```
RRRRRRRRRRR       UUU        UUU  NNN         NNN    000000000      FFFFFFFFFFFFFF    FFFFFFFFFFFFFF
RRRRRRRRRRR       UUU        UUU  NNN         NNN    000000000      FFFFFFFFFFFFFF    FFFFFFFFFFFFFF
RRRRRRRRRRR       UUU        UUU  NNN         NNN    000000000      FFFFFFFFFFFFFF    FFFFFFFFFFFFFF
RRR       RRR     UUU        UUU  NNN         NNN    000       000   FFF               FFF
RRR       RRR     UUU        UUU  NNN         NNN    000       000   FFF               FFF
RRR       RRR     UUU        UUU  NNN         NNN    000       000   FFF               FFF
RRR       RRR     UUU        UUU  NNNNNN      NNN    000       000   FFF               FFF
RRR       RRR     UUU        UUU  NNNNNN      NNN    000       000   FFF               FFF
RRR       RRR     UUU        UUU  NNNNNN      NNN    000       000   FFF               FFF
RRRRRRRRRRR       UUU        UUU  NNN   NNN   NNN    000       000   FFFFFFFFFFF       FFFFFFFFFFF
RRRRRRRRRRR       UUU        UUU  NNN   NNN   NNN    000       000   FFFFFFFFFFF       FFFFFFFFFFF
RRRRRRRRRRR       UUU        UUU  NNN   NNN   NNN    000       000   FFFFFFFFFFF       FFFFFFFFFFF
RRR  RRR          UUU        UUU  NNN    NNNNNN      000       000   FFF               FFF
RRR    RRR        UUU        UUU  NNN    NNNNNN      000       000   FFF               FFF
RRR    RRR        UUU        UUU  NNN    NNNNNN      000       030   FFF               FFF
RRR      RRR      UUU        UUU  NNN         NNN    000       000   FFF               FFF
RRR      RRR      UUU        UUU  NNN         NNN    000       000   FFF               FFF
RRR      RRR      UUU        UUU  NNN         NNN    000       000   FFF               FFF
RRR        RRR    UUUUUUUUUUUUUU  NNN         NNN    000000000      FFF               FFF
RRR        RRR    UUUUUUUUUUUUUU  NNN         NNN    000000000      FFF               FFF
RRR        RRR    UUUUUUUUUUUUUU  NNN         NNN    000000000      FFF               FFF
```

```
PPPPPPPP      AAAAAA      GGGGGGGG  EEEEEEEEEEE
PPPPPPPP      AAAAAA      GGGGGGGG  EEEEEEEEEEE
PP      PP   AA      AA   GG         EE
PP      PP   AA      AA   GG         EE
PP      PP   AA      AA   GG         EE
PP      PP   AA      AA   GG         EE
PPPPPPPP    AA      AA   GG         EEEEEEEE
PPPPPPPP    AA      AA   GG         EEEEEEEE
PP          AAAAAAAAAA  GG  GGGGGG  EE
PP          AAAAAAAAAA  GG  GGGGGG  EE
PP          AA      AA  GG      GG  EE              ....
PP          AA      AA  GG      GG  EE              ....
PP          AA      AA   GGGGGG   EEEEEEEEEEE       ....
PP          AA      AA   GGGGGG   EEEEEEEEEEE       ....


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
```
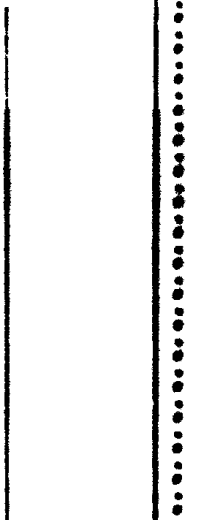
```
   1     0001  0 %TITLE 'Processes .PS, .LM, and .RM directives'
   2     0002  0 MODULE PAGE (    IDENT = 'V04-000'
   3   P 0003  0                  %BLISS32[, ADDRESSING_MODE (EXTERNAL     = long_relative,
   4     0004  0                                              NONEXTERNAL = long_relative)]
   5     0005  0                  ) =
   6     0006  1 BEGIN
   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.    *
  12     0012  1 !*    ALL RIGHTS RESERVED.                                      *
  13     0013  1 !*                                                              *
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  17     0017  1 !*    COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY  *
  18     0018  1 !*    OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY  *
  19     0019  1 !*    TRANSFERRED.                                              *
  20     0020  1 !*                                                              *
  21     0021  1 !*    THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE  *
  22     0022  1 !*    AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT  *
  23     0023  1 !*    CORPORATION.                                              *
  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 ! FACILITY:        DSR (Digital Standard RUNOFF) / DSRPLUS
  33     0033  1 !
  34     0034  1 ! ABSTRACT:
  35     0035  1 !
  36     0036  1 !       Processes .PAGE SIZE, .LEFT MARGIN, and .RIGHT MARGIN commands.
  37     0037  1 !
  38     0038  1 ! ENVIRONMENT: Transportable
  39     0039  1 !
  40     0040  1 ! AUTHOR:        R.W.Friday      CREATION DATE:  June, 1978
  41     0041  1 !
```

PAGE
V04-000

D 2
Processes .PS, .LM, and .RM directives   16-Sep-1984 01:25:25   VAX-11 Bliss-32 V4.0-742   Page 2
Revision History   14-Sep-1984 13:07:38   DISK$VMSMASTER:[RUNOFF.SRC]PAGE.BLI;1   (2)

PA
VO

```
    43      0042  1 %SBTTL 'Revision History'
    44      0043  1 !
    45      0044  1 ! MODIFIED BY:
    46      0045  1 !
    47      0046  1 !     008     KFA00008        Ken Aiden        06-Jul-1983
    48      0047  1 !             When GETNUM does not receive a value for .RM, the
    49      0048  1 !             right margin will now get set to 70 (default).
    50      0049  1 !
    51      0050  1 !     007     REM00007        Ray Marshall    20-April-1983
    52      0051  1 !             Retrofit decoupling of page size and right margin that was
    53      0052  1 !             done for DSRPLUS to now be in affect for DSR.
    54      0053  1 !
    55      0054  1 !     006     KAD00006        Keith Dawson    07-Mar-1983
    56      0055  1 !             Global edit of all modules. Updated module names, idents,
    57      0056  1 !             copyright dates. Changed require files to BLISS library.
    58      0057  1 !
    59      0058  1 !--
```

```
   61        0059  1 %SBTTL 'Module Level Declarations'
   62        0060  1 !
   63        0061  1 ! TABLE OF CONTENTS:
   64        0062  1 !
   65        0063  1 ! INCLUDE FILES:
   66        0064  1 !
   67        0065  1
   68        0066  1 LIBRARY 'NXPORT:XPORT';              ! XPORT Library
   69        0067  1 REQUIRE 'REQ:RNODEF';                ! RUNOFF variant definitions
   70        0198  1
   71      U 0199  1 %IF DSRPLUS %THEN
   72      U 0200  1 LIBRARY 'REQ:DPLLIB';                ! DSRPLUS BLISS Library
   73        0201  1 %ELSE
   74        0202  1 LIBRARY 'REQ:DSRLIB';                ! DSR BLISS Library
   75        0203  1 %FI
   76        0204  1
   77        0205  1 !
   78        0206  1 ! EXTERNAL REFERENCES:
   79        0207  1 !
   80        0208  1 EXTERNAL
   81        0209  1     gca           : gca_definition,
   82        0210  1     ira           : fixed_string,
   83        0211  1     nmlst         : number_list,
   84        0212  1     numprm        : numprm_define,
   85        0213  1     phan          : phan_definition,
   86        0214  1     sca           : sca_definition;
   87        0215  1
   88        0216  1 EXTERNAL LITERAL
   89        0217  1     rnfbms,
   90        0218  1     rnfinm;
   91        0219  1
   92        0220  1 EXTERNAL ROUTINE
   93        0221  1     erma,
   94        0222  1     glnm;
   95        0223  1
   96        0224  1 !
   97        0225  1 ! OWN STORAGE:
   98        0226  1 !
   99        0227  1 OWN
  100        0228  1     rm_temp : INITIAL (0);
  101        0229  1
```

```
103   0230  1  GLOBAL ROUTINE page (handler_code) : NOVALUE =
104   0231  1
105   0232  1  !++
106   0233  1  ! FUNCTIONAL DESCRIPTION:
107   0234  1  !
108   0235  1  !       See the ABSTRACT, above.
109   0236  1  !
110   0237  1  ! FORMAL PARAMETERS:
111   0238  1  !
112   0239  1  !       handler_code - indicates which command is to be processed.
113   0240  1  !
114   0241  1  ! IMPLICIT INPUTS:
115   0242  1  !
116   0243  1  !       numprm - contains a number as processed by getnum.
117   0244  1  !
118   0245  1  ! IMPLICIT OUTPUTS:      None
119   0246  1  !
120   0247  1  ! ROUTINE VALUE:
121   0248  1  ! COMPLETION CODES:      None
122   0249  1  !
123   0250  1  ! SIDE EFFECTS:          None
124   0251  1  !--
125   0252  1
126   0253  2     BEGIN
127   0254  2
128   0255  2     SELECT .handler_code OF
129   0256  2         SET
130   0257  2
131   0258  2         [h_right_margin, h_left_margin] :
132   0259  2             IF NOT .num_result
133   0260  2             THEN
134   0261  2                 !
135   0262  2                 ! Ignore command if number is in error.
136   0263  2                 !
137   0264  2                 RETURN;
138   0265  2
139   0266  2         [h_right_margin] :
140   0267  3             BEGIN
141   0268  3
142   0269  3             IF .num_sign NEQ 0
143   0270  3             THEN
144   0271  3                 !
145   0272  3                 ! Adjust existing margin, + or -.
146   0273  3                 !
147   0274  4                 BEGIN
148   0275  4                 !
149   0276  4                 ! Save adjustment value if it is positive.
150   0277  4                 ! Otherwise, reset it to 0.
151   0278  4                 !
152   0279  4                 IF .num_value GTR 0
153   0280  4                 THEN
154   0281  4                     rm_temp = .num_value
155   0282  4                 ELSE
156   0283  4                     rm_temp = 0;
157   0284  4
158   0285  4                 num_value = .num_value + .sca_rm;
159   0286  3                 END;
```

```
160    0287   3                    IF .num_length EQL 0
161    0288   3                    THEN
162    0289   3                        BEGIN
163    0290   4                        sca_rm = 70;      !Current default 6-Jul-1983  [KFA]
164    0291   4                        RETURN;
165    0292   4                        END;
166    0293   3
167    0294   3
168    0295   3
169    0296   3                    ! Right margin is not unlimited.
170    0297   3                    !
171    0298   4                    IF (.num_value LEQ .sca_lm) OR (.num_value GTR 150)
172    0299   3                    THEN
173    0300   4                        BEGIN
174    0301   4                        !
175    0302   4                        ! Bad margin.
176    0303   4                        !
177    0304   4                        erma (rnfbms, false);
178    0305   4                        RETURN;
179    0306   4                        END
180    0307   3                    ELSE
181    0308   3                        sca_rm = .num_value;
182    0309   3
183    0310   2                    END;
184    0311   2                               .
185    0312   2                [h_left_margin] :
186    0313   3                    BEGIN
187    0314   3
188    0315   3                    IF .num_sign NEQ 0
189    0316   3                    THEN
190    0317   3                        !
191    0318   3                        ! Adjust existing margin, + or -.
192    0319   3                        !
193    0320   3                        num_value = .num_value + .sca_lm;
194    0321   3
195    0322   3                    IF .num_value GEQ .sca_rm
196    0323   3                    THEN
197    0324   3                        !
198    0325   3                        ! Bad margin.
199    0326   3                        !
200    0327   4                        BEGIN
201    0328   4                        erma (rnfbms, false);
202    0329   4                        RETURN;
203    0330   4                        END
204    0331   3                    ELSE
205    0332   3                        sca_lm = .num_value;
206    0333   3
207    0334   2                    END;
208    0335   2
209    0336   2                [h_page_size] :
210    0337   3                    BEGIN
211    0338   3                    !
212    0339   3                    ! Turn on paging unless /NOPAGING.
213    0340   3                    !
214    0341   3                    phan_paging = .phan_cmd_paging;
215    0342   3                    !
216    0343   3                    ! Get parameters.
```

```
217   0344  3             !
218   0345  3             glnm (2);
219   0346  3
220   0347  3             IF .nmlst_count GEQ 1
221   0348  3             THEN
222   0349  4                 BEGIN
223   0350  4                 !
224   0351  4                 ! First parameter defines lines per page.
225   0352  4                 !
226   0353  4                 CASE .nmlst_descr (1) FROM 0 TO 4 OF
227   0354  4                     SET
228   0355  4
229   0356  4                     [nm_bad, nm_null] :
230   0357  4                         !
231   0358  4                         ! Use current value if input was bad or not supplied.
232   0359  4                         !
233   0360  4                         nmlst_value (1) = .phan_llines;
234   0361  4
235   0362  4                     [nm_plus, nm_minus] :
236   0363  4                         !
237   0364  4                         ! Adjust value if adjustment was specified, + or -.
238   0365  4                         !
239   0366  4                         nmlst_value (1) = .nmlst_value (1) + .phan_llines;
240   0367  4
241   0368  4                     [nm_unsigned] :
242   0369  4                         !
243   0370  4                         ! Nothing to do if an unsigned number.
244   0371  4                         !
245   0372  4                         0;
246   0373  4
247   0374  4                     TES;
248   0375  4
249   0376  4                 IF .nmlst_value (1) LSS phan_min_page_length
250   0377  4                 THEN
251   0378  4                     !
252   0379  4                     ! Page is too short.
253   0380  4                     !
254   0381  4                     erma (rnfinm, false)
255   0382  4                 ELSE
256   0383  4                     !
257   0384  4                     ! Set new page length.
258   0385  4                     !
259   0386  4                     phan_llines = .nmlst_value (1);
260   0387  4
261   0388  3                 END;
262   0389  3             !
263   0390  3             ! Process page width, if supplied.
264   0391  3             !
265   0392  3             IF .nmlst_count GEQ 2
266   0393  3             THEN
267   0394  4                 BEGIN
268   0395  4                 !
269   0396  4                 ! Second parameter defines page width.
270   0397  4                 !
271   0398  4                 CASE .nmlst_descr (2) FROM 0 TO 4 OF
272   0399  4                     SET
273   0400  4
```

```
274    0401  4              [nm_bad, nm_null] :
275    0402  4
276    0403  4                  ! Use current value if input was bad or not supplied.
277    0404  4
278    0405  4                  nmlst_value (2) = .gca_lwidth;
279    0406  4
280    0407  4              [nm_plus] :
281    0408  4
282    0409  4                  ! Increase page width.
283    0410  4
284    0411  4                  nmlst_value (2) = .nmlst_value (2) + .gca_lwidth;
285    0412  4
286    0413  4              [nm_minus] :
287    0414  4
288    0415  4                  ! Decrease page width or right margin.
289    0416  4
290    0417  5                  BEGIN
291    0418  5
292    0419  5                  ! See if adjustment value is same as saved value.
293    0420  5
294    0421  5                  IF .rm_temp + .nmlst_value (2) EQL 0
295    0422  5                  THEN
296    0423  5
297    0424  5                      ! If so, use it to pull in the right margin only.
298    0425  5
299    0426  6                      BEGIN
300    0427  6                      sca_rm = .sca_rm + .nmlst_value (2);
301    0428  6
302    0429  6                      ! Do not change setting of page width.
303    0430  6
304    0431  6                      nmlst_value (2) = .gca_lwidth;
305    0432  6
306    0433  6                      ! Reset saved value to zero.
307    0434  6
308    0435  6                      rm_temp = 0;
309    0436  6                      END
310    0437  5                  ELSE
311    0438  5
312    0439  5                      ! Decrease page width.
313    0440  5
314    0441  5                      nmlst_value (2) = .nmlst_value (2) + .gca_lwidth;
315    0442  5
316    0443  4                  END;
317    0444  4
318    0445  4              [nm_unsigned] :
319    0446  4
320    0447  4                  ! Nothing to do if just a number.
321    0448  4
322    0449  4                  0;
323    0450  4
324    0451  4              TES;
325    0452  4
326    0453  4          IF .nmlst_value (2) GTR 150
327    0454  4          THEN
328    0455  4
329    0456  4              ! Bad margin specification.
330    0457  4
```

PAGE
V04-000

Processes .PS, .LM, and .RM directives
Module Level Declarations

J 2
16-Sep-1984 01:25:25
14-Sep-1984 13:07:38

VAX-11 Bliss-32 V4.0-742   Page   8
DISK$VMSMASTER:[RUNOFF.SRC]PAGE.BLI;1   (4)

PAi
V0

```
:  331      0458  4                        erma (rnfbms, false)
:  332      0459  4                ELSE
:  333      0460  4                    gca_lwidth = .nmlst_value (2);
:  334      0461  4
:  335      0462  3                END;
:  336      0463  2            END;
:  337      0464  2        TES;
:  338      0465  1    END;                                        ! End of PAGE


                                                        .TITLE   PAGE Processes .PS, .LM, and .RM directives
                                                        .IDENT   \V04-000\

                                                        .PSECT   $OWN$,NOEXE,2

                              00000000   00000 RM_TEMP:.LONG    0

                                                        .EXTRN   GCA, IRA, NMLST
                                                        .EXTRN   NUMPRM, PHAN, SCA
                                                        .EXTRN   RNFBMS, RNFINM, ERMA
                                                        .EXTRN   GLNM

                                                        .PSECT   $CODE$,NOWRT,2

                                    03FC 00000          .ENTRY   PAGE, Save R2,R3,R4,R5,R6,R7,R8,R9      : 0230
                    59 00000000G EF   9E 00002          MOVAB    ERMA, R9
                    58 00000000G EF   9E 00009          MOVAB    GCA+140, R8
                    57 00000000' EF   9E 00010          MOVAB    RM_TEMP, R7
                    56 00000000G EF   9E 00017          MOVAB    PHAN+4, R6
                    55 00000000G EF   9E 0001E          MOVAB    SCA+120, R5
                    54 00000000G EF   9E 00025          MOVAB    NUMPRM+4, R4
                    53 00000000G EF   9E 0002C          MOVAB    NMLST+8, R3
                                52      04 AC D0 00033   MOVL     HANDLER_CODE, R2            : 0255
        0000006D 8F             52         D1 00037      CMPL     R2, #109                   : 0258
                                09         13 0003E      BEQL     1$
        000000B1 8F             52         D1 00040      CMPL     R2, #177
                                05         12 00047      BNEQ     2$
                    01       FC A4         E8 00049 1$:  BLBS     NUMPRM, 2$                  : 0259
                                04            0004D      RET
        000000B1 8F             52         D1 0004E 2$:  CMPL     R2, #177                    : 0266
                                39         12 00055      BNEQ     9$
                             04 A4         D5 00057      TSTL     NUMPRM+8                    : 0269
                                10         13 0005A      BEQL     5$
                    50          64         D0 0005C      MOVL     NUMPRM+4, R0               : 0279
                                05         15 0005F      BLEQ     3$
                    67          50         D0 00061      MOVL     R0, RM_TEMP                : 0281
                                02         11 00064      BRB      4$
                                67         D4 00066 3$:  CLRL     RM_TEMP                    : 0283
                    64          00         B5 C0 00068 4$: ADDL2   a$CA+120, NUMPRM+4        : 0285
                                08 A4      D5 0006C 5$:  TSTL     NUMPRM+12                  : 0288
                                06         12 0006F      BNEQ     6$
                 00 B5          46 8F      9A 00071      MOVZBL   #70, a$CA+120             : 0291
                                04            00076      RET                                : 0290
                    50          64         D0 00077 6$:  MOVL     NUMPRM+4, R0              : 0298
                 FC B5          50         D1 0007A      CMPL     R0, a$CA+116
                                03         14 0007E      BGTR     8$
                             00B5 31 00080 7$:  BRW      24$
```

0230
0255
0258
0259
0266
0269
0279
0281
0283
0285
0288
0291
0290
0298

```
                    00000096   8F          50  D1  00083  8$:     CMPL    R0, #150
                                           F4  14  0008A          BGTR    7$
                            00  B5          50  D0  0008C          MOVL    R0, @SCA+120                          : 0308
                    0000006D   8F          52  D1  00090  9$:     CMPL    R2, #109                              : 0312
                                           13  12  00097          BNEQ    11$
                                    04     A4  D5  00099          TSTL    NUMPRM+8                              : 0315
                                    04     13  0009C          BEQL    10$
                            64     FC  B5  C0  0009E          ADDL2   @SCA+116, NUMPRM+4                     : 0320
                            00  B5          64  D1  000A2  10$:    CMPL    NUMPRM+4, @SCA+120                     : 0322
                                           D8  18  000A6          BGEQ    7$
                            FC  B5          64  D0  000A8          MOVL    NUMPRM+4, @SCA+116                     : 0332
                    000000A8   8F          52  D1  000AC  11$:    CMPL    R2, #168                              : 0336
                                           01  13  000B3          BEQL    12$
                                           04  000B5          RET
                            24  B6          28  A6  D0  000B6  12$:    MOVL    PHAN+44, @PHAN+40                      : 0341
                                           02  DD  000BB          PUSHL   #2                                    : 0345
                    00000000G  EF          01  FB  000BD          CALLS   #1, GLNM
                                    F8     A3  D5  000C4          TSTL    NMLST                                 : 0347
                                           34  15  000C7          BLEQ    18$
                    04          00  009C   C3  CF  000C9          CASEL   NMLST+164, #0, #4                     : 0353
        0011          0011          0016   000A      000CF  13$:    .WORD   14$-13$,-
                                           000A      000D7          16$-13$,-
                                                                    15$-13$,-
                                                                    15$-13$,-
                                                                    14$-13$
                            FC  A3          00  B6  D0  000D9  14$:    MOVL    @PHAN+4, NMLST+4                      : 0360
                                           05  11  000DE          BRB     16$
                            FC  A3          00  B6  C0  000E0  15$:    ADDL2   @PHAN+4, NMLST+4                      : 0366
                                    0D     FC  A3  D1  000E5  16$:    CMPL    NMLST+4, #13                         : 0376
                                           0D  18  000E9          BGEQ    17$
                                           7E  D4  000EB          CLRL    -(SP)
                    00000000G  8F          DD  000ED          PUSHL   #RNFINM                               : 0381
                                    69     02  FB  000F3          CALLS   #2, ERMA
                                           05  11  000F6          BRB     18$
                            00  B6          FC  A3  D0  000F8  17$:    MOVL    NMLST+4, @PHAN+4                      : 0386
                                    02     F8  A3  D1  000FD  18$:    CMPL    NMLST, #2                            : 0392
                                           45  19  00101          BLSS    26$
                    04          00  00A0   C3  CF  00103          CASEL   NMLST+168, #0, #4                     : 0398
        0010          0022          0026   000A      00109  19$:    .WORD   20$-19$,-
                                           000A      00111          23$-19$,-
                                                                    22$-19$,-
                                                                    21$-19$,-
                                                                    20$-19$
                            63          00  B8  D0  00113  20$:    MOVL    @GCA+140, NMLST+8                     : 0405
                                           16  11  00117          BRB     23$
                            50          67  63  C1  00119  21$:    ADDL3   NMLST+8, RM_TEMP, R0                 : 0421
                                           0C  12  0011D          BNEQ    22$
                            00  B5          63  C0  0011F          ADDL2   NMLST+8, @SCA+120                     : 0427
                            63          00  B8  D0  00123          MOVL    @GCA+140, NMLST+8                     : 0431
                                           67  D4  00127          CLRL    RM_TEMP                               : 0435
                                           04  11  00129          BRB     23$                                   : 0421
                            63          00  B8  C0  0012B  22$:    ADDL2   @GCA+140, NMLST+8                     : 0441
                    00000096   8F          63  D1  0012F  23$:    CMPL    NMLST+8, #150                         : 0453
                                           0C  15  00136          BLEQ    25$
                                           7E  D4  00138  24$:    CLRL    -(SP)                                 : 0458
                    00000000G  8F          DD  0013A          PUSHL   #RNFBMS
                                    69     02  FB  00140          CALLS   #2, ERMA
```

```
                                          04 00143             RET
                      00    B8          63 DO 00144 25$:       MOVL      NMLST+8, aGCA+140                    ; 0460
                                          04 00148 26$:        RET                                           ; 0465
```

; Routine Size: 329 bytes,   Routine Base: $CODE$ + 0000


```
;  339          0466  1
;  340          0467  1 END                                         ! End of module
;  341          0468  0 ELUDOM
```


                              PSECT SUMMARY

;
;   Name   Bytes   Attributes
;
; OWN 4   NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
; $CODE$ 329   NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

                        Library Statistics

;   -------- Symbols --------   Pages   Processing
;   File   Total   Loaded   Percent   Mapped   Time
;
; _255DUA28:[SYSLIB]XPORT.L32;1   590   0   0   252   00:00.1
; _255DUA28:[RUNOFF.SRC]DSRLIB.L32;1 1248   34   2   86   00:00.3

                          COMMAND QUALIFIERS

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

; Size: 329 code + 4 data bytes
; Run Time: 00:08.4
; Elapsed Time: 00:23.9
; Lines/CPU Min: 3362
; Lexemes/CPU-Min: 23216
; Memory Used: 85 pages
; Compilation Complete

PAGE
LIS

PERMUTE
LIS

PAGCMB
LIS

PANPA
LIS

RCS
LIS

POOL
LIS

RINIT
LIS

PERIOD
LIS

PUS
LIS

PUTNDX
LIS

PARSEP
LIS

PUTOC
LIS

REQUIR
LIS

PAGMRG
LIS

PARAG
LIS

REPEAT
LIS