

Hard Drive Driver Compatibility

Vendor	Telephone	Utility	7.0	VM
Upgrade				
Alliance Peripheral Free	800-233-7550	Alliance Pwr Tools	1.10	1.10
Apple Computer Free	408-996-1010	Apple HD SC Setup	7.0	7.0
Club Mac Free	800-258-2622	SCSI Dir 1.7.2	1.6.5	1.6.5
CMS Enhancements Free-\$26.75	714-222-6000	CMS SCSI Util 6.05	6.0	7.0
Cumulus Free	216-464-4139	HD Utils v1.1	1.1	1.1
Deltaic Systems Free	800-745-1240	Deltaic Util 2.01	2.01	2.01
DJK Development Free	313-254-2632	SCSI Dir Prof 1.7.2	1.6	1.6
Ehman Engineering \$15	800-257-1666	HDD Formatter 3.29	3.0	3.4
EMAC Free	800-821-0806	EMAC Disk Util 3.3	3.30	3.30
FWB, Inc. Free-\$50	415-474-8055	Hammer Instal 1.3	1.3	1.0
GCC Technologies Free-\$39	800-422-7777	Drive Manager 7.0	7.0	7.0
HDI/Wholesale 54 Free	800-659-0054	Disk Manager Mac	2.24	2.24
Iomega Corporation Free-\$15	800-456-5522	Mac Driver 3.4	3.4	NA
Jasmine \$24.95	800-347-3228	DriveWare 2.0	1.79	2.0
LACie \$10-\$50	800-288-9919	Silverlining 5.31	5.28	5.31
Liberty Systems, Inc. Free-\$20	408-983-1127	FormatterOne 3.27	3.27	3.4
Mac and More / ETC Free+Ship	800-622-0052	ETC Tools v1.04	1.04	NA
MacDirect Free	800-621-8467	Diversified 2.05	1.0	1.0
MacLand \$25	800-333-3353	Smart Format 3.29	3.29	3.29
MacProducts USA Free-\$20	512-343-9441	Disk Manager Mac 2.24	2.24	2.24
MacTel \$15	800-950-8411	Index HD Utils 3.0	3.0	3.0
Mass Microsystems Free	800-522-7979	PadLock 2.8	2.7	NA
MicroNet Technology Free	714-837-6033	MicroNet SCSI Util	5.0	5.0
Microtech Int'l Free	800-626-4276	Microtech Util 3.27.4	3.03	3.4
Mirror Technologies Free	800-654-5294	MediaManager 2.07	2.06	2.06
Ocean Systems	800-262-3261	Compass 4.1	4.1	4.1

Free-\$25					
Optima Technology	714-476-0515	DiskMount 2.4	2.4	2.4	
Free					
Peripheral Land	800-288-8754	Formatter 3.1	3.1	3.1	
Free					
Procom Technology	714-549-9449	Procom Installer 3.0	3.0	3.0	
Free					
Qustronex, Inc / STI	800-432-4392	StorageWare 4.0	2.7	2.7	
\$9.95					
	x19				
Relax	415-471-6112	Relax Installer 1.12	1.12	1.12	
Free					
Rodime System	407-391-7333	Rodime Driver 2.2.1	2.1	2.1	
Free					
Rodime System	407-391-7333	Cobra Driver 1.1.4	1.1.0	1.1.0	
Free					
Ruby Systems Inc.	408-735-8668	StarDisk v1.14	1.0	1.14	
\$25+Ship					
Software Architechs	206-487-0122	Formatter One 3.29	3.0	3.4	
\$20-\$40					
Storage Dimensions	408-879-0300	MacinStor Inst. 3.01	3.01	3.01	
Free-\$15					
SuperMac	408-245-2202	Manager 4.1.3	3.26	4.2	
Free-\$20					
Third Wave	800-284-0486	Disk Manager Mac 2.24	2.24	2.24	
Free					
Total Peripherals	800-422-1139	TPI Manager v3.01	3.01	3.01	
Free					
UniStor	800-422-2115	StorWare 2.03	2.03	2.03	
Free-\$25					

FILES IN SYSTEM 7.X

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(7.0.1) Required for Quadra,  
\* - System 7.0.1 Only

File	Purpose
A/ROSE	Operating system for MCP
cards.	
AppleTalk ImageWriter	Driver for AppleTalk ImageWriter
AppleShare	So you can communicate with shared disks.
Battery	CP for the Portable type machines.
Brightness	CP for brightness on the Classic/Classic II.
Cache Switch*	CP for Quadra Memory.
Caps Lock*	CP for PowerBook for Caps Lock.
CloseView	To make the screen larger/easier to read.
Color	CP to change highlight color.
DAL	Database Extension
DAL Preferences	Preferences for DAL.
Easy Access	Assists with typing/mouse difficulties.
EtherTalk Phase 2	Extension to connect via EtherNet card.
File Sharing Extension	Necessary to use File Sharing.
File Sharing Monitor	CP to see connected users.
Finder	Shell to the Mac OS.
Finder Help	Necessary for Balloon Help.
General Controls	CP for date, time, desktop pattern

ImageWriter	Driver for ImageWriter.
Keyboard	Changes keyboard parameters.
Laser Prep	For AShare 2.0x print server only.
LaserWriter	Driver for LaserWriter.
LQ ImageWriter	Driver for LQ ImageWriter
LQ AppleTalk ImageWriter	Driver for LQ AppleTalk ImageWriter
Map	CP for a world map.
Memory	CP for memory selections (VM, etc.)
Mouse	CP that slows down/speeds up mouse info.
Network	CP for the selection of network drivers.
Network Extension	Required for Personal File Sharing.
Personal LaserWriter SC	Driver for Personal LaserWriter SC
Personal LWLS	Driver for the Personal LaserWriter LS.
Portable	CP for Portable.
PrintMonitor	Background printing.
Scrapbook File	Holds scrapbook information.
Sharing Setup	CP to start file sharing.
Sound	CP to change the sound and volume.
Startup Disk	CP to change the startup volume/disk.
StyleWriter	Driver for the StyleWriter.
TokenTalk Phase 2	Extension to connect via TokenRing card.
Users & Groups	CP to create users for file sharing.
Views	CP to change the desktop font/icon/view

#### Fonts

- Athens 18
- Cairo 18
- Chicago TrueType
- Courier 9, 10, 12, 14, 18, 24, TrueType (plain, bold)
- Geneva 10, 14, 18, 20, 24
- Geneva (italic) 9
- Helvetica 9, 10, 12, 14, 18, 24 TrueType (plain, bold)
- London 18
- Los Angeles 12, 24
- Monaco12, TrueType
- New York 9, 10, 12, 14, 18, 20, 24, TrueType
- Palatino 10, 12, 14, 18, 24
- San Francisco 18
- Symbol 9, 10, 12, 14, 18, 24, TrueType (plain)
- Times 9,10, 12, 14, 18, 24, TrueType (plain, bold it., bold, italic)
- Venice 14

#### Desk Accessories

- Alarm Clock
- Battery
- Calculator
- Chooser
- Control Panels
- Key Caps
- Note Pad
- Puzzle
- Scrapbook

#### FONT Locations (7.0.x)

Utility	Screen Fonts	PostScript fonts
Standard	In System Suitcase	In Extensions Folder*,Printer ROM/RAM/HD

ATM 2.0**	In System Suitcase	In System Folder,Printer ROM/RAM/HD
ATM 2.0.2	In System Suitcase	In Extensions Folder*,Printer ROM/RAM/HD
ATM 2.0.3	In System Suitcase	In Extensions Folder*,Printer ROM/RAM/HD
Suitcase II	In attached suitcase	In Ext Folder* or with font suitcase.
Suitcase 2.0	In attached suitcase	In Ext Folder* or with font suitcase.
Aldus driver	In System Suitcase	In System Folder,Printer ROM/RAM/HD

#### Generic Install

Screen fonts - Installed in the system suitcase unless used with a utility such as Suitcase 2.0 or MasterJugglar.

PostScript Fonts - Can reside in the root level of the system folder, the extensions folder\*, in the printer's ROM, RAM, HD, or if using Suitcase 2.0, the fonts can be in the Folder holding the attached font suitcase.

#### Order of Typeface:

Bit-mapped font in system suitcase, TrueType in System Suitcase, ATM font in System suitcase, scale a bitmap font of a different size.

#### Order of Print:

Printers ROM, printers RAM, printer's HD, extensions folder\*, system folder, substitute font, scale the bitmap.

\*System 7 Only.

\*\*ATM 2.0 is NOT 32-bit compatible.AppleShare Server Specifications

#### System 7 Errors

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#### Positive Errors

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#### DS Error Table

1	dsBusError	bus error
2	dsAddressErr	address error
3	dsIllInstErr	illegal instruction error
4	dsZeroDivErr	zero divide error
5	dsChkErr	check trap error
6	dsOvflowErr	overflow trap error
7	dsPrivErr	privilege violation error
8	dsTraceErr	trace mode error
9	dsLineAErr	line 1010 trap error
10	dsLineFErr	line 1111 trap error
11	dsMiscErr	miscellaneous hardware exception error
12	dsCoreErr	unimplemented core routine error
13	dsIrqErr	uninstalled interrupt error
14	dsIOCoreErr	IO Core Error
15	dsLoadErr	Segment Loader Error
16	dsFPERR	Floating point error
17	dsNoPackErr	package 0 not present [List Manager]
18	dsNoPk1	package 1 not present [Reserved by Apple]
19	dsNoPk2	package 2 not present [Disk Initialization]
20	dsNoPk3	package 3 not present [Standard File]
21	dsNoPk4	package 4 not present [Floating-Point Arithmetic]

22	dsNoPk5	package 5 not present [Transcendental Functions]
23	dsNoPk6	package 6 not present [International Utilities]
24	dsNoPk7	package 7 not present [Binary/Decimal Conversion]
25	dsMemFullErr	out of memory!
26	dsBadLaunch	can't launch file
27	dsFSErr	file system map has been trashed
28	dsStknHeap	stack has moved into application heap
30	dsReinsert	request user to reinsert off-line volume
31	dsNotThe1	not the disk I wanted (obsolete)
33	negZcbFreeErr	ZcbFree has gone negative
40	dsGreeting	welcome to Macintosh greeting
41	dsFinderErr	can't load the Finder error
42	shutDownAlert	handled like a shutdown error (obsolete)
43	dsSystemFileErr	can't find System file to open (obsolete)
51	dsBadSlotInt	unserviceable slot interrupt
81	dsBadSANEopcode	bad opcode given to SANE Pack4
84	menuPrgErr	happens when a menu is purged
85	dsMBarNFnd	SysErr -- cannot find MBDF
86	dsHMenuFindErr	SysErr -- recursively defined HMenus
87	dsWDEFnFnd	Could not load WDEF
88	dsCDEFnFnd	Could not load CDEF
89	dsMDEFnFnd	Could not load MDEF
98	dsNoPatch	Can't patch for particular Model Mac
99	dsBadPatch	Can't load patch resource
101	dsParityErr	memory parity error
102	dsOldSystem	System is too old for this ROM
103	ds32BitMode	booting in 32-bit on a 24-bit sys
20000	dsShutDownOrRestart	user choice between ShutDown and Restart
20001	dsSwitchOffOrRestart	user choice between switching off and Restart
20002	dsForcedQuit	allow the user to ExitToShell, return if Cancel
32767	dsSysErr	general system error (catch-all used in DSAT)

-1 to -8  
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General System Errors  
(VBL Mgr, Queue, Etc.)

0	noErr	0 for success *OR*
0	smNotTruncated	No truncation necessary
-1	qErr	queue element not found during deletion *OR*
-1	smTruncErr	Truncation indicator alone is wider than the specified width
-2	vTypErr	invalid queue element
-3	corErr	core routine number out of range
-4	unimpErr	unimplemented core routine
-5	SlpTypeErr	invalid queue element
-8	seNoDB	no debugger installed to handle debugger command

-9 to -21  
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Color Manager Errors

-9	iTabPurgErr	from Color2Index/ITabMatch
-10	noColMatch	from Color2Index/ITabMatch
-11	qAllocErr	from MakeITable
-12	tblAllocErr	from MakeITable
-13	overRun	from MakeITable

-14 noRoomErr from MakeITable  
 -15 seOutOfRange from SetEntry  
 -16 seProtErr from SetEntry  
 -17 i2CRangeErr from SetEntry  
 -18 gdBadDev from SetEntry  
 -19 reRangeErr from SetEntry  
 -20 seInvRequest from SetEntry  
 -21 seNoMemErr from SetEntry

-17 to -30

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I/O System Errors

-17 controlErr Driver can't respond to Control call  
 -18 statusErr Driver can't respond to Status call  
 -19 readErr Driver can't respond to Read call  
 -20 writErr Driver can't respond to Write call  
 -21 badUnitErr Driver ref num doesn't match unit table  
 -22 unitEmptyErr Driver ref num specifies NIL handle in unit table  
 -23 openErr Requested read/write permission doesn't match  
 driver's open permission, or  
 Attempt to open RAM serial Driver failed  
 -24 closErr Close failed; Permission to close .MPP driver  
 was denied  
 -25 dRemovErr tried to remove an open driver  
 -26 dInstErr DrvrInstall couldn't find driver in resources  
 -27 abortErr IO call aborted by KillIO; Publisher has written  
 a new edition \*OR\*  
 -27 iIOAbortErr IO abort error (Printing Manager)  
 -28 notOpenErr Couldn't rd/wr/ctl/sts cause driver not opened  
 -29 unitTblFullErr Unit table has no more entries  
 -30 dceExtErr dce extension error

-33 to -61

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File System Errors

-33 dirFulErr Directory full  
 -34 dskFulErr Disk full  
 -35 nsvErr No such volume; volume not found  
 -36 ioErr I/O error (bummers)  
 -37 bdNamErr Bad file name; there may be no bad names  
 in the final system!  
 -38 fnOpnErr File not open  
 -39 eofErr End of file; no additional data in the format  
 -40 posErr Tried to position to before start of file (r/w)  
 -41 mFulErr Memory full (open) or file won't fit (load)  
 -42 tmfoErr too many files open  
 -43 fnfErr File not found; Folder not found;  
 Edition container not found; Target not found  
 -44 wPrErr Diskette is write protected; Volume is locked  
 through hardware  
 -45 fLckdErr File is locked  
 -45 fLckedErr Publisher writing to an edition  
 -46 vLckdErr Volume is locked through software  
 -47 fBsyErr File is busy (delete); Section doing I/O  
 -48 dupFNERR Duplicate filename (rename); File found  
 instead of folder  
 -49 opWrErr File already open with with write permission  
 -50 paramErr Error in user parameter list

-51 rfNumErr Reference number invalid  
-52 gfpErr Get file position error  
-53 volOffLinErr Volume is off line  
-54 permErr Software lock on file; Not a subscriber  
[permissions error on file open]  
-55 volOnLinErr drive volume already on-line at MountVol  
-56 nsDrvErr no such drive (tried to mount a bad drive num)  
-57 noMacDskErr not a mac diskette (sig bytes are wrong)  
-58 extFSErr External file system - file system identifier is  
nonzero  
-59 fsRnErr file system internal error: during rename the old  
entry was deleted but could not be restored...  
-60 badMDBErr bad master directory block  
-61 wrPermErr Write permissions error; Not a publisher

-64 to -66

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Font Manager Errors

-64 fontDecError error during font declaration  
-65 fontNotDeclared font not declared  
-66 fontSubErr font substitution occurred

-64 to -90

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Disk, Serial Ports, Clock Specific Errors

-64 lastDskErr  
-64 noDriveErr drive not installed  
-65 offLinErr r/w requested for an off-line drive  
-66 noNybErr couldn't find 5 nybbles in 200 tries  
-67 noAdrMkErr couldn't find valid addr mark  
-68 dataVerErr read verify compare failed  
-69 badCksmErr addr mark checksum didn't check  
-70 badBtSlpErr bad addr mark bit slip nibbles  
-71 noDtaMkErr couldn't find a data mark header  
-72 badDCKsum bad data mark checksum  
-73 badDBtSlp bad data mark bit slip nibbles  
-74 wrUnderrun write underrun occurred  
-75 cantStepErr step handshake failed  
-76 tk0BadErr track 0 detect doesn't change  
-77 initIWMErr unable to initialize IWM  
-78 twoSideErr tried to read 2nd side on a 1-sided drive  
-79 spdAdjErr unable to correctly adjust disk speed  
-80 seekErr track number wrong on address mark  
-81 sectNFErr sector number never found on a track  
-82 fmt1Err can't find sector 0 after track format  
-83 fmt2Err can't get enough sync  
-84 verErr track failed to verify  
-84 firstDskErr  
-85 clkRdErr unable to read same clock value twice  
-86 clkWrErr time written did not verify  
-87 prWrErr parameter ram written didn't read-verify  
-88 prInitErr InitUtil found the parameter ram uninitialized  
-89 rcvrErr SCC receiver error (framing, parity, OR)  
-90 breakRecd Break received (SCC)

-91 to -100

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#### AppleTalk Errors

-91 ddpSktErr Error opening socket \*OR\*  
-91 eMultiErr Invalid address or table is full  
-92 ddpLenErr Data length too big \*OR\*  
-92 eLenErr Packet too large or first entry of the write-data structure did not contain the full 14-byte header  
-93 noBridgeErr No router available [for non-local send]  
-94 lapProtErr error in attaching/detaching protocol \*OR\*  
-94 LAPPProtErr Protocol handler is already attached, node's protocol table is full, protocol not attached, or protocol handler pointer was not 0  
-95 excessCollsns Hardware error [excessive collisions on write]  
-97 portInUse driver Open error code (port is in use)  
-98 portNotCf driver Open error code (parameter RAM not configured for this connection)  
-99 memROZErr hard error in ROZ  
-99 memROZError hard error in ROZ  
-99 memROZWarn soft error in ROZ

-100 to -102

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#### Scrap Manager Errors

-100 noScrapErr No scrap exists error  
-102 noTypeErr Format not available [no object of that type in scrap]

-108 to -117

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#### Storage Allocator Errors

-108 memFullErr Ran out of memory [not enough room in heap zone]  
-109 nilHandleErr GetHandleSize fails on baseText or substitutionText; NIL master pointer [handle was NIL in HandleZone or other]  
-110 memAdrErr Address was odd, or out of range  
-111 memWZErr Attempted to operate on a free block; GetHandleSize fails on baseText or substitutionText [WhichZone failed (applied to free block)]  
-112 memPurErr Trying to purge a locked or non-purgeable block  
-113 memAZErr Address in zone check failed  
-114 memPCErr Pointer Check failed  
-115 memBCErr Block Check failed  
-116 memSCErr Size Check failed  
-117 memLockedErr Trying to move a locked block (MoveHHi)

-120 to -127

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#### HFS Errors

-120 dirNFErr Directory not found  
-121 tmwdoErr No free WDCB available  
-122 badMovErr Move into offspring error  
-123 wrgVolTypErr Not an HFS volume [wrong volume type error or (obsolete) operation not supported for MFS]  
-124 volGoneErr Server volume has been disconnected.  
-125 updPixMemErr Insufficient memory to update a pixmap  
-127 fsDSIntErr Internal file system error

-126 to -128

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#### Menu Manager Errors



-126 dsMBarNFnd System error code for MBDF not found  
-127 dsHMenuFindErr Could not find HMenu's parent in MenuKey  
-128 userCanceledErr User canceled an operation

-130 to -132

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HFS FileID Errors

-130 fidNotFound no file thread exists  
-131 fidNotAFile directory specified  
-132 fidExists file id already exists

-147 to -158

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Color Quickdraw & Color Manager Errors

-147 regionTooBigError Region too big or complex  
-148 pixMapTooBigErr Pixel map record is deeper than 1 bit per pixel  
[passed pixelmap is too large]  
-149 notEnoughStack Not enough stack space for the necessary buffers \*OR\*  
-149 mfStackErr Insufficient stack  
-150 cMatchErr Color2Index failed to find an index  
-151 cTempMemErr Failed to allocate memory for temporary structures  
-152 cNoMemErr Failed to allocate memory for structure  
-153 cRangeErr Range error on colorTable request  
-154 cProtectErr ColorTable entry protection violation  
-155 cDevErr Invalid type of graphics device  
-156 cResErr Invalid resolution for MakeITable  
-157 cDepthErr Invalid pixel depth  
-158 cParmErr Invalid parameter

-185 to -199

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Resource Manager Errors (other than I/O)

-185 badExtResource Extended resource has a bad format.  
-186 CantDecompress Resource bent ("the bends")  
can't decompress a compressed resource  
-188 resourceInMemory Resource already in memory  
-189 writingPastEnd Writing past end of file  
-190 inputOutOfBounds Offset or count out of bounds  
  
-192 resNotFound Resource not found  
-193 resFNotFound Resource file not found  
-194 addResFailed AddResource failed  
-195 addRefFailed AddReference failed  
-196 rmvResFailed RmveResource failed  
-197 rmvRefFailed RmveReference failed  
-198 resAttrErr Attribute inconsistent with operation  
-199 mapReadErr Map inconsistent with operation

-200 to -232

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Sound Manager Errors

-200 noHardware Required sound hardware not available  
[no hardware support for the specified synthesizer]  
-201 notEnoughHardware Insufficient hardware available  
[no more channels for the specified synthesizer]  
-203 queueFull No room in the queue  
-204 resProblem Problem loading the resource  
-205 badChannel Channel is corrupt or unusable

[invalid channel queue length]  
 -206 badFormat Resource is corrupt or unusable  
 [handle to 'snd ' resource was invalid]  
 -207 notEnoughBufferSpace Insufficient memory available  
 -208 badFileFormat File is corrupt or unusable, or not AIFF or AIFF-C  
 -209 channel Channel is busy  
 -210 buffersTooSmall Buffer is too small  
 -211 channelNotBusy Channel not currently used  
 -212 noMoreRealTime Not enough CPU time available  
 -213 badParam A parameter is incorrect  
 -220 siNoSoundInHardware No sound input hardware available  
 -221 siBadSoundInDevice Invalid sound input device  
 -222 siNoBufferSpecified No buffer specified  
 -223 siInvalidCompression Invalid compression type  
 -224 siHardDiskTooSlow Hard drive too slow to record  
 -225 siInvalidSampleRate Invalid sample rate  
 -226 siInvalidSampleSize Invalid sample size  
 -227 siDeviceBusyErr Sound input device is busy  
 -228 siBadDeviceName Invalid device name  
 -229 siBadRefNum Invalid reference number  
 -230 siInputDeviceErr Input device hardware failure  
 -231 siUnknownInfoType Unknown type of information  
 -232 siUnknownQuality Unknown quality

-250 to -261

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MIDI Manager Errors

-250 midiNoClientErr no client with that ID found  
 -251 midiNoPortErr no port with that ID found  
 -252 midiTooManyPortsErr too many ports already installed in the system  
 -253 midiTooManyConsErr too many connections made  
 -254 midiVConnectErr pending virtual connection created  
 -255 midiVConnectMade pending virtual connection resolved  
 -256 midiVConnectRmvd pending virtual connection removed  
 -257 midiNoConErr no connection exists between specified ports  
 -258 midiWriteErr couldn't write to all connected ports  
 -259 midiNameLenErr name supplied is longer than 31 characters  
 -260 midiDupIDErr duplicate client ID  
 -261 midiInvalidCmdErr command not supported for port type

-290 to -351

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Start Manager Errors

-290 smSDMInitErr SDM could not be initialized.  
 -291 smSRTInitErr Slot Resource Table could not be initialized.  
 -292 smPRAMInitErr Slot Resource Table could not be initialized.  
 -293 smPriInitErr Cards could not be initialized.

Notification Manager Error

-299 nmTypErr Invalid qType--must be ORD(nmType)

Start Manager Errors

-300 smEmptySlot No card in slot  
 -301 smCRCFail CRC check failed for declaration data  
 -302 smFormatErr FHeader Format is not Apple's  
 -303 smRevisionErr Wrong revision level

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-304 smNoDir          Directory offset is Nil
-305 smLWTstBad      Long Word test field <> $5A932BC7.
-306 smNosInfoArray  No sInfoArray. Memory Mgr error.
-307 smResrvErr      Fatal reserved error. Reserved field <> 0.
-308 smUnExBusErr    Unexpected Bus Error
-309 smBLFieldBad    ByteLanes field was bad.
-310 smFHBlockRdErr  Error occurred during _sGetFHeader.
-311 smFHBlkDispErr  Error occurred during _sDisposePtr (Dispose of
                    FHeader block).
-312 smDisposePErr  _DisposePointer error
-313 smNoBoardsRsrc  No Board sResource.
-314 smGetPRErr      Error occurred during _sGetPRAMRec (See SIMStatus).
-315 smNoBoardId     No Board Id.
-316 smIntStatVErr  The InitStatusV field was negative after primary
                    or secondary init.
-317 smIntTblVErr   An error occurred while trying to initialize the
                    Slot Resource Table.
-318 smNoJmpTbl      SDM jump table could not be created.
-319 smBadBoardId    BoardId was wrong, re-init the PRAM record.
-320 smBusErrTO      BusError time out.
-330 smBadRefId      Reference Id not found in list
-331 smBadSlist      Bad sResource [sList] structure:
                    Id1<Id2<Id3 ... format is not followed.
-332 smReservedErr  Reserved field not zero
-333 smCodeRevErr    Code revision is wrong
-334 smCPUErr        Code revision is wrong
-335 smsPointerNil   LPointer is nil {From sOffsetData. If this error
                    occurs, check sInfo rec for more information.}
-336 smNilsBlockErr Nil sBlock error {Dont allocate and try to use a
                    nil sBlock}
-337 smSlotOOBErr   Slot out of bounds error
-338 smSelOOBErr    Selector out of bounds error; function not implemented
-339 smNewPErr      _NewPtr error
-340 smBlkMoveErr   _BlockMove error
-341 smCkStatusErr  Status of slot = fail.
-342 smGetDrvrNamErr Error occurred during _sGetDrvrName.
-343 smDisDrvrNamErr Error occurred during _sDisDrvrName.
-344 smNoMoresRsrcs  No more sResources *OR*
-344 smNoMoresResources Specified sResource data structure not found
-345 smsGetDrvrErr  Error occurred during _sGetDriver.
-346 smBadSPtrErr   Bad pointer was passed to sCaldSPointer function
-347 smByteLanesErr ByteLanes field in card's format block was
                    determined to be zero
-348 smOffsetErr    Offset was too big (temporary, should be fixed)
-349 smNoGoodOpens  No opens were successfull in the loop.
-350 smSRTOvrFlErr  SRT over flow.
-351 smRecNotFnd    Record not found in the SRT.

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-360 to -400

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Device Manager Slot Support Errors

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-360 slotNumErr      invalid slot # error
-400 gcrOnMFMErr    gcr format on high density media error

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-450 to -463

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Edition Manager Errors

-450 editionMgrInitErr Manager not initialized or could not load package  
-451 badSectionErr Not a valid section type  
-452 notRegisteredSectionErr Not registered  
-454 badSubPartErr Bad edition container spec or invalid edition container  
-460 multiplePublisherWrn Already is a publisher  
-461 containerNotFoundWrn Alias was not resolved  
-463 notThePublisherWrn Not the publisher

-470 to -489

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SCSI Manager Errors

-470 scsiBadPBErr invalid field(s) in the parameter block  
-471 scsiOverrunErr attempted to transfer too many bytes  
-472 scsiTransferErr write flag conflicts with data transfer phase  
-473 scsiBusTOErr bus error during transfer  
-474 scsiSelectTOErr scsiSelTO exceeded (selection failed)  
-475 scsiTimeOutErr scsiReqTO exceeded  
-476 scsiBusResetErr the bus was reset, so your request was aborted  
-477 scsiBadStatus non-zero (not "Good") status returned  
-478 scsiNoStatusErr device did not go through a status phase  
-479 scsiLinkFailErr linked command never executed  
-489 scsiUnimpVctErr unimplemented routine was called

-490 to -492

-----  
SysErrs used instead of inline \$A9FF & \$ABFF

-490 userBreak user debugger break  
-491 strUserBreak user debugger break - display string on stack  
-492 exUserBreak user debugger break - execute commands on stack

-500 to -502

-----  
QuickDraw Error

-500 rgnTooBigErr Bitmap would convert into a region greater than 64 KB

Text Edit Error

-501 teScrapSizeErr scrap item too big for text edit record

O/S Error

-502 hwParamrErr bad selector for \_HWPriv

-600 to -610

-----  
Processes Errors

-600 procNotFound No eligible process with specified process serial number  
-601 memFragErr Not enough room to launch application with special requirements  
-602 appModeErr Memory mode is 32-bit, but application is not 32-bit clean  
-603 protocolErr app made module calls in improper order  
-604 hardwareConfigErr hardware configuration not correct for call  
-605 appMemFullErr Partition size specified in 'SIZE' resource is not big enough for launch  
-606 appIsDaemon Application is background-only

-607 bufferIsSmall Buffer is too small  
-608 noOutstandingHLE No outstanding high-level event  
-609 connectionInvalid Connection is invalid  
-610 noUserInteractionAllowed Attempted PostHighLevelEvent from  
background and no session yet established

-620 to -625

-----  
Memory Dispatch Errors

-620 notEnoughMemoryErr Insufficient physical memory  
-621 notHeldErr Specified range of memory is not held  
-622 cannotMakeContiguousErr Cannot make specified range contiguous  
-623 notLockedErr Specified range of memory is not locked  
-624 interruptsMaskedErr Called with interrupts masked  
-625 cannotDeferErr Unable to defer additional user functions

-800 to -813

-----  
DatabaseAccess (Pack 13) Errors

-800 rcDBNull The data item was NULL  
-801 rcDBValue Data available or successfully retrieved  
-802 rcDBError Error executing function  
-803 rcDBBadType Next data item not of requested data type  
-804 rcDBBreak Function timed out  
-805 rcDBExec Query currently executing  
-806 reDBBadSessID Session ID is invalid  
-807 rcDBBadSessNum Invalid session number  
-808 rcDBBadDDEV Couldn't find the specified database extension,  
or error occurred in opening database extension  
-809 rcDBAsyncNotSupp The database extension does not support  
asynchronous calls  
-810 rcDBBadAsyncPB Invalid parameter block specified  
-811 rcDBNoHandler There is no handler for this data type  
installed for the current application  
-812 rcDBWrongVersion Wrong version number  
-813 rcDBPackNotInited The InitDBPack function has not yet been called

-850 to -863

-----  
Help Manager Errors

-850 hmHelpDisabled Help balloons are not enabled  
-851 hmResNotFound ????  
-852 hmMemFullErr ???  
-853 hmBalloonAborted Because of constant cursor movement,  
the help balloon wasn't displayed  
-854 hmSameAsLastBalloon Menu and item are same as previous menu and item  
-855 hmHelpManagerNotInited Help menu not set up  
-856 hmBadSelector ???  
-857 hmSkippedBalloon No ballon content to fill in  
-858 hmWrongVersion Wrong version of Help Manager resource  
-859 hmUnknownHelpType Help message record contained a bad type  
-860 hmCouldNotLoadPackage ???  
-861 hmOperationUnsupported Bad method parameter  
-862 hmNoBalloonUp No balloon showing  
-863 hmCloseViewActive User using Close View won't let you remove balloon

-900 to -932

-----

AppleTalk - PPC Toolbox Errors

-900 notInitErr PPC Toolbox has not been initialized yet  
-902 nameTypeErr Invalid or inappropriate locationKindSelector  
in location name  
-903 noPortErr Invalid port name; Unable to open port or bad  
port reference number  
-904 noGlobalsErr System unable to allocate memory, critical error  
-905 localOnlyErr Network activity is currently disabled  
-906 destPortErr Port does not exist at destination  
-907 sessTableErr PPC Toolbox is unable to create a session  
-908 noSessionErr Invalid session reference number  
-909 badReqErr Bad parameter or invalid state for this operation  
-910 portNameExistsErr Another port is already open with this name  
-911 noUserNameErr User name unknown on destination machine  
-912 userRejectErr Destination rejected the session request  
-915 noResponseErr Unable to contact application  
-916 portClosedErr The port was closed  
-917 sessClosedErr The session has closed  
-919 badPortNameErr PPC port record is invalid  
-922 noDefaultUserErr User has not specified owner name in Sharing Setup  
control panel  
-923 notLoggedInErr Default user reference number does not yet exist  
-924 noUserRefErr Unable to create a new user reference number  
-925 networkErr An error has occurred in the network  
-926 noInformErr PPCStart failed because target application did not  
have an inform pending  
-927 authFailErr User's password is wrong  
-928 noUserRecErr Invalid user reference number  
-930 badServiceMethodErr Service method is other than  
ppcServiceRealTime  
-931 badLocNameErr Location name is invalid  
-932 guestNotAllowedErr Destination port requires authentication

-1024 to -1029

-----

AppleTalk - NBP Errors

-1024 nbpBuffOvr Buffer overflow in LookupName  
-1025 nbpNoConfirm Name not confirmed on ConfirmName  
-1026 nbpConfDiff Name confirmed at different socket  
-1027 nbpDuplicate Duplicate name exists already  
-1028 nbpNotFound Name not found on remove  
-1029 nbpNISErr Error trying to open the NIS

-1066 to -1075

-----

ASP Errors (XPP driver)

-1066 aspBadVersNum Server cannot support this ASP version  
-1067 aspBufTooSmall Buffer too small  
-1068 aspNoMoreSess No more sessions on server  
-1069 aspNoServers No servers at that address  
-1070 aspParamErr Parameter error  
-1071 aspServerBusy Server cannot open another session  
-1072 aspSessClosed Session closed  
-1073 aspSizeErr Command block too big  
-1074 aspTooMany Too many clients (server error)  
-1075 aspNoAck No ack on attention request (server err)

-1096 to -1105

-----

AppleTalk - ATP Errors

-1096 reqFailed Request to contact router failed: retry count exceeded  
-1097 tooManyReqs Too many concurrent requests  
-1098 tooManySkts Too many concurrent responding-sockets  
-1099 badATPSkt Bad ATP-responding socket  
-1100 badBuffNum Bad response buffer number specified  
-1101 noRelErr No release received  
-1102 cbNotFound Control Block not found; no pending asynchronous calls  
-1103 noSendResp AddResponse issued without SendResponse  
-1104 noDataArea No data area for request to MPP  
-1105 reqAborted ERdCancel function called for this ERead [SendRequest aborted by RelTCB]

-1273 to -1280

-----

Data Stream Protocol - DSP driver Errors

-1273 errOpenDenied Open request denied by recipient  
-1274 errDSPQueueSize Send or receive queue is too small  
-1275 errFwdReset Read terminated by forward reset  
-1276 errAttention Attention message too long  
-1277 errOpening Attempt to open connection failed  
-1278 errState Bad connection state for this operation  
-1279 errAborted Request aborted by dspRemove or dspClose function  
-1280 errRefNum Bad connection reference number

-1300 to -1305

-----

HFS Errors

-1300 fidNotFound File ID not found [No file thread exists]  
-1301 fidExists File id already exists  
-1302 notAFileErr Specified file is a directory  
-1303 diffVolErr Files on different volumes  
-1304 catChangedErr Catalog has changed and CatPosition may be invalid  
-1305 desktopDamagedErr The desktop database has become corrupted - the Finder will fix this, but if your application is not running with the Finder, use DTReset or DTDelete

-1700 to -1719

-----

AppleEvent Errors

-1700 errAECOercionFail Data could not be coerced to the requested descriptor type  
-1701 errAEDescNotFound Descriptor record was not found  
-1702 errAECorruptData Data in an Apple event could not be read  
-1703 errAEWrongDataType Wrong descriptor type  
-1704 errAENotAEDesc Not a valid descriptor record  
-1705 errAEBadListItem Operation involving a list item failed  
-1706 errAENewerVersion Need a newer version of the Apple Event Manager  
-1707 errAENotAppleEvent Event is not an Apple event  
-1708 errAEEventNotHandled Event wasn't handled by an Apple event handler  
-1709 errAEReplyNotValid AEResetTimer was passed an invalid reply  
-1710 errAEUnknownSendMode Invalid sending mode was passed  
-1711 errAEWaitCanceled User canceled out of wait loop for reply or receipt

-1712 errAETimeout Apple event timed out  
 -1713 errAENoUserInteraction No user interaction allowed  
 -1714 errAENotASpecialFunction Wrong keyword for a special function  
 -1715 errAEParamMissed Handler did not get all required paramters  
 -1716 errAEUnknownAddressType Unknown Apple event address type  
 -1717 errAEHandlerNotFound No handler found for an Apple event  
 or a coercion  
 -1718 errAEReplyNotArrived Reply has not yet arrived  
 -1719 errAEIllegalIndex Not a valid list index

-3101 to -3109

-----  
 AppleTalk - ATP Errors

-3101 buf2SmallErr Packet too large for buffer; partial data returned  
 -3102 noMPPerr No MPP error  
 -3103 ckSumErr Check sum error  
 -3104 extractErr Extraction error  
 -3105 readQErr Read queue error  
 -3106 atpLenErr ATP length error  
 -3107 atpBadRsp ATP bad response error  
 -3108 recNotFnd Record not found  
 -3109 sktClosedErr Socket closed error

-4096 to -4101

-----  
 Print Manager w/LaserWriter

-4096 ??? No free Connect Control Blocks available  
 -4097 ??? Bad connection reference number  
 -4098 ??? Request already active  
 -4099 ??? Write request too big  
 -4100 ??? Connection just closed  
 -4101 ??? Printer not found, or closed

-5000 to -5032

-----  
 File Manager Extensions Errors

-5000 accessDenied Incorrect access for this file/folder  
 -5006 DenyConflict Permission/Deny mode conflicts with the current  
 mode in which this fork is already open  
 -5015 NoMoreLocks Byte range locking failure from Server  
 -5020 RangeNotLocked Attempt to unlock an already unlocked range  
 -5021 RangeOverlap Attempt to lock some of an already locked range

AFP Errors (XPP driver)

-5000 afpAccessDenied AFP Access denied  
 -5001 afpAuthContinue AFP Authorization continue  
 -5002 afpBadUAM AFP Bad UAM  
 -5003 afpBadVersNum AFP Bad version number  
 -5004 afpBitmapErr AFP Bit map error  
 -5005 afpCantMove AFP Can't move error  
 -5006 afpDenyConflict AFP Deny conflict  
 -5007 afpDirNotEmpty AFP Dir not empty  
 -5008 afpDiskFull AFP Disk full  
 -5009 afpEofError AFP End-of-File error  
 -5010 afpFileBusy AFP File busy  
 -5011 afpFlatVo AFP Flat volume  
 -5012 afpItemNotFound AFP Information not found  
 -5013 afpLockErr AFP Lock error



-5014 afpMiscErr AFP Misc error  
-5015 afpNoMoreLocks AFP No more locks  
-5016 afpNoServer AFP No server  
-5017 afpObjectExists AFP Object already exists  
-5018 afpObjectNotFound AFP Object not found  
-5019 afpParmErr AFP Parm error  
-5020 afpRangeNotLocked AFP Range not locked  
-5021 afpRangeOverlap AFP Range overlap  
-5022 afpSessClosed AFP Session closed  
-5023 afpUserNotAuth AFP User not authorized  
-5024 afpCallNotSupported AFP Call not supported  
-5025 afpObjectTypeErr AFP Object type error  
-5026 afpTooManyFilesOpen AFP Too many files open  
-5027 afpServerGoingDown AFP Server going down  
-5028 afpCantRename AFP Can't rename  
-5029 afpDirNotFound AFP Directory not found  
-5030 afpIconTypeError Size of new icon and one it replaces don't match  
-5031 afpVolLocked Volume is Read-Only  
-5032 afpObjectLocked Object is M/R/D/W inhibited

-5500 to -5502

-----

SysEnviron Errors

-5500 envNotPresent SysEnviron trap not present - returned by glue.  
-5501 envBadVers Version non-positive  
-5502 envVersTooBig Version bigger than call can handle

-5550 to -5553

-----

Gestalt Errors

-5550 gestaltUnknownErr Could not obtain the response  
-5551 gestaltUndefSelectorErr Undefined selector  
-5552 gestaltDupSelectorErr Selector already exists  
-5553 gestaltLocationErr Function not in system heap

-8132 to -8160

-----

LaserWriter Driver Errors

-8132 ???? Manual Feed time out  
-8133 ???? General PostScript Error  
-8150 ???? No LaserWriter chosen  
-8151 ???? Version mismatch between LaserPrep dictionaries  
-8150 ???? No LaserPrep dictionary installed  
-8160 ???? Zoom scale factor out of range

-11000 to -11005

-----

PictInfo Errors

-11000 pictInfoVersionErr Version number not zero  
-11001 pictInfoIDErr Invalid PictInfo ID  
-11002 pictInfoVerbErr Invalid verb combination specified  
-11003 cantLoadPickMethodErr Custom pick method not in resource chain  
-11004 colorsRequestedErr Number out of range or greater than passed  
to NewPictInfo  
-11005 pictureDataErr Invalid picture data

-13000 to -13005

-----

Power Manager Errors

-13000 pmBusyErr Power Manager IC stuck busy  
-13001 pmReplyTOErr Timed out waiting to begin reply handshake  
-13002 pmSendStartErr Power Manager IC did not start handshake  
-13003 pmSendEndErr During send, Power Manager did not finish handshake  
-13004 pmRecvStartErr During receive, Power Manager did not start handshake  
-13005 pmRecvEndErr During receive, Power Manager did not finish handshake

-23000 to -23048

-----  
Mac TCP Errors

-23000 ipBadLapErr Bad network configuration  
-23001 ipBadCnfgErr Bad IP configuration error  
-23002 ipNoCnfgErr Missing IP or LAP configuration error  
-23003 ipLoadErr Error in MacTCP load  
-23004 ipBadAddr Error in getting address  
-23005 connectionClosing Connection in closing  
-23006 invalidLength  
-23007 connectionExists Request conflicts with existing connection  
-23008 connectionDoesntExist Connection does not exist  
-23009 insufficientResources Insufficient resources to perform request  
-23010 invalidStreamPtr  
-23011 streamAlreadyOpen  
-23012 connectionTerminated  
-23013 invalidBufPtr  
-23014 invalidRDS  
-23014 invalidWDS  
-23015 openFailed  
-23016 commandTimeout  
-23017 duplicateSocket  
-23030 ipOpenProtErr Can't open new protocol, table full  
-23031 ipCloseProtErr Can't find protocol to close  
-23032 ipDontFragErr Packet too large to send w/o fragmenting  
-23033 ipDestDeadErr Destination not responding  
-23034 ipBadWDSErr Error in WDS format  
-23035 icmpEchoTimeoutErr ICMP echo timed-out  
-23036 ipNoFragMemErr No memory to send fragmented pkt  
-23037 ipRouteErr Can't route packet off-net  
-23041 nameSyntaxErr  
-23042 cacheFault  
-23043 noResultProc  
-23044 noNameServer  
-23045 authNameErr  
-23046 noAnsErr  
-23047 dnrErr  
-23048 outOfMemory

-32768 to -32640

-----  
Primary or Secondary Init Code Errors

-32768 svTempDisable Temporarily disable card but run primary init  
-32640 svDisabled Reserve -32640 to -32768 for Apple temp disables

Uncommon Errors

-----  
Internal File System Errors

1 chNoBuf no free cache buffers (all in use)  
2 chInUse requested block in use

3	chnotfound	requested block not found
4	chNotInUse	block being released was not in use
16	fxRangeErr	file position beyond mapped range
17	fx0vFlErr	extents file overflow
32	btnotfound	record not found
33	btexists	record already exists
34	btnospace	no available space
35	btnoFit	record doesn't fit in node
36	btbadNode	bad node detected
37	btbadHdr	bad BTree header record detected
48	cmnotfound	CNode not found
49	cmexists	CNode already exists
50	cmnotempty	directory CNode not empty (valence = 0)
51	cmRootCN	invalid reference to root CNode
52	cmbadnews	detected bad catalog structure
53	cmFThdDirErr	thread belongs to a directory not a file
54	cmFThdGone	file thread doesn't exist
64	dsBadRotate	bad BTree rotate

#### Slot Declaration ROM Manager Errors

1	siInitSDTblErr	slot int dispatch table could not be initialized.
2	siInitVBLQsErr	VBLqueues for all slots could not be initialized.
3	siInitSPTblErr	slot priority table could not be initialized.
10	sdmJTInitErr	SDM Jump Table could not be initialized.
11	sdmInitErr	SDM could not be initialized.
12	sdmSRTInitErr	Slot Resource Table could not be initialized.
13	sdmPRAMInitErr	Slot PRAM could not be initialized.
14	sdmPriInitErr	Cards could not be initialized.

#### HD20 Driver Errors

16	wrtHsLw	HSHK low before starting
17	wrtHSLwTO	Time out waiting for HSHK to go low
19	wrtHSHighTO	Time out waiting for HSHK to go high
32	rdHsHi	HSHK high before starting
33	rdSyncTO	Time out waiting for sync (\$AA) bye
34	rdGroupTO	Time out waiting for group
36	rdHoffSyncTO	Time out waiting for sync after holdoff
37	rdHsHiTO	Time out waiting for HSHK high
38	rdChksumErr	Checksum error on response packet
48	invalidResp	First byte in response packet was wrong
49	sqncNumErr	Sequence number in response packet was wrong
50	dNumberErr	Drive number in response packet was wrong
64	noResp	No response packet ever received

#### SCSI Manager Errors

2	scCommErr	Communications error (operations timeout)
3	scArbNBErr	Arbitration failed during SCSIGet - Bus busy
4	scBadparmsErr	Bad parameter or TIB opcode
5	scPhaseErr	SCSI bus not in correct phase for operation
6	scCompareErr	SCSI Manager busy with another operation when SCSIGet was called
7	scMgrBusyErr	SCSI Manager busy with another operation when SCSIGet was called
8	scSequenceErr	Attempted operation is out of sequence - e.g., calling SCSIselect before doing SCSIGet
9	scBusTOErr	Bus timeout before data ready on SCSIIRblind and SCSIWblind
10	scComplPhaseErr	SCSIComplete failed - bus not in Status phase

#### Serial Driver Error Masks

1	swOverrunErr	Serial Driver overrun error
16	parityErr	Serial parity error
32	hwOverrunErr	Serial hardware overrun
64	framingErr	Serial framing error

#### Miscellaneous Result Code

1	evtNotEnb	Event not enabled at PostEvent
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#### CDev Errors

0	cdevMemErr	Memory shortfall; alert user please
1	cdevResErr	Couldn't get a needed resource; alert
3	cdevUnset	cdevValue is initialized to this
-1	cdevGenErr	General error; gray cdev w/o alert

#### Script Manager Errors

0	smNotTruncated	No truncation was necessary
1	smTruncated	Truncation performed
-1	smTruncErr	General error

#### Communications Toolbox Errors

0	ctbuNoErr	????
-1	ctbuGenericError	????

#### Communications Resource Manager Errors

0	crmNoErr	????
-1	crmGenericError	????

#### Connection Manager Errors

0	cmNoErr	????
1	cmRejected	????
2	cmFailed	????
3	cmTimeOut	????
4	cmNotOpen	????
5	cmNotClosed	????
6	cmNoRequestPending	????
7	cmNotSupported	????
8	cmNoTools	????
9	cmUserCancel	????
11	cmUnknownError	????
-1	cmGenericError	????

#### File Transfer Manager Errors

0	ftNoErr	????
1	ftRejected	????
2	ftFailed	????
3	ftTimeOut	????
4	ftTooManyRetry	????
5	ftNotEnoughDSpace	????
6	ftRemoteCancel	????
7	ftWrongFormat	????
8	ftNoTools	????
9	ftUserCancel	????
10	ftNotSupported	????

11 ftUnknownError ????

-1 ftGenericError ????

Midi Manager MIDIPacket Errors

1 midiOverflowErr ????

2 midiSCCErr ????

3 midiPacketErr ????

255 midiMaxErr all command words less than this are errors

Terminal Manager Errors

0 tmNoErr ????

1 tmNotSent ????

2 tmEnvironChanged ????

7 tmNotSupported ????

8 tmNoTools ????

11 tmUnknownError ????

-1 tmGenericError ????

AppleTalk Errors

-1 overrunErr ???? (returned by ReadPacket & ReadRest routines)

-2 crcErr ????

-3 underrunErr ????

-4 lengthErr ????

System Errors to put up msg dialogs

-10 dsMacBugInstalled say "MacBug Installed"

-11 dsDisassemblerInstalled say "Disassembler Installed"

-12 dsHD20Installed say "HD20 Startup"