


```

CCCCCCCC 000000 BBBB8888 MM MM SSSSSSSS GGGGGGGG
CCCCCCCC 000000 88888888 MM MM SSSSSSSS GGGGGGGG
CC        00      00  BB      BB MMMM MMMM SS      GG
CC        00      00  BB      BB MMMM MMMM SS      GG
CC        00      00  BB      BB MM MM MM SS      GG
CC        00      00  BB      BB MM MM MM SS      GG
CC        00      00  88888888 MM MM SSSSSS GG      GG
CC        00      00  88888888 MM MM SSSSSS GG      GG
CC        00      00  BB      BB MM MM MM SS      GG
CC        00      00  BB      BB MM MM MM SS      GG
CC        00      00  BB      BB MM MM MM SS      GG
CCCCCCCC 000000 88888888 MM MM SSSSSSSS GGGGGG .....
CCCCCCCC 000000 88888888 MM MM SSSSSSSS GGGGGG .....

```

```

LL        111111 SSSSSSSS
LL        111111 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 111111 SSSSSSSS
LLLLLLLLLL 111111 SSSSSSSS

```

```

1      .TITLE COB$MSGDEF      COB$ facility messages
2      .IDENT '2-011'        ! File: COBMSG.MSG Edit: LGB2011
3
4      *****
5      *
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24     *
25     *****

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26
27
28
29 Edit History:
30
31 2-001 - Convert to MESSAGE utility source format. Adapted from COBMSG.MDL.
32         version 1-019. SBL 22-Apr-1981
33 2-002 - Use COB$ facility for COB$ NORMAL. SBL 27-Apr-1981
34 2-003 - Copied changes made to COBMSG.MDL to this MSG file. The messages
35         added include COB$_LSTHNDUSE, COB$_LSTHNDLDB, and COB$_EXPDBOVER.
36         LB 7-MAY-81.
37 2-004 - Added COB$ KEYNOTMAT. PDG 24-Jul-81.
38 2-005 - Added .TITCE PDG 26-Jul-81.
39 2-006 - Added COB$_UNLUNOFIL and COB$_RECNOTLOC. PDG 7-AUG-81.
40 2-007 - Updated Copyright date and fixed spelling error. LB 9-AUG-81.
41 2-008 - Added COB$_UNLNO CUR. LB 29-OCT-81.
42 2-009 - Changed COB$_GOTNO_ALT to be COB$_GOTO ALT. This had been in
43         error in this file as well as in COBERROR. LB 1-APR-82.
44 2-010 - Change title to COB$MSGDEF. SBL 28-Aug-1982
45 2-011 - Added COB$_ERRDURPOS for COB$POS_ERASE and COB$_REAMP D R
46         for COB$IOEXCEPTION. LGB 6-SEP-83
47         Added COB$_INVDEFVAL for COB$ACCEPT LGB 3-OCT-83
48
49

```

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50 Symbols are defined following the standard for global names:
51
52 COB$_abcmnoxyz
53
54 In addition, the library standards specify that the letters "abc", "mno",
55 and "xyz" are the first three letters of the first three words of the error
56 message, not counting articles and prepositions.

```

```

57 |
58 |
59 |
60 | MACRO-32 Programming:
61 |
62 | The macro call:
63 |
64 |     $COBDEF
65 |
66 | will cause all symbols to be made available to the module.
67 | The Run-time Library declares these symbols as EXTERNAL;
68 | the macros are provided only for the convenience of the user.
69 |
70 | -
71 |
72 |
73 |
74 |
75 | ; Note: Error codes must not overlap success codes!!!
76 |
0000019 77 | .FACILITY      COB,25 /SYSTEM
78 |
79 |
80 | .SEVERITY      SUCCESS
81 | .BASE          0
82 |
00198001 83 | NORMAL        <ncrmal successful completion>
84 |
85 | .SEVERITY      FATAL
86 | .BASE          8
87 |
00198044 88 | GOTO ALT      <GO TO with no preceding ALTER>
0019804C 89 | RECACTPER    <recursive activation of PERFORM>
00198054 90 | NESERRPER    <nesting error for PERFORM>
0019805C 91 | TIMOVELON    <TIMES value overflows longword>
00198064 92 | OCCDEPOVE    <OCCURS DEPENDING value overflows longword>
0019806C 93 | SUBOVELON    <subscript or reference modifier overflows longword>
00198074 94 | ERRDURSOR    <error during SORT or MERGE>
0019807C 95 | UNEINSCON    <INSPECT CONVERTING lengths unequal>
00198084 96 | CALFAI       <CALL failed on routine (!AS)> /FAO=1
0019808C 97 | INVLINVAL    <invalid LINAGE value on file>
98 |             ***** NO_USEPRO must be the first error
99 |             ***** message associated with
100 |             ***** COB$IOEXCEPTION. It is used as
101 |             ***** the base of an encoding algorithm.
102 |
00198094 103 | NO_USEPRO     <no USE procedure available for error on file !AS> /FAO=1
0019809C 104 | ERRON FIL     <error on file !AS> /FAO=1
001980A4 105 | OPTMISOPE     <optional file !AS missing on OPEN> /FAO=1
001980AC 106 | FILALRLOC     <file !AS is already locked> /FAO=1
001980B4 107 | FILALROPE     <file !AS is already open> /FAO=1
001980BC 108 | FILCLOLOC     <file !AS is closed with LOCK> /FAO=1
001980C4 109 | NO_SPACE      <no filespace on device for file !AS> /FAO=1
001980CC 110 | FI[NOT]FOU    <file !AS not found on OPEN> /FAO=1
001980D4 111 | OPTMISCLO     <optional file !AS missing on CLOSE> /FAO=1
001980DC 112 | FILALRCLO     <file !AS already closed> /FAO=1
001980E4 113 | NO_NEXLOG     <no next logical record on file !AS> /FAO=1

```

001980EC	114	OPTMISREA	<optional file !AS missing on READ> /FAO=1
001980F4	115	NO NEXVAL	<no next valid record on file !AS> /FAO=1
001980FC	116	RECLOCREA	<record on file !AS is already locked (READ attempt)> /FAO=1
00198104	117	RECLOC OK	<record on file !AS already locked, but ok> /FAO=1
0019810C	118	REAUNOFIL	<attempting READ on unopened file !AS> /FAO=1
00198114	119	REAINCOPE	<READ on file !AS incompatible with OPEN mode> /FAO=1
0019811C	120	WRIBEYBOU	<attempting WRITE beyond boundaries of file !AS> /FAO=1
00198124	121	WRIUNOFIL	<attempting WRITE on unopened file !AS> /FAO=1
0019812C	122	WRIINCOPE	<WRITE on file !AS incompatible with OPEN mode> /FAO=1
00198134	123	REWNO R S	<attempting REWRITE on file !AS with no previous READ or START> /FAO=1
0019813C	124	REWUNOFIL	<attempting REWRITE on unopened file !AS> /FAO=1
00198144	125	REWINCOPE	<REWRITE on file !AS incompatible with OPEN mode> /FAO=1
0019814C	126	RECNOTEXI	<record does not exist on file !AS> /FAO=1
00198154	127	OPTMISSTA	<optional file !AS missing on START> /FAO=1
0019815C	128	RECLOCSTA	<record on file !AS is already locked (START attempt)> /FAO=1
00198164	129	STAUNOFIL	<attempting START on unopened file !AS> /FAO=1
0019816C	130	STAINCOPE	<START on file !AS incompatible with OPEN mode> /FAO=1
00198174	131	RECLOCWRI	<record on file !AS is already locked (WRITE attempt)> /FAO=1
0019817C	132	RECLOCDEL	<record on file !AS is already locked (DELETE attempt)> /FAO=1
00198184	133	DELNO R S	<attempting DELETE on file !AS without previous READ or START> /FAO=1
0019818C	134	DELUNOFIL	<attempting DELETE on unopened file !AS> /FAO=1
00198194	135	DELINCOPE	<DELETE on file !AS incompatible with OPEN mode> /FAO=1
0019819C	136	RECLOCREW	<record on file !AS is already locked (REWRITE attempt)> /FAO=1
001981A4	137	WRIDUPKEY	<attempting WRITE of duplicate key in file !AS> /FAO=1
001981AC	138	WRICREDUP	<WRITE created an allowed duplicate alternate key on file !AS> /FAO=1
001981B4	139	WRINOTASC	<attempting to WRITE non-ascending ISAM key on file !AS> /FAO=1
001981BC	140	WRIDUPALT	<attempting to WRITE duplicate alternate key on file !AS> /FAO=1
001981C4	141	REWCREDUP	<REWRITE created an allowed duplicate alternate key on file !AS> /FAO=1
001981CC	142	PRIKEYCHA	<primary record key on file !AS changed between READ and REWRITE> /FAO=1
001981D4	143	REWDISDUP	<attempting to REWRITE disallowed duplicate key on file !AS> /FAO=1
001981DC	144	WRIDISDUP	<attempting to WRITE disallowed duplicate key on file !AS> /FAO=1
001981E4	145	REASMAMIN	<attempting READ of variable length smaller than minimum allowed from file !AS> /FAO=1
001981EC	146	EOFON ACC	<end-of-file detected on ACCEPT from file !AS> /FAO=1
001981F4	147	ERRDURACC	<error during ACCEPT from file !AS> /FAO=1
001981FC	148	DISMORMAX	<attempting to DISPLAY more than !SL characters on a single DISPLAY> /FAO=1
00198204	149	INTEXPOVE	<intermediate exponent overflow>
0019820C	150	INTEXPUND	<intermediate exponent underflow>
00198214	151	INTRESOPE	<intermediate reserved operand>
0019821C	152	INTDIVZER	<intermediate divide by zero>
00198224	153	INVDECDIG	<invalid decimal digit: '!AC'> /FAO=1
0019822C	154	UNDEF EXP	<attempting undefined exponentiation -- negative base raised to frac>
00198234	155	WRISMAMIN	<attempting WRITE of variable length smaller than minimum allowed on file !AS> /FAO=1
0019823C	156	REWSMAMIN	<attempting REWRITE of variable length smaller than minimum allowed on file !AS> /FAO=1
00198244	157	NAMNOTLIN	<attempting to CANCEL routine (!AS), not in linked image> /FAO=1
0019824C	158	INVCHANAM	<invalid character (hexadecimal !XB) in name string> /FAO=1
00198254	159	ORGNOTMAT	<attempting to open file !AS whose actual organization does not match file !AS> /FAO=1
0019825C	160	CANFAIL	<CANCEL failed on routine (!AS)> /FAO=1
00198264	161	INVARG	<invalid argument>
0019826C	162	FAIGET VM	<failure to get virtual memory>
00198274	163	FAIFREEVM	<failure to free virtual memory>
0019827C	164	ERRDURDIS	<error during DISPLAY on file !AS> /FAO=1
00198284	165	USE EXIT	<>
0019828C	166	REACTUSE	<recursive activation of USE procedure>
00198294	167	FATINTERR	<fatal internal error>
0019829C	168	FAIGET EF	<failure to get event flag>
001982A4	169	SETEXTFAI	<SET external switch failed>
001982AC	170	INVDECDAT	<invalid decimal data>

001982B4	171	LSTHNDUSE	<lost handler for a USE procedure - environment corrupted !2(+)>/FA0
001982BC	172	LSTHNDLDB	<lost handler for data base exception - environment corrupted !+>/FA
001982C4	173	EXPDBOVER	<expression value in data base argument list overflows longword>
001982CC	174	KEYNOTAAT	<attempting to open indexed file !AS whose actual keys do not match
001982D4	175	JNLUNOFIL	<attempting UNLOCK on unopened file !AS> /FA0=1
001982DC	176	RECNOTLOC	<record not locked in file !AS (UNLOCK attempt)> /FA0=1
001982E4	177	UNLNC_CUR	<attempting UNLOCK on file !AS with no current record> /FA0=1
001982EC	178	REAMP_D R	<READ must precede DELETE or REWRITE in sequential access mode>
001982F4	179	ERRDURPOS	<error during Positioning on file !AS> /FA0=1
001982FC	180	INVDEFVAL	<Default value too large for ACCEPT destination>
	181	.END	
	182		
	183 !	[End of file COBMSG.MSG]	

There were 0 errors, 0 warnings, and 0 informational messages issued.
 MESSAGE/NOTEXT/LIS=LISS:COBMSG/OBJ=OBJ\$:COBMSG MSRCS:COBMSG

0063 AH-BT13A-SE
VAX/VMS V4.0

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The image displays a grid of 144 small, faded screenshots of various COBOL programs. Each screenshot shows a different program's output or code, with titles such as COBPAUSE LIS, COBMSG LIS, COBHANDLE LIS, COBINTAR LIS, COBINTER LIS, COBMILQ LIS, COBPOSERA LIS, COBIOEXCE LIS, COBIMAGE LIS, COBKEY LIS, and COBINUSE LIS. The screenshots are arranged in a 12x12 grid, with each cell containing a small, low-resolution image of a program's interface or code listing.