

[illegible]

```
LL      IIIIII  NN      NN  KK      KK  MM      MM  SSSSSSSS  GGGGGGGG
LL      IIIIII  NN      NN  KK      KK  MM      MM  SSSSSSSS  GGGGGGGG
LL      II      NN      NN  KK      KK  MMMM     MMMM  SS      GG
LL      II      NN      NN  KK      KK  MMMM     MMMM  SS      GG
LL      II      NNNN     NN  KK      KK  MM      MM  SS      GG
LL      II      NNNN     NN  KK      KK  MM      MM  SS      GG
LL      II      NN  NN  NN  KKKKKK  MM      MM  SSSSSS  GG
LL      II      NN  NN  NN  KKKKKK  MM      MM  SSSSSS  GG
LL      II      NN      NNNN  KK      KK  MM      MM  SS      GG
LL      II      NN      NNNN  KK      KK  MM      MM  SS      GG
LL      II      NN      NN  KK      KK  MM      MM  SS      GG
LL      II      NN      NN  KK      KK  MM      MM  SS      GG
LLLLLLLLLLLL IIIIII  NN      NN  KK      KK  MM      MM  SSSSSSSS  GGGGGG
LLLLLLLLLLLL IIIIII  NN      NN  KK      KK  MM      MM  SSSSSSSS  GGGGGG
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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
LLLLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLLLL IIIIII  SSSSSSSS
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```
1      .TITLE LNK_MESSAGES V03-014
2      .IDENT "V04-000"
3      ---
4
5      Error messages for the VAX/VMS Linker
6
7      *****
8      *
9      *
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27     *
28     *
29     *****
30
31     ++
32     FACILITY: VAX/VMS Linker
33
34     ABSTRACT:
35
36         These are the error messages used by the Linker.
37
38     ENVIRONMENT:
39
40         VAX/VMS operating system, unprivileged user mode utility,
41         operates at non-AST level.
42
43     AUTHOR: Benn Schreiber, 18-Jun-1980
44
45     MODIFIED BY:
46
47         V03-014      JWT0133      Jim Teague      18-Aug-1983
48                     Add message for FT1 shr img name restriction. (lin$_maxshrnam)
49
50         V03-013      JWT0125      Jim Teague      21-Jun-1983
51                     Allow UNIV=* when accompanied by /NOEXE. Adjust message
52                     text accordingly.
53
54         V03-012      JWT0123      Jim Teague      27-Apr-1983
55                     Flag UNIVERSAL=* as an error.
56
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57	V03-011	JWT0116	Jim Teague	29-Apr-1983
58		New message lin\$_stdispic for SIO_xD commands of		
59		non-relocatable values in pic shr-images.		
60	V03-010	BLS0162	Benn Schreiber	22-Mar-1982
61		New message for /SHARE=COPY being used.		
62	V03-009	BLS0151	Benn Schreiber	21-Feb-1982
63		Add message for inability to allocate fixup section		
64	V03-008	BLS0111	Benn Schreiber	20-Nov-1981
65		Add messages for shareable image psect length errors		
66	V03-007	BLS0103	Benn Schreiber	10-Nov-1981
67		Add several new messages		
68	V03-006	BLS0090	Benn Schreiber	31-Oct-1981
69		Messages for environments and module local symbols		
70	V03-005	BLS0081	Benn Schreiber	17-Sep-1981
71		Messages for entity ident check		
72	V03-004	BLS0074	Benn Schreiber	29-Aug-1981
73		Shareable images again. Move some messages to different		
74		severities, add others.		
75	V03-003	BLS0042	Benn Schreiber	25-Feb-1981
76		New messages for copyalways sections		
77	V03-002	BLS0025	Benn Schreiber	10-Nov-1980
78		New messages for enhanced shareable images		
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80				
81				
82				
83				
84				
85				
86				
87				
88				
89				

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00000064 90
          91 .FACILITY LINK,100/SYSTEM /PREFIX=LINS_
          92
          93 .SEVERITY SUCCESS
          94
          95 .SEVERITY INFORMATIONAL
          96
0064800B 97 BASDUERRS <basing image due to errors in relocatable references>
00648013 98 DATMISMCH/FAO=4 <creation date of !17XD in shareable image !AS!! differs from date of !17XD
0064801B 99 IDMISMCH/FAO=6 <GSMATCH of !2XL,!6XL in shareable image !AS!! differs from GSMATCH of !2XL
00648023 100 LIBFIND/FAO=4 <failed to find valid module or STB at RFA %X!XL:~X!XL!! for module !AC fil
0064802B 101 NONPICDAT/FAO=3 <!UL relocatable address reference!XS!! in module !AC file !AS>
00648033 102 NONPICIMG/FAO=1 <shareable image !AS is non-position independent>
0064803B 103 OPTIGNSHR <option ignored for shareable image>
00648043 104 OPTIGNSYS <option ignored for system image>
0064804B 105 TRACIGN <supression of traceback overridden by DEBUG specification>
00648053 106 TFRSYS/FAO=1 <transfer address in system image !AS ignored>
0064805B 107 UDFENV/FAO=1 <!AC>
00648063 108 UDFSVM/FAO=2 <!-!2(AC)>
          109
          110 .SEVERITY WARNING
          111
0064806B 112 ADRWRTDAT/FAO=4 <address data in shareable writeable section!! in psect !AC offset %X!XL!!
00648070 113 ALREDEF/FAO=5 <multiple .TRANSFER for symbol !AC illegal!! psect !AC offset %X!XL!! in m
00648078 114 BASESYM/FAO=1 <base address symbol !AC is undefined or relocatable>
00648080 115 BASSHRBEL/FAO=3 <shareable image !AS has base of %X!XL!! which is below image base of %X!XL
00648088 116 CLUBELBAS/FAO=3 <base address of %X!XL for cluster !AC!! is below image base of %X!XL>
00648090 117 CRFERR/FAO=1 <error encountered in Cross Reference>
00648098 118 DBGTFR/FAO=1 <image !AS has no Debugger transfer address>
006480A0 119 EMPTYFILE/FAO=1 <no modules found in file !AS>
006480A8 120 ENTIDMTCH/FAO=8 <!AC ident of !AC for entity !AC!! in module !AC file !AS!! does not match
006480B0 121 ENTIDMTCHB/FAO=10 <!AC ident of !XB,!6XL for entity !AC!! in module !AC file !AS!! does no
006480B8 122 ENTIDMTCHO/FAO=7 <object type of !AC for entity !AC!! in module !AC file !AS!! does not ma
006480C0 123 ENTIDMTCHT/FAO=5 <ident type for entity !AC!! in module !AC file !AS!! differs from ident
006480C8 124 EOMSTK/FAO=3 <!UL items left on Linker internal stack!! in module !AC file !AS>
006480D0 125 FAOFAIL <FAO system service failure>
006480D8 126 GSDTYP/FAO=3 <illegal GSD record type (!UL.)!! in module !AC file !AS>
006480E0 127 ILLFMLCNT/FAO=5 <Minimum argument count (!UL.) exceeds maximum (!UL.)!! in formal specifica
006480E8 128 ILLRECLLEN/FAO=3 <illegal record length (!UL.)!! in module !AC file !AS>
006480F0 129 ILLRECTYP/FAO=4 <illegal record type (!UL.)!! in module !AC record !UL file !AS>
006480F8 130 ILLSHROPR/FAO=3 <illegal shareable image ref expression operator!! in module !AC record !UL
00648100 131 ILLSHRXPR/FAO=3 <illegal shareable image reference expression!! in module !AC record !UL fi
00648108 132 ILLTIR/FAO=4 <illegal relocation command (!UL.)!! in module !AC record !UL file !AS>
00648110 133 ILLVPS/FAO=4 <illegal position (!UL.) or size (!UL.) in STO_VPS command!! in module !AC
00648118 134 IMGBASED/FAO=1 <shareable image !AS is already based>
00648120 135 INTSTKOV/FAO=3 <Linker internal stack of !UL overflowed!! in module !AC file !AS>
00648128 136 INTSTKUN/FAO=3 <Linker internal stack of !UL underflowed!! in module !AC file !AS>
00648130 137 LIBNAMLNG/FAO=2 <library module name !AS has illegal length ?!UL.>
          138 !MAXEXCED/FAO=3 <!UL. !AC exceeds maximum allowed of !UL.>
00648138 139 MULDEF/FAO=3 <symbol !AC multiply defined!! in module !AC file !AS>
00648140 140 MULCLUOPT/FAO=2 <cluster !AC multiply defined!! in options file !AS>
00648148 141 MULDEFPS/FAO=3 <psect !AC multiply defined!! in module !AC file !AS>
00648150 142 MULPSC/FAO=3 <conflicting attributes for psect !AC!! in module !AC file !AS>
00648158 143 MULTFR/FAO=2 <multiply defined transfer address!! in module !AC file !AS>
00648160 144 NOEOM/FAO=3 <no end of module record found!! in module !AC file !AS>
00648168 145 NOEPM/FAO=3 <undefined entry mask of symbol !AC referenced!! in module !AC file !AS>

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00648170 146 NONPICREF/FAO=4 <failure to use .ADDRESS for relocatable data !/_in psect !AC offset %X!XL!
00648178 147 NOSUCHMOD/FAO=2 <module !AS not found!/_in library !AS>
00648180 148 NOTIMGLIB/FAO=1 <file !AS is not a shareable image symbol table library>
00648188 149 NOTPSECT/FAO=2 <relocation base set to other than psect base!/_in module !AC file !AS>
00648190 150 NUDFENV/FAO=1 <!UL undefined environment!%S:>
00648198 151 NUDFLSYMS/FAO=1 <!UL undefined module-local symbol!%S:>
006481A0 152 NUDFSYMS/FAO=1 <!UL undefined symbol!%S:>
006481A8 153 OVRALI/FAO=3 <conflicting alignment on overlaid psect !AC!/_in module !AC file !AS>
006481B0 154 PSCALI/FAO=4 <psect !AC alignment (!UL.) illegal!/_in module !AC file !AS>
006481B8 155 PSCNXR/FAO=2 <transfer address is not in executable, relocatable psect!/_in module !AC f
006481C0 156 RECLNG/FAO=2 <file !AS has a record of illegal length (!UL.)>
006481C8 157 RECTYP/FAO=3 <file !AS record !UL is illegal (!UL.)>
006481D0 158 SEQNCE/FAO=2 <illegal record sequence!/_in module !AC file !AS>
006481D8 159 SHRCPYIGN <COPY value for /SHARE qualifier ignored, using NOCOPY>
006481E0 160 SHRSEPCLU/FAO=0 <shareable image being placed in separate cluster>
006481E8 161 SHRPSCREF/FAO=5 <reference to psect !AC is not position independent!/_in psect !AC offset %
006481F0 162 SHRSYMREF/FAO=5 <reference to symbol !AC is not position independent!/_in psect !AC offset
006481F8 163 SHRSYMTRA/FAO=5 <Attempted .TRANSFER of shareable image symbol !AC illegal!/_in psect !AC o
00648200 164 STALITUDF/FAO=4 <Stack of undefined literal !UL in record !UL!/_in module !AC file !AS>
00648208 165 STKOVFLO/FAO=2 <stack of !UL pages falls below control region to %X!XL>
00648210 166 TIRLNG/FAO=4 <object command data overflows record by !UL. bytes!/_in module !AC record
00648218 167 TIRNYI/FAO=4 <unimplemented TIR command (!UL.) encountered!/_in module !AC record !UL fi
00648220 168 TRUNC/FAO=4 <truncation error in psect !AC offset %X!XL!/_in module !AC file !AS>
00648228 169 TRUNCDAT/FAO=3 <computed value is %X!XL!/_value written is %X!XL at location %X!XL>
00648230 170 UDEFPS/FAO=3 <attempt to reference undefined psect number !UL!/_in module !AC file !AS>
00648238 171 USEUDFENV/FAO=5 <undefined environment !AC referenced!/_in psect !AC offset %X!XL!/_in mod
00648240 172 USEUDFEN2/FAO=5/ID=USEUDFENV <undefined environment number !UL referenced!/_in psect !AC of
00648248 173 USEUDFLSY/FAO=5 <undefined module-local symbol !AC referenced!/_in psect !AC offset %X!XL!/_
00648250 174 USEUNDEF/FAO=5 <undefined symbol !AC referenced!/_in psect !AC offset %X!XL!/_in module !
00648258 175 USEUNDEF2/FAO=3/ID=USEUNDEF <undefined symbol !AC referenced in debug or traceback record!/_
00648260 176 USRTFR/FAO=1 <image !AS has no user transfer address>
00648268 177 WARNISUE <completed with warnings>
00648270 178 WRNERS/FAO=2 <compilation warnings!/_in module !AC file !AS>
00648278 179 STDISPIC/FAO=4 <illegal non-relocatable displacement value!/_in psect !AC offset %X!XL!/_
00648280 180 UNIVSTAR <UNIVERSAL=* option is ignored unless /NOEXECUTABLE specified>
00648288 181 MAXSHRNAM/FAO=1 <shareable image name !AF exceeds maximum length !/_of 11 characters -- nam
182
183 .SEVERITY ERROR
184
00648292 185 CONFBASADR/FAO=5 <conflicting base address for image !AC!/_base of %X!XL in file !AS!/_con
0064829A 186 CONFIXMEM/FAO=1 <conflicting virtual memory requirement!/_for fixup section for image !AS!/_
006482A2 187 CONFMEM/FAO=3 <conflicting virtual memory requirement!/_at %X!XL for !UL. pages in cluste
006482AA 188 ERRORISUE <completed with errors>
006482B2 189 ERRORS/FAO=2 <compilation errors!/_in module !AC file !AS>
006482BA 190 GETPTIERR/FAO=4 <error from $GETPTI, buffer %X!XL:%X!XL, image VPN !UL. for !UL. pages>
006482C2 191 INSVIRMEM/FAO=2 <insufficient virtual memory for !UL. pages!/_for cluster !AC>
006482CA 192 LINERR/FAO=1 <command line segment in error!/_2(_)\!AS\>
006482D2 193 MEMFUL <insufficient virtual address space to complete this link>
006482DA 194 MULSHRPSC/FAO=3 <psect !AC defined in shareable image !AS!/_is multiply defined in shareabl
006482E2 195 NOGSDREF/FAO=3 <no GSD reference to shareable image symbol !AC found!/_in module !AC file
006482EA 196 NOIMGFIL <image file not created>
006482F2 197 OPTLIN/FAO=3 <options line in error!/_!AS!AS!AS>
006482FA 198 OUTSIMG/FAO=6 <attempted store location %X!XL is outside !AC (%X!XL to %X!XL)!/_in module
00648302 199 OUTSIMG/IDENT=OUTSIMG/FAO=7 <attempted store location %X!XL is outside !AC (%X!XL to %X!XL)
0064830A 200 SHRPSCNNG/FAO=6 <Psect !AC has length of !UL!/_in module !AC file !AS!/_which exceeds leng
00648312 201 EXPAGQUO <exceeded page file quota>
202
```

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203          .SEVERITY          SEVERE
204
0064831C    205 BADCCC/FAO=3      <bad compilation completion code (!UL.)!! in module !AC file !AS>
00648324    206 BADIMGHDR/FAO=1  <bad image header!! in shareable image file !AS>
0064832C    207 BADPSC/FAO=3     <transfer address in unknown psect (!UL.)!! in module !AC file !AS>
00648334    208 CMDSYNTAX       <command line syntax error>
0064833C    209 CMDTOOLONG/FAO=1 <command line too long in options file !AS>
00648344    210 CONQUAL        <conflicting qualifiers>
0064834C    211 EOMFTL/FAO=2     <link abort specified!! in module !AC file !AS>
00648354    212 EXCPSC/FAO=2     <more than 65535 psects defined!! in module !AC file !AS>
0064835C    213 FATALERROR      <fatal error message issued>
00648364    214 FIRSTMOD        <first input file being a library requires module extraction>
0064836C    215 FORMAT          <file has illegal format>
00648374    216 ILLNAMELEN/FAO=6 <!AC !AC name length (!UL.) is illegal - not 1 to !UL.!! in module !AC fil
0064837C    217 ILLQUALVAL      <illegal qualifier value>
00648384    218 MEMBUG/FAO=3      <memory (de)allocation bug !UL, %X!XL, !UL>
0064838C    219 MODNAM/FAO=2     <module !AC name length is illegal - not 1 to !UL.>
00648394    220 NOMODS          <no input modules specified (or found)>
0064839C    221 NOPSCTS/FAO=2    <no psects defined in module !AC file !AS>
006483A4    222 NOTOBJLIB/FAO=1  <file !AS is not an object library>
006483AC    223 !OPTLENERR/FAO=6 <!AC option argument !AS has illegal length (!UL.) - not !UL. to !UL.!! in
006483B4    224 OPTSYNERR/FAO=1  <syntax error in options file !AS>
006483BC    225 OPTVALERR/FAO=5  <!AC option value !UL. is out of range (!UL. to !UL.)!! in options file !AS
006483C4    226 OPTARGMIS/FAO=1 <missing argument in options file !AS>
006483CC    227 PREMEOF/FAO=1    <premature end of file encountered in options file !AS>
006483D4    228 RELINK/FAO=2     <file !AS contains deferred relocation!! Relink !AS and all images linked a
006483DC    229 SHRINSYS        <shareable image(s) cannot be linked into a system image>
230 STRLVL/FAO=4    <illegal object language structure level (!UL.) should be !UL.!! in module
231
232          .END

```

There were 0 errors, 0 warnings, and 0 informational messages issued.
 MESSAGE/FILE_NAME=PRGDEVMSG/LIS=LISS:LINKMSG/OBJ=OBJ\$:LINKMSG MSRC\$:LINKMSG

0216 AH-BT13A-SE
VAX/VMS V4.0

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