

CCCCCCCCCCCC	000000000	PPPPPPPPPPP	YYY	YYY
CCCCCCCCCCCC	000000000	PPPPPPPPPPP	YYY	YYY
CCCCCCCCCCCC	000000000	PPPPPPPPPPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCC	000	PPP	YYY	YYY
CCCCCCCCCCCC	000000000	PPPPPPPPPPP	YYY	YYY
CCCCCCCCCCCC	000000000	PPPPPPPPPPP	YYY	YYY
CCCCCCCCCCCC	000000000	PPPPPPPPPPP	YYY	YYY

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KK      KK  EEEEEEEEE  YY      YY  SSSSSSSS
KK      KK  EEEEEEEEE  YY      YY  SSSSSSSS
KK      KK  EE          YY      YY  SS
KK      KK  EE          YY      YY  SS
KK      KK  EE          YY      YY  SS
KK      KK  EE          YY      YY  SS
KKKKKK  EEEEEEEEE  YY      YY  SSSSSS
KKKKKK  EEEEEEEEE  YY      YY  SSSSSS
KK      KK  EE          YY      YY  SS
KK      KK  EE          YY      YY  SS
KK      KK  EE          YY      YY  SS
KK      KK  EEEEEEEEE  YY      YY  SSSSSSSS
KK      KK  EEEEEEEEE  YY      YY  SSSSSSSS
      . . . .
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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      IIIIII  SSSSSSSS
LLLLLLLL IIIIII  SSSSSSSS
LLLLLLLL IIIIII  SSSSSSSS
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! COPY command qualifier keywords

```

0001 0 MODULE KEYS (
0002 0 IDENT = 'V04-000'
0003 0 ) =
0004 1 BEGIN
0005 1
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: System Library
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module consists of keyword tables which define ALIGNMENT
0037 1 and PROTECTION qualifier keywords and keyword values.
0038 1
0039 1 ENVIRONMENT:
0040 1
0041 1 AUTHOR: Ward Clark, CREATION DATE: 7 November 1977
0042 1
0043 1 Modified: C. Peters, 18 April 1978
0044 1
0045 1 003 TMH0002 T. Halvorsen 07-Jan-1980
0046 1 Remove LIBMAC and VMSMAC requires as the $LIB defns
0047 1 are now supplied by STARLET.L32
0048 1
0049 1 002 TMH0001 T. Halvorsen 17-Nov-1979
0050 1 Change LIBRARY VMSMAC.L32 to REQUIRE VMSMAC.REQ.
0051 1
0052 1 01 18-04-78 C. Peters Change INCLUDE declarations to be suitable for VMS native compiles.
0053 1
0054 1 --

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56      0055 1  |
57      0056 1  | INCLUDE FILES:
58      0057 1  |
59      0058 1  |
60      0059 1  | LIBRARY 'SYSSLIBRARY:STARLET.L32';           ! VAX/VMS macros and literals
61      0060 1  |
62      0061 1  |
63      0062 1  | MACROS:
64      0063 1  |
65      0064 1  |
66      0065 1  | MACRO
67      0066 1  |     BIT_LOCATION(L,B,S,X) = B %;           ! Extracts bit displacement from a structure definit
68      0067 1  |
69      0068 1  |
70      0069 1  | EQUATED SYMBOLS:
71      0070 1  |
72      0071 1  |
73      0072 1  | LITERAL
74      0073 1  |     YES = 1,                               ! "yes" indicator
75      0074 1  |     NO = 0;                               ! "no" indicator
76      0075 1  |
77      0076 1  |
78      0077 1  | OWN STORAGE:
79      0078 1  |
80      0079 1  |
81      0080 1  | GLOBAL
82      P 0081 1  |     COPYSALIGN_KEYS : $LIB_KEY TABLE(
83      P 0082 1  |         ( CYLINDER, BYTE(
84      P 0083 1  |             XAB$C_CYL,
85      P 0084 1  |             -1,
86      P 0085 1  |             YES,
87      P 0086 1  |             NO ) ),
88      P 0087 1  |         ( LOGICAL, BYTE(
89      P 0088 1  |             XAB$L_LBN,
90      P 0089 1  |             -1,
91      P 0090 1  |             YES,
92      P 0091 1  |             YES ) ),
93      P 0092 1  |         ( APPROXIMATE, BYTE(
94      P 0093 1  |             0,
95      P 0094 1  |             -1 - XAB$M_HRD,
96      P 0095 1  |             NO,
97      P 0096 1  |             NO ) ) ),
98      0097 1  |
99      P 0098 1  |     COPYS$PROT_KEYS: $LIB_KEY TABLE(
100     P 0099 1  |         ( SYSTEM, BIT_LOCATION(XAB$V_SYS) ),
101     P 0100 1  |         ( OWNER, BIT_LOCATION(XAB$V_OWN) ),
102     P 0101 1  |         ( GROUP, BIT_LOCATION(XAB$V_GRP) ),
103     0102 1  |         ( WORLD, BIT_LOCATION(XAB$V_WLD) ) ),
104     0103 1  |
105     P 0104 1  |     COPYS$PROT_VALUE : $LIB_KEY TABLE(
106     P 0105 1  |         ( R, BIT_LOCATION(XAB$V_NOREAD) ),
107     P 0106 1  |         ( W, BIT_LOCATION(XAB$V_NOWRITE) ),
108     P 0107 1  |         ( E, BIT_LOCATION(XAB$V_NOEXE) ),
109     0108 1  |         ( D, BIT_LOCATION(XAB$V_NODEL) ) );
110     0109 1  |
111     0110 1  |
112     0111 1  | EXTERNAL REFERENCES:

```

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! ALIGNMENT qualifier keywords:
!   Cylinder alignment -
!     XAB$B_ALN code
!     XAB$B_AOP "and" mask
!     keyword value permitted
!     keyword value not required
!   Logical block alignment -
!     XAB$B_ALN code
!     XAB$B_AOP "and" mask
!     keyword value permitted
!     keyword value required
!   Approximate alignment satisfactory -
!     XAB$B_ALN code - none
!     XAB$B_AOP "and" mask
!     no keyword value permitted
!     no keyword value required

```

```

! PROTECTION qualifier keywords:
!   SYSTEM
!   OWNER
!   GROUP
!   WORLD

```

```

! PROTECTION qualifier keyword values:
!   Read
!   Write
!   Execute
!   Delete

```

: 113
: 114
: 115
: 116
0112 1 !
0113 1
0114 1 END
0115 0 ELUDOM

```

.TITLE KEYS
.IDENT \V04-000\

.PSECT $SPLITS, NOWRT, NOEXE, 2

00 00 00 52 45 44 4E 49 4C 59 43 08 00000 P.AAA: .ASCII <8>\CYLINDER\<0><0><0>
4C 41 43 49 47 4F 4C 07 0000C P.AAB: .ASCII <7>\LOGICAL\
45 54 41 4D 49 58 4F 52 50 50 41 0B 00014 P.AAC: .ASCII <11>\APPROXIMATE\
00 4D 45 54 53 59 53 06 00020 P.AAD: .ASCII <6>\SYSTEM\<0>
00 00 52 45 4E 57 4F 05 00028 P.AAE: .ASCII <5>\OWNER\<0><0>
00 00 50 55 4F 52 47 05 00030 P.AAF: .ASCII <5>\GROUP\<0><0>
00 00 44 4C 52 4F 57 05 00038 P.AAG: .ASCII <5>\WORLD\<0><0>
00 00 52 01 00040 P.AAH: .ASCII <1>\R\<0><0>
00 00 57 01 00044 P.AAI: .ASCII <1>\W\<0><0>
00 00 45 01 00048 P.AAJ: .ASCII <1>\E\<0><0>
00 00 44 01 0004C P.AAK: .ASCII <1>\D\<0><0>

```

.PSECT \$GLOBALS, NOEXE, 2

```

00000006 00000 COPYSALIGN KEYS::
.LONG 6
00000000' 00004 .ADDRESS P.AAA
00 01 FF 01 00008 .BYTE 1, -1, 1, 0
00000000' 0000C .ADDRESS P.AAB
01 01 FF 02 00010 .BYTE 2, -1, 1, 1
00000000' 00014 .ADDRESS P.AAC
00 00 FE 00 00018 .BYTE 0, -2, 0, 0
00000008 0001C COPYS$PROT KEYS::
.LONG 8
00000000' 00020 .ADDRESS P.AAD
00000000 00024 .LONG 0
00000000' 00028 .ADDRESS P.AAE
00000004 0002C .LONG 4
00000000' 00030 .ADDRESS P.AAF
00000008 00034 .LONG 8
00000000' 00038 .ADDRESS P.AAG
0000000C 0003C .LONG 12
00000008 00040 COPYS$PROT VALUE::
.LONG 8
00000000' 00044 .ADDRESS P.AAH
00000000 00048 .LONG 0
00000000' 0004C .ADDRESS P.AAI
00000001 00050 .LONG 1
00000000' 00054 .ADDRESS P.AAJ
00000002 00058 .LONG 2
00000000' 0005C .ADDRESS P.AAK
00000003 00060 .LONG 3

```

PSECT SUMMARY

Name	Bytes	Attributes
\$SPLITS	80	NOVEC,NOWRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)
\$GLOBALS	100	NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	14	0	581	00:01.0

COMMAND QUALIFIERS

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

: Size: 0 code + 180 data bytes
: Run Time: 00:03.5
: Elapsed Time: 00:12.0
: Lines/CPU Min: 1954
: Lexemes/CPU-Min: 22708
: Memory Used: 35 pages
: Compilation Complete

