WINDMILL SOFTWARE ERROR CODES

0   No error

GPIBLIB

1   Unknown driver command code
2   TCSET value byte missing
3   TOSET value byte missing
4   No GPIB device ready
5   EOI signalled end of data
6   Terminating char found
7   Timed out waiting for data
8   Timed out during read cycle
9   Timed out waiting to send data

10 Timed out during write cycle
11 GPIB hardware missing or faulty
12 GPIB drivers not open
13 Copy protection problem

COMMSLIB

16 System or hardware configuration not suitable
17 Command not yet completed
18 Device not open
19 Bad COMMSLIB user handle

20 Previous reply still in system
21 No reply expected (prog error)
22 Transmission timeout while sending command
23 Specified device does not exist
24 Out of memory, or too many apps in use
25 No IML devices installed – need to run ConfIML
26 Problem with GPIB drivers - run TEST488 for details
27 Fatal error in link to IML device
28 Bad serial baud rate
29 Non-fatal error in link to IML device – recovery possible

30 Reply is bigger than buffer
31 Not requested (prog error)
32 Old version of GPIB drivers

33 No free buffers in COMMSLIB
34 No data packet ready
35 Data packet is too large

IMSLIB

50 System is being partitioned by SetupIML
51 Setup being configured by SetupIML
52 A channel is already in use
53 Specified setup file not found
54 IMS file format error
55 IMSLIB out of memory
56 IML device reported problem in setup - possibly intended for different hardware
57 Setup already loaded (NOT ERROR)
58 Setup load completed (NOT ERROR)
59 Bad Setup name

60 Lock count underflow (prog error)
61 Specified file already exists
62 Unable to create speficied file
63 Disk full while writing file
64 Failed to read channel details
65 Not in partitioning mode (prog error)
66 Bad IMSLIB operation code
67 Not in configuring mode (prog error)
68 Specified channel not in setup
69 Attempt to duplicate channel
70 Too many setups in use
71 Bad setup key number
72 Setup has been changed
73 IMSLIB DLL not loaded
74 Old version of IMSLIB
75 Buffer too small

IML – COMMAND EXECUTION

100 Unrecognised command or macro
101 Unspecified hardware failure
102 Unspecified software failure
103 Insufficient memory
104 Failed to write date into hardware
105 Failed to read data from hardware

106 Failed to configure hardware as required
107 Error in communication from host
108 Input value out of range
109 Output value out of range

110 Insufficient memory to store macro
111 Internal memory corrupted
112 Macros nested too deeply, or not
   recursive macro
113 Hardware configuration not suitable
114 Data not yet ready – try again later
115 Non-volatile storage corrupted
116 Unable to write to non-volatile storage
117 Unable to trigger high speed scan
118 Buffer overflow
119 Transfer aborted by user
120 End of data reached

IML – DEFINE COMMAND

200 channel number not available
201 channel name not known
202 channel grouped with preceding channel
203 no attributes specified
204 unrecognised attribute code
205 D attribute not applicable to this channel
206 D value is not suitable
207 E value is not suitable
208 F attribute not applicable to this channel
209 F value is not suitable

210 I attribute not applicable to this channel
211 I value is not suitable
212 M value is not suitable
213 Name already in use
214 Name not acceptable
215 Name must not begin with
   Frame-ID character
216 O attribute not applicable to this channel
217 O value is not suitable
218 R attribute not applicable to this channel
219 R value is not suitable

220 S attribute not applicable to this channel
221 S value is not suitable
222 T attribute not applicable to
   this channel
223 T value is not suitable

224 U value not acceptable
225 W attribute not applicable to this channel
226 W value is not suitable
227 C attribute not applicable to this channel
228 C value is not suitable
229 C channel is outside the device

IML – OTHER COMMANDS

300 SHOW – channel number not available
301 SHOW – channel name not known
302 SHOW – channel grouped with
   preceding channel
303 SHOW – unrecognised attribute code
304 LIST – wrong or missing parameters
305 DESCRIBE – channel number not
   available
306 DESCRIBE – channel name not
   known, or range not allowed

310 READ – channel number not available
311 READ – channel name not known
312 READ – range of channels not
   correctly specified
313 READ – channel is not enabled, or
   is grouped
314 READ – channel does not support
   Read command

320 WRITE – channel number not available
321 WRITE – channel name not known
322 WRITE – channel cannot accept
   output data
323 WRITE – channel is not enabled, or
   is grouped
324 WRITE – value is missing, or in
   wrong format
330 CLEAR – channel number not available
331 CLEAR – channel name not known
332 CLEAR – range of channels not
   correctly specified
333 CLEAR – channel is grouped
   with another

340 CCONFIG – wrong category specified
341 CCONFIG - value not acceptable
   for this category
342 CCONFIG – ASCII code list too long

343 CCONFIG – attempt to give character two conflicting meanings
344 DCONFIG – wrong category specified
345 COPTIONS – wrong option specified
346 COPTIONS – value is not 1 or 0

350 ZERO – channel number not available
351 ZERO – channel name not known
352 ZERO – channel number not available
353 ZERO – channel is not enabled
354 ZERO – channel not of correct type
355 ZERO – channel subfunction not available
356 ZERO AUTO – not possible to set zero level
357 ZERO DEF – offset not acceptable
358 ZERO DEF – ratio not acceptable
360 SAVE – wrong parameter specified

370 LEARN / END – wrong name given for macro
371 END encountered while not learning

380 CHW – unacceptable secondary address
381 CHW – unrecognised module name
382 CHW – unacceptable version number

390 STREAM – module number not acceptable
391 STREAM – byte count not acceptable
392 STREAM – trigger pulse width not acceptable

400 BSTREAM – bad channel number
401 BSTREAM – unacceptable byte count
402 BSTREAM – bad minimum packet size
403 BSTREAM – bad maximum packet size
404 BSTREAM – bad trigger flag

410 LIMITS – channel number not available
411 LIMITS – channel name not known
412 LIMITS – range of channels not correctly specified
413 LIMITS – channel is disabled or grouped
414 LIMMITS – this channel does not support Limits command

420 ESCAPE – channel number not available
421 ESCAPE – channel name not known or range not allowed

422 ESCAPE – no escape functions on this channel
423 ESCAPE – unsupported (or missing) function name
424 ESCAPE – required data value is missing
425 ESCAPE – data value is unacceptable

APPLICATIONS

1000 to 1999 are application specific errors

2000 User aborted operation
2001 No filename specified
2002 Dialog out of memory
2003 Too many channels connected
2004 No channels connected

2005 IML REPORT error
2006 Out of local heap space
2007 Common dialog failed
2008 No suitable channels exist
2009 Timeout waiting for IML reply

For IML 4.01 Oct 1992

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For help on dealing with
errors please see
windmill.co.uk/techsupp.html
or the program Help.
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