```
RRRRRRRRRRR      UUU          UUU  NNN         NNN     000000000     FFFFFFFFFFFFFFF   FFFFFFFFFFFFFFF
RRRRRRRRRRRR     UUU          UUU  NNN         NNN     000000000     FFFFFFFFFFFFFFF   FFFFFFFFFFFFFFF
RRRRRRRRRRRR     UUU          UUU  NNN         NNN     000000000     FFFFFFFFFFFFFFF   FFFFFFFFFFFFFFF
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
RRRRRRRRRRRR     UUU          UUU  NNN   NNN   NNN  000          000 FFFFFFFFFFF       FFFFFFFFFFF
RRRRRRRRRRRR     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          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  NNN          NNN 000          000 FFF               FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN          NNN    000000000     FFF               FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN          NNN    000000000     FFF               FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN          NNN    000000000     FFF               FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN          NNN    000000000     FFF               FFF
RRR         RRR  UUUUUUUUUUUUUUU  NNN          NNN    000000000     FFF               FFF
```

```
_$2

Sym
---
NDX
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PER
PUT
RCO
RIN

RLI
RNO
RNO
RTY
SAV
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FILEID**TITLES

TIT
V04

```
TTTTTTTTTT    IIIIII    TTTTTTTTTT  LL          EEEEEEEEEE    SSSSSSSS
TTTTTTTTTT    IIIIII    TTTTTTTTTT  LL          EEEEEEEEEE    SSSSSSSS
    TT          II          TT      LL          EE          SS
    TT          II          TT      LL          EE          SS
    TT          II          TT      LL          EE          SS
    TT          II          TT      LL          EE          SS
    TT          II          TT      LL          EEEEEEEE      SSSSSS
    TT          II          TT      LL          EEEEEEEE      SSSSSS
    TT          II          TT      LL          EE                  SS
    TT          II          TT      LL          EE                  SS
    TT          II          TT      LL          EE                  SS      ....
    TT          II          TT      LL          EE                  SS      ....
    TT        IIIIII        TT      LLLLLLLLLL  EEEEEEEEEE  SSSSSSSS        ....
    TT        IIIIII        TT      LLLLLLLLLL  EEEEEEEEEE  SSSSSSSS        ....

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 'Process most directives related to document titles.'
;  2          0002  0 MODULE TITLES (
;  3          0003  0                 IDENT = 'V04-000'
;  4        P 0004  0 %BLISS32[,
;  5        P 0005  0         ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE,NONEXTERNAL=LONG_RELATIVE)
;  6          0006  0         ]
;  7          0007  0                 ) =
;  8          0008  1 BEGIN
;  9          0009  1 !
; 10          0010  1 !*************************************************************************
; 11          0011  1 !*                                                                       *
; 12          0012  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                              *
; 13          0013  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.               *
; 14          0014  1 !*  ALL RIGHTS RESERVED.                                                 *
; 15          0015  1 !*                                                                       *
; 16          0016  1 !*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED  *
; 17          0017  1 !*  ONLY IN  ACCORDANCE WITH  THE  TERMS  OF  SUCH  LICENSE  AND WITH THE  *
; 18          0018  1 !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER  *
; 19          0019  1 !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY  *
; 20          0020  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY  *
; 21          0021  1 !*  TRANSFERRED.                                                          *
; 22          0022  1 !*                                                                       *
; 23          0023  1 !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE  *
; 24          0024  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT  *
; 25          0025  1 !*  CORPORATION.                                                          *
; 26          0026  1 !*                                                                       *
; 27          0027  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS  *
; 28          0028  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.               *
; 29          0029  1 !*                                                                       *
; 30          0030  1 !*                                                                       *
; 31          0031  1 !*************************************************************************
; 32          0032  1 !
; 33          0033  1 !++
; 34          0034  1 ! FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS
; 35          0035  1 !
; 36          0036  1 ! ABSTRACT: Processes the following commands:
; 37          0037  1 !                   .TITLE           .SUBTITLE                .NO SUBTITLE
; 38          0038  1 !                   .AUTOSUBTITLE    .NO AUTOSUBTITLE         .DATE
; 39          0039  1 !                   .NO DATE         .HEADERS LOWER           .HEADERS ON
; 40          0040  1 !                   .HEADERS UPPER   .HEADERS MIXED           .NO NUMBER
; 41          0041  1 !                   .FIRST TITLE     .FIRST TITLE ALWAYS      .NO HEADERS
; 42          0042  1 !                   .AUTOTITLE       .NO AUTOTITLE
; 43          0043  1 !
; 44          0044  1 !             Also called by HL to handle header level 1's when .AUTOSUBTITLE
; 45          0045  1 !             is in effect.
; 46          0046  1 !
; 47          0047  1 !
; 48          0048  1 ! ENVIRONMENT: Transportable
; 49          0049  1 !
; 50          0050  1 ! AUTHOR: R.W.Friday     CREATION DATE: July, 1978
; 51          0051  1 !
```

```
;    53          0052  1 %SBTTL 'Revision History'
;    54          0053  1 !
;    55          0054  1 ! MODIFIED BY:
;    56          0055  1 !
;    57          0056  1 !       013     KFA00013        Ken Alden       22-Mar-1983
;    58          0057  1 !               MAde adjustments to make SAVE/RESTORE visible to DSR.
;    59          0058  1 !
;    60          0059  1 !       012     KAD00012        Keith Dawson    17-Mar-1983
;    61          0060  1 !               Fixed module name (was TITLE, now TITLES).
;    62          0061  1 !
;    63          0062  1 !       011     REM00011        Ray Marshall    07-Mar-1983
;    64          0063  1 !               Global edit of all modules. Updated module names, idents,
;    65          0064  1 !               copyright dates. Changed require files to BLISS library.
;    66          0065  1 !
;    67          0066  1 !--
```

```
;    69          0067  1 %SBTTL 'Module Level Declarations'
;    70          0068  1 !
;    71          0069  1 ! TABLE OF CONTENTS:
;    72          0070  1 !
;    73          0071  1 !
;    74          0072  1 ! INCLUDE FILES:
;    75          0073  1 !
;    76          0074  1
;    77          0075  1 LIBRARY 'NXPORT:XPORT';                 ! XPORT Library
;    78          0076  1 REQUIRE 'REQ:RNODEF';                   ! RUNOFF variant definitions
;    79          0207  1
;    80        U 0208  1 %IF DSRPLUS %THEN
;    81        U 0209  1 LIBRARY 'REQ:DPLLIB';                 ! DSRPLUS BLISS Library
;    82          0210  1 %ELSE
;    83          0211  1 LIBRARY 'REQ:DSRLIB';                 ! DSR BLISS Library
;    84          0212  1 %FI
;    85          0213  1
;    86          0214  1 !
;    87          0215  1 ! MACROS:
;    88          0216  1 !
;    89          0217  1 !
;    90          0218  1 ! EQUATED SYMBOLS:
;    91          0219  1 !
;    92          0220  1
;    93          0221  1 EXTERNAL LITERAL
;    94          0222  1     RINTES : UNSIGNED (8);
;    95          0223  1
;    96          0224  1 !
;    97          0225  1 ! OWN STORAGE:
;    98          0226  1 !
;    99          0227  1 OWN
;   100          0228  1     PP_SCA : $H_R_SCA_BLOCK;     !Used in PUSH_SCA, POP_SCA macros (defined in SCA.REQ).
;   101          0229  1 !
;   102          0230  1 ! EXTERNAL REFERENCES:
;   103          0231  1 !
;   104          0232  1
;   105          0233  1 EXTERNAL
;   106          0234  1     FLGT : FLAG_TABLE,
;   107          0235  1     GCA : GCA_DEFINITION,
;   108          0236  1     HCT : HCT_DEFINITION,
;   109          0237  1     IRA : FIXED_STRING,
;   110          0238  1     KHAR,
;   111          0239  1     MRA : REF FIXED_STRING,
;   112          0240  1     NUMPRM : NUMPRM_DEFINE,
;   113          0241  1     PAGEN : PAGE_DEFINITION,
;   114          0242  1     NPAGEN : PAGE_DEFINITION,
;   115          0243  1     PHAN : PHAN_DEFINITION,
;   116          0244  1     SBTMRA : FIXED_STRING,
;   117          0245  1     SBTTSF : VECTOR,
;   118          0246  1     SCA : SCA_DEFINITION,
;   119          0247  1     TTABLE : COUNTED_LIST,
;   120          0248  1     TITMRA : FIXED_STRING,
;   121          0249  1     TITTSF : VECTOR,
;   122          0250  1     TSF : TSF_DEFINITION;
;   123          0251  1
;   124          0252  1 EXTERNAL LITERAL                     !Error messages
;   125          0253  1     RNFTTL;
```

```
;  126          0254  1
;  127          0255  1 EXTERNAL ROUTINE
;  128          0256  1     ERMA,
;  129          0257  1     ENDWRD,
;  130          0258  1     RSKIPS,
;  131          0259  1     SCANT;
;  132          0260  1
```

```
;  134     0261  1 %SBTTL 'TITLES  --'
;  135     0262  1 GLOBAL ROUTINE titles (handler_code) : NOVALUE =
;  136     0263  1
;  137     0264  1 !++
;  138     0265  1 ! FUNCTIONAL DESCRIPTION:
;  139     0266  1 !
;  140     0267  1 !       See the ABSTRACT, above.
;  141     0268  1 !
;  142     0269  1 ! FORMAL PARAMETERS:
;  143     0270  1 !
;  144     0271  1 !       Handler_code usually specifies which command is to be processed.
;  145     0272  1 !       However, if its value is -1 then this routine is being called
;  146     0273  1 !       by HL to process a header level 1.
;  147     0274  1 !
;  148     0275  1 ! IMPLICIT INPUTS:      None
;  149     0276  1 !
;  150     0277  1 ! IMPLICIT OUTPUTS:     None
;  151     0278  1 !
;  152     0279  1 ! ROUTINE VALUE:
;  153     0280  1 ! COMPLETION CODES:     None
;  154     0281  1 !
;  155     0282  1 ! SIDE EFFECTS:         None
;  156     0283  1 !
;  157     0284  1 !--
;  158     0285  1
;  159     0286  2     BEGIN
;  160     0287  2
;  161     0288  2     LOCAL
;  162     0289  2         FIRST_XTN,
;  163     0290  2         LAST_XTN,
;  164     0291  2         HOLD_INDENT,
;  165     0292  2         HOLD_MRA,
;  166     0293  2         HOLD_TAB_COUNT,
;  167     0294  2         HOLD_TSF,
;  168     0295  2         SCA_HOLD : SCA_DEFINITION;
;  169     0296  2
;  170     0297  2     SELECT .HANDLER_CODE OF
;  171     0298  2         SET
;  172     0299  2
;  173     0300  2         [H_AUTOSUBTITLE] :
;  174     0301  3             BEGIN
;  175     0302  3             !Ignore command if numeric parameter was bad
;  176     0303  3             IF  NOT .NUM_RESULT  THEN
;  177     0304  3                 RETURN;
;  178     0305  3
;  179     0306  3             IF  .NUM_SIGN  THEN
;  180     0307  3                 !User said .AUTOSUBTITLE +n or -n.
;  181     0308  3                 !Adjust last value, whatever it was.
;  182     0309  3                 NUM_VALUE = .GCA_MAX_ASTN + .NUM_VALUE
;  183     0310  3             ELSE
;  184     0311  3                 IF  .NUM_LENGTH EQL 0  THEN
;  185     0312  3                     !User said .AUTOSUBTITLE with no value, so recall last value.
;  186     0313  3                     NUM_VALUE = .GCA_MAX_ASTN;
;  187     0314  3
;  188     0315  3             !Now, the effective value has been computed, so just store it.
;  189     0316  3             GCA_AUTOSUBT = .NUM_VALUE;
;  190     0317  3             GCA_MAX_ASTN = .NUM_VALUE;          !Remember for .NO AUTOSUBTITLE.
```

```
;  191          0318  3              RETURN;
;  192          0319  2              END,
;  193          0320  2
;  194          0321  2          [H_NO_AUTOSUBTIT] :
;  195          0322  3              BEGIN
;  196          0323  3              GCA_AUTOSUBT = FALSE;
;  197          0324  3              RETURN;
;  198          0325  2              END;
;  199          0326  2
;  200        U 0327  2 %IF DSRPLUS %THEN
;  201        U 0328  2          [H_AUTOTITLE] :
;  202        U 0329  2              BEGIN
;  203        U 0330  2          !an Autotitle command has been hit.
;  204        U 0331  2          SCA_AUTOTITLE = TRUE;                   !Turn on Autotile.
;  205        U 0332  2             RETURN;
;  206        U 0333  2             END;
;  207        U 0334  2
;  208        U 0335  2          [H_NO_AUTOTITLE] :
;  209        U 0336  2             BEGIN
;  210        U 0337  2          !a No Autotitle command has been hit.
;  211        U 0338  2          SCA_AUTOTITLE = FALSE,                  !Turn off Autotitle.
;  212        U 0339  2             RETURN;
;  213        U 0340  2             END;
;  214          0341  2 %FI
;  215          0342  2          [H_DATE] :
;  216          0343  3              BEGIN
;  217          0344  3              HCT_DATE = TRUE;
;  218          0345  3              RETURN
;  219          0346  2              END;
;  220          0347  2
;  221          0348  2          [H_NO_DATE] :
;  222          0349  3              BEGIN
;  223          0350  3              HCT_DATE = FALSE;
;  224          0351  3              RETURN;
;  225          0352  2              END;
;  226          0353  2
;  227          0354  2          [H_NO_NUMBER] :
;  228          0355  3              BEGIN
;  229          0356  3              !Page numbering is turned off at the start of the next page, at the latest.
;  230          0357  3              HCT_NMPG_NP = FALSE;
;  231          0358  3              !At the top of the first page, or in the middle of a page, turn it
;  232          0359  3              !off immediately.
;  233          0360  3              IF   .PHAN_TOP_FIRST
;  234          0361  3                       OR
;  235          0362  3                  NOT .PHAN_TOP_PAGE
;  236          0363  3              THEN
;  237          0364  3                  HCT_NUMBER_PAGE = FALSE;
;  238          0365  3              RETURN;
;  239          0366  2              END;
;  240          0367  2
;  241          0368  2          [H_FIRST_TITLE] :
;  242          0369  3              BEGIN
;  243          0370  3              PHAN_HEADER = TRUE;                 !Force header for this page.
;  244          0371  3              RETURN;
;  245          0372  2              END;
;  246          0373  2
;  247          0374  2          [H_HEADERS_LOWER] :
```

```
;  248     0375  3            BEGIN
;  249     0376  3            HCT_HD_CASE = HCT_HD_LOWER;
;  250     0377  3            !Set up case rules for 'index'
;  251     0378  3            NPAGEN [SCT_INDEX_D] = TCONVRT_LET_LOW;
;  252     0379  3            IF  .PHAN_TOP_FIRST  THEN
;  253     0380  3                PAGEN [SCT_INDEX_D] = TCONVRT_LET_LOW;
;  254     0381  3            RETURN;
;  255     0382  2            END;
;  256     0383  2
;  257     0384  2        [H_HEADERS_ON] :
;  258     0385  3            BEGIN
;  259     0386  3            HCT_HEADERS = .PHAN_CMD_PAGING;     !Turn on headers if not /NOPAGING
;  260     0387  3            RETURN;
;  261     0388  2            END;
;  262     0389  2
;  263     0390  2        [H_HEADERS_MIXED] :
;  264     0391  3            BEGIN
;  265     0392  3            HCT_HD_CASE = HCT_HD_MIXED;
;  266     0393  3            !Set case rules for 'index' ==> 'Index'
;  267     0394  3            NPAGEN [SCT_INDEX_D] = TCONVRT_LET_MIX;
;  268     0395  3            IF  .PHAN_TOP_FIRST  THEN
;  269     0396  3                PAGEN [SCT_INDEX_D] = TCONVRT_LET_MIX;
;  270     0397  3            RETURN;
;  271     0398  2            END;
;  272     0399  2
;  273     0400  2        [H_HEADERS_UPPER] :
;  274     0401  3            BEGIN
;  275     0402  3            HCT_HD_CASE = HCT_HD_UPPER;
;  276     0403  3            !Set case rules for 'index' ==> 'INDEX'
;  277     0404  3            NPAGEN [SCT_INDEX_D] = TCONVRT_LET_UPP;
;  278     0405  3            IF  .PHAN_TOP_FIRST  THEN
;  279     0406  3                PAGEN [SCT_INDEX_D] = TCONVRT_LET_UPP;
;  280     0407  3            RETURN;
;  281     0408  2            END;
;  282     0409  2
;  283     0410  2        [H_NO_HEADERS] :
;  284     0411  3            BEGIN
;  285     0412  3            HCT_HEADERS = FALSE;
;  286     0413  3            RETURN;
;  287     0414  2            END;
;  288     0415  2
;  289   U 0416  2 %IF DSRPLUS %THEN
;  290   U 0417  2        [H_FIRST_TITLE_A] :                     !First title [always].
;  291   U 0418  2            BEGIN
;  292   U 0419  2            PHAN_HEADER = TRUE;                 !Force header for this page.
;  293   U 0420  2            HCT_TITLE_ALWAYS = TRUE;            !Print title on every page, including chapter pages.
;  294   U 0421  2            RETURN;
;  295   U 0422  2            END;
;  296     0423  2 %FI
;  297     0424  2
;  298     0425  2        [H_TITLE, -1, H_SUBTITLE] :
;  299     0426  3            BEGIN
;  300     0427  3            !Preliminaries for both .TITLE and .SUBTITLE
;  301     0428  3            FIRST_XTN = 0;                          !Clear transaction numbers
;  302     0429  3            LAST_XTN = 0;                           !...
;  303     0430  3
;  304     0431  3            !Preserve and reset indentation so SCANT doesn't try to
```

```
;  305     0432  3              !indent the title/subtitle.
;  306     0433  3              HOLD_INDENT = .SCA_INDENT;
;  307     0434  3              SCA_INDENT = 0;
;  308     0435  3
;  309     0436  3              !Remember current buffer status.
;  310     0437  3              HOLD_TSF = .TSF;
;  311     0438  3              HOLD_MRA = .MRA;
;  312     0439  2              END;
;  313     0440  2
;  314     0441  2          [H_TITLE] :
;  315     0442  3              BEGIN
;  316     0443  3              !Preliminaries for .TITLE
;  317     0444  3
;  318     0445  3              !Switch to title buffer and descriptor.
;  319     0446  3              TSF = TITTSF;
;  320     0447  3              MRA = TITMRA;
;  321     0448  2              END;
;  322     0449  2
;  323     0450  2          [-1, H_SUBTITLE] :
;  324     0451  3              BEGIN
;  325     0452  3              !Preliminaries for .SUBTITLE
;  326     0453  3
;  327     0454  3              !Switch to subtitle buffer and descriptor.
;  328     0455  3              TSF = SBTTSF;
;  329     0456  3              MRA = SBTMRA;
;  330     0457  3              HCT_SUBTITLE = TRUE;                !Signal subtitles wanted.
;  331     0458  2              END;
;  332     0459  2
;  333     0460  2          [H_TITLE, -1, H_SUBTITLE] :
;  334     0461  3              BEGIN
;  335     0462  3              !Common processing for both commands
;  336     0463  3
;  337     0464  3              !Initialize title/subtitle descriptor.
;  338     0465  3              INCR I FROM 0 TO TSF_SIZE - 1 DO
;  339     0466  3                  TSF [.I] = 0;
;  340     0467  3
;  341     0468  3              !Initialize title/subtitle buffer
;  342     0469  3              FS_INIT (MRA);
;  343     0470  3
;  344     0471  3              !Copy SCANT tables so we can restore them later.
;  345     0472  3              PUSH_SCA;   !Save the SAVEd SCA bits.
;  346     0473  3              INCR I FROM 0 TO SCA_SIZE - 1 DO
;  347     0474  3                  SCA_HOLD [.I] = .SCA [.I];
;  348     0475  3
;  349     0476  3              !Reset those parts of the SCANT tables that are not inherited
;  350     0477  3              !from the main body of the text.
;  351     0478  3              SCA_FILL = FALSE;
;  352     0479  3              SCA_JUSTIFY = FALSE;
;  353     0480  3              SCA_RM = 150;                       !Maximum right margin so SCANT won't start a new lin
;  354     0481  3              SCA_LM = 0;                         !No left margin, so title/subtitle is flush left.
;  355     0482  3              SCA_WRD_INT_L = 0;                  !Internal length is zero for now.
;  356     0483  3              SCA_WRD_EXT_L = 0;                  !External length is zero for now.
;  357     0484  3              SCA_SPACING = 1;                    !Don't let .SPACING stick to this text.
;  358     0485  3              SCA_WRD_ISEQN = 0;
;  359     0486  3              SCA_WRD_DRAFT = 0;
;  360     0487  3              SCA_WRD_DRAFT_F = %C' ';
;  361     0488  3              SCA_WRD_BARS = 0;
```

```
;  362     0489  3              SCA_WRD_BAR_CHR = 0;
;  363     0490  3              SCA_WRD_SEQN_F = 0;
;  364     0491  3              SCA_WRD_IPAGEN = 0;
;  365     0492  3              SCA_WRD_FOOTW = 0;
;  366     0493  3              SCA_WRD_F_XTN = 0;
;  367     0494  3              SCA_WRD_L_XTN = 0;
;  368     0495  3              SCA_WRD_LC_PNCT = 0;
;  369     0496  3              SCA_WRD_LST_SP = 0;
;  370     0497  3              SCA_WRD_LST_JUS = 0;
;  371     0498  3              SCA_WRD_LST_UND = 0;
;  372     0499  3              SCA_WRD_CPEND = RINTES;                          !No pending character right now.
;  373     0500  3              SCA_WRD_PNTR = .FS_START (MRA);
;  374     0501  3
;  375     0502  3              !Preserve tab count; temporarily set it to zero
;  376     0503  3              !so tabs get treated like spaces.
;  377     0504  3              HOLD_TAB_COUNT = .TTABLE [CL_INDEX];
;  378     0505  3              TTABLE [CL_INDEX] = 0;
;  379     0506  3
;  380     0507  3              !Skip all spaces and tabs before the actual text.
;  381     0508  3              RSKIPS(IRA);
;  382     0509  3
;  383     0510  3              !Scan the remainder of this input line.
;  384     0511  3              SCANT ();
;  385     0512  3
;  386     0513  3              !Drop trailing spaces, unless at least one of them
;  387     0514  3              !is underlined.
;  388     0515  3              !SCA_WRD_CPEND is equal to RINTES if a space/tab
;  389     0516  3              !was encountered after the last character on the line.
;  390     0517  3              IF  .SCA_WRD_CPEND EQL RINTES  THEN
;  391     0518  3                  IF  .SCA_WRD_LST_UND EQL 0  THEN
;  392     0519  3                      !No pending underline character.
;  393     0520  4                      BEGIN
;  394     0521  4                      !When dropping trailing spaces, also set
;  395     0522  4                      !intra-line pointer and counter back appropriately.
;  396     0523  4                      FS_LENGTH (MRA) = .FS_LENGTH (MRA) - .SCA_WRD_LST_SP;
;  397     0524  4                      FS_NEXT (MRA) = CH$PLUS (.FS_NEXT (MRA), -.SCA_WRD_LST_SP);
;  398     0525  4                      !And now really do drop those trailing spaces.
;  399     0526  4                      SCA_WRD_LST_SP = 0;
;  400     0527  3                      END;
;  401     0528  3
;  402     0529  3              !
;  403     0530  3              !Finish last word on line so that TSF contains the entire
;  404     0531  3              !title or subtitle.
;  405     0532  3              ENDWRD (FALSE, FALSE, FALSE);                    !No filling, no justifying, no hyphenation.
;  406     0533  3
;  407     0534  3              !TSF and MRA now contain the complete text description and the
;  408     0535  3              !text itself.
;  409     0536  3
;  410     0537  3              !Pick up transaction numbers to take care of an <INDEX flag>
;  411     0538  3              !discovered during processing of a title or subtitle.
;  412     0539  3              !If called as a subroutine (.HANDLER_CODE EQL -1)
;  413     0540  3              !it's the caller's responsibility.
;  414     0541  3              IF  .HANDLER_CODE NEQ -1  THEN
;  415     0542  4                  BEGIN
;  416     0543  4                  FIRST_XTN = .TSF_FIRST_XTN;
;  417     0544  4                  LAST_XTN = .TSF_LAST_XTN;
;  418     0545  4                  !Remove transaction numbers from title/subtitle
```

```
;  419     0546  4                TSF_FIRST_XTN = 0;
;  420     0547  4                TSF_LAST_XTN = 0;
;  421     0548  3                END;
;  422     0549  3
;  423     0550  3            !Check to see that the text retrieved is not too long
;  424     0551  3            IF  .TSF_EXT_HL GTR .GCA_LWIDTH
;  425     0552  3                        AND
;  426     0553  3                .HANDLER_CODE NEQ -1
;  427     0554  3            THEN
;  428     0555  4                BEGIN
;  429     0556  4                !Title or subtitle is too wide.
;  430     0557  4                ERMA (RNFTTL, FALSE);
;  431     0558  4
;  432     0559  4                !Forget everything that was collected.
;  433     0560  4                INCR I FROM 0 TO TSF_SIZE - 1 DO
;  434     0561  4                    TSF [.I] = 0;
;  435     0562  4
;  436     0563  4                FS_INIT (MRA);
;  437     0564  3                END;
;  438     0565  3
;  439     0566  3            !Restore RUNOFF state prior to .TITLE/.SUBTITLE
;  440     0567  3            TSF = .HOLD_TSF;
;  441     0568  3            MRA = .HOLD_MRA;
;  442     0569  3            SCA_INDENT = .HOLD_INDENT;
;  443     0570  3
;  444     0571  3            !If an <INDEX flag> was found, associate the transaction numbers
;  445     0572  3            !with the primary text buffer.
;  446     0573  3            IF  .TSF_FIRST_XTN EQL 0  THEN
;  447     0574  3                TSF_FIRST_XTN = .FIRST_XTN;
;  448     0575  3
;  449     0576  3            IF  .LAST_XTN NEQ 0  THEN
;  450     0577  3                TSF_LAST_XTN = .LAST_XTN;
;  451     0578  3
;  452     0579  3                !When restoring SCA, leave in effect, as side effects, ^^ and \\
;  453     0580  3                !NOTE: This is support of a RUNOFF crock.
;  454     0581  3                INCR I FROM SCA_CASE_SIZE TO SCA_SIZE - 1 DO
;  455     0582  3                    SCA [.I] = .SCA_HOLD [.I];
;  456     0583  3                POP_SCA;    !Restore the SAVEd SCA bits.
;  457     0584  3               !Restore status of tabs.
;  458     0585  3                TTABLE [CL_INDEX] = .HOLD_TAB_COUNT;
;  459     0586  3                RETURN;
;  460     0587  2                END;
;  461     0588  2
;  462     0589  2            [H_NO_SUBTITLE] :
;  463     0590  3                BEGIN
;  464     0591  3                HCT_SUBTITLE = FALSE;
;  465     0592  3                RETURN;
;  466     0593  2                END;
;  467     0594  2            TES;
;  468     0595  2
;  469     0596  1    END;                                    !End of TITLES

                                                            .TITLE  TITLES Process most directives related to docum
;                                                                       ent tit
                                                            .IDENT  \V04-000\
```

```
                                                        .PSECT  $OWN$,NOEXE,2

                                                00000 PP_SCA: .BLKB   48

                                                        .EXTRN  RINTES, FLGT, GCA
                                                        .EXTRN  HCT, IRA, KHAR, MRA
                                                        .EXTRN  NUMPRM, PAGEN, NPAGEN
                                                        .EXTRN  PHAN, SBTMRA, SBTTSF
                                                        .EXTRN  SCA, TTABLE, TITMRA
                                                        .EXTRN  TITTSF, TSF, RNFTTL
                                                        .EXTRN  ERMA, ENDWRD, RSKIPS
                                                        .EXTRN  SCANT

                                                        .PSECT  $CODE$,NOWRT,2

                                        0FFC 00000      .ENTRY  TITLES, Save R2,R3,R4,R5,R6,R7,R8,R9,R10,-  ; 0262
                                                                R11
                                5B 00000000G    EF  9E 00002    MOVAB   HCT+20, R11                         ;
                                5A 00000000'    EF  9E 00009    MOVAB   PP_SCA, R10                         ;
                                59 00000000G    EF  9E 00010    MOVAB   SCA+220, R9                         ;
                                5E      FE80    CE  9E 00017    MOVAB   -384(SP), SP                        ;
                                52        04    AC  D0 0001C    MOVL    HANDLER_CODE, R2                    ; 0297
                                04              52  D1 00020    CMPL    R2, #4                              ; 0300
                                                46  12 00023    BNEQ    4$                                  ;
                                01 00000000G    EF  E8 00025    BLBS    NUMPRM, 1$                          ; 0303
                                                04  0002C    RET                                         ;
                                0D 00000000G    EF  E9 0002D 1$:    BLBC    NUMPRM+8, 2$                        ; 0306
                    00000000G   EF  00000000G   EF  C0 00034    ADDL2   GCA+120, NUMPRM+4                   ; 0309
                                                13  11 0003F    BRB     3$                                  ;
                                   00000000G    EF  D5 00041 2$:    TSTL    NUMPRM+12                           ; 0311
                                                0B  12 00047    BNEQ    3$                                  ;
                    00000000G   EF  00000000G   EF  D0 00049    MOVL    GCA+120, NUMPRM+4                   ; 0313
                    00000000G   FF  00000000G   EF  D0 00054 3$:    MOVL    NUMPRM+4, @GCA+8                    ; 0316
                    00000000G   EF  00000000G   EF  D0 0005F    MOVL    NUMPRM+4, GCA+120                   ; 0317
                                                04  0006A    RET                                         ; 0301
                    00000075    8F              52  D1 0006B 4$:    CMPL    R2, #117                            ; 0321
                                                07  12 00072    BNEQ    5$                                  ;
                                   00000000G    FF  D4 00074    CLRL    @GCA+8                              ; 0323
                                                04  0007A    RET                                         ; 0322
                                11              52  D1 0007B 5$:    CMPL    R2, #17                             ; 0342
                                                05  12 0007E    BNEQ    6$                                  ;
                          F0    BB              01  D0 00080    MOVL    #1, @HCT+4                          ; 0344
                                                04  00084    RET                                         ; 0343
                    0000007A    8F              52  D1 00085 6$:    CMPL    R2, #122                            ; 0348
                                                04  12 0008C    BNEQ    7$                                  ;
                                      F0    BB  D4 0008E    CLRL    @HCT+4                              ; 0350
                                                04  00091    RET                                         ; 0349
                    00000095    8F              52  D1 00092 7$:    CMPL    R2, #149                            ; 0354
                                                16  12 00099    BNEQ    9$                                  ;
                                      18    BB  D4 0009B    CLRL    @HCT+44                             ; 0357
                                08 00000000G    EF  E8 0009E    BLBS    PHAN+24, 8$                         ; 0360
                                01 00000000G    EF  E9 000A5    BLBC    PHAN, 8$                            ; 0362
                                                04  000AC    RET                                         ;
                                      F8    BB  D4 000AD 8$:    CLRL    @HCT+12                             ; 0364
                                                04  000B0    RET                                         ; 0355
                    00000044    8F              52  D1 000B1 9$:    CMPL    R2, #68                             ; 0368
                                                08  12 000B8    BNEQ    10$                                 ;
```

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                          0000000G  FF                 01  D0 000BA          MOVL    #1, @PHAN+28                        ; 0370
                                                           04 000C1          RET                                         ; 0369
                          0000005B  8F                 52  D1 000C2  10$:    CMPL    R2, #91                             ; 0374
                                                       1D  12 000C9          BNEQ    11$
                                               00      BB  D4 000CB          CLRL    @HCT+20                             ; 0376
0000000G  EF          04            04                 03  F0 000CE          INSV    #3, #4, #4, NPAGEN+13               ; 0378
                                    59  0000000G       EF  E9 000D7          BLBC    PHAN+24, 14$                        ; 0379
0000000G  EF          04            04                 03  F0 000DE          INSV    #3, #4, #4, PAGEN+13                ; 0380
                                                           04 000E7          RET                                         ; 0375
                          0000005D  8F                 52  D1 000E8  11$:    CMPL    R2, #93                             ; 0384
                                                       09  12 000EF          BNEQ    12$
                                F4  BB  0000000G       EF  D0 000F1          MOVL    PHAN+44, @HCT+8                     ; 0386
                                                           04 000F9          RET                                         ; 0385
                          0000005C  8F                 52  D1 000FA  12$:    CMPL    R2, #92                             ; 0390
                                                       1E  12 00101          BNEQ    13$
                                00  BB                 02  D0 00103          MOVL    #2, @HCT+20                         ; 0392
0000000G  EF          04            04                 04  F0 00107          INSV    #4, #4, #4, NPAGEN+13               ; 0394
                                    20  0000000G       EF  E9 00110          BLBC    PHAN+24, 14$                        ; 0395
0000000G  EF          04            04                 04  F0 00117          INSV    #4, #4, #4, PAGEN+13                ; 0396
                                                           04 00120          RET                                         ; 0391
                          0000005E  8F                 52  D1 00121  13$:    CMPL    R2, #94                             ; 0400
                                                       1F  12 00128          BNEQ    16$
                                00  BB                 01  D0 0012A          MOVL    #1, @HCT+20                         ; 0402
0000000G  EF          04            04                 02  F0 0012E          INSV    #2, #4, #4, NPAGEN+13               ; 0404
                                    01  0000000G       EF  E8 00137  14$:    BLBS    PHAN+24, 15$                        ; 0405
                                                           04 0013E          RET
0000000G  EF          04            04                 02  F0 0013F  15$:    INSV    #2, #4, #4, PAGEN+13                ; 0406
                                                           04 00148          RET                                         ; 0401
                          00000090  8F                 52  D1 00149  16$:    CMPL    R2, #144                            ; 0410
                                                       04  12 00150          BNEQ    17$
                                               F4      BB  D4 00152          CLRL    @HCT+8                              ; 0412
                                                           04 00155          RET                                         ; 0411
                          FFFFFFFF  8F                 52  D1 00156  17$:    CMPL    R2, #-1                             ; 0425
                                                       12  13 0015D          BEQL    18$
                          000000C9  8F                 52  D1 0015F          CMPL    R2, #201
                                                       09  13 00166          BEQL    18$
                          000000CC  8F                 52  D1 00168          CMPL    R2, #204
                                                       15  12 0016F          BNEQ    19$
                                                       53  7C 00171  18$:    CLRQ    LAST_XTN                            ; 0429
                                    58                 69  D0 00173          MOVL    SCA+220, HOLD_INDENT                ; 0433
                                                       69  D4 00176          CLRL    SCA+220                             ; 0434
                                    55  0000000G       EF  D0 00178          MOVL    TSF, HOLD_TSF                       ; 0437
                                    57  0000000G       EF  D0 0017F          MOVL    MRA, HOLD_MRA                       ; 0438
                          000000CC  8F                 52  D1 00186  19$:    CMPL    R2, #204                            ; 0441
                                                       16  12 0018D          BNEQ    20$
                          0000000G  EF  0000000G       EF  9E 0018F          MOVAB   TITTSF, TSF                         ; 0446
                          0000000G  EF  0000000G       EF  9E 0019A          MOVAB   TITMRA, MRA                         ; 0447
                          FFFFFFFF  8F                 52  D1 001A5  20$:    CMPL    R2, #-1                             ; 0450
                                                       09  13 001AC          BEQL    21$
                          000000C9  8F                 52  D1 001AE          CMPL    R2, #201
                                                       1A  12 001B5          BNEQ    22$
                          0000000G  EF  0000000G       EF  9E 001B7  21$:    MOVAB   SBTTSF, TSF                         ; 0455
                          0000000G  EF  0000000G       EF  9E 001C2          MOVAB   SBTMRA, MRA                         ; 0456
                                04  BB                 01  D0 001CD          MOVL    #1, @HCT+24                         ; 0457
                          FFFFFFFF  8F                 52  D1 001D1  22$:    CMPL    R2, #-1                             ; 0460
                                                       15  13 001D8          BEQL    23$
                          000000C9  8F                 52  D1 001DA          CMPL    R2, #201
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```
                                     0C  13 001E1         BEQL    23$                              ;
          000000CC   8F              52  D1 001E3         CMPL    R2, #204                         ;
                                     03  13 001EA         BEQL    23$                              ;
                                   01D4  31 001EC         BRW     33$                              ;
                                     50  D4 001EF 23$:    CLRL    I                                ; 0466
                      00000000GFF40  D4 001F1 24$:        CLRL    @TSF[I]                          ;
     F5              50              27  F3 001F8         AOBLEQ  #39, I, 24$                      ;
                     51 00000000G    EF  D0 001FC         MOVL    MRA, R1                          ; 0469
                               0C    A1  D4 00203         CLRL    12(R1)                           ;
                     61        10    A1  9E 00206         MOVAB   16(R1), (R1)                     ;
               04    A1              61  D0 0020A         MOVL    (R1), 4(R1)                      ;
                     6A        88    B9  D0 0020E         MOVL    @SCA+100, PP_SCA                 ;
               04    AA        8C    B9  D0 00212         MOVL    @SCA+104, PP_SCA+4               ;
               08    AA        90    B9  D0 00217         MOVL    @SCA+108, PP_SCA+8               ;
               0C    AA        94    B9  D0 0021C         MOVL    @SCA+112, PP_SCA+12              ;
               10    AA        98    B9  D0 00221         MOVL    @SCA+116, PP_SCA+16              ;
               14    AA        9C    B9  D0 00226         MOVL    @SCA+120, PP_SCA+20              ;
               18    AA        A0    B9  D0 0022B         MOVL    @SCA+124, PP_SCA+24              ;
               1C    AA        A4    B9  D0 00230         MOVL    @SCA+128, PP_SCA+28              ;
               20    AA        A8    B9  D0 00235         MOVL    @SCA+132, PP_SCA+32              ;
               24    AA        AC    B9  D0 0023A         MOVL    @SCA+136, PP_SCA+36              ;
               28    AA        B0    B9  D0 0023F         MOVL    @SCA+140, PP_SCA+40              ;
               2C    AA        B4    B9  D0 00244         MOVL    @SCA+144, PP_SCA+44              ;
                                     50  D4 00249         CLRL    I                                ; 0473
                  6E40      FF24 C940  D0 0024B 25$:      MOVL    SCA[I], SCA_HOLD[I]              ; 0474
     F1              50 0000005F     8F  F3 00252         AOBLEQ  #95, I, 25$                      ;
                               8C    B9  D4 0025A         CLRL    @SCA+104                         ; 0478
                               88    B9  D4 0025D         CLRL    @SCA+100                         ; 0479
               9C    B9        96    8F  9A 00260         MOVZBL  #150, @SCA+120                   ; 0480
                               98    B9  D4 00265         CLRL    @SCA+116                         ; 0481
                               20    A9  7C 00268         CLRQ    SCA+252                          ; 0482
               A0    B9              01  D0 0026B         MOVL    #1, @SCA+124                     ; 0484
                               28    A9  7C 0026F         CLRQ    SCA+260                          ; 0485
               30    A9              20  D0 00272         MOVL    #32, SCA+268                     ; 0487
               34    A9              01  8A 00276         BICB2   #1, SCA+272                      ; 0488
                               38    A9  D4 0027A         CLRL    SCA+276                          ; 0489
                               40    A9  7C 0027D         CLRQ    SCA+284                          ; 0490
                               48    A9  7C 00280         CLRQ    SCA+292                          ; 0492
                               50    A9  D4 00283         CLRL    SCA+300                          ; 0494
                               6C    A9  7C 00286         CLRQ    SCA+328                          ; 0495
                               74    A9  7C 00289         CLRQ    SCA+336                          ; 0497
               3C    A9       00G    8F  9A 0028C         MOVZBL  #RINTES, SCA+280                 ; 0499
               1C    A9              61  D0 00291         MOVL    (R1), SCA+248                    ; 0500
                     56 00000000G    EF  D0 00295         MOVL    TTABLE+4, HOLD_TAB_COUNT         ; 0504
                        00000000G    EF  D4 0029C         CLRL    TTABLE+4                         ; 0505
                        00000000G    EF  9F 002A2         PUSHAB  IRA                              ; 0508
          00000000G  EF              01  FB 002A8         CALLS   #1, RSKIPS                       ;
          00000000G  EF              00  FB 002AF         CALLS   #0, SCANT                        ; 0511
          00000000G  8F        3C    A9  D1 002B6         CMPL    SCA+280, #RINTES                 ; 0517
                                     19  12 002BE         BNEQ    26$                              ;
                               78    A9  D5 002C0         TSTL    SCA+340                          ; 0518
                                     14  12 002C3         BNEQ    26$                              ;
                     50 00000000G    EF  D0 002C5         MOVL    MRA, R0                          ; 0523
               0C    A0        70    A9  C2 002CC         SUBL2   SCA+332, 12(R0)                  ;
               04    A0        70    A9  C2 002D1         SUBL2   SCA+332, 4(R0)                   ; 0524
                               70    A9  D4 002D6         CLRL    SCA+332                          ; 0526
                                     7E  7C 002D9 26$:    CLRQ    -(SP)                            ; 0532
```

```
                                                7E  D4 002DB          CLRL    -(SP)                                          ;
                    00000000G   EF              03  FB 002DD          CALLS   #3, ENDWRD                                     ;
                                                51  D4 002E4          CLRL    R1                                             ; 0541
                    FFFFFFFF    8F              52  D1 002E6          CMPL    R2, #-1                                        ;
                                                14  13 002ED          BEQL    27$                                            ;
                                                51  D6 002FF          INCL    R1                                             ;
                                50 00000000G    EF  D0 002F1          MOVL    TSF, R0                                        ; 0543
                                54         38   A0  D0 002F8          MOVL    56(R0), FIRST_XTN                              ;
                                53         3C   A0  D0 002FC          MOVL    60(R0), LAST_XTN                               ; 0544
                                           38   A0  7C 00300          CLRQ    56(R0)                                         ; 0546
                                50 00000000G    EF  D0 00303 27$:     MOVL    TSF, R0                                        ; 0551
                    00000000G   FF         04   A0  D1 0030A          CMPL    4(R0), @GCA+140                                ;
                                               31  15 00312          BLEQ    29$                                            ;
                                2E             51  E9 00314          BLBC    R1, 29$                                        ; 0553
                                               7E  D4 00317          CLRL    -(SP)                                          ; 0557
                                    00000000G  8F  DD 00319          PUSHL   #RNFTTL                                        ;
                    00000000G   EF              02  FB 0031F          CALLS   #2, ERMA                                       ;
                                               50  D4 00326          CLRL    I                                              ; 0561
                                    00000000GFF40  D4 00328 28$:     CLRL    @TSF[I]                                        ;
                F5                  50         27  F3 0032F          AOBLEQ  #39, I, 28$                                    ;
                                50 00000000G    EF  D0 00333          MOVL    MRA, R0                                        ; 0563
                                           0C   A0  D4 0033A          CLRL    12(R0)                                         ;
                                60         10   A0  9E 0033D          MOVAB   16(R0), (R0)                                   ;
                          04    A0              60  D0 00341          MOVL    (R0), 4(R0)                                    ;
                    00000000G   EF              55  D0 00345 29$:     MOVL    HOLD_TSF, TSF                                  ; 0567
                    00000000G   EF              57  D0 0034C          MOVL    HOLD_MRA, MRA                                  ; 0568
                                69              58  D0 00353          MOVL    HOLD_INDENT, SCA+220                           ; 0569
                                50 00000000G    EF  D0 00356          MOVL    TSF, R0                                        ; 0573
                                           38   A0  D5 0035D          TSTL    56(R0)                                         ;
                                               04  12 00360          BNEQ    30$                                            ;
                          38    A0              54  D0 00362          MOVL    FIRST_XTN, 56(R0)                              ; 0574
                                               53  D5 00366 30$:     TSTL    LAST_XTN                                       ; 0576
                                               04  13 00368          BEQL    31$                                            ;
                          3C    A0              53  D0 0036A          MOVL    LAST_XTN, 60(R0)                               ; 0577
                                50              19  D0 0036E 31$:     MOVL    #25, I                                         ; 0581
                    FF24  C940                6E40  D0 00371 32$:     MOVL    SCA_HOLD[I], SCA[I]                            ; 0582
                F1                  50 0000005F   8F  F3 00378          AOBLEQ  #95, I, 32$                                    ;
                          88    B9              6A  D0 00380          MOVL    PP_SCA, @SCA+100                               ;
                          8C    B9        04    AA  D0 00384          MOVL    PP_SCA+4, @SCA+104                             ;
                          90    B9        08    AA  D0 00389          MOVL    PP_SCA+8, @SCA+108                             ;
                          94    B9        0C    AA  D0 0038E          MOVL    PP_SCA+12, @SCA+112                            ;
                          98    B9        10    AA  D0 00393          MOVL    PP_SCA+16, @SCA+116                            ;
                          9C    B9        14    AA  D0 00398          MOVL    PP_SCA+20, @SCA+120                            ;
                          A0    B9        18    AA  D0 0039D          MOVL    PP_SCA+24, @SCA+124                            ;
                          A4    B9        1C    AA  D0 003A2          MOVL    PP_SCA+28, @SCA+128                            ;
                          A8    B9        20    AA  D0 003A7          MOVL    PP_SCA+32, @SCA+132                            ;
                          AC    B9        24    AA  D0 003AC          MOVL    PP_SCA+36, @SCA+136                            ;
                          B0    B9        28    AA  D0 003B1          MOVL    PP_SCA+40, @SCA+140                            ;
                          B4    B9        2C    AA  D0 003B6          MOVL    PP_SCA+44, @SCA+144                            ;
                    00000000G   EF              56  D0 003BB          MOVL    HOLD_TAB_COUNT, TTABLE+4                       ; 0585
                                               04  003C2          RET                                                    ; 0461
                    0000009A    8F              52  D1 003C3 33$:     CMPL    R2, #154                                       ; 0589
                                               03  12 003CA          BNEQ    34$                                            ;
                                        04     BB  D4 003CC          CLRL    @HCT+24                                        ; 0591
                                               04  003CF 34$:        RET                                                    ; 0596

; Routine Size:  976 bytes,    Routine Base:  $CODE$ + 0000
```

```
;  470          0597  1
;  471          0598  1 END                                   !End of module
;  472          0599  0 ELUDOM
```

```
;                                PSECT SUMMARY

;       Name                    Bytes                   Attributes

;  $OWN$                          48  NOVEC,  WRT,  RD ,NOEXE,NOSHR,  LCL,  REL,  CON,NOPIC,ALIGN(2)
;  $CODE$                        976  NOVEC,NOWRT,  RD ,  EXE,NOSHR,  LCL,  REL,  CON,NOPIC,ALIGN(2)
```

```
;                            Library Statistics

;                                    -------- Symbols --------      Pages       Processing
;       File                         Total    Loaded   Percent      Mapped      Time

;  _$255$DUA28:[SYSLIB]XPORT.L32;1      590         0         0         252       00:00.1
;  _$255$DUA28:[RUNOFF.SRC]DSRLIB.L32;1  1248       116         9          86       00:00.3
```

```
;                                COMMAND QUALIFIERS

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

; Size:          976 code + 48 data bytes
; Run Time:        00:20.4
; Elapsed Time:    00:45.9
; Lines/CPU Min:    1763
; Lexemes/CPU-Min: 17870
; Memory Used:  205 pages
; Compilation Complete
```