```
EEEEEEEEEEEEEEEE   VVV        VVV   LLL
EEEEEEEEEEEEEEEE   VVV        VVV   LLL
EEEEEEEEEEEEEEEE   VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEEEEEEEEEEE       VVV        VVV   LLL
EEEEEEEEEEEE       VVV        VVV   LLL
EEEEEEEEEEEE       VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEE                VVV        VVV   LLL
EEE                 VVV      VVV    LLL
EEE                  VVV    VVV     LLL
EEE                  VVV    VVV     LLL
EEE                   VVV  VVV      LLL
EEEEEEEEEEEEEEEE       VVV VVV      LLLLLLLLLLLLLLL
EEEEEEEEEEEEEEEE        VVV         LLLLLLLLLLLLLLL
EEEEEEEEEEEEEEEE        VVV         LLLLLLLLLLLLLLL
```

ERRMSG

LIS

```
 1          .TITLE   ERRMSG Error Messages
 2          .IDENT   'V04-000'
 3
 4  ;
 5  ;**********************************************************************
 6  ;*                                                                    *
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24  ;*                                                                    *
25  ;*                                                                    *
26  ;**********************************************************************
27
28
29  ;++
30  ; FACILITY:     DECnet Event Logging (EVL)
31
32  ; ABSTRACT:
33
34  ;     All facility specific error messages
35
36  ; ENVIRONMENT:  VAX/VMS Operating System
37
38  ; AUTHOR:       Darrell Duffy, Tim Halvorsen, 16-June-1980
39
40  ; MODIFIED BY:
41
42  ;     V008    TMH0008         Tim Halvorsen   08-Apr-1983
43  ;             Remove phase "software fault" from 2 events.
44  ;             Change phase "operater fault" to "operator initiated".
45  ;             Add "circuit down" and "circuit down, operator"
46  ;             events.
47
48  ;     V007    TMH0007         Tim Halvorsen   26-Sep-1982
49  ;             Add X.25 counters and VMS-specific events.
50
51  ;     V006    TMH0006         Tim Halvorsen   28-Jul-1982
52  ;             Add Phase IV events.
53
54  ;     V005    TMH0005         Tim Halvorsen   30-Jun-1982
55  ;             Update list of line and circuit counters.
56  ;
```

```
57 |        V004    TMH0004          Tim Halvorsen    28-Dec-1981
58 |                Replace PCL counters in TMH0002 with new list
59 |                of PCL counters from latest and greatest spec.
60 |                Add UNA counters.
61 |
62 |        V003    TMH0003          Tim Halvorsen    05-Aug-1981
63 |                Add DAP CRC event message
64 |
65 |        V002    TMH0002          Tim Halvorsen    08-Jul-1981
66 |                Add PCL11-B line counter messages, and new 2.2
67 |                event messages.
68 |
69 |        V001    TMH0001          Tim Halvorsen    17-Nov-1980
70 |                Shorten intialization failure messages so they
71 |                fit in the OPCOM message limit.
72 !--
```

ERRMSG   Error Messages   N 2
                              16-SEP-1984 01:40:35   VAX-11 Message V04-00   Page   3
                              5-SEP-1984 01:02:08   DISK$VMSMASTER:[EVL.SRC]ERRMSG.MSG;1

```
                 73
00000200         74  .FACILITY EVL,512/SYSTEM
                 75
                 76  .SEVERITY ERROR
                 77
                 78 !
                 79 !      Each of the following messages may be generated by EVL.
                 80 !      A brief description follows each message giving the reason for
                 81 !      the failure and its possible remedy if appropriate.
                 82 !
                 83 !      Secondary messages are printed to give more information about a
                 84 !      failure.  Sometimes the secondary messages are from EVL itself.
                 85 !      More often however the messages are system or RMS messages which
                 86 !      detail the failure.
                 87 !
                 88
0200800A         89  OBTEVT          "error when reading raw events"
                 90 !
                 91 !      An error was returned from the netacp when EVL was reading unprocessed
                 92 !      events.  The secondary message may indicate a system configuration
                 93 !      or process quota problem with the EVL process.  Make sure the EVL
                 94 !      process has adaquate quota and that the VMS system is configured
                 95 !      properly.  The account that EVL runs under is specified in the
                 96 !      network configuration database.
                 97 !
                 98
02008012         99  WRTEVT          "error writing events to sink node receiver"
                100
                101 !      An error was returned when a write was attempted to a logical link
                102 !      to an event receiver.  The link will be reopened and the write will
                103 !      be retried.  Many of these errors indicate a misconfigured VMS system
                104 !      or network.
                105 !
                106
0200801A        107  OPNSNK          "unable to open link to event receiver"
                108 !
                109 !      An error was returned when EVL attempted to open a logical link to
                110 !      an event receiver on a sink node.  The sink node may not be reachable
                111 !      in the network or the VMS system or network may be misconfigured.
                112 !
                113
02008022        114  RAWFMT          "an invalid raw event was seen, and ignored"
                115 !
                116 !      An invalid raw event was obtained from NETACP.  The event's size
                117 !      exceeded the buffer.  This indicates a bug in network software.
                118 !
                119
0200802A        120  EVTSIZ          "an event was too large to translate to DNA form"
                121 !
                122 !      A raw event was too large to format properly into DECnet standard
                123 !      form.  It has been discarded.  This indicates a bug in network
                124 !      software.
                125 !
                126
02008032        127  READEVT         "error reading processed event record"
                128 !
```

```
             129 !        An error was encountered while reading incoming event records
             130 !        by the receiver.  An event has been discarded.
             131 !
             132
0200803A     133 BRDCST/FAO=1     "unable to write to console device !AS"
             134 !
             135 !        An error was encountered writing to the console sink.  The
             136 !        event is discarded.
             137 !
             138
02008042     139 OPENMON/FAO=1    "error creating logical link to monitor process !AS"
             140 !
             141 !        An error was encountered establishing a logical link to
             142 !        a sink monitor process.  All events destined for that sink
             143 !        will be discarded.  The monitor image or command file may
             144 !        not be present.
             145
0200804A     146 WRITEMON/FAO=1 "error writing event record to monitor process !AS"
             147 !
             148 !        An error was encountered writing an event record to a
             149 !        sink monitor process.  The link will be reestablished to
             150 !        the monitor process.
             151 !
             152
02008052     153 CLOSEMON/FAO=1  <error disconnecting monitor process "!AS">
             154 !
             155 !        An error was encountered disconnecting a monitor process.
             156
0200805A     157 OPENFILE/FAO=1 <error creating event file "!AS">
             158 !
             159 !        An error was encountered creating an event file.  All events
             160 !        destined for that sink will be discarded.
             161
02008062     162 WRITEFILE/FAO=1 <error writing event file "!AS">
             163 !
             164 !        An error was encountered writing an event record to a
             165 !        file.  All events destined for that sink will be discarded.
             166
0200806A     167 CLOSEFILE/FAO=1 <error closing event file "!AS">
             168 !
             169 !        An error was encountered closing an event file.
             170
02008072     171 BADTYPE/FAO=1    "illegal sink type !UL, record ignored"
             172 !
             173 !        An event record was received by the event receiver which
             174 !        had an illegal sink type.  The record was ignored.
             175
0200807A     176 BADPARAM         "improperly coded NICE parameter"
             177 !
             178 !        An improperly coded NICE parameter was detected by the event
             179 !        receiver.  The parameter is not displayed.
```

```
          180
          181
          182
          183 !      The following severe errors indicate misconfiguration problems
          184 !      with the VMS system or the DECnet software or bugs in network
          185 !      software.  Secondary error messages should indicate the course
          186 !      of action to follow to correct misconfigurations.  Suspect
          187 !      process quotas and privileges for the EVL process. Also SYSGEN
          188 !      parameters which may effect the function of NETACP or the EVL
          189 !      process.
          190 !
          191
          192 .SEVERITY SEVERE
          193
02008084  194 NETASN        "unable to assign a channel to NET"
          195 !
          196 !      An $ASSIGN system service failed to assign a channel to the network.
          197 !
          198
0200808C  199 NETDAS        "error deassigning a channel to the device NET"
          200 !
          201 !      An error occurred when EVL attempted to deassign a channel to
          202 !      break a link with the event receiver.
          203 !
          204
02008094  205 INSFVM        "unable to obtain virtual memory"
          206 !
          207 !      A program bug or system configuration problem caused virtual memory
          208 !      to become exhausted.  Check the value of the VIRTUALPAGECNT
          209 !      parameter to SYSGEN and if it is 2048 or greater then the message
          210 !      is caused by a program bug.
          211 !
          212
0200809C  213 WKQERR        "an error was returned from a work queue management routine"
          214 !
          215 !      One of the work queue management routines returned an error.  This
          216 !      error is not expected and indicates a program bug or a vms system
          217 !      configuration problem.  Check the maximum virtual memory allowed for
          218 !      the process and the timer element quota.  There needs to be one timer
          219 !      queue element for each sink node in use and a couple of spares.
          220 !
          221
020080A4  222 ACPSHO        "an error was returned from an NETACP show function"
          223 !
          224 !      An unexpected error was returned from a Network show function
          225 !      used to obtain database information from the network.  The probable
          226 !      cause is a software error.  Report the problem and the conditions
          227 !      under which it occurred on an SPR form to DIGITAL.
          228 !
          229
020080AC  230 NETSHUT       "network is shutting down, EVL is exiting"
          231 !
          232 !      EVL received notification that the network is shutting down.
          233 !      It is exiting at this time.  This message is expected.
          234 !
          235
```

```
                         236
                         237
                         238  .SEVERITY INFORMATIONAL
                         239
020080B3                 240  LOGDBUR/FAO=1    "event receiver data base update at !%D"
020080BB                 241  DBCRCV/FAO=4     <!AC sink "!AD", state !AC>
                         242  !
                         243  !       Event receiver has updated its internal database as a result
                         244  !       of startup or notification from the NETACP.
                         245  !
                         246
020080C3                 247  LOGDBUT/FAO=1    "event transmitter data base update at !%D"
                         248  !
                         249  !       Event transmitter has updated its internal database as a result
                         250  !       of startup or notification from the NETACP.
                         251  !
                         252
020080CB                 253  LOGOPNT/FAO=2    "open link to event receiver on node !AS at !%D"
                         254  !
                         255  !       Event transmitter has attempted to open a link to the event
                         256  !       receiver on the  specified node.
                         257  !
                         258
020080D3                 259  LOGOPNR/FAO=3    "connect accepted by event receiver from node !AD at !%D"
                         260  !
                         261  !       Event receiver accepted a link from an event transmitter on
                         262  !       the specified node.
                         263  !
                         264
020080DB                 265  LOGOPNM/FAO=3    "open link to event monitor !AD at !%D"
                         266  !
                         267  !       Event receiver opened a link to the event monitor specified.
                         268  !
                         269
```

ERRMSG   Error Messages   E 3
16-SEP-1984 01:40:37   VAX-11 Message V04-00
5-SEP-1984 01:02:08   DISK$VMSMASTER:[EVL.SRC]ERRMSG.MSG;1   Page   7

```
                   270
                   271
                   272  !
                   273  !        Define standard event descriptions
                   274  !
                   275
                   276  .SEVERITY INFORMATIONAL
                   277
020080E3           278  NMA_LOS              "event records lost"
020080EB           279  NMA_ANC              "automatic node counters"
020080F3           280  NMA_ALC              "automatic line counters"
020080FB           281  NMA_ALS              "automatic line service"
02008103           282  NMA_LCZ              "line counters zeroed"
0200810B           283  NMA_NCZ              "node counters zeroed"
02008113           284  NMA_PSL              "passive loopback"
0200811B           285  NMA_ABS              "aborted service request"
02008123           286  NMA_CTR              "automatic counters"
0200812B           287  NMA_ZER              "counters zeroed"
                   288
02008133           289  SCL_LNS              "local node state change"
0200813B           290  SCL_ACR              "access control reject"
                   291
02008143           292  NSL_IMS              "invalid message"
0200814B           293  NSL_IFC              "invalid flow control"
02008153           294  NSL_DBR              "data base reused"
                   295
0200815B           296  TPL_APL              "aged packet loss"
02008163           297  TPL_UPL              "node unreachable packet loss"
0200816B           298  TPL_RPL              "node out-of-range packet loss"
02008173           299  TPL_OPL              "oversized packet loss"
0200817B           300  TPL_PFM              "packet format error"
02008183           301  TPL_PRU              "partial routing update loss"
0200818B           302  TPL_VFR              "verification reject"
02008193           303  TPL_LDF              "circuit down, circuit fault"
0200819B           304  TPL_CDS              "circuit down"
020081A3           305  TPL_CDO              "circuit down, operator initiated"
020081AB           306  TPL_LUP              "circuit up"
020081B3           307  TPL_ILF              "init failure, circuit fault"
020081BB           308  TPL_ISF              "init failure"
020081C3           309  TPL_IOF              "init failure, operator initiated"
020081CB           310  TPL_RCH              "node reachability change"
020081D3           311  TPL_AUP              "adjacency up"
020081DB           312  TPL_ARJ              "adjacency rejected"
020081E3           313  TPL_ACH              "area reachability change"
020081EB           314  TPL_LDS              "adjacency down"
020081F3           315  TPL_LDO              "adjacency down, operator initiated"
                   316
020081FB           317  DLL_LSC              "locally initiated state change"
02008203           318  DLL_RSC              "remotely initiated state change"
0200820B           319  DLL_PRS              "protocol restart received in maintenance mode"
02008213           320  DLL_SND              "send error threshold"
0200821B           321  DLL_RET              "receive error threshold"
02008223           322  DLL_SLC              "select error threshold"
0200822B           323  DLL_BHF              "block header format error"
02008233           324  DLL_SAD              "selection address error"
0200823B           325  DLL_STT              "streaming tributary"
```

```
02008243   326 DLL_LBS          "local buffer too small"
0200824B   327 DLL_RST          "restart"
02008253   328 DLL_STC          "state change"
0200825B   329 DLL_RME          "retransmit maximum exceeded"
02008263   330 DLL_IFL          "initialization failure"
0200826B   331 DLL_SFL          "send failure"
02008273   332 DLL_RFL          "receive failure"
0200827B   333 DLL_CDC          "collision detect check failed"
02008283   334 DLL_DTU          "DTE up"
0200828B   335 DLL_DTD          "DTE down"
           336
02008293   337 PLL_DSR          "data set ready transition"
0200829B   338 PLL_RIN          "ring indicator transition"
020082A3   339 PLL_CAR          "unexpected carrier transition"
020082AB   340 PLL_MEM          "memory access error"
020082B3   341 PLL_COM          "communications interface error"
020082BB   342 PLL_PFM          "performance error"
           343
020082C3   344 VMS_DBC          "logging data base change"
020082CB   345 VMS_DPC          "CRC error detected in DAP message"
020082D3   346 VMS_DP2          "duplicate Phase II node"
020082DB   347 VMS_PCR          "process created"
020082E3   348 VMS_PTR          "process terminated"
```

```
                    349
                    350
                    351   |
                    352   !        Define standard event descriptions
                    353   !
                    354
                    355   .SEVERITY INFORMATIONAL
                    356
020082EB            357   CTCIR_ZER           "seconds since last zeroed"
020082F3            358   CTCIR_APR           "arriving packets received"
020082FB            359   CTCIR_DPS           "departing packets sent"
02008503            360   CTCIR_ACL           "arriving congestion loss"
0200830B            361   CTCIR_CRL           "corruption loss"
02008313            362   CTCIR_TPR           "transit packets received"
0200831B            363   CTCIR_TPS           "transit packets sent"
02008323            364   CTCIR_TCL           "transit congestion loss"
0200832B            365   CTCIR_LDN           "line down"
02008333            366   CTCIR_IFL           "initialization failure"
0200833B            367   CTCIR_BRC           "bytes received"
02008343            368   CTCIR_BSN           "bytes sent"
0200834B            369   CTCIR_MBY           "multicast bytes received"
02008353            370   CTCIR_DBR           "data blocks received"
0200835B            371   CTCIR_DBS           "data blocks sent"
02008363            372   CTCIR_DEI           "data errors inbound"
0200836B            373   CTCIR_DEO           "data errors outbound"
02008373            374   CTCIR_RRT           "remote reply timeouts"
0200837B            375   CTCIR_LRT           "local reply timeouts"
02008383            376   CTCIR_RBE           "remote buffer errors"
0200838B            377   CTCIR_LBE           "local buffer errors"
02008393            378   CTCIR_SIE           "selection intervals elapsed"
0200839B            379   CTCIR_SLT           "selection timeouts"
020083A3            380   CTCIR_UBU           "user buffer unavailable"
020083AB            381   CTCIR_RPE           "remote process errors"
020083B3            382   CTCIR_LPE           "local process errors"
020083BB            383   CTCIR_LIR           "locally initiated resets"
020083C3            384   CTCIR_RIR           "remotely initiated resets"
020083CB            385   CTCIR_NIR           "network initiated resets"
020083D3            386   CTCIR_MNE           "Multicast received for disabled protocol"
020083DB            387   CTCIR_ERI           "PCL errors inbound"
020083E3            388   CTCIR_ERO           "PCL errors outbound"
020083EB            389   CTCIR_RTO           "Remote PCL timeouts"
020083F3            390   CTCIR_LTO           "Local PCL timeouts"
020083FB            391   CTCIR_BER           "Remote PCL buffer errors"
02008403            392   CTCIR_BEL           "Local PCL buffer errors"
                    393
0200840B            394   CTLIN_ZER           "seconds since last zeroed"
02008413            395   CTLIN_APR           "arriving packets received"
0200841B            396   CTLIN_DPS           "departing packets sent"
02008423            397   CTLIN_ACL           "arriving congestion loss"
0200842B            398   CTLIN_TPR           "transit packets received"
02008433            399   CTLIN_TPS           "transit packets sent"
0200843B            400   CTLIN_TCL           "transit congestion loss"
02008443            401   CTLIN_LDN           "line down"
0200844B            402   CTLIN_IFL           "initialization failure"
02008453            403   CTLIN_BRC           "bytes received"
0200845B            404   CTLIN_BSN           "bytes sent"
```

```
02008463   405 CTLIN_MBY    "multicast bytes received"
0200846B   406 CTLIN_DBR    "data blocks received"
02008473   407 CTLIN_DBS    "data blocks sent"
0200847B   408 CTLIN_MBL    "multicast blocks received"
02008483   409 CTLIN_BID    "blocks sent, initially deferred"
0200848B   410 CTLIN_BS1    "blocks sent, 1 collision"
02008493   411 CTLIN_BSM    "blocks sent, more than 1 collision"
0200849B   412 CTLIN_DEI    "data errors inbound"
020084A3   413 CTLIN_DEO    "data errors outbound"
020084AB   414 CTLIN_RRT    "remote reply timeouts"
020084B3   415 CTLIN_LRT    "local reply timeouts"
020084BB   416 CTLIN_RBE    "remote buffer errors"
020084C3   417 CTLIN_LBE    "local buffer errors"
020084CB   418 CTLIN_SIE    "selection intervals elapsed"
020084D3   419 CTLIN_SLT    "selection timeouts"
020084DB   420 CTLIN_SFL    "send failure"
020084E3   421 CTLIN_CDC    "collision detect check failure"
020084EB   422 CTLIN_RFL    "receive failure"
020084F3   423 CTLIN_UFD    "unrecognized frame destination"
020084FB   424 CTLIN_OVR    "data overrun"
02008503   425 CTLIN_SBU    "system buffer unavailable"
0200850B   426 CTLIN_UBU    "user buffer unavailable"
02008513   427 CTLIN_RPE    "remote process errors"
0200851B   428 CTLIN_LPE    "local process errors"
02008523   429 CTLIN_MBS    "multicast packets transmitted"
0200852B   430 CTLIN_MSN    "mulitcast bytes transmitted"
02008533   431 CTLIN_RME    "Remote PCL errors"
0200853B   432 CTLIN_LCE    "Local PCL errors"
02008543   433 CTLIN_MSE    "PCL master/secondary errors"
           434
0200854B   435 CTNOD_ZER    "seconds since last zeroed"
02008553   436 CTNOD_BRC    "bytes received"
0200855B   437 CTNOD_BSN    "bytes sent"
02008563   438 CTNOD_MRC    "messages received"
0200856B   439 CTNOD_MSN    "messages sent"
02008573   440 CTNOD_CRC    "connects received"
0200857B   441 CTNOD_CSN    "connects sent"
02008583   442 CTNOD_RTO    "response timeouts"
0200858B   443 CTNOD_RSE    "received connect resource errors"
02008593   444 CTNOD_MLL    "maximum logical links active"
0200859B   445 CTNOD_APL    "aged packet loss"
020085A3   446 CTNOD_NUL    "node unreachable packet loss"
020085AB   447 CTNOD_NOL    "node out-of-range packet loss"
020085B3   448 CTNOD_OPL    "oversized packet loss"
020085BB   449 CTNOD_PFE    "packet format error"
020085C3   450 CTNOD_RUL    "partial routing update loss"
020085CB   451 CTNOD_VER    "verification reject"
           452
020085D3   453 CTXP_ZER     "seconds since last zeroed"
020085DB   454 CTXP_BRC     "bytes received"
020085E3   455 CTXP_BSN     "bytes sent"
020085EB   456 CTXP_BLR     "data blocks received"
020085F3   457 CTXP_BLS     "data blocks sent"
020085FB   458 CTXP_CPC     "calls received"
02008603   459 CTXP_CSN     "calls sent"
0200860B   460 CTXP_FSR     "fast selects received"
02008613   461 CTXP_FSS     "fast selects sent"
```

```
0200861B   462 CTXP_MSA          "maximum switched circuits active"
02008623   463 CTXP_MCA          "maximum channels active"
0200862B   464 CTXP_RSE          "received call resource errors"
02008633   465 CTXP_LIR          "locally initiated resets"
0200863B   466 CTXP_RIR          "remotely initiated resets"
02008643   467 CTXP_NIR          "network initiated resets"
0200864B   468 CTXP_RST          "restarts"
           469
02008653   470 CTXS_ZER          "seconds since last zeroed"
0200865B   471 CTXS_MCA          "maximum circuits active"
02008663   472 CTXS_ICR          "incoming calls rejected, no resources"
0200866B   473 CTXS_LLR          "logical links rejected, no resources"
           474
           475 .END                            !End of module
```

There were 0 errors, 0 warnings, and 0 informational messages issued.
MESSAGE/FILE NAME=NETWRKMSG/LIS=LIS$:ERRMSG/OBJ=OBJ$:ERRMSG MSRC$:ERRMSG

EVLJULIAN
LIS

EVCDEF
LIS

ERRMSG
LIS

EVLIBRARY
LIS

EVLTRANS
LIS

EVLSHOW
LIS

EVLMAIN
LIS

RECEIVER
LIS