

```

SSSSSSSSSSSS 00000000 RRRRRRRRRR TTTTTTTTTT 33333333 22222222
SSSSSSSSSSSS 00000000 RRRRRRRRRR TTTTTTTTTT 33333333 22222222
SSSSSSSSSSSS 00000000 RRRRRRRRRR TTTTTTTTTT 33333333 22222222
SSS          000      000  RRR      RRR  TTT          333      222
SSS          000      000  RRR      RRR  TTT          333      222
SSS          000      000  RRR      RRR  TTT          333      222
SSS          000      000  RRR      RRR  TTT          333      222
SSS          000      000  RRR      RRR  TTT          333      222
SSS          000      000  RRR      RRR  TTT          333      222
SSSSSSSSSS 000      000  RRRRRRRRRR TTT          333      222
SSSSSSSSSS 000      000  RRRRRRRRRR TTT          333      222
SSSSSSSSSS 000      000  RRRRRRRRRR TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSS          000      000  RRR  RRR  TTT          333      222
SSSSSSSSSSSS 00000000 RRR      RRR  TTT          33333333 22222222
SSSSSSSSSSSS 00000000 RRR      RRR  TTT          33333333 22222222
SSSSSSSSSSSS 00000000 RRR      RRR  TTT          33333333 22222222

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SSSSSSSS 000000 RRRRRRRR MM MM SSSSSSSS GGGGGGGG
SSSSSSSS 000000 RRRRRRRR MM MM SSSSSSSS GGGGGGGG
SS 00 00 RR RR MMMM MMMM SS GG
SS 00 00 RR RR MMMM MMMM SS GG
SS 00 00 RR RR MM MM SS GG
SSSSSS 00 00 RRRRRRRR MM MM SSSSSS GG
SSSSSS 00 00 RRRRRRRR MM MM SSSSSS GG
SS 00 00 RR RR MM MM SS GG
SS 00 00 RR RR MM MM SS GG
SS 00 00 RR RR MM MM SS GG
SSSSSSSS 000000 RR RR MM MM SSSSSSSS GGGGGG
SSSSSSSS 000000 RR RR MM MM SSSSSSSS GGGGGG

```

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LL LL SSSSSSSS
LL LL SSSSSSSS
LL II SS
LL II SS
LL II SS
LL II SSSSSS
LL II SSSSSS
LL II SS
LL II SS
LL II SS
LLLLLLLLLL IIIIII SSSSSSSS
LLLLLLLLLL IIIIII SSSSSSSS

```



```

1      .TITLE      SOR$MSG
2      .IDENT      'V04-000'      ! File: SORMSG.MSG Edit: PDG3024
3
4      *****
5      *
6      *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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22     *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
23     *
24     *
25     *****
26
27
28     ++
29
30     FACILITY:      VAX-11 SORT/MERGE
31
32     ABSTRACT:
33
34           This file contains the definition for the SORT facility specific
35           error messages. The facility code for SORT/MERGE is 28.
36
37     ENVIRONMENT:  VAX/VMS user mode
38
39     AUTHOR: P. Gilbert, CREATION DATE: 15-Feb-1982
40
41     MODIFIED BY:
42
43           T03-015      Original
44           T03-018      Changed the severity of WORK_DEV from fatal to severe.
45                       PDG 16-Dec-1982
46           T03-019      Added OPERFAIL, REQ_ALT and USE_ALT. PDG 21-Dec-1982
47           T03-020      Add new messages for errors with collating sequences.
48                       PDG 26-Jan-1983
49           T03-021      Added new messages for CUD errors. PDG 11-Feb-1983
50           T03-022      Added ENDDIAGS. PDG 16-Mar-1983
51           T03-023      Change text of COL PAD. PDG 20-Apr-1983
52           T03-024      Added OPREPLY. PDG 9-May-1983
53     --
54
55     ! Some error messages were issued by old versions of VAX-11 SORT/MERGE,
56

```

57 | but are no longer be issued. These must still be defined.

58 |
59 | Some error messages will be used by the new version of VAX-11 SORT/MERGE,
60 | but are not yet issued by the code. These are prefixed with a "?".
61 |

```

000001C 62
        63 .FACILITY      SORT,28 /SYSTEM /PREFIX=SORS_ /MACRO=$SORDEF
        64 .SEVERITY      FATAL
        65 .BASE        0
        66
001C8004 67 MISS_KEY        <OBS>
001C800A 68 WORK_DEV      <work file !AS must be on random access local device>/FAO=1/ERROR
001C8012 69 NO_WRK        <work files required, cannot do sort in memory as requested>/ERROR
001C801C 70 VM_FAIL      <OBS>
001C8024 71 WS_FAIL      <OBS>
001C802C 72 SORT_ON      <sort or merge routines called in incorrect order>/FATAL
001C8034 73 BAD_KEY      <invalid key specification>/FATAL
001C803C 74 NUM_KEY      <too many keys specified>/FATAL
001C8044 75 BAD_LEN      <OBS>
001C804C 76 ONE_IN      <OBS>
001C8054 77 IND_OVR      <indexed output file must already exist>/FATAL
001C805C 78 INCONSIS    <OBS>
001C8060 79 VAR_FIX      <?some records may be truncated on output>/WARNING
001C806C 80 BAD_TYPE    <invalid sort process specified>/FATAL
001C8074 81 LRL_MISS    <longest record length must be specified>/FATAL
001C807C 82 BAD_SPEC    <?invalid specification file record, field: !AS>/FAO=1/FATAL
001C8082 83 BAD_LRL     <record length (!UL) greater than specified longest record length>/F
001C808C 84 BAD_FILE    <OBS>
001C8094 85 BAD_ADR     <OBS>
001C809C 86 MAP        <OBS>
001C80A4 87 EXTEND     <unable to extend work file for needed space>/FATAL
001C80AA 88 KEY_LEN     <invalid key length, key number !SL, length !SL>/FAO=2/ERROR
001 30B4 89 CLEAN_UP   <OBS>
001C80BA 90 BAD_MERGE   <number of work files must be between 0 and 10>/ERROR
001C80C4 91 BAD_ROUTIN  <OBS>
001C80CC 92 INP_FILES   <too many input files specified>/FATAL
001C80D0 93 BAD_ORDER   <merge input is out of order>/WARNING

```

94 |
95 | V3B messages are defined below
96 |

```

001C80DC 97 DUP_OUTPUT   <output file has already been specified>/FATAL
001C80E4 98 MISS_PARAM  <a required subroutine parameter is missing>/FATAL
001C80E9 99 END_SORT    <sort/merge terminated, context = !XL>/FAO=1/SUCCESS
001C80F2 100 KEYED       <mismatch between sort/merge keys and primary file key>/ERROR
001C80F8 101 BAD_SRL     <record length (!UL) is too short to contain keys>/FAO=1/WARNING
001C8104 102 NODOPXC    <equal-key routine and no-duplicates option cannot both be specified
001C8109 103 DELETE1    <delete the first record from the sort>/SUCCESS
001C8111 104 DELETE2    <delete the second record from the sort>/SUCCESS
001C8119 105 DELBOTH    <delete both records from the sort>/SUCCESS
001C8122 106 NYI        <functionality is not yet implemented>/ERROR
001C812A 107 RTNERROR   <unexpected error status from user-written routine>/ERROR
001C8134 108 KEYAMBINC  <key specification is ambiguous or inconsistent>/FATAL
001C813C 109 OBS 0      <OBS>
001C8142 110 ROPRAND    <utility converted a reserved operand to a valid value>/ERROR
001C814C 111 UNDOPTION  <undefined option flag was set>/FATAL
001C8154 112 STABLEEXC  <equal-key routine and stable option cannot both be specified>/FATAL
001C815C 113 SRTIWA     <insufficient space; specification file is too complex>/FATAL

```

001C8160	114	SPCOVR	<overridden specification, at line !UL>/WARNING/FAO=1
001C8168	115	SPCMIS	<invalid merge specification, at line !UL>/WARNING/FAO=1
001C8170	116	SPCSIS	<invalid sort specification, at line !UL>/WARNING/FAO=1
001C817C	117	SPCIVP	<invalid sort process, at line !UL>/FATAL/FAO=1
001C8184	118	SPCIVS	<invalid specification, at line !UL>/FATAL/FAO=1
001C818C	119	SPCIVC	<invalid collating sequence specification, at line !UL>/FATAL/FAO=1
001C8194	120	SPCIVF	<invalid field specification, at line !UL>/FATAL/FAO=1
001C819C	121	SPCIVD	<invalid data type, at line !UL>/FATAL/FAO=1
001C81A4	122	SPCIVX	<invalid condition specification, at line !UL>/FATAL/FAO=1
001C81AC	123	SPCIVK	<invalid key or data specification, at line !UL>/FATAL/FAO=1
001C81B4	124	SPCIVI	<invalid include or omit specification, at line !UL>/FATAL/FAO=1
001C81BC	125	INCNOKEY	<include specification references no keys, at line !UL>/FATAL/FAO=1
001C81C4	126	INCNOATA	<include specification references no data, at line !UL>/FATAL/FAO=1
001C81CA	127	INVFOLD	<FOLD has no meaning in this context, at line !UL>/ERROR/FAO=1
001C81D4	128	OPERFAIL	<error requesting operator service>/FATAL
001C81DB	129	REQ_ALT	'specify alternate !AC file (or nothing to simply try again)!/SORT>
001C81E3	130	USE_ALT	<using alternate !AC file !AS>/FAO=2/INFORMATIONAL
	131		
001C81EC	132	COL_ADJ	<>/FATAL
001C81F4	133	COL_CMPLX	<collating sequence is too complex>/FATAL
001C81FC	134	COL_CHAR	<invalid character definition>/FATAL
001C8204	135	COL_PAD	<invalid pad character>/FATAL
001C820C	136	COL_THREE	<cannot define 3-byte collating values>/FATAL
	137		
001C8212	138	BADDTYPE	<invalid or unsupported CDD datatype>/ERROR
001C821A	139	BADLENOFF	<length and offset must be multiples of 8 bits>/ERROR
001C8224	140	BADOCURS	<invalid OCCURS clause>/FATAL
001C822A	141	BADOVLAY	<invalid overlay structure>/ERROR
001C8234	142	BADPROTCL	<node is an invalid CDD object>/FATAL
001C823C	143	CDDERROR	<CDD error at node !AS>/FATAL/FAO=1
001C8242	144	ILLBASE	<nondecimal base is invalid>/ERROR
001C824C	145	ILLLITERL	<record containing symbolic literals is unsupported>/FATAL
001C8252	146	ILLSCALE	<nonzero scale invalid for floating point data-item>/ERROR
001C825A	147	INCDIGITS	<number of digits is not consistent with the type or length of item>
001C8260	148	MISLENOFF	<length and offset required>/WARNING
001C826A	149	MULTIDIM	<invalid multidimensional OCCURS>/ERROR
001C8274	150	NOTRECORD	<node !AS is a !AS, not a record definition>/FATAL/FAO=2
001C8278	151	SIGNCOMPQ	<Absolute Date and Time datatype represented in one second units>/WA
001C8284	152	UNSUPLEVL	<unsupported core level for record !AS>/FATAL/FAO=1
001C828B	153	ENDDIAGS	<completed with diagnostics>/INFORMATIONAL
001C8293	154	OPREPLY	<operator reply is '!AS'>/FAO=1/INFORMATIONAL
001C8299	155	CHKPNT	<checkpoint taken at !%D>/FAO=1/SUCCESS
	156		
	157	.END	

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

The image displays a grid of 120 small, illegible document thumbnails arranged in 10 rows and 12 columns. The thumbnails are arranged in a regular grid pattern. Several thumbnails contain legible text, including the following labels:

- SORMSTO LIS
- SORMSG LIS
- SORSRIO LIS
- SOROUTPUT LIS
- SORLIB LIS

The remaining thumbnails are too small and faded to read. The overall appearance is that of a microfiche or a similar digital storage format.