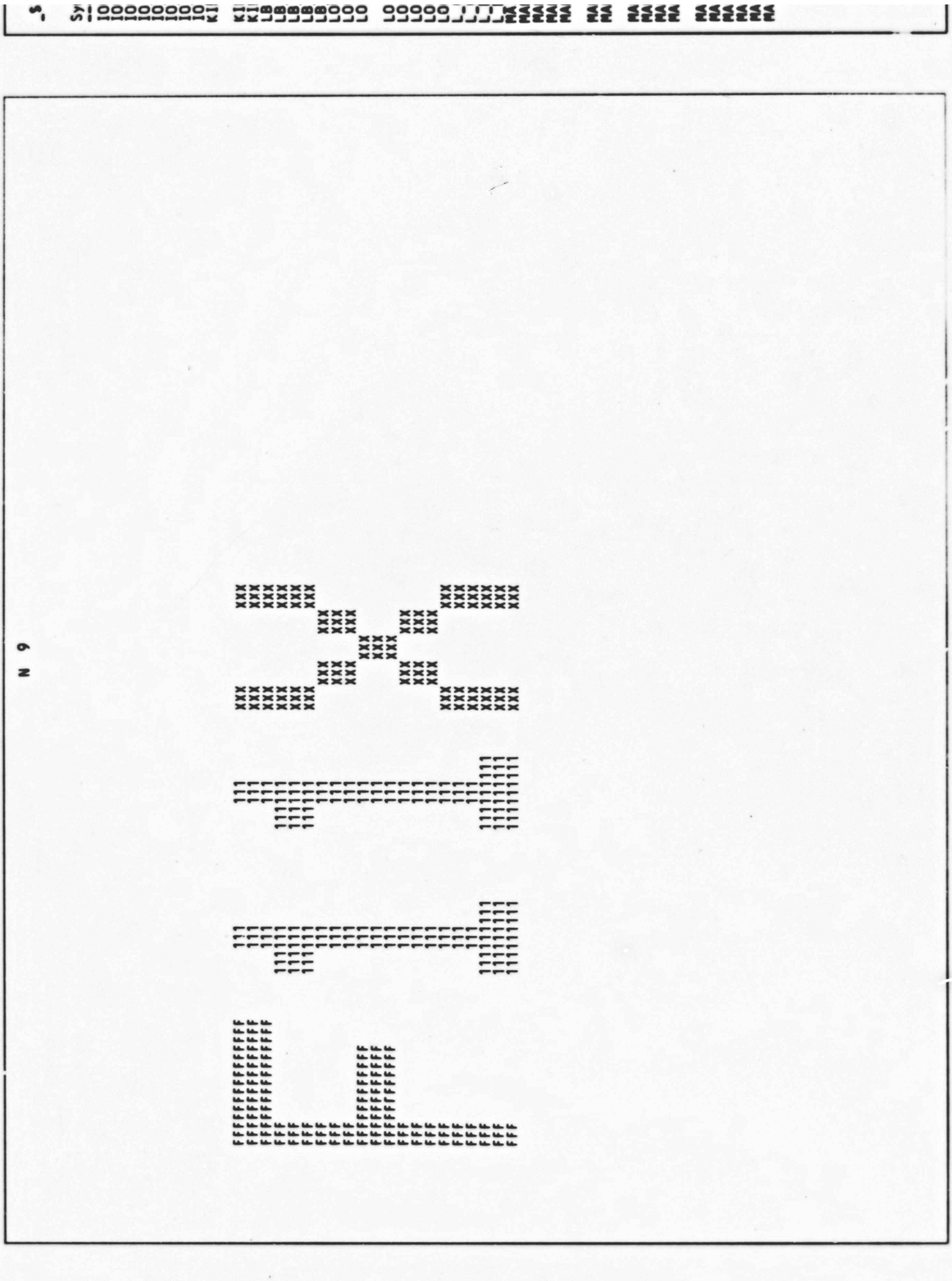
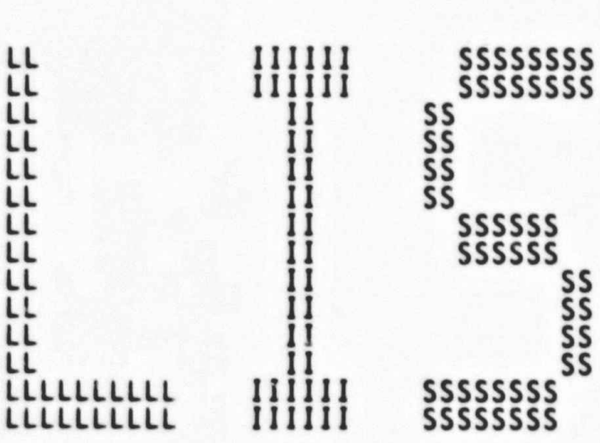



SSSSSSSS NN NN DDDDDDDD EEEEEEEEEE RRRRRRRR LL
SSSSSSSS NN NN DDDDDDDD EEEEEEEEEE RRRRRRRR LL
SS NN NN DD DD EE RR RR LL
SS NN NN DD DD EE RR RR LL
SS NNNN NN DD DD EE RR RR LL
SS NNNN NN DD DD EE RR RR LL
SSSSSS NN NN NN DD DD EEEEEEEE RRRRRRRR LL
SSSSSS NN NN NN DD DD EEEEEEEE RRRRRRRR LL
SS NN NNNN DD DD EE RR RR LL
SS NN NNNN DD DD EE RR RR LL
SS NN NN DD DD EE RR RR LL
SS NN NN DD DD EE RR RR LL
SSSSSSSS NN NN DDDDDDDD EEEEEEEEEE RR RR LLLLLLLLLL
SSSSSSSS NN NN DDDDDDDD EEEEEEEEEE RR RR LLLLLLLLLL


LL IIIIII SSSSSSSS
LL IIIIII SSSSSSSS
LL II SS
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LLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS

```
;     1          0001  0 MODULE SNDERL (
;     2          0002  0                 LANGUAGE (BLISS32),
;001 !EAD0210    0003  0                 IDENT = 'V04-001'
;    4-1         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                                  *
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;    18          0018  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY     *
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;    20          0020  1 !*                                                                           *
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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 sends a message to the error logger to inform it of a
;    38          0038  1 !       volume mount or dismount.
;    39          0039  1 !
;    40          0040  1 ! ENVIRONMENT:
;    41          0041  1 !
;    42          0042  1 !       STARLET operating system, including privileged system services
;    43          0043  1 !       and internal exec routines.
;    44          0044  1 !
;    45          0045  1 !--
;    46          0046  1 !
;    47          0047  1 !
;    48          0048  1 ! AUTHOR:  Andrew C. Goldstein,  CREATION DATE:  23-Jun-1978  18:47
;    49          0049  1 !
;    50          0050  1 ! MODIFIED BY:
;    51          0051  1 !
;001 !EAD0210    0052  1 !       V04-001 EAD0210         Elliott A. Drayton      16-Nov-1984
;002 !EAD0210    0053  1 !               Add code to log sysnode name.
;003 !EAD0210    0054  1 !
;    52          0055  1 !       V03-001 LMP0221         L. Mark Pilant,         27-Mar-1984  14:46
;    53          0056  1 !               Change UCB$L_OWNUIC to ORB$L_OWNER and UCB$W_VPROT to
;    54          0057  1 !               ORB$W_PROT.
```

```
;    55          0058  1 !
;    56          0059  1 !       A0101   ACG0113          Andrew C. Goldstein,    15-Jan-1980  22:58
;    57          0060  1 !               Fill in volume set data in error log message
;    58          0061  1 !
;    59          0062  1 !       A0100   ACG00001         Andrew C. Goldstein,  10-Oct-1978  20:03
;    60          0063  1 !       Previous revision history moved to F11A.REV
;    61          0064  1 !**
;    62          0065  1
;    63          0066  1
;    64          0067  1 LIBRARY 'SYS$LIBRARY:LIB.L32';
;    65          0068  1 REQUIRE 'SRC$:FCPDEF.B32';
;    66          1059  1
;    67          1060  1 !
;    68          1061  1 ! This routine is called at raised IPL and must be locked into the working set.
;    69          1062  1 !
;    70          1063  1
;    71          1064  1 LOCK_CODE;
```

```
;    73          1065  1 GLOBAL ROUTINE SEND_ERRLOG (MODE, UCB) =
;    74          1066  1
;    75          1067  1 !++
;    76          1068  1 !
;    77          1069  1 ! FUNCTIONAL DESCRIPTION:
;    78          1070  1 !
;    79          1071  1 !       This routine sends a message to the error logger to inform it of a
;    80          1072  1 !       volume mount or dismount.
;    81          1073  1 !
;    82          1074  1 !
;    83          1075  1 ! CALLING SEQUENCE:
;    84          1076  1 !       SEND_ERRLOG (ARG1, ARG2)
;    85          1077  1 !
;    86          1078  1 ! INPUT PARAMETERS:
;    87          1079  1 !       ARG1: 1 to signal mount
;    88          1080  1 !             0 to signal dismount
;    89          1081  1 !       ARG3: address of UCB
;    90          1082  1 !
;    91          1083  1 ! IMPLICIT INPUTS:
;    92          1084  1 !       NONE
;    93          1085  1 !
;    94          1086  1 ! OUTPUT PARAMETERS:
;    95          1087  1 !       NONE
;    96          1088  1 !
;    97          1089  1 ! IMPLICIT OUTPUTS:
;    98          1090  1 !       NONE
;    99          1091  1 !
;   100          1092  1 ! ROUTINE VALUE:
;   101          1093  1 !       1
;   102          1094  1 !
;   103          1095  1 ! SIDE EFFECTS:
;   104          1096  1 !       Message sent to error logger
;   105          1097  1 !
;   106          1098  1 !--
;   107          1099  1
;   108          1100  2 BEGIN
;   109          1101  2
;   110          1102  2 MAP
;   111          1103  2         UCB             : REF BBLOCK;   ! UCB argument
;   112          1104  2
;   113          1105  2 LINKAGE
;   114          1106  2         L_ERL_ALLOC     = JSB (REGISTER = 1) :
;   115          1107  2                           GLOBAL (ADDRESS = 2)
;   116          1108  2                           NOTUSED (3, 4, 5, 6, 7, 8, 9, 10, 11),
;   117          1109  2
;   118          1110  2         L_ERL_RELEASE   = JSB (REGISTER = 2) :
;   119          1111  2                           NOTUSED (3, 4, 5, 6, 7, 8, 9, 10, 11);
;   120          1112  2
;   121          1113  2 LOCAL
;   122          1114  2         ORB             : REF BBLOCK,   ! local address of ORB
;001  !EAD0210    1115  2         MSG_BUFFER      : REF BBLOCK,   ! other buffer pointer to dodge MOVC
;002  !EAD0210    1116  2         STRING          : REF VECTOR [,BYTE], ! Used for byte access to a string
;003  !EAD0210    1117  2         STRING_START    : REF VECTOR [,BYTE], ! Address pointer into msg_buffer
;004  !EAD0210    1118  2         LENGTH_OFFSET   : BYTE,         ! Used to add offset to string length
;005  !EAD0210    1119  2         NAME_OFFSET     : LONG,         ! Used to add offset to device name addr
;006  !EAD0210    1120  2         DDB             : REF BBLOCK;   ! Used to access DDB
;  124-1         1121  2
```

```
;  125          1122  2 EXTERNAL ROUTINE
;  126          1123  2         ERL$ALLOCEMB    : L_ERL_ALLOC ADDRESSING_MODE (GENERAL),
;  127          1124  2                                       ! allocate error log buffer
;  128          1125  2         ERL$RELEASEMB   : L_ERL_RELEASE ADDRESSING_MODE (GENERAL);
;  129          1126  2                                       ! release error log buffer
;  130          1127  2
;  131          1128  2
;  132          1129  2 ! Allocate an errror log buffer. If this fails, forget it.
;  133          1130  2 !
;  134          1131  2
;  135          1132  3 BEGIN
;  136          1133  3 GLOBAL REGISTER
;  137          1134  3         ADDRESS         = 2 : REF BBLOCK; ! pointer to error log buffer
;  138          1135  3
;  139          1136  3 IF NOT ERL$ALLOCEMB (EMB$K_VM_LENGTH)
;  140          1137  3 THEN RETURN 1;
;  141          1138  3 MSG_BUFFER = .ADDRESS;
;  142          1139  2 END;
;  143          1140  2
;  144          1141  2 ! Now fill in the message buffer.
;  145          1142  2 !
;  146          1143  2
;  147          1144  2 IF .MODE
;  148          1145  2 THEN MSG_BUFFER[EMB$W_VM_ENTRY] = EMB$K_VM
;  149          1146  2 ELSE MSG_BUFFER[EMB$W_VM_ENTRY] = EMB$K_VD;     ! log entry type
;  150          1147  2
;  151          1148  2 ORB = .UCB[UCB$L_ORB];
;  152          1149  2 MSG_BUFFER[EMB$L_VM_OWNUIC]     = .ORB[ORB$L_OWNER];
;  153          1150  2 MSG_BUFFER[EMB$L_VM_ERRCNT]     = .UCB[UCB$W_ERRCNT];
;  154          1151  2 MSG_BUFFER[EMB$L_VM_OPRCNT]     = .UCB[UCB$L_OPCNT];
;  155          1152  2 MSG_BUFFER[EMB$W_VM_UNIT]       = .UCB[UCB$W_UNIT];
;  156          1153  2
;  157          1154  2 MSG_BUFFER[EMB$W_VM_VOLNUM]     = 0;
;  158          1155  2 MSG_BUFFER[EMB$W_VM_NUMSET]     = 0;
;  159          1156  2
;001  !EAD0210  1157  2 STRING = MSG_BUFFER[EMB$B_VM_NAMLNG];
;002  !EAD0210  1158  2 STRING [0] = 0;
;003  !EAD0210  1159  2 DDB = .UCB[UCB$L_DDB];
;004  !EAD0210  1160  2
;005  !EAD0210  1161  2 IF .DDB[DDB$L_SB] NEQ 0                    ! If there is a system block
;006  !EAD0210  1162  2 THEN                                       !  then if the node name string is NEQ 0
;007  !EAD0210  1163  2     IF .(BBLOCK [.DDB[DDB$L_SB], SB$T_NODENAME])<0,8> NEQ 0
;008  !EAD0210  1164  2     THEN
;009  !EAD0210  1165  3         BEGIN                               ! Copy the string
;010  !EAD0210  1166  3         CH$MOVE (.(BBLOCK [.DDB[DDB$L_SB], SB$T_NODENAME])<0,8> + 1,
;011  !EAD0210  1167  3                  BBLOCK [.DDB[DDB$L_SB], SB$T_NODENAME],
;012  !EAD0210  1168  3                  STRING [0]);
;013  !EAD0210  1169  3         STRING [0] = .STRING [0] + 1;   ! Bump the string count by 1
;014  !EAD0210  1170  3         STRING [ .STRING [0] ] = %C'$'; ! Append a '$'
;015  !EAD0210  1171  2         END;
;016  !EAD0210  1172  2
;017  !EAD0210  1173  2 IF .STRING[0] GTR 0
;018  !EAD0210  1174  2 THEN
;019  !EAD0210  1175  3     BEGIN
;020  !EAD0210  1176  3     STRING_START = STRING[ .STRING[0] + 1 ];
;021  !EAD0210  1177  3     LENGTH_OFFSET = 0;
;022  !EAD0210  1178  3     NAME_OFFSET = 1;
```

```
:023  !EAD0210    1179  3      END
:024  !EAD0210    1180  2  ELSE
:025  !EAD0210    1181  3      BEGIN
:026  !EAD0210    1182  3      STRING_START = MSG_BUFFER[EMB$B_VM_NAMLNG];
:027  !EAD0210    1183  3      LENGTH_OFFSET = 1;
:028  !EAD0210    1184  3      NAME_OFFSET = 0;
:029  !EAD0210    1185  2      END;
:030  !EAD0210    1186  2
:031  !EAD0210    1187  2  CH$MOVE (.(BBLOCK [.UCB[UCB$L_DDB], DDB$T_NAME])<0,8> + .LENGTH_OFFSET,
:032  !EAD0210    1188  2            BBLOCK [.UCB[UCB$L_DDB], DDB$T_NAME] + .NAME_OFFSET,
:033  !EAD0210    1189  2            STRING_START[0]);
:034  !EAD0210    1190  2
:035  !EAD0210    1191  2  STRING [0] = .STRING [0] + .(BBLOCK [.UCB[UCB$L_DDB], DDB$T_NAME])<0,8>;
      163-3       1192  2
      164         1193  2  IF .BBLOCK[UCB[UCB$L_DEVCHAR],DEV$V_FOR]
      165         1194  2  OR NOT .BBLOCK[UCB[UCB$L_DEVCHAR],DEV$V_SQD]
      166         1195  2  THEN
      167         1196  3      BEGIN
      168         1197  3      LOCAL
      169         1198  3          VCB             : REF BBLOCK,   ! address of volume control block
      170         1199  3          RVT             : REF BBLOCK;   ! address of relative volume table
      171         1200  3
      172         1201  3      VCB = .UCB[UCB$L_VCB];
      173         1202  3      IF .VCB[VCB$W_RVN] NEQ 0
      174         1203  3      THEN
      175         1204  4          BEGIN
      176         1205  4          RVT = .VCB[VCB$L_RVT];
      177         1206  4          MSG_BUFFER[EMB$W_VM_VOLNUM] = .VCB[VCB$W_RVN];
      178         1207  4          MSG_BUFFER[EMB$W_VM_NUMSET] = .RVT[RVT$B_NVOLS];
      179         1208  3          END;
      180         1209  3      CH$MOVE (VCB$S_VOLNAME,
      181         1210  3           BBLOCK [.UCB[UCB$L_VCB], VCB$T_VOLNAME],
      182         1211  3           MSG_BUFFER[EMB$T_VM_LABEL]);
      183         1212  3      END
      184         1213  2  ELSE
      185         1214  3      BEGIN
      186         1215  3      LOCAL
      187         1216  3          MVL             : REF BBLOCK,           ! magtape volume labels
      188         1217  3          MVL_ENTRY       : REF BBLOCK,           ! address of label entry
      189         1218  3          RUN,                                    ! relative unit number
      190         1219  3          RVT             : REF BBLOCK,           ! relative volume table
      191         1220  3          UCBLIST         : REF VECTOR,           ! address of UCB list
      192         1221  3          VCB             : REF BBLOCK;           ! volume control block
      193         1222  3      VCB = .UCB[UCB$L_VCB];
      194         1223  3      RVT = .VCB[VCB$L_RVT];
      195         1224  3      UCBLIST = RVT[RVT$L_UCBLST];
      196         1225  3      MVL = .VCB[VCB$L_MV[];
      197         1226  3      MSG_BUFFER[EMB$W_VM_NUMSET] = .MVL[MVL$B_NVOLS];    ! no of volumes in vol set known
      198         1227  3      CH$FILL(' ',VCB$S_VOLNAME,MSG_BUFFER[EMB$T_VM_LABEL]);
      199         1228  3      INCR I FROM 0 TO .RVT[RVT$B_NVOLS] - 1 DO
      200         1229  4          BEGIN
      201         1230  4          RUN = .I;
      202         1231  4          IF .UCBLIST[.I] EQL .UCB THEN EXITLOOP;
      203         1232  3          END;
      204         1233  3      MVL_ENTRY = .MVL + MVL$K_FIXLEN;
      205         1234  3      INCR I FROM 0 TO .MVL[MV[$B_NVOLS] -1 DO
      206         1235  4          BEGIN
```

```
;  207          1236  4          IF .MVL_ENTRY[MVL$B_RVN] EQL .RUN
;  208          1237  4          AND .MVL_ENTRY[MVL$V_MOUNTED]
;  209          1238  4          THEN
;  210          1239  5              BEGIN
;  211          1240  5              MSG_BUFFER[EMB$W_VM_VOLNUM] = .I + 1;
;  212          1241  5              CH$COPY(MVL$S_VOLLBL,.MVL_ENTRY[MVL$T_VOLLBL],' ',
;  213          1242  5                  VCB$S_VOLNAME,MSG_BUFFER[EMB$T_VM_LABEL]);
;  214          1243  5              EXITLOOP;
;  215          1244  4              END;
;  216          1245  4          MVL_ENTRY = .MVL_ENTRY + MVL$K_LENGTH;
;  217          1246  3          END;
;  218          1247  2      END;
;  219          1248  2
;  220          1249  2  ! Finally release the buffer and make the entry.
;  221          1250  2  !
;  222          1251  2
;  223          1252  2  ERL$RELEASEMB (.MSG_BUFFER);
;  224          1253  2
;  225          1254  2  RETURN 1;
;  226          1255  2
;  227          1256  1  END;                                   ! end of routine SEND_ERRLOG

                                                        .TITLE  SNDERL
                                                        .IDENT  \V04-001\

                                                        .EXTRN  ERL$ALLOCEMB, ERL$RELEASEMB

                                                        .PSECT  $LOCKEDC1$,NOWRT,2

                                 07FC 00000             .ENTRY  SEND_ERRLOG, Save R2,R3,R4,R5,R6,R7,R8,R9,-      ; 1065
                                                                R10
                           51     3E  D0 00002         MOVL    #62, R1                                          ; 1136
                    00000000G     00  16 00005         JSB     ERL$ALLOCEMB
                           03     50  E8 0000B         BLBS    R0, 1$
                                0151  31 0000E         BRW     17$
                           59     52  D0 00011 1$:     MOVL    ADDRESS, MSG_BUFFER                              ; 1138
                           07     04  AC E9 00014       BLBC    MODE, 2$                                         ; 1144
                04         A9     40  8F 9B 00018     MOVZBW  #64, 4(MSG_BUFFER)                               ; 1145
                                      05  11 0001D     BRB     3$
                04         A9     41  8F 9B 0001F 2$: MOVZBW  #65, 4(MSG_BUFFER)                               ; 1146
                50         08     AC  D0 00024 3$:    MOVL    UCB, R0                                          ; 1148
                50         1C     A0  D0 00028        MOVL    28(R0), ORB
                10         A9         60  D0 0002C    MOVL    (ORB), 16(MSG_BUFFER)                            ; 1149
                50         08     AC  D0 00030        MOVL    UCB, R0                                          ; 1150
                14         A9   0082  C0 3C 00034     MOVZWL  130(R0), 20(MSG_BUFFER)
                50         08     AC  D0 0003A        MOVL    UCB, R0                                          ; 1151
                18         A9     70  A0 D0 0003E     MOVL    112(R0), 24(MSG_BUFFER)
                50         08     AC  D0 00043        MOVL    UCB, R0                                          ; 1152
                1C         A9     54  A0 B0 00047     MOVW    84(R0), 28(MSG_BUFFER)
                               2E     A9  D4 0004C    CLRL    46(MSG_BUFFER)                                   ; 1154
                           56  1E     A9  9E 0004F    MOVAB   30(R9), STRING                                   ; 1157
                                      66  94 00053    CLRB    (STRING)                                         ; 1158
                           50  08     AC  D0 00055    MOVL    UCB, R0                                          ; 1159
                           50  28     A0  D0 00059    MOVL    40(R0), DDB
                           50  34     A0  D0 0005D    MOVL    52(DDB), R0                                      ; 1161
                                      19  13 00061    BEQL    4$
```

```
                                44   A0  95 00063          TSTB    68(R0)                                  ; 1163
                                14   13  00066          BEQL    4$
                           51   44   A0  9A 00068          MOVZBL  68(R0), R1                              ; 1166
                                51   D6  0006C          INCL    R1
                66         44   A0      51 28 0006E      MOVC3   R1, 68(R0), (STRING)                    ; 1168
                                66   96  00073          INCB    (STRING)                                ; 1169
                           50       66  9A 00075        MOVZBL  (STRING), R0                            ; 1170
                         6046       24  90 00078        MOVB    #36, (R0)[STRING]
                                66   95  0007C 4$:      TSTB    (STRING)                                ; 1173
                                11   13  0007E          BEQL    5$
                           50       66  9A 00080        MOVZBL  (STRING), R0                            ; 1176
                           50       56  C0 00083        ADDL2   STRING, R0
                           52   01  A0  9E 00086        MOVAB   1(R0), STRING_START
                                53   94  0008A          CLRB    LENGTH_OFFSET                           ; 1177
                           51       01  D0 0008C        MOVL    #1, NAME_OFFSET                         ; 1178
                                09   11  0008F          BRB     6$                                      ; 1173
                           52   1E  A9  9E 00091 5$:     MOVAB   30(R9), STRING_START                    ; 1182
                           53       01  90 00095        MOVB    #1, LENGTH_OFFSET                       ; 1183
                                51   D4  00098          CLRL    NAME_OFFSET                             ; 1184
                           50   08  AC  D0 0009A 6$:     MOVL    UCB, R0                                 ; 1187
                           50       28  C0 0009E        ADDL2   #40, R0
                           50       60  D0 000A1        MOVL    (R0), R0
                           54   14  A0  9A 000A4        MOVZBL  20(R0), R4
                           53       53  9A 000A8        MOVZBL  LENGTH_OFFSET, R3
                           53       54  C0 000AB        ADDL2   R4, R3
                62       14 A140      53 28 000AE      MOVC3   R3, 20(NAME_OFFSET)[R0], (STRING_START)  ; 1189
                           50   08  AC  D0 000B4        MOVL    UCB, R0                                 ; 1191
                           50   28  A0  D0 000B8        MOVL    40(R0), R0
                           66   14  A0  80 000BC        ADDB2   20(R0), (STRING)
                           51   08  AC  D0 000C0        MOVL    UCB, R1                                 ; 1201
                           50   08  AC  D0 000C4        MOVL    UCB, R0                                 ; 1193
                           05   3B  A0  E8 000C8        BLBS    59(R0), 7$
                      27       38  A0      05 E0 000CC  BBS     #5, 56(R0), 9$                          ; 1194
                           50       34  A1  D0 000D1 7$:     MOVL    52(R1), VCB                         ; 1201
                                    0E  A0  B5 000D5        TSTW    14(VCB)                             ; 1202
                                    0E  13  000D8          BEQL    8$
                           51       20  A0  D0 000DA        MOVL    32(VCB), RVT                        ; 1205
                                2E  A9  0E  A0  B0 000DE    MOVW    14(VCB), 46(MSG_BUFFER)             ; 1206
                                30  A9  0B  A1  9B 000E3    MOVZBW  11(RVT), 48(MSG_BUFFER)             ; 1207
                           50       08  AC  D0 000E8 8$:     MOVL    UCB, R0                             ; 1210
                           50       34  A0  D0 000EC        MOVL    52(R0), R0
                32 A9          14   A0      0C 28 000F0    MOVC3   #12, 20(R0), 50(MSG_BUFFER)         ; 1211
                                61   11  000F6          BRB     16$                                     ; 1193
                           50       34  A1  D0 000F8 9$:     MOVL    52(R1), VCB                         ; 1222
                           56       20  A0  D0 000FC        MOVL    32(VCB), RVT                        ; 1223
                           58       44  A6  9E 00100        MOVAB   68(R6), UCBLIST                     ; 1224
                           57       34  A0  D0 00104        MOVL    52(VCB), MVL                        ; 1225
                                30  A9  0B  A7  9B 00108    MOVZBW  11(MVL), 48(MSG_BUFFER)             ; 1226
          0C       20              6E      00 2C 0010D    MOVC5   #0, (SP), #32, #12, 50(MSG_BUFFER)      ; 1227
                                32  A9          00112
                           51       0B  A6  9A 00114        MOVZBL  11(RVT), R1                         ; 1228
                           50           01  CE 00118        MNEGL   #1, I                               ; 1231
                                        0A  11 0011B        BRB     11$
                           5A           50  D0 0011D 10$:     MOVL    I, RUN                          ; 1230
                                08      AC      6840 D1 00120  CMPL    (UCBLIST)[I], UCB               ; 1231
                                            04  13 00125    BEQL    12$
                      F2           50           51 F2 00127 11$:     AOBLSS  R1, I, 10$                  ; 1228
```

```
                                58      24   A7  9E 0012B 12$:    MOVAB   36(R7), MVL_ENTRY                                    ; 1233
                                57      0B   A7  9A 0012F        MOVZBL  11(MVL), R7                                          ; 1234
                                56           01  CE 00133        MNEGL   #1, I                                                ;
                                             1D  11 00136        BRB     15$                                                  ;
          5A        06    A8                 08  ED 00138 13$:   CMPZV   #0, #8, 6(MVL_ENTRY), RUN                           ; 1236
                                             12  12 0013E        BNEQ    14$                                                  ;
                                0E      07   A8  E9 00140        BLBC    7(MVL_ENTRY), 14$                                    ; 1237
                    2E    A9          56       01  A1 00144        ADDW3   #1, I, 46(MSG_BUFFER)                                ; 1240
          0C              20          68       06  2C 00149        MOVC5   #6, (MVL_ENTRY), #32, #12, 50(MSG_BUFFER)            ; 1242
                                          32   A9  0014E                                                                       ;
                                             07  11 00150        BRB     16$                                                  ; 1239
                                58           08  C0 00152 14$:   ADDL2   #8, MVL_ENTRY                                       ; 1245
                          DF    56           57  F2 00155 15$:   AOBLSS  R7, I, T3$                                         ; 1234
                                52           59  D0 00159 16$:   MOVL    MSG_BUFFER, R2                                       ; 1252
                                   00000000G 00  16 0015C        JSB     ERL$RELEASEMB                                        ;
                                50           01  D0 00162 17$:   MOVL    #1, R0                                               ; 1254
                                                 04 00165        RET                                                          ; 1256

; Routine Size:  358 bytes,    Routine Base:  $LOCKEDC1$ + 0000

;  228          1257  1
;  229          1258  1 END
;  230          1259  0 ELUDOM


;                                   PSECT SUMMARY
;
;       Name                    Bytes                           Attributes
;  $LOCKEDC1$                     358  NOVEC,NOWRT,  RD ,  EXE,NOSHR,  LCL,  REL,  CON,NOPIC,ALIGN(2)


;                                 Library Statistics
;
;                                          -------- Symbols --------      Pages       Processing
;       File                               Total    Loaded   Percent      Mapped      Time
;  _$255$DUA18:[SYSLIB]LIB.L32;1           18619        56         0        1000        00:02.0


;                                       COMMAND QUALIFIERS
;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:SNDERL/OBJ=OBJ$:SNDERL MSRC$:SNDERL/UPDATE=(BUG$:SNDERL)
; Size:          358 code + 0 data bytes
```

```
; Run Time:          00:15.8
; Elapsed Time:      00:29.1
; Lines/CPU Min:      4774
; Lexemes/CPU-Min: 24553
; Memory Used:  214 pages
; Compilation Complete
```

0444 AH-EF71A-SE
VAX/VMS V4.1 SRC LST MCRF UPD