COBRTL

```
 CCCCCCCC    000000   BBBBBBBB    SSSSSSSS  PPPPPPPP    AAAAAA   NN      NN   CCCCCCCC  222222
 CCCCCCCC    000000   BBBBBBBB    SSSSSSSS  PPPPPPPP    AAAAAA   NN      NN   CCCCCCCC  222222
CC          00    00  BB    BB  SS         PP    PP  AA    AA   NN      NN  CC           22    22
CC          00    00  BB    BB  SS         PP    PP  AA    AA   NN      NN  CC           22    22
CC          00    00  BB    BB  SS         PP    PP  AA    AA   NNNN    NN  CC                 22
CC          00    00  BBBBBBBB    SSSSSS   PPPPPPPP  AA    AA   NN  NN  NN  CC                22
CC          00    00  BBBBBBBB    SSSSSS   PPPPPPPP  AA    AA   NN  NN  NN  CC                22
CC          00    00  BB    BB        SS   PP        AAAAAAAAAA NN    NNNN  CC               22
CC          00    00  BB    BB        SS   PP        AAAAAAAAAA NN    NNNN  CC               22
CC          00    00  BB    BB        SS   PP        AA    AA   NN      NN  CC              22
 CCCCCCCC    000000   BBBBBBBB    SSSSSSSS  PP        AA    AA   NN      NN   CCCCCCCC  2222222222
 CCCCCCCC    000000   BBBBBBBB    SSSSSSSS  PP        AA    AA   NN      NN   CCCCCCCC  2222222222
```

```
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
```

COB$AB_SPANC2
1-001

COBOL SPANC Translation Table II   K 4   15-SEP-1984 23:47:02 VAX/VMS Macro V04-00   Page 1
                                                 6-SEP-1984 10:49:25 [COBRTL.SRC]COBSPANC2.MAR;1   (1)

```
0000      1              .TITLE  COB$AB_SPANC2    COBOL SPANC Translation Table II
0000      2              .IDENT  /1-0017          ; File: COBSPANC2.MAR EDIT:PDG1001
0000      3
0000      4
0000      5
0000      6      ;*******************************************************************************
0000      7      ;*                                                                             *
0000      8      ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                    *
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0000     24      ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                    *
0000     25      ;*                                                                             *
0000     26      ;*                                                                             *
0000     27      ;*******************************************************************************
0000     28
0000     29      ; FACILITY: COBOL SUPPORT
0000     30      ;++
0000     31      ; ABSTRACT:
0000     32      ;     This module contains the translation table used in conjunction with
0000     33      ;     the SPANC instruction by compiled code.
0000     34
0000     35
0000     36      ;--
0000     37
0000     38      ; VERSION: 1
0000     39
0000     40      ; HISTORY:
0000     41
0000     42      ; AUTHOR:
0000     43      ;     Peter D Gilbert, 24-Jul-1981
0000     44
0000     45      ; MODIFIED BY:
0000     46
0000     47      ;
0000     48      ;
```

L 4

```
        0000     50              .SBTTL  HISTORY          ; Detailed Current Edit History
        0000     51
        0000     52
        0000     53 ; Edit History for Version 1 of COBSPANC2
        0000     54 ;
        0000     55 ; 1-001 - Original.  See also COB$AB_SPANC in COBSPANC.MAR.  PDG 24-Jul-1981
```

COB$AB_SPANC2
1-001

COBOL SPANC Translation Table II M 4   15-SEP-1984 23:47:02 VAX/VMS Macro V04-00   Page 3
DECLARATIONS   6-SEP-1984 10:49:25 [COBRTL.SRC]COBSPANC2.MAR;1   (3)

```
        0000        57              .SBTTL  DECLARATIONS
        0000        58
        0000        59      ;
        0000        60      ; INCLUDE FILES:
        0000        61      ;
        0000        62
        0000        63      ;
        0000        64      ; EXTERNAL SYMBOLS:
        0000        65      ;     NONE
        0000        66      ;
        0000        67
        0000        68      ;
        0000        69      ; MACROS:
        0000        70      ;     NONE
        0000        71      ;
        0000        72
        0000        73      ;
        0000        74      ; PSECT DECLARATIONS:
    00000000        75              .PSECT  _COB$CODE         PIC, SHR, LONG, EXE, NOWRT
        0000        76
        0000        77      ;
        0000        78      ; EQUATED SYMBOLS:
        0000        79      ;     NONE
        0000        80      ;
        0000        81
        0000        82      ;
        0000        83      ; OWN STORAGE:
        0000        84      ;     NONE
        0000        85      ;
```

N 4

COB$AB_SPANC2   COBOL SPANC Translation Table II   15-SEP-1984 23:47:02   VAX/VMS Macro V04-00   Page 4
1-001   COB$AB_SPANC2   6-SEP-1984 10:49:25   [COBRTL.SRC]COBSPANC2.MAR;1   (4)

```
                                0000       87                    .SBTTL  COB$AB_SPANC2
                                0000       88
                                0000       89  ;++
                                0000       90  ; FUNCTIONAL DESCRIPTION:
                                0000       91  ;
                                0000       92  ;       This is the translation table used by SPANC instructions in
                                0000       93  ;       compiled code.
                                0000       94  ;
                                0000       95  ;       Bit 0:              Valid ALPHABETIC-UPPER characters (A-Z, space)
                                0000       96  ;       Bit 1:              Valid ALPHABETIC-LOWER characters (a-z, space)
                                0000       97  ;--
                                0000       98
                                0000       99  COB$AB_SPANC2::
00'00'00'00'00'00'00'00'00'00'00'00'  0000   100                   .BYTE   ^X00[32]
00'00'00'00'00'00'00'00'00'00'00'00'  000C
            00'00'00'00'00'00'00'00'  0018

                           03   0020   101                   .BYTE   ^X03              ; space
00'00'00'00'00'00'00'00'00'00'00'00'  0021   102                   .BYTE   ^X00[32]
00'00'00'00'00'00'00'00'00'00'00'00'  002D
            00'00'00'00'00'00'00'00'  0039
01'01'01'01'01'01'01'01'01'01'01'01'  0041   103                   .BYTE   ^X01[26]          ; A-Z
01'01'01'01'01'01'01'01'01'01'01'01'  004D
                           01'01'  0059
            00'00'00'00'00'00'  005B   104                   .BYTE   ^X00[6]
02'02'02'02'02'02'02'02'02'02'02'02'  0061   105                   .BYTE   ^X02[26]          ; a-z
02'02'02'02'02'02'02'02'02'02'02'02'  006D
                           02'02'  0079
00'00'00'00'00'00'00'00'00'00'00'00'  007B   106                   .BYTE   ^X00[133]
00'00'00'00'00'00'00'00'00'00'00'00'  0087
00'00'00'00'00'00'00'00'00'00'00'00'  0093
00'00'00'00'00'00'00'00'00'00'00'00'  009F
00'00'00'00'00'00'00'00'00'00'00'00'  00AB
00'00'00'00'00'00'00'00'00'00'00'00'  00B7
00'00'00'00'00'00'00'00'00'00'00'00'  00C3
00'00'00'00'00'00'00'00'00'00'00'00'  00CF
00'00'00'00'00'00'00'00'00'00'00'00'  00DB
00'00'00'00'00'00'00'00'00'00'00'00'  00E7
00'00'00'00'00'00'00'00'00'00'00'00'  00F3
                           00'  00FF
                                0100   107  ;
                                0100   108                   .END
```

COB$AB_SPANC2   00000000 RG   01

```
                              +-----------------+
                              ! Psect synopsis  !
                              +-----------------+

PSECT name                   Allocation          PSECT No.  Attributes
----------                   ----------          ---------  ----------
.  ABS  .                    00000000 (     0.)  00 (  0.)  NOPIC  USR  CON  ABS  LCL  NOSHR  NOEXE  NORD  NOWRT  NOVEC  BYTE
_COB$CODE                    00000100 (   256.)  01 (  1.)    PIC  USR  CON  REL  LCL    SHR    EXE    RD  NOWRT  NOVEC  LONG

                           +-------------------------+
                           ! Performance indicators  !
                           +-------------------------+

Phase                    Page faults   CPU Time      Elapsed Time
-----                    -----------   --------      ------------
Initialization                   29    00:00:00.06   00:00:01.45
Command processing              118    00:00:00.35   00:00:02.11
Pass 1                           62    00:00:00.24   00:00:03.67
Symbol table sort                 0    00:00:00.00   00:00:00.00
Pass 2                           37    00:00:00.21   00:00:02.50
Symbol table output               1    00:00:00.01   00:00:00.01
Psect synopsis output             2    00:00:00.01   00:00:00.01
Cross-reference output            0    00:00:00.00   00:00:00.00
Assembler run totals            251    00:00:00.88   00:00:09.90
```

The working set limit was 900 pages.
1034 bytes (3 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
108 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

```
                      +---------------------------+
                      ! Macro library statistics  !
                      +---------------------------+

Macro library name                       Macros defined
------------------                       --------------
_$255$DUA28:[SYSLIB]STARLET.MLB;2               0
```

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS$:COBSPANC2/OBJ=OBJ$:COBSPANC2 MSRC$:COBSPANC2/UPDATE=(ENH$:COBSPANC2)

COBRMSBLO
LIS

COBSPANC
LIS

COBSWITCH
LIS

COBRESTVA
LIS

CONVSHR
MAP

CONVCOMIO
LIS

COBSETSWI
LIS

CONVDEF
MDL

CONVLINK
REQ

COBSPANC2
LIS

CONV

CONVERT
MAP

CONVCALL
LIS

COBVECTOR
LIS

CONVERT
REQ

RECLAIM
MAP

ADDKEY
LIS