



```
LL          000000  GGGGGGGG  GGGGGGGG  EEEEEEEEE  RRRRRRRR
LL          000000  GGGGGGGG  GGGGGGGG  EEEEEEEEE  RRRRRRRR
LL          00    00  GG          GG          EE          RR          RR
LL          00    00  GG          GG          EE          RR          RR
LL          00    00  GG          GG          EE          RR          RR
LL          00    00  GG          GG          EE          RR          RR
LL          00    00  GG          GG          EEEEEEEEE RRRRRRRR
LL          00    00  GG  GGGGGG  GG  GGGGGG  EE          RRRRRRRR
LL          00    00  GG  GGGGGG  GG  GGGGGG  EE          RR  RR
LL          00    00  GG          GG          EE          RR          RR
LL          00    00  GG          GG          EE          RR          RR
LLLLLLLLLL 000000  GGGGGG  GGGGGG  EEEEEEEEE  RR          RR
LLLLLLLLLL 000000  GGGGGG  GGGGGG  EEEEEEEEE  RR          RR
.....
.....
.....
.....
```

```
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
```

LO  
LA  
FU

```
0001 C
0002 C Version: 'V04-000'
0003 C
0004 C*****
0005 C*
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0023 C*
0024 C*
0025 C*****
0026 C
0027 C
0028 c Author Brian Porter Creation Date 17-JUN-1981
0029 c
0030 c++
0031 c Functional description:
0032 c
0033 c This module displays the vms time and decoded logging sid for
0034 c the error log entry.
0035 c
0036 c Modified by:
0037 c
0038 c V03-003 SAR0194 Sharon A. Reynolds, 20-feb-1984
0039 c Added an SYE update that adds Micro Vax support.
0040 c
0041 c V03-002 SAR0145 Sharon A. Reynolds, 5-Oct-1983
0042 c Added an SYE update that adds support for the
0043 c 11/785 (Superstar) and the 11/7XX.
0044 c
0045 c V03-001 SAR0064 Sharon A. Reynolds, 20-Jun-1983
0046 c Changed the carriage control in the 'format' statements
0047 c for use with ERF.
0048 c
0049 c v02-003 BP0003 Brian Porter, 28-SEP-1981
0050 c Corrected hardware revision problem with 11/780.
0051 c
0052 c v02-002 BP0002 Brian Porter, 17-AUG-1981
0053 c Added 11/730 support.
0054 c
0055 c v02-001 BP0001 Brian Porter, 5-AUG-1981
0056 c Added code to count lines output.
0057 c**
```

```
0058 c--
0059
0060
0061 Subroutine LOGGER (lun,entry_herald)
0062
0063 include 'src$:msghdr.for /nolist'
0064
0123
0124
0125 byte lun
0126
0127 character*(*) entry_herald
0128 Character*1 revision_letter(8)
0129 Data revision_letter ' ','A','B','C','D','E','F','H'/
0130
0131 logical*4 sys$asctim
0132
0133 character*26 sys$asctim_string
0134 data sys$asctim_string(1:2) /' ':'/
0135 data sys$asctim_string(26:26) /': '/
0136
0137 integer*4 compress4
0138 integer*4 compressc
0139 integer*4 logging_cpu_type
0140 integer*4 hardware_revision,revision_index
0141 integer*4 serial_number
0142 integer*4 micro_code_revision
0143
0144 if (.not. sys$asctim(,sys$asctim_string(3:25),emb$q_hd_time,%val(0)))
0145 1 then
0146
0147 sys$asctim_string(3:3) = '*'
0148 endif
0149
0150 logging_cpu_type = lib$extzv(24,8,emb$l_hd_sid)
0151
0152 call linchk (lun,2)
0153
0154 c
0155 c 11/78X
0156 c
0157
0158 if (logging_cpu_type .eq. 255) then
0159
0160 hardware_revision = lib$extzv(19,5,emb$l_hd_sid)
0161 serial_number = lib$extzv(0,12,emb$l_hd_sid)
0162
0163 write(lun,10) entry_herald,sys$asctim_string,' KA780 REV# ',
0164 1 hardware_revision,' SERIAL# ',serial_number
0165 10 format(/' ',a<min(len(entry_herald),24)>,
0166 1 a<compressc (sys$asctim_string)>,a,i<compress4 (hardware_revision)>,
0167 1 ' ',a,i<compress4 (serial_number)>,'.')
0168
0169 else if (logging_cpu_type .eq. 1) then
0170
0171 If (LIB$EXTZV(22,2,emb$l_hd_sid) .EQ. 0) then
0172
```

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0173 hardware_revision = lib$extzv(19,4,emb$l_hd_sid)
0174 serial_number = lib$extzv(0,12,emb$l_hd_sid)
0175
0176 write(lun,10) entry_herald,sys$asctim_string,' KA780 REV# ',
0177 1 hardware_revision,' SERIAL# ',serial_number
0178
0179 Else
0180
0181 Hardware_revision = LIB$EXTZV(18,4,emb$l_hd_sid)
0182 Serial_number = LIB$EXTZV(0,12,emb$l_hd_sid)
0183 Revision_index = LIB$EXTZV(15,3,emb$l_hd_sid)
0184
0185 Write (lun,30) entry_herald,sys$asctim_string,' KA785 REV# ',
0186 1 hardware_revision, revision_letter( revision_index+1 ),
0187 2 ' SERIAL# ',serial_number
0188
0189
0190 30 format(/' ',a<min(len(entry_herald),24)>,
0191 1 a<compressc (sys$asctim_string)>,a,i<compress4 (hardware_revision)>,
0192 1 a,'.',a,i<compress4 (serial_number)>,'.')
0193 Endif
0194
0195 c
0196 c 11/750
0197 c
0198
0199 else if (logging_cpu_type .eq. 2) then
0200
0201 hardware_revision = lib$extzv(0,8,emb$l_hd_sid)
0202 micro_code_revision = lib$extzv(8,8,emb$l_hd_sid)
0203
0204 write(lun,20) entry_herald,sys$asctim_string,' KA750 REV# ',
0205 1 hardware_revision,' MIC# ',micro_code_revision
0206 20 format(/' ',a<min(len(entry_herald),24)>,
0207 1 a<compressc (sys$asctim_string)>,a,i<compress4 (hardware_revision)>,
0208 1 ' ',a,i<compress4 (micro_code_revision)>,'.')
0209
0210 c
0211 c 11/730
0212 c
0213
0214 else if (logging_cpu_type .eq. 3) then
0215
0216 hardware_revision = lib$extzv(0,8,emb$l_hd_sid)
0217 micro_code_revision = lib$extzv(8,8,emb$l_hd_sid)
0218
0219 write(lun,25) entry_herald,sys$asctim_string,' KA730 REV# ',
0220 1 hardware_revision,' MIC# ',micro_code_revision
0221 25 format(/' ',a<min(len(entry_herald),24)>,
0222 1 a<compressc (sys$asctim_string)>,a,i<compress4 (hardware_revision)>,
0223 1 ' ',a,i<compress4 (micro_code_revision)>,'.')
0224
0225 c
0226 c 11/7xx
0227 c
0228 Else if (logging_cpu_type .EQ. 4) then
0229

```

```

0230 Hardware_revision = LIB$EXTZV(16,8,emb$l_hd_sid)
0231 Serial_number = LIB$EXTZV(0,12,emb$l_hd_sid)
0232
0233 Write (lun,10) entry_herald,sys$asctim_string,' KA7XX REV# ',
0234 1 hardware_revision,' SERIAL# ',serial_number
0235
0236 C
0237 C Micro VAX
0238 C
0239 Else if (logging_cpu_type .EQ. 7) then
0240
0241 Hardware_revision = LIB$EXTZV(0,8,emb$l_hd_sid)
0242 Micro_code_revision = LIB$EXTZV(8,8,emb$l_hd_sid)
0243
0244 Write (lun,25) entry_herald,sys$asctim_string,' UVAX1 REV# ',
0245 1 hardware_revision,' MIC# ',micro_code_revision
0246
0247 c
0248 c Additional "cpu type" support should be added by expanding
0249 c the ELSE-IF-THEN at this point.
0250 c
0251 else
0252
0253 1000 write(lun,1000) entry_herald,sys$asctim_string
0254 format('/',a<min(len(entry_herald),24)S,
0255 1 a<compressc (sys$asctim_string)>)
0256 endif
0257
0258 return
0259
0260 end
    
```







