


```

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      SSSSSS
KKKKKK  EEEEEEEEE  YY      SSSSSS
KK      KK  EE          YY      SS
KK      KK  EE          YY      SS
KK      KK  EE          YY      SS
KK      KK  EEEEEEEEE  YY      SSSSSSSS
KK      KK  EEEEEEEEE  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      II      SS
LLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLL  IIIIII  SSSSSSSS

```

```

1 0001 0 MODULE KEYS (
2 0002 0 IDENT = 'V04-000'
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 **
32 0032 1 FACILITY: System Library
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 This module consists of keyword tables which define ALIGNMENT
37 0037 1 and PROTECTION qualifier keywords and keyword values.
38 0038 1
39 0039 1 ENVIRONMENT:
40 0040 1
41 0041 1 AUTHOR: Ward Clark, CREATION DATE: 7 November 1977
42 0042 1
43 0043 1 Modified: C. Peters, 18 April 1978
44 0044 1
45 0045 1 003 TMH0002 T. Halvorsen 07-Jan-1980
46 0046 1 Remove LIBMAC and VMSMAC requires as the $LIB defns
47 0047 1 are now supplied by STARLET.L32
48 0048 1
49 0049 1 002 TMH0001 T. Halvorsen 17-Nov-1979
50 0050 1 Change LIBRARY VMSMAC.L32 to REQUIRE VMSMAC.REQ.
51 0051 1
52 0052 1 01 18-04-78 C. Peters Change INCLUDE declarations to be suitable for VMS native compiles.
53 0053 1
54 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  COPSALIGN_KEYS : $LIB_KEY TABLE(           ! ALIGNMENT qualifier keywords:
83 P 0082 1  ( CYLINDER, BYTE(                           ! Cylinder alignment -
84 P 0083 1  XABSC_CYL,                                   ! XABSB_ALN code
85 P 0084 1  -1,                                         ! XABSB_AOP "and" mask
86 P 0085 1  YES,                                       ! keyword value permitted
87 P 0086 1  NO ) ),                                   ! keyword value not required
88 P 0087 1  ( LOGICAL, BYTE(                           ! Logical block alignment -
89 P 0088 1  XABSC_LBN,                                   ! XABSB_ALN code
90 P 0089 1  -1,                                         ! XABSB_AOP "and" mask
91 P 0090 1  YES,                                       ! keyword value permitted
92 P 0091 1  YES ) ),                                   ! keyword value required
93 P 0092 1  ( APPROXIMATE, BYTE(                       ! Approximate alignment satisfactory -
94 P 0093 1  0,                                         ! XABSB_ALN code - none
95 P 0094 1  -1 - XABSM_HRD,                             ! XABSB_AOP "and" mask
96 P 0095 1  NO,                                       ! no keyword value permitted
97 P 0096 1  NO ) ),                                   ! no keyword value required
98 0097 1  !
99 P 0098 1  COPS$PROT_KEYS: $LIB_KEY TABLE(           ! PROTECTION qualifier keywords:
100 P 0099 1  ( SYSTEM, BIT_LOCATION(XABSV_SYS) ),       ! SYSTEM
101 P 0100 1  ( OWNER, BIT_LOCATION(XABSV_OWN) ),       ! OWNER
102 P 0101 1  ( GROUP, BIT_LOCATION(XABSV_GRP) ),       ! GROUP
103 0102 1  ( WORLD, BIT_LOCATION(XABSV_WLD) ) ),       ! WORLD
104 0103 1  !
105 P 0104 1  COPS$PROT_VALUE : $LIB_KEY TABLE(       ! PROTECTION qualifier keyword values:
106 P 0105 1  ( R, BIT_LOCATION(XABSV_NOREAD) ),       ! Read
107 P 0106 1  ( W, BIT_LOCATION(XABSV_NOWRITE) ),     ! Write
108 P 0107 1  ( E, BIT_LOCATION(XABSV_NOEXE) ),       ! Execute
109 0108 1  ( D, BIT_LOCATION(XABSV_NODEL) ) );       ! Delete
110 0109 1  !
111 0110 1  !
112 0111 1  ! EXTERNAL REFERENCES:

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: 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>

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.PSECT $GLOBALS, NOEXE, 2

00000006 00000 COPY$ALIGN KEYS::
.LONG 6
00000000' 00004 .ADDRESS P.AAA
00 01 FF 01 00008 .BYTE 1, -1, 1, 0
00000000' 0000C .ADDRESS P.AAB
01 01 FF 02 00010 .BYTE 2, -1, 1, 1
00000000' 00014 .ADDRESS P.AAC
00 00 FE 00 00018 .BYTE 0, -2, 0, 0
00000008 0001C COPY$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 COPY$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

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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	Symbols		Pages Mapped	Processing Time
	Total	Loaded Percent		
_\$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

