```
EEEEEEEEEEEEEEE  RRRRRRRRRRRR     FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR     FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR     FFFFFFFFFFFFFFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
```

```
**FILE**ID**ERFSUMM
```

```
EEEEEEEEEE  RRRRRRRR    FFFFFFFFFF    SSSSSSSS  UU      UU  MM      MM  MM      MM
EEEEEEEEEE  RRRRRRRR    FFFFFFFFFF    SSSSSSSS  UU      UU  MM      MM  MM      MM
EE          RR      RR  FF          SS          UU      UU  MMMM  MMMM  MMMM  MMMM
EE          RR      RR  FF          SS          UU      UU  MMMM  MMMM  MMMM  MMMM
EE          RR      RR  FF          SS          UU      UU  MM  MM  MM  MM  MM  MM
EE          RR      RR  FF          SS          UU      UU  MM  MM  MM  MM  MM  MM
EEEEEEEE    RRRRRRRR    FFFFFFFF      SSSSSS    UU      UU  MM      MM  MM      MM
EEEEEEEE    RRRRRRRR    FFFFFFFF      SSSSSS    UU      UU  MM      MM  MM      MM
EE          RR  RR      FF                  SS  UU      UU  MM      MM  MM      MM
EE          RR  RR      FF                  SS  UU      UU  MM      MM  MM      MM
EE          RR    RR    FF                  SS  UU      UU  MM      MM  MM      MM       ....
EE          RR    RR    FF                  SS  UU      UU  MM      MM  MM      MM       ....
EEEEEEEEEE  RR      RR  FF          SSSSSSSS    UUUUUUUUUU  MM      MM  MM      MM       ....
EEEEEEEEEE  RR      RR  FF          SSSSSSSS    UUUUUUUUUU  MM      MM  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
```

```
0 MODULE ERFSUMMARY
0 (%TITLE 'Summary dispatcher'
0 IDENT = 'V04-000') =
0
1 BEGIN
1
1 !
1 !****************************************************************************
1 !*                                                                          *
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1 !*                                                                          *
1 !****************************************************************************
1
1 !++
1 ! FACILITY:  ERF, Error Log Report Generator
1 !
1 ! ABSTRACT:
1 !
1 !    This module handles the update and output of summary information.
1 !
1 ! ENVIRONMENT:
1 !
1 !       VAX/VMS operating system, user mode.
1 !
1 ! AUTHOR:  Sharon Reynolds,     CREATION DATE:  12-Apr-1983
1 !
1 ! Modified by:
1 !
1 !       V03-003 EAD0141         Elliott A. Drayton      12-Apr-1984
1 !               Removed reference to EMBETDEF.REQ.
1 !
1 !       V03-002 SAR0192         Sharon A. Reynolds      15-Feb-1984
1 !               Removed references to parserdat.
1 !
1 !       V03-001 JMG0003         Joel M. Gringorten      29-Dec-1983
1 !               Added dispatch clauses for histogram support.
1 !               - output
1 !               - update
1 !
1 !--
```

```
;    58           0058  1
;    59           0059  1 Require 'src$:erfdef.req' ;               ! ERF definitions
;    60           0345  1 Require 'src$:recseldef.req' ;            ! SYECOM field definitions
;    61           0476  1
;    62           0477  1 !
;    63           0478  1 ! Table of contents
;    64           0479  1 !
;    65           0480  1 Forward routine
;    66           0481  1     Summary_dispatcher: NOVALUE ;
;    67           0482  1
;    68           0483  1 External routine
;    69           0484  1     Display_rollup,
;    70           0485  1     Entry_summary_output,
;    71           0486  1     Entry_summary_update,
;    72           0487  1     Label_out,
;    73           0488  1     Memory_display,
;    74           0489  1     Rollup,
;    75           0490  1     Processed_entries_histo_update,
;    76           0491  1     Processed_entries_histo_output ;
;    77           0492  1
;    78           0493  1 Own
;    79           0494  1     Temp_emb:               PSECT (EMB),
;    80           0495  1     Emb_buf:                Initial (temp_emb)
;    81           0496  1                             REF $BBLOCK,
;    82           0497  1
;    83           0498  1     Temp_syecom:            PSECT (SYECOM),
;    84           0499  1     Syecom_buf:             Initial (temp_syecom)
;    85           0500  1                             REF $BBLOCK,
;    86           0501  1     Name_desc:              $BBLOCK [dsc$k_d_bln]
;    87           0502  1                             Preset ([dsc$b_class] = dsc$k_class_d) ;
;    88           0503  1
```

```
0504  1 Global Routine SUMMARY_DISPATCHER (lstlun, function): NOVALUE =
0505  1
0506  2 Begin
0507  2
0508  2 !++
0509  2 !
0510  2 ! Functional Description:
0511  2 !
0512  2 !
0513  2 ! Calling Sequence:
0514  2 !
0515  2 !    Summary_dispatcher (lstlun,function)
0516  2 !
0517  2 ! Input Parameters:
0518  2 !
0519  2 !    Lstlun  = contains the address of the output logical unit number.
0520  2 !    Function = contains the address of the function code.
0521  2 !
0522  2 ! Output Parameters:
0523  2 !
0524  2 !    None
0525  2 !
0526  2 !--
0527  2 Selectone ..function of
0528  2     Set
0529  2     [Histo_summ_upd]:
0530  3         Begin
0531  3         !
0532  3         ! Update the histogram summary information (count of selected entries).
0533  3         !
0534  3         PROCESSED_ENTRIES_HISTO_UPDATE () ;
0535  2         End ;
0536  2
0537  2     [Entry_summ_upd]:
0538  3         Begin
0539  3         !
0540  3         ! Update the entry summary information (count of all entries).
0541  3         !
0542  3         ENTRY_SUMMARY_UPDATE (syecom_buf[sye$b_valid_cpu],
0543  3                               syecom_buf[sye$b_valid_entry],
0544  3                               syecom_buf[sye$b_valid_class],
0545  3                               syecom_buf[sye$b_valid_type]) ;
0546  2         End ;
0547  2
0548  2     [Dev_summ_upd]:
0549  3         Begin
0550  3         !
0551  3         ! Ensure that this is either a 'device error', 'device timeout',
0552  3         ! or a 'device attention' entry and call the summary update
0553  3         ! routine, passing the appropriate EMB fields.
0554  3         !
0555  4         If ((.emb_buf[emb$w_hd_entry] EQLU EMB$C_DE) OR
0556  4             (.emb_buf[emb$w_hd_entry] EQLU EMB$C_DT) OR
0557  4             (.emb_buf[emb$w_hd_entry] EQLU EMB$C_DA))
0558  3         Then
0559  4             Begin
0560  4             Name_desc[dsc$a_pointer] = emb_buf[emb$t_dv_name] + 1 ;
```

```
;  147        0561  4
;  148        0562  4                 ROLLUP (emb_buf[emb$t_dv_name],name_desc,
;  149        0563  4                         emb_buf[emb$w_dv_unit],emb_buf[emb$g_dv_iosb],
;  150        0564  4                         emb_buf[emb$l_dv_opcnt],emb_buf[emb$w_dv_errcnt]) ;
;  151        0565  4                 End
;  152        0566  3             Else
;  153        0567  4                 Begin
;  154        0568  4                 !
;  155        0569  4                 ! Ensure that this is a 'log status' entry and call the
;  156        0570  4                 ! summary update routine, passing the appropriate EMB fields.
;  157        0571  4                 !
;  158        0572  5                 If (.emb_buf[emb$w_hd_entry] EQLU EMB$C_SP)
;  159        0573  4                 Then
;  160        0574  5                     Begin
;  161        0575  5                     Name_desc[dsc$a_pointer] = emb_buf[emb$t_sp_devnam] + 1 ;
;  162        0576  5
;  163        0577  5                     ROLLUP (emb_buf[emb$t_sp_devnam],
;  164        0578  5                             name_desc,
;  165        0579  5                             emb_buf[emb$w_sp_unit],%REF(-1),
;  166        0580  5                             emb_buf[emb$l_sp_opcnt],
;  167        0581  5                             emb_buf[emb$w_sp_errcnt]) ;
;  168        0582  4                     End ;
;  169        0583  3                 End ;
;  170        0584  3
;  171        0585  3             !
;  172        0586  3             ! Ensure this is 'log message' entry and call the summary update
;  173        0587  3             ! routine, passing the appropriate EMB fields.
;  174        0588  3             !
;  175        0589  4             If (.emb_buf[emb$w_hd_entry] EQLU EMB$C_LM)
;  176        0590  3             Then
;  177        0591  4                 Begin
;  178        0592  4                 !
;  179        0593  4                 ! Ensure the message type for this entry is useful for
;  180        0594  4                 ! updating the summary information.
;  181        0595  4                 !
;  182        0596  4                 Selectoneu .emb_buf[emb$w_lm_msgtyp] of
;  183        0597  4                     Set
;  184        0598  4                     [1,2,3,4,6,7]:
;  185        0599  5                         Begin
;  186        0600  5                         Name_desc[dsc$a_pointer] = emb_buf[emb$t_lm_devnam] + 1 ;
;  187        0601  5
;  188        0602  5                         ROLLUP (emb_buf[emb$t_lm_devnam],
;  189        0603  5                                 name_desc,
;  190        0604  5                                 emb_buf[emb$w_lm_unit],%REF(+1),
;  191        0605  5                                 %REF(-1),%REF(-1)) ;
;  192        0606  4                         End ;
;  193        0607  4                     Tes ;
;  194        0608  3                 End ;
;  195        0609  2             End ;
;  196        0610  2
;  197        0611  2         [Dev_summ_out]:
;  198        0612  3             Begin
;  199        0613  3             !
;  200        0614  3             ! Display the device summary information (device rollup).
;  201        0615  3             !
;  202        0616  3             DISPLAY_ROLLUP (.lstlun) ;
;  203        0617  2             End ;
```

```
:  204        0618  2
:  205        0619  2       [Volume_summ_out]:
:  206        0620  3           Begin
:  207        0621  3           !
:  208        0622  3           ! Display the volume summary information (volume label information).
:  209        0623  3           ! (Volume summary information is updated from the call to
:  210        0624  3           ! 'mnt_dismnt_disp' which in turn calls the appropriate routine for
:  211        0625  3           ! updating the mount or dismount summary information).
:  212        0626  3           !
:  213        0627  3           LABEL_OUT (.lstlun) ;
:  214        0628  2           End ;
:  215        0629  2
:  216        0630  2       [Memory_summ_out]:
:  217        0631  3           Begin
:  218        0632  3           !
:  219        0633  3           ! Display the memory summary information. (Memory summary information
:  220        0634  3           ! is updated in the 'memorys.for' module.)
:  221        0635  3           !
:  222        0636  3           MEMORY_DISPLAY (.lstlun) ;
:  223        0637  2           End ;
:  224        0638  2
:  225        0639  2       [Entry_summ_out]:
:  226        0640  3           Begin
:  227        0641  3           !
:  228        0642  3           ! Display the entry summary information.
:  229        0643  3           !
:  230        0644  3           ENTRY_SUMMARY_OUTPUT (.lstlun) ;
:  231        0645  2           End ;
:  232        0646  2
:  233        0647  2       [Histo_summ_out]:
:  234        0648  3           Begin
:  235        0649  3           !
:  236        0650  3           ! Display the Histogram summary information.
:  237        0651  3           !
:  238        0652  3           PROCESSED_ENTRIES_HISTO_OUTPUT (.lstlun) ;
:  239        0653  2           End ;
:  240        0654  2
:  241        0655  2       [All_summ_out]:
:  242        0656  3           Begin
:  243        0657  3           !
:  244        0658  3           ! Output the all of the summary information.
:  245        0659  3           !
:  246        0660  3           DISPLAY_ROLLUP (.lstlun) ;
:  247        0661  3           LABEL_OUT (.lstlun) ;
:  248        0662  3           MEMORY_DISPLAY (.lstlun) ;
:  249        0663  3           ENTRY_SUMMARY_OUTPUT (.lstlun);
:  250        0664  3           PROCESSED_ENTRIES_HISTO_OUTPUT (.lstlun) ;
:  251        0665  2           End ;
:  252        0666  2
:  253        0667  2       [Otherwise]:
:  254        0668  2           Return ;
:  255        0669  2
:  256        0670  2       Tes ;
:  257        0671  2
:  258        0672  2 Return ;
:  259        0673  1 End ;   ! Routine
```

```
                                                   .TITLE  ERFSUMMARY Summary dispatcher
                                                   .IDENT  \V04-000\

                                                   .PSECT  SYECOM,NOEXE,  SHR,  GBL,  OVR,  PIC,2

                                   00000 TEMP_SYECOM:
                                                   .BLKB   4

                                                   .PSECT  EMB,NOEXE,  SHR,  GBL,  OVR,  PIC,2

                                   00000 TEMP_EMB:
                                                   .BLKB   4

                                                   .PSECT  $OWN$,NOEXE,  PIC,2

                         00000000' 00000 EMB_BUF:.ADDRESS TEMP_EMB                              ;
                         00000000' 00004 SYECOM_BUF:
                                                   .ADDRESS TEMP_SYECOM                         ;
                               00# 00008 NAME_DESC:
                                                   .BYTE   0[3]                                 ;
                               02  0000B           .BYTE   2                                    ;
                                   0000C           .BLKB   4

                                                   .EXTRN  DISPLAY_ROLLUP, ENTRY_SUMMARY_OUTPUT
                                                   .EXTRN  ENTRY_SUMMARY_UPDATE
                                                   .EXTRN  LABEL_OUT, MEMORY_DISPLAY
                                                   .EXTRN  ROLLUP, PROCESSED_ENTRIES_HISTO_UPDATE
                                                   .EXTRN  PROCESSED_ENTRIES_HISTO_OUTPUT

                                                   .PSECT  $CODE,NOWRT,  PIC,2

                              01FC 00000           .ENTRY  SUMMARY_DISPATCHER, Save R2,R3,R4,R5,R6,R7,-; 0504
                                                           R8                                   ;
          58 00000000G  00   9E 00002              MOVAB   ENTRY_SUMMARY_OUTPUT, R8             ;
          57 00000000G  00   9E 00009              MOVAB   MEMORY_DISPLAY, R7                   ;
          56 00000000G  00   9E 00010              MOVAB   LABEL_OUT, R6                        ;
          55 00000000G  00   9E 00017              MOVAB   DISPLAY_ROLLUP, R5                   ;
          54 00000000G  00   9E 0001E              MOVAB   ROLLUP, R4                           ;
          53 00000000'  00   9E 00025              MOVAB   NAME_DESC+4, R3                      ;
          5E            0C   C2 0002C              SUBL2   #12, SP                              ;
          52        08  BC   D0 0002F              MOVL    @FUNCTION, R2                        ; 0527
          08            52   D1 00033              CMPL    R2, #8                               ; 0529
                        08   12 00036              BNEQ    1$                                   ;
00000000G 00            00   FB 00038              CALLS   #0, PROCESSED_ENTRIES_HISTO_UPDATE   ; 0534
                             04 0003F              RET                                          ; 0527
          05            52   D1 00040 1$:          CMPL    R2, #5                               ; 0537
                        18   12 00043              BNEQ    2$                                   ;
          50        F8  A3   D0 00045              MOVL    SYECOM_BUF, R0                       ; 0545
                    1C  A0   9F 00049              PUSHAB  28(R0)                               ;
                    19  A0   9F 0004C              PUSHAB  25(R0)                               ; 0544
                    1B  A0   9F 0004F              PUSHAB  27(R0)                               ; 0543
                    1A  A0   9F 00052              PUSHAB  26(R0)                               ; 0542
00000000G 00            04   FB 00055              CALLS   #4, ENTRY_SUMMARY_UPDATE             ; 0545
                             04 0005C              RET                                          ; 0527
          03            52   D1 0005D 2$:          CMPL    R2, #3                               ; 0548
                        03   13 00060              BEQL    3$                                   ;
```

```
                             009F  31 00062        BRW     11$                          ;
        50         F4    A3  D0 00065 3$:    MOVL    EMB_BUF, R0                  ; 0555
        01         04    A0  B1 00069        CMPW    4(R0), #1                    ;
                         10  13 0006D        BEQL    4$                           ;
  0060  8F         04    A0  B1 0006F        CMPW    4(R0), #96                   ; 0556
                         08  13 00075        BEQL    4$                           ;
  0062  8F         04    A0  B1 00077        CMPW    4(R0), #98                   ; 0557
                         18  12 0007D        BNEQ    5$                           ;
        63         3F    A0  9E 0007F 4$:    MOVAB   63(R0), NAME_DESC+4          ; 0560
                   2C    A0  9F 00083        PUSHAB  44(R0)                       ; 0564
                   2E    A0  9F 00086        PUSHAB  46(R0)                       ;
                   12    A0  9F 00089        PUSHAB  18(R0)                       ; 0563
                   2A    A0  9F 0008C        PUSHAB  42(R0)                       ;
                   FC    A3  9F 0008F        PUSHAB  NAME_DESC                    ; 0562
                   3E    A0  9F 00092        PUSHAB  62(R0)                       ;
                         22  11 00095        BRB     6$                           ; 0564
  0063  8F         04    A0  B1 00097 5$:    CMPW    4(R0), #99                   ; 0572
                         1D  12 0009D        BNEQ    7$                           ;
        63         41    A0  9E 0009F        MOVAB   65(R0), NAME_DESC+4          ; 0575
                   30    A0  9F 000A3        PUSHAB  48(R0)                       ; 0581
                   2C    A0  9F 000A6        PUSHAB  44(R0)                       ; 0580
    10  AE               01  CE 000A9        MNEGL   #1, 16(SP)                   ; 0579
                   10    AE  9F 000AD        PUSHAB  16(SP)                       ;
                   2A    A0  9F 000B0        PUSHAB  42(R0)                       ;
                   FC    A3  9F 000B3        PUSHAB  NAME_DESC                    ; 0577
                   40    A0  9F 000B6        PUSHAB  64(R0)                       ;
        64               06  FB 000B9 6$:    CALLS   #6, ROLLUP                   ; 0581
        51         F4    A3  D0 000BC 7$:    MOVL    EMB_BUF, R1                  ; 0589
  0064  8F         04    A1  B1 000C0        CMPW    4(R1), #100                  ;
                         79  12 000C6        BNEQ    17$                          ;
        50         24    A1  3C 000C8        MOVZWL  36(R1), R0                   ; 0596
                         05  13 000CC        BEQL    8$                           ; 0598
        04               50  B1 000CE        CMPW    R0, #4                       ;
                         0B  1B 000D1        BLEQU   10$                          ;
        06               50  B1 000D3 8$:    CMPW    R0, #6                       ;
                         01  1E 000D6        BGEQU   9$                           ;
                             04 000D8        RET                                  ;
        07               50  B1 000D9 9$:    CMPW    R0, #7                       ;
                         63  1A 000DC        BGTRU   17$                          ;
        63         15    A1  9E 000DE 10$:   MOVAB   21(R1), NAME_DESC+4          ; 0600
    08  AE               01  CE 000E2        MNEGL   #1, 8(SP)                    ; 0605
                   08    AE  9F 000E6        PUSHAB  8(SP)                        ;
    08  AE               01  CE 000E9        MNEGL   #1, 8(SP)                    ;
                   08    AE  9F 000ED        PUSHAB  8(SP)                        ;
    08  AE               01  D0 000F0        MOVL    #1, 8(SP)                    ; 0604
                   08    AE  9F 000F4        PUSHAB  8(SP)                        ;
                   12    A1  9F 000F7        PUSHAB  18(R1)                       ;
                   FC    A3  9F 000FA        PUSHAB  NAME_DESC                    ; 0602
                   14    A1  9F 000FD        PUSHAB  20(R1)                       ;
        64               06  FB 00100        CALLS   #6, ROLLUP                   ; 0604
                             04 00103        RET                                  ; 0589
        02               52  D1 00104 11$:   CMPL    R2, #2                       ; 0611
                         07  12 00107        BNEQ    12$                          ;
                   04    AC  DD 00109        PUSHL   LSTLUN                       ; 0616
        65               01  FB 0010C        CALLS   #1, DISPLAY_ROLLUP           ;
                             04 0010F        RET                                  ; 0527
        07               52  D1 00110 12$:   CMPL    R2, #7                       ; 0619
```

```
                                          07  12 00113          BNEQ    13$                                      :
                                  04      AC  DD 00115          PUSHL   LSTLUN                                   : 0627
                         66               01  FB 00118          CALLS   #1, LABEL_OUT                            :
                                              04 0011B          RET                                              : 0527
                         06               52  D1 0011C 13$:     CMPL    R2, #6                                   : 0630
                                          07  12 0011F          BNEQ    14$                                      :
                                  04      AC  DD 00121          PUSHL   LSTLUN                                   : 0636
                         67               01  FB 00124          CALLS   #1, MEMORY_DISPLAY                       :
                                              04 00127          RET                                              : 0527
                         04               52  D1 00128 14$:     CMPL    R2, #4                                   : 0639
                                          07  12 0012B          BNEQ    15$                                      :
                                  04      AC  DD 0012D          PUSHL   LSTLUN                                   : 0644
                         68               01  FB 00130          CALLS   #1, ENTRY_SUMMARY_OUTPUT                 :
                                              04 00133          RET                                              : 0527
                         09               52  D1 00134 15$:     CMPL    R2, #9                                   : 0647
                                          05  12 00137          BNEQ    16$                                      :
                                  04      AC  DD 00139          PUSHL   LSTLUN                                   : 0652
                                          1F  11 0013C          BRB     18$                                      :
                         01               52  D1 0013E 16$:     CMPL    R2, #1                                   : 0655
                                          21  12 00141 17$:     BNEQ    19$                                      :
                         52       04      AC  D0 00143          MOVL    LSTLUN, R2                               : 0660
                                          52  DD 00147          PUSHL   R2                                       :
                         65               01  FB 00149          CALLS   #1, DISPLAY_ROLLUP                       :
                                          52  DD 0014C          PUSHL   R2                                       : 0661
                         66               01  FB 0014E          CALLS   #1, LABEL_OUT                            :
                                          52  DD 00151          PUSHL   R2                                       : 0662
                         67               01  FB 00153          CALLS   #1, MEMORY_DISPLAY                       :
                                          52  DD 00156          PUSHL   R2                                       : 0663
                         68               01  FB 00158          CALLS   #1, ENTRY_SUMMARY_OUTPUT                 :
                                          52  DD 0015B          PUSHL   R2                                       : 0664
              00000000G  00               01  FB 0015D 18$:     CALLS   #1, PROCESSED_ENTRIES_HISTO_OUTPUT       :
                                              04 00164 19$:     RET                                              : 0673

; Routine Size:  357 bytes,    Routine Base:  $CODE + 0000


;   260          0674  1
;   261          0675  1 End     ! Module
;   262          0676  0 ELUDOM




;                                        PSECT SUMMARY
;
;       Name                         Bytes                        Attributes
;
;   EMB                                  4  NOVEC,  WRT,  RD ,NOEXE,  SHR,  GBL,  REL,  OVR,  PIC,ALIGN(2)
;   $OWN$                               16  NOVEC,  WRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
;   SYECOM                               4  NOVEC,  WRT,  RD ,NOEXE,  SHR,  GBL,  REL,  OVR,  PIC,ALIGN(2)
;   $CODE                              357  NOVEC,NOWRT,  RD ,  EXE,NOSHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
;                                    Library Statistics
;
;                                                   -------- Symbols --------         Pages         Processing
;         File                                      Total     Loaded   Percent        Mapped        Time
;
;  _$255$DUA28:[SYSLIB]LIB.L32;1                    18619        42          0        1000            00:02.0




;                                           COMMAND QUALIFIERS

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

; Size:          357 code + 24 data bytes
; Run Time:         00:10.7
; Elapsed Time:     00:24.9
; Lines/CPU Min:     3776
; Lexemes/CPU-Min: 22134
; Memory Used:  138 pages
; Compilation Complete
```

0149 AH-BT13A-SE
VAX/VMS V4.0

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